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Computer Embedded System Laboratory (CES-Lab), National Engineering School- Sfax (ENIS) University of Sfax, Tunisia

Organisation Name

Country	Tunisia
City	Sfax
Street	Route Soukra, Km 3,5, BP 7311
Website	http://www.ceslab.org
Phone	
Organisation Type	University

Person

Name	Mohamed Abid
Email	mohamed.abid_ces@yahoo.fr
Job Position	Director of Computer Embedded System Laboratory (CES-Lab)



Organisation Details

«Computer Embedded System» laboratory (CES-Lab) is a public research laboratory at National Engineering School-Sfax (ENIS), University of Sfax, Tunisia. It is founded since 2006 (<http://www.ceslab.org>). CES-Lab is at the origin a team of "System on Chip" at "Computer, Electronic and Smart engineering system" Laboratory, 2001-2005.

CES-Lab promotes interdisciplinary activities based on design of modern applications developed in basic advanced technologies. The aim is to stimulate synergic cooperation first between different teams of the laboratory and second with other research laboratories in the Sfax area as well as at national and international levels. CES-Lab treats several advanced technologies for integration of embedded systems on the one hand, and the design of modern applications on these technologies, on the other hand. The research topics of CES-Lab cover Real-Time Systems, Hardware-Software Co-design, System on Chip, High Level Design, FPGA, Reconfigurable System, Prototyping, etc. We invest also on the design and implementation issues of several industrial applications as Wireless Sensors Networks and Biometrics, new video processing techniques (image indexation, Motion detection, JPEG encoder, etc.), Embedded system of data searching and filtering, Embedded System on Robotic, etc.

A large proportion of the research is performed in the context of cooperative projects with industrial and academic partners, supported by regional, national and international grants. The goal is also to involve visiting scientists and PhD students from developing countries in hands-on activities.

The laboratory is structured in four research themes, whose main focus of investigation is characterized as follows:

- High-Level Design for Real Time Embedded System
- Co-Design of Embedded System: Advanced Architecture, Exploration, Co-synthesis and Prototyping
- Wireless Sensors Networks & Applications
- Multimedia systems

Most academics in CES-Lab are affiliated to National Engineering School- Sfax (ENIS) or other institutes of Sfax university. They have important pedagogical responsibilities; in particular, Direction of Graduate School of Sciences & Technologies, ENIS-University of Sfax, 2009-2013, Leading Founder of doctoral curriculum "Computer System Engineering", ENIS, 2003-2010, and since 2014, Leading Founder & Responsibility of the Research Master Program NTSID "New Technologies of dedicated Computing" at ENIS, 2002-2010, Founding member & Responsibility of Research Master Program "Embedded System" in collaboration with University of Chemnitz, Germany, Founding member and Responsibilities of several engineering degrees in the University of Monastir and University of Sfax Universities, etc.

CES-Lab Professors are active in services for several national and international Conferences as General Co-chair, Founding Member, Member of the Steering Committee, Co-chair or member of the Technical Committee, Co-chair or member of the Organizing Committees

CES-Lab researchers are Supervisors or Co-supervisors of more than 70 PhD doctors, most of them were in joint guardianship and are Supervisors or Co-supervisors of more than 150 master students. CES-Lab members are Authors or co-authors of more than 150 publications in Journals and author or co-author of more than 500 papers in international conferences. They are also author or co-author of many guest's papers, Joint author of many book's chapters.

Members of CES-Lab contribute to many international events, participate in a large number of national and international research projects, and have established scientific agreements with universities and research laboratories worldwide:

- International Cooperations with Several Laboratories & Universities
- programs & agreements with several Research Laboratories and Industrials
- Several Nationals and Internationals Projects with Universities and Industries
- Several Ph.D co-supervised with several Research Laboratories

We propose to participate in "Turkey 2016" through the proposed contribution: System on Chip for Internet of Things (Water pipeline monitoring application based on Wireless sensor networks). In fact, using the Internet of Things (IoT) concept, the entire physical infrastructure of sensors is closely coupled with information and communication technologies; where intelligent monitoring and management can be achieved via the usage of networked embedded devices. In such a sophisticated dynamic system, devices are interconnected to transmit useful measurement information and control instructions via distributed sensor networks. Consequently, WSNs and the emerging IoT paradigm are used in many applications in healthcare, agriculture, smart buildings, transportations and water management. In this context, we propose the design of embedded sensor node based on System on Chip (SoC) low power. The main objective is to study the different internal/external factors influencing consumption of the sensor node, to propose a low power sensor node based on SoC in order to add an adaptation approach that acts on the different elements of the node to increase its life. As application, we consider the water pipeline monitoring based on WSNs while maintaining low power consumption.

We are looking for consortium/project idea to which we can allocate our competencies and experience in the above referred idea.

Areas of Activity

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

[Partner: Adaptive sensor node and security for IoT](#)

We are looking for consortium/project idea to which we can allocate our competencies and experience in the areas of our activities including but not limited to following idea: Adaptive sensor node and privacy and security techniques are two key points of IoT. The objective of this project is to propose a design of adaptive sensor node based on System on Chip low power including many privacy and security issues for the concept of IoT. The flexible and the heterogeneous of the SoC make the architecture reconfigurable and can be adapted for the different things connected in the networks. In order to process data from IoT devices in a reliable way, several requirements are defined. First, the gateways support a complete IPv6 protocol stack that ensures inter-operability. Second, the platform ensures a secure end-to-end operation, including integration with existing authentication and authorization systems. In addition, adaptive sensors make our proposed IoT system able to deal with IoT data. Indeed, the low power SoC extends the application lifetime and save cost with making sensor operate as long as possible. Concerning the security, different cryptography mechanisms are required. The security should be ensured in devices, in the communications between devices and the IoT service that manages all the devices and aggregates their data. Two level of security are defined: Securing the sensor Device Layer and -Securing the Gateway Layer. With techniques as Identity Based Cryptography (IBC) applied in this project is ideally suited to solve the problem. By using the identity-based cryptography, the identity of a sensor node can be used as a public key and therefore it is not necessary to use a certificate to bind the identity of a node at its public key. In addition, IBC make the possibility of using signatures, which ensure integrity and authentication without using certificates. It is possible, also, to extend the number of sensor nodes in the network. Even if the

number of nodes increases, each node must store only one secret key. As a platform for simulation and performance evaluation, CONTIKI operating system is adopted and adapted. This tool is pitched as the open source operating system for the Internet of Things (IoT), with embedded and highly resource-constrained devices. This tool is compatible with existing international platforms. It provides powerful low-power internet communication and it supports fully standard IPv6 and IPv4. With the Cooja simulator in CONTIKI platform, the sensors networks can be emulated before burned into hardware, and Instant CONTIKI provides an entire development environment. A first performed scenario consists on the water pipeline monitoring based on WSNs while maintaining low power consumption. The process of proposed solution begins with the detection of leak by sensor nodes placed inside and outside the pipeline. Then, the Cluster Heads (CH) collect information and submit it to the gateway. The aggregated data are transmitted to the control computer. The gateways have a relay role between the cluster heads and the control computer. It sent information for different adaptive devices. To have an efficient communication of sensor nodes, we applied RPL routing protocol based on IPV6 protocol. A first prototyping based on Arduino platform are also performed based on pressure sensors, piezo sensors and FPGA (Artix-7 FPGA: ARM processor). Running the SoC design on FPGA prototype is a reliable way that ensure that it is functionally correct. The single prototyping platform provide us a verification for hardware, firmware, and application software design functionality before the first silicon pass. We tested, also, this first prototype in real water pipeline demonstrator for our application. The demonstrator is formed with a rectangular section of pipes and two valves in inlet and outlet points' and 1000-m³ reservoir. To control the inlet and outlet water, we employ two flow meters. As the pipes are made at the same level, the water is moving along the pipes by an electrical pump with 1 hp motor providing up to 6 bar. Finally, the leaks are induced using two garden taps. As additional executed scenario deals with the fire forest detection. The process begin with the detection of different parameters using temperature and Carbon monoxide sensors. The sensors are placed in random manner in the forest. The detected information is send to CH. CH aggregates data and submit it to the gateway. The gateway in other step transmit data to the control computer. Then, the system analyzes the information and know that there is a fire and where it is and reacts by sending a burglar alarm. We can also consider others scenarios.

German-Turkish Chamber of Industry and Commerce

Organisation Name

Country	Turkey
City	Istanbul
Street	Yeniköy Cad. No: 88
Website	www.dtr-ihk.de
Phone	
Organisation Type	Association/Agency

Person

Name	Ebru Acar-Yekta
Email	ebru.acaryekta@dtr-ihk.de
Job Position	Foreign Affairs

Organisation Details

The German-Turkish Chamber of Industry and Commerce is an association founded in 1992. The Chamber is a non-profit organization, which combines three tasks under one roof:

1. Member's administration
2. Official representation of the German economy in Turkey
3. Services for member's and interested companies (e.g. Market researches; B2B meetings; Business partner searches; Business, Technical and Delegation trips; Event management; Education; Law&investment).

Until now, we, as the German-Turkish Chamber of Industry and Commerce, have no experience with EU projects, but we want to be part of it and support companies & institutions in their implementations.

Consider us as an experienced and reliable partner for projects in Turkey and Germany.

Ecole Supérieure des Communications de Tunis

Organisation Name

Country	Tunisia
City	Ariana
Street	Cite technologique des communications El Ghazala
Website	www.supcom.mincom.tn
Phone	
Organisation Type	University

Person

Name	Ghazel Adel
Email	adel.ghazel@supcom.tn
Job Position	Director Research Lab



Organisation Details

SUP'COM (Ecole Supérieure des Communications de Tunis) is an Elite Institute that belongs to the University of Carthage, Tunisia and ensures a high level of multidisciplinary engineering studies, PhD program and R&D in ICT. SUP'COM is an associated engineering higher school to the Institute Mines Telecom (France), member of the Conférence des Grandes Ecoles (France) and member of the Mediterranean network of engineering schools (RMEI). SUP'COM is also an accredited regional training center for professional IT certifications (Cisco, Microsoft, Linux, ...)

SUP'COM has around 1000 students, 100 faculty members, 350 researchers active in 7 research labs producing more than 300 scientific publications per year and participating to 30 International research projects with an active participation in several European projects.

SUP'COM signed nearly 40 partnership agreements with educational and research institutions over the world: Europe, Middle East, Africa, North America and Asia.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Cooperation Profiles

Partner: Generic and Self-Learning Sensor Fusion for Autonomous Vehicle in Smart City Application

The objective of the proposed project is to specify, to design, to implement and to test a generic and self-learning Sensor Fusion Unit. The Sensor Fusion unit will be designed to use the following three types of sensors: 24 GHz/77 GHz ADAS Radar, LIDAR and Smart Cameras with video analytics processing. The data coming from the different sensor sources shall follow a unified data model, which helps to abstract arbitrary sensor units. The data models shall feature configurable parameters so that the classical tradeoff between accuracy, complexity and real-time behavior can be adapted. The project activities are targeting an original design and the construction of an experimental demonstrator to be tested in a specific field conditions of a smart city application using autonomous vehicle. The project consortium will include university research Labs, innovative SMEs, Semi-conductor firms, automotive OEM and public smart city operators.

Partner: IoT Solution using generic and Self-Learning Sensor Fusion for Smart City Applications

The objective of the proposed project is to specify, to design, to implement and to deploy a Pilot site for smart city IoT solution optimized to ensure livability, financial sustainability and environmental responsibility. The Sensor Fusion unit will be processing data from multi-technology sensors including Radar, LIDAR and Video analytics. By considering challenging use case issues facing big cities the proposed IoT solution design will be targeting enhanced scalability and heterogeneity to connect, manage, and optimize complex sets of disparate sensors, devices, people and software solutions. The data coming from the different sensor sources shall follow a unified data model, which helps to abstract arbitrary sensor units. The data models shall feature configurable parameters so that the classical tradeoff between accuracy, complexity and real-time behavior can be adapted. Pilot deployment in three use cases will be considered to deliver a secure and scalable platform to unlock continuous new value for creating more efficient and cost effective municipal services, enhancing public transportation, reducing traffic congestion, and keeping citizens safe and more engaged in the community. The project consortium will include university research Labs, government city authorities, innovative SMEs, Semi-conductor firms, IoT System Integrators and Managed Service providers

TUBITAK

Organisation Name

Country	Turkey
City	İstanbul
Street	Aydınevler
Website	
Phone	
Organisation Type	Authority/Government

Person

Name	Ahmet ADIGÜZEL
Email	ahmet.adiguzel@tubitak.gov.tr
Job Position	Test Engineer



Organisation Details

The **Scientific and Technological Research Council of Turkey (TÜBİTAK)** is a national agency of [Turkey](#) whose stated goal is to develop "science, technology and innovation" (STI) policies, support and conduct research and development, and to "play a leading role in the creation of a science and technology culture" in the country. TÜBİTAK was founded in 1963 as an autonomous public institution, governed by a Science Board.

TÜBİTAK develops scientific and technological policies and manages R&D institutes, carrying on research, technology and development studies in line with "national priorities". TÜBİTAK also acts as an advisory agency to the Turkish government and acts as the secretariat of the Supreme Council for Science and Technology, the highest science and technology policymaking body in Turkey. Through monitoring and evaluating national and worldwide STI policies and by performing or commissioning research on policy making formulation methods, TÜBİTAK prepares STI policy proposals and carries out studies.

University of Lincoln

Organisation Name

Country	United Kingdom
City	Lincoln
Street	Brayford Pool
Website	http://staff.lincoln.ac.uk/aahmed
Phone	
Organisation Type	University

Person

Name	Amr Ahmed
Email	amrahmed_unis@yahoo.co.uk
Job Position	Senior Lecturer



Organisation Details

The School of Computer Science, University of Lincoln, is based on our picturesque waterfront campus in high-quality, newly-developed facilities. The School holds a broad range of expertise in Computing Technologies and Information Systems, including specialisms in robotics and autonomous systems, **computer vision**, **Video Analysis** and image engineering, **medical applications** of technology, social computing, games computing, cultural computing and business computing.

The [research](#) carried out by students and academics in the School of Computer Science is ground-breaking. In the most recent external Research Assessment carried out nearly two-thirds of our staff's publications were rated as being of "international quality" or "world leading". That is a fantastic achievement for a relatively new department and is evidence of our very rapid growth and the expertise of our lecturers and professors.

Our highly-active research centres feature world-leading developments in [computer vision](#), in [robotics and autonomous systems](#) and in [social computing](#), and we have strong links to many industrial collaborators and other universities around the world. We always try to incorporate our research findings into our taught curriculum wherever possible and under the banner of "[student as producer](#)" we give all students opportunities to get involved in this leading-edge and exciting work.

The school coordinate and participate in a number of EU-funded projects, including the H2020.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Cooperation Profiles

[Partner: Image/Video Analysis: Similarity, matching, annotation and retrieval, including Medical Image/Video.](#)

People capture a huge volume of images and videos regularly, with mobiles and similar devices. The ease of generating (or capturing) visual contents (images/videos) comes with the issue of coping with search, retrieve and mining of those generated volumes of images and videos. Mining these generated contents and harnessing their power is very crucial and promising to be very beneficial in various applications and domains; ranging from search engines to

Health-related applications. We would like to provide expertise in Image/Video Analysis; including enhancement, matching, similarity detection, and annotation. We offer the following expertise: * Efficient Video Similarity/Matching.* Video Semantic Annotation.* Integrating commonsense knowledge basis with the video analysis.* Image/Video processing and analysis for Health and Health monitoring applications.

Koc University

Organisation Name

Country	Turkey
City	İstanbul
Street	Rumelifeneri Yolu Sariyer
Website	www.ku.edu.tr
Phone	
Organisation Type	University

Person

Name	Suna Akbayir
Email	sakbayir@ku.edu.tr
Job Position	University Industry Collaboration Senior Specialist



Organisation Details

Koç University (KU) is an endowed, non-profit institution of higher education, located in Istanbul, Turkey. Founded in 1993 by the Vehbi Koç Foundation, its mission is to produce the most capable graduates by providing a world class education, to advance the frontiers of knowledge and to contribute to the benefit of Turkey and humanity at large. The University is located in two campuses both of which have rich facilities. Since its establishment, KU has quickly become one of the leading research universities in Turkey, attracting accomplished, high-caliber researchers from all over the world. The vast majority (97%) of 400 faculty members have received their Ph.D. degrees from the most highly selective and reputable universities in the world, including the United States and Europe. Currently, the university is ranked among the top three universities in Turkey in terms of the number of international research publications per faculty member per year, based on publications in peer-reviewed journals listed by the Institute of Scientific Information (ISI). From 2004 to October 2015, 598 research and implementation projects from various disciplines were funded by national, European and worldwide institutions. As of October 2015, KU is hosting 9 of the 15 active ERC Grants in Turkey (three Starting Grants, one Consolidator Grant and one Advanced Grant).

The University has collaborations with European universities through the financial support provided by the Framework Programs, which enhanced the research capacity of the institution. The University is committed to excellence in research and provides state of the art research facilities and intellectual environment to support research. Faculty members are strongly encouraged to invite international speakers to departmental seminar series and establish international connections.

Areas of Activity

Big Data and Content

- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: Koc University

Koç University is one of the leading universities in FP6 - FP7 and H2020 projects in Turkey. The researchers are very

experienced in collaborative and interdisciplinary research. We are very open to collaborate with other universities and companies for research projects.

METRO ISTANBUL

Organisation Name

Country	Turkey
City	ISTANBUL
Street	Fevzi Cakmak Mh Metro Sk NO3 Esenler
Website	www.metro.istanbul
Phone	
Organisation Type	Authority/Government

Person

Name	LUTFU AKCIL
Email	lutfu.akcil@metro.istanbul
Job Position	R&D Manager

Organisation Details

Metro Istanbul is the municipal railway operator in Istanbul. We are responsible for all the rail systems' operations and maintenance in Istanbul. We would like to give more services on public transportation in Istanbul. Mobile applications, passenger information systems, energy efficient projects, value added solutions might be co-operation topics.

Metro Istanbul wants participate in the projects both in R&D activities and/or as demonstrator.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Cooperation Profiles

Partner: [Metro Istanbul](#)

Railway, energy efficient transportation, passenger comfort, passenger information, mobile applications

VIKO ELEKTRİK VE ELEKTRONİK END. SAN. ve TİC. A.Ş.

Organisation Name

Country	Turkey
City	İstanbul
Street	Abdurrahmangazi Mah, Ebubekir Cad. No 44 Sancaktepe
Website	www.viko.com.tr
Phone	
Organisation Type	Company

Person

Name	ESİN AKDENİZ
Email	eakdeniz@viko.com.tr
Job Position	R&D Incentives Responsible

Organisation Details

VIKO ELEKTRİK ve ELEKTRONİK END. SAN. ve TİC. A.Ş. (Member of the Panasonic Group), İstanbul, TURKEY was founded in 1980 and is a supplier of lighting switches, power sockets and many other electrical products like electric meters and circuit breakers. The annual production covers 100 million electronic products for the household sector.

With the start of the year 2014, VIKO and Panasonic built up a strategic partnership and VIKO gained a place among Panasonic group companies. Panasonic, which was established in the year 1918, and which has the biggest market share in the Asia continent, took a step into the strategic partnership process with VIKO on the basis of the vision to be at the top in the low voltage sector around the world in its 100th year (2018). Panasonic, which currently ranks the second in the market, targets to fulfill its vision to expand to Europe, CIS countries and African markets and to be the number one around world with the high-end markets and the strategic position of VIKO by way of this partnership.

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Nart Bilisim

Organisation Name

Country	Turkey
City	Ankara
Street	ODTÜ TEKNOKENT MET YERLEŞKESİ Mustafa Kemal Mah. Dumlupınar Bulvarı No:280 E Blok 2/A
Website	www.technarts.com
Phone	
Organisation Type	SME

Person

Name	Fatma Akdogan
Email	fatma.akdogan@technarts.com
Job Position	Business Analyst

Organisation Details

The owner of the brand “TechNarts”, Nart Informatics was established in 2007. Moving to METU Technopolis in 2009, it continues its services in the information technology sector. Since its foundation, TechNarts is a leading company which differs from others with its strategy, working model, resource utilization and its approach to customer relations. This is managed by adding the system and needs analysis phases to the project management methodology which usually starts with the project planning phase. This way, the major focus is on consulting the companies lacking knowledge in information technology. Besides, the system efficiency is controlled by determining the business needs of customers not just by software development but also by fully analyzing and controlling change management processes.

Areas of Activity

Big Data and Content

- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Cooperation Profiles

[Coordinator: Product Track and Trace System \(TATS\)](#)

TATS will offer a unique solution to come over the social, health and economic impacts of counterfeit pharmaceuticals on a Europe wide level. With this approach, our innovation project will include the following aspects: Harmonised, standardized and centralised solution to track and trace packaged products, not only pharmaceuticals but foods, beverages, medical devices, cosmetics etc. can also be traced. Comprehensive scope of stakeholders which includes manufacturers, suppliers, distributors, consumers etc. A rule-based, customizable track and trace system which enables users to create their own tracking rules regardless of serialization standard preference, unique identifying method, machine-readable code, validation type, stakeholder structure etc. A holistic approach which provides a secure, interoperable, efficient, cost-effective and flexible traceability service to protect public health. Effective and efficient processes of a harmonized/umbrella system which is able to cover all flows, contains all standards and is compatible with all different regulations such as: Support for various standards such as GS1, ISO, NHRN Support for various machine-readable codes such as RFID, Data Matrix, Barcode, Banderol, Hologram etc... Support for various verification methods such as full-cycle traceability or consumer / inspector based verification Minimum localization costs Development of a secure as well as a user friendly system. As a result, prevention of counterfeit and its damages up to 100% around EU.

Okan University

Organisation Name

Country	Turkey
City	Istanbul
Street	Okan Üniversitesi Tuzla Kampüsü, 34959 Tuzla
Website	www.okan.edu.tr
Phone	
Organisation Type	University

Person

Name	B. Tevfik Akgun
Email	tevfik.akgun@okan.edu.tr
Job Position	Head of Computer Engineering Dept.

Organisation Details

Okan University is one of the biggest private universities of Istanbul. Number of registered students is up to 25.000.

Areas of Activity

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

TOFAŞ TURK OTOMOBIL FABRIKASI A.S.

Organisation Name

Country	Turkey
City	Bursa
Street	Yeni Yalova Yolu Cad. No: 574
Website	http://www.tofas.com.tr
Phone	
Organisation Type	Company

Person

Name	Emre AKILLI
Email	emre.akilli@tof.com.tr
Job Position	Technology & Innovation Expert

Organisation Details

Turkish automotive company Tofaş, whose foundations were laid by the founder of the Koç Holding Vehbi Koç in 1968, and which has equal shareholders as Koç Holding and FCA- Fiat Chrysler Automobiles, is one of the three world-wide strategic manufacturing centers of Fiat Auto. Tofaş represents the greatest value and power in the Turkish automotive sector without any dispute.

Being the second big industrial enterprise of Bursa and the leader company in "Turkish Automotive Industry". Tofaş is increasing its competitiveness progressively with more than 8000 employees, 700 employees of them work in R&D Center of TOFAS, 1 million square meters operation field, of which 350,000 square meters indoor area, an annual production capacity of 400,000 units.

Having one of the largest production capacities in Turkey, Tofaş is the only automotive company in Turkey that manufactures both passenger car and light commercial vehicle. Manufacturing for 6 global brands; Fiat, Peugeot, Citroen, Opel, Vauxhall and RAM, as part of Minicargo and the new Doblo projects, Tofaş also brings together 6 powerful global brands Fiat, Alfa Romeo, Lancia, Maserati, Ferrari and Jeep with the consumers in Turkey.

TOFAS focuses on; **Lightweighting, Electric Vehicle, Energy Consumption, Connectivity, ADAS, Product & Development Competitiveness, Industrial Technologies fields.**

The first Industry Company from Turkey being coordinator in FP7 Industrial Technologies Field. (<http://www.robopartner.eu>)

Other projects from EU Funding: <http://www.tofas.com.tr/en/RD/Pages/Cooperation/EUProjects.aspx>

TOFAS has more than 30 Local and International ongoing projects which are funded by TÜBİTAK (Local) and EU (under the programs: FP7, Eureka, M.Era.Net, H2020 etc.)

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)

Cooperation Profiles**Partner: TOFAS, as an Automotive OEM, can be end user for different calls**

TOFAS focuses on; Lightweighting, Electric Vehicle, Energy Consumption, Connectivity, ADAS, Product & Development Competitiveness, Industrial Technologies fields

TÜBİTAK MAM

Organisation Name

Country	Turkey
City	Kocaeli
Street	Dr. Zeki ACAR Cad.
Website	
Phone	
Organisation Type	Authority/Government

Person

Name	Senem Akkuş Çevikkalp
Email	senem.akkus@tubitak.gov.tr
Job Position	Researcher

Organisation Details

TÜBİTAK MAM Teklif ve Sözleşme Birimi

SYM Software

Organisation Name

Country	Turkey
City	Eskisehir
Street	ETGB Osmangazi Teknopark Binasi No:104
Website	www.sym.com.tr
Phone	
Organisation Type	SME



Person

Name	Ekrem Aksoy
Email	eaksoy@sym.com.tr
Job Position	CEO



Organisation Details

SYM Software, founded in 2006, provides Big Data, Distributed Systems and Machine Learning consultancy and turn-key project development solutions. SYM Software participated 3 EUREKA projects, 2 National Grants.

Areas of Activity

Big Data and Content

- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)

KEŞİF SMART TECHNOLOGIES

Organisation Name

Country	Turkey
City	BURSA
Street	ULUDAĞ ÜNİVERSİTESİ TEKNOLOJİ GELİŞTİRME BÖLGESİ
Website	http://www.mobilimsel.com/
Phone	
Organisation Type	SME

Person

Name	BÜLENT AKYÜREK
Email	kesif@yandex.com
Job Position	CEO

Organisation Details

KEŞİF Smart Technologies established in 2013 at Uludag University Technology Development Zone. We are working on R&D projects about smart technologies. We also develop mobile applications and specific softwares for our customers.

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

ICMS İnetaktif Cloud Medya Sistemleri AŞ.

Organisation Name

Country	Turkey
City	istanbul
Street	Katar caddesi Teknokent Arı 3 Sit. No:4 B/110
Website	www.iptvholding.com
Phone	
Organisation Type	Company

Person

Name	Servet Akçaalan
Email	servets@msn.com
Job Position	CEO

Organisation Details

Brief Summary: Affordable, Easy, Fast and Interactive way of broadcasting & internet television. ICMS provides broadcasting to internet users very quickly and economically.

Product/Service description: Live, Vod Encoder and Cloud broadcast system. Platform with a professional background that a channel can be ready to broadcast video or live streaming only in 5 minutes.

Omegatech

Organisation Name

Country	Greece
City	KALLITHEA ATHENS
Street	EL BENIZELOU 4
Website	www.omegatech.gr
Phone	
Organisation Type	SME

Person

Name	Theofanis Alexandridis
Email	fanis@omegatech.gr
Job Position	Owner



Organisation Details

Omega Technology has more than 25 years of experience in the IT sector in Greece, having contacted research in several state of the art technologies in the framework of National and European R&D projects. The company's R&D department has from 2005 is involved in the development of large scale projects utilizing Grid technologies, assisted living solutions, virtual reality applications, natural language processing tools and augmented reality services. Since 2002, the company has also conducted research for the digitization, annotation and management of museum collections. As result, the company bid successfully and implemented a number of projects for the digitization and preservation of content. Additionally the company provides expertise in Systems Integration and Communications as well as practical expertise in the fields of Validation and Trials. It is also offering a broad range of management and services including consulting, research and development, digitization, annotation and preservation of content, hardware supply and technical support. The company's research department is active in the R&D arena, in close cooperation with Academia and Research Institutes, running several R&D projects and market validation projects. Omega Technology has a proven record in conceptual system architecture, system design, software development, systems integration and systems evaluation. Has been involved as systems integrator and software developer in many European Projects. Having worked with different technologies and communication protocols in its latest research activities around Virtual Reality, it has managed to integrate different digital screens (Augmented Reality and Virtual Reality) in its solutions.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)

- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Cooperation Profiles

Partner: 3D Games and User Interfaces

Omega Technology uses game elements and techniques in non-game contexts to motivate engagement, participation and potentially drive behaviour towards predefined goals. To this endeavour the company participates to a number of National and European Research projects where it applies gamification and game mechanics in different domains. The company has experience with Unity3D Game Engine. Through programming in it, the company creates Games and more complex multipurpose platforms with simple and engaging interfaces for the users (available for iOS, Android, Windows, Mac Os and WebGL). Previous Experience in FP and H2020 Projects Project coordinator of Q-TALES (H2020-ICT-2014-1 - No 645588). A Collaboration Ecosystem enabling EU Creative SMEs to exchange multi-media content and create multi-plot, interactive Apps for Children, curated according to Reader ability and educational value

Partner: Robotics and IoT

Omega Technology offers innovative solutions for the Internet of Things (IoT) market. The company is focusing on user needs that are not yet build into new products. Research work is dedicated on exploiting potential and synergies of different technologies able to support people in daily needs and activities. The goal is to present low power systems able to track people behaviors and environmental data at an indoor and outdoor environment in real time. Previous Experience in FP and H2020 Projects Partner in I-SUPPORT (A SERVICE ROBOTICS SYSTEM FOR BATHING TASKS). The I-SUPPORT project (H2020-PHC-2014-single-stage) envisions the development and integration of an innovative, modular, ICT-supported service robotics system that supports and enhances frail older adults' motion and force abilities and assists them in successfully, safely and independently completing the entire sequence of bathing tasks.

Partner: Real time indoors localization

Omega Technology has finished developing its own localization and fall detection system. The project is named THESI (Position). It is a low power system that is able to track people moving on a grid at an indoor environment in real time. Users of the system are wearing a mobile unit and sensory data are sent to a server without introducing any intervention to the user's daily functions. Ability to integration more sensors. Expected Input by Potential Partner Looking for ideas and solutions that can be integrated with the the indoors localization system. Activity This research has been co-financed by Greece and the European Union (European Social Funds) through the Operational Program "Human Resources Development" of the National Strategic Framework (NSRF) 2007-2013.

Partner: Augmented Reality,Virtual Reality

We can undertake the development of the AR and VR dynamic applications using Unity3D game engine. Experience in back-end systems and integration with other platforms and components. The innovation offered is on our programming work to develop platforms that expose to the end-users the necessary tools to create AR and VR personalized applications with minimum effort through engaging interfaces

Turkcell Teknoloji Araştırma ve Geliştirme A.Ş.

Organisation Name

Country	Turkey
City	ISTANBUL
Street	Aydınevler M. İnönü C. No:36 Küçükyalı Ofispark C Blok Maltepe
Website	
Phone	
Organisation Type	Company

Person

Name	Özgün Algın
Email	ozgun.algin@turkcell.com.tr
Job Position	Research Projects Manager

Organisation Details

Turkcell Teknoloji, a wholly owned subsidiary of Turkcell, commenced operations in 2007 in the TUBITAK Marmara Research Center Technological Free Zone in Kocaeli, Turkey. In 2015, Turkcell Teknoloji consolidated its operations in Küçükyalı Ofispark Plaza, Maltepe, Istanbul, Turkey. Turkcell Teknoloji's new R&D center employs 700+ researchers (excluding part-time employees) who have been accredited by the Ministry of Science, Technology and Industry. Turkcell Teknoloji's established team of experts develops a wide range of convenient and reliable solutions with innovative roadmaps. Through integrated intelligence and high-performance capabilities, Turkcell Teknoloji's comprehensive portfolio addresses the following domains: SIM asset and services management, location-based services, value-added services, roaming solutions, big data processing, business intelligence applications, CRM solutions, network management, mobile finance, terminal applications, cloud solutions, mobile marketing machine-to-machine communication technologies and revenue management solutions.

TURKCELL Technology is standing out as one of Turkey's leading R&D and innovation companies. The emergence of many critical and relatively new forces in the IT world is stretching the capacity of IT beyond its limits. The benefits of transitioning existing technology projects and skills to a consumerized style will be realized through coordinating the use of technology and collaboration. Digital era is the new age ahead of us. In this era, new collaboration models will define the competition, within this approach "Networked R&D" is the dynamo of this eco-system. We define our collaboration eco-system by bringing actors from different expertise from all over Europe to complete ours. Turkcell Technology is board member of two important industry driven Eureka clusters, ITEA and CELTIC Plus. As a board member, Turkcell gives strategic direction to these bodies and also takes part in highly competitive R&D projects.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: -

-

TÜBİTAK KAMU SM

Organisation Name

Country	Turkey
City	Kocaeli
Street	TÜBİTAK Gebze Yerleşkesi
Website	
Phone	
Organisation Type	Authority/Government

Person

Name	Asım Altunbaş
Email	asim.altunbas@tubitak.gov.tr
Job Position	Head of Communication Unit

Organisation Details

Kamu SM - Public Certification Authority was established in 2005 within Ulusal Elektronik ve Kriptoloji Araştırma Enstitüsü (UEKAE) a subsidiary of Türkiye Bilimsel ve Teknolojik Araştırma Kurumu (TUBITAK). Kamu SM is authorized by the Telecommunications Authority to operate according to the act of Electronic Signature Law 5070 published on January 15, 2004. TUBITAK UEKAE, has been assigned by government to create Kamu SM for its competency in areas of information security and electronic signature technologies.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

CARDTEK

Organisation Name

Country	Turkey
City	İSTANBUL
Street	İTU AYAZAGA KAMPUSU ARI3 TEKNOKENT
Website	www.cardtek.com
Phone	
Organisation Type	Company

Person

Name	SİNEM ALTUNCU
Email	sinem.altuncu@cardtek.com
Job Position	COUNTRY MANAGER TURKEY

Organisation Details

SOFTWARE COMPANY

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

TUBITAK Marmara Research Center (MAM) Energy Institute

Organisation Name

Country	Turkey
City	Gebze Kocaeli
Street	Dr.Zeki Acar Caddesi
Website	
Phone	
Organisation Type	R&D Institution



Person

Name	M. Ufuk Altunkaya
Email	ufuk.altunkaya@tubitak.gov.tr
Job Position	Senior Researcher

Organisation Details

Since its establishment in 1972, TÜBİTAK MARMARA RESEARCH CENTER (MAM) performs its operations in “TÜBİTAK Gebze Campus” in the City of Kocaeli. The Center aims at becoming a world leader in science and technology production with its research, development and innovation capabilities widely shared by its Environment and Cleaner Production Institute, Energy Institute, Genetic Engineering and Biotechnology Institute, Food Institute, Chemical Technology Institute, Materials Institute and Earth and Marine Sciences Institute.

Energy Institute performs its research and development activities with two teams one in Gebze and one in Ankara. The mission of the institute is to be a leading and competent research center conducting applied research and development projects in energy technologies. Its vision is to conduct researches and developments in energy technologies with contemporary information and technological methods, in line with the sustainable development goals of Turkey. The institute aims to lead the development of energy technologies domestically in parallel with Turkey’s development goals for 2023 and to develop projects for these goals. Energy Institute cooperates with the other units of Marmara Research Center and TÜBİTAK and with domestic and foreign organizations conducting energy researches and applications in order to continuously improve the infrastructure and project development potentials in these fields.

Robotics & Automation Technologies Research Group is established under Energy Institute. The main research area of the group is underwater robotics. The group has also activities on unmanned sea, land and air vehicles.

Areas of Activity

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)

Universal Bilgi Teknolojileri

Organisation Name

Country	Turkey
City	Istanbul
Street	Erzincan Sokak
Website	http://www.uni-yaz.com
Phone	
Organisation Type	SME

Person

Name	Serkan Altuntaş
Email	saltuntas@uni-yaz.com
Job Position	R&D Personnel

Organisation Details

Creating software solutions for municipalities and infrastructure services.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Proline Bilişim Sistemleri ve Tic. A.Ş

Organisation Name

Country	Turkey
City	İstanbul
Street	Serifali
Website	
Phone	
Organisation Type	SME

Person

Name	Filiz Altın
Email	filiz.altin@pro-line.com.tr
Job Position	Researcher



Organisation Details

Proline Integrated Intelligence "(Proline)" was established in 2003, as a system integrator as well as a self-developer of its own city security system software, geographic information systems, biometric features of electronic identifications that enables the live scanning of finger prints, traces of blood vessels, palm print etc. Beside all these, Proline is one of the leading Research and Development Centers in Turkey, and continues its all operations in Middle East, North Africa and Asia regions as well. Proline has also carried out the electronic passport (e-Passport) for Turkish Republic and the electronic identification technology project, performed in Bolu. Proline has developed its own social media data collector product MeaMinds which offers collecting and understanding data from a single platform in Turkish. Proline provides all these services from its Head Office in Istanbul, Region Office in Ankara, Proline Qatar and Proline Pakistan. Apart from all these services Head Office of Proline was awarded as the R&D Center in 2011 by the Ministry of Science, Industry and Technology. Proline organized Turkey's first Biometrics Summit 2012 which was held on November 19, 2012 at Istanbul Marriott Hotel Asia and Istanbul Biometrics Conference which took place on May 29-30, 2013.

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: Geospatial/Geographic Information Systems- Satellite-Remote Sensing

Proline Integrated Intelligence would like to be a part of international projects. Proline solutions mainly on Infrastructure and Security, ICT, Defense Industry Solutions. GIS, and geospatial technologies and projects are also a part of all. Proline successfully completed lots of GIS based projects and still working on many others. Remote Sensing tools and data sources are also very crucial to process on geospatial data evaluation. Especially on remote sensing area (since we have used RS data sources for years, we need to go further like processing Hyperspectral data, LiDAR data, UAV etc., it will be decided regarding to project), Proline would like to get support on processing and evaluation of new/innovative RS data for any possible project theme, or can be a partner of any project related to its profession and looking for partner and coordinator.

Organon Analytics

Organisation Name

Country	Turkey
City	İstanbul
Street	Esra
Website	
Phone	
Organisation Type	Company

Person

Name	Ömer Faruk Alış
Email	omer.alis@organonanalytics.com
Job Position	CTO

Organisation Details

Organon Analytics is an analytics company, creating predictive intelligence from vast volumes of data. This intelligence is mostly in the form of statistical models that are derived from actual data. Organon operates in two primary fields:

- 1 - Providing consultancy at all phases of an analytics project.
- 2 - Developing software that can be used to create predictive intelligence. Hence, Organon Analytics is both a consultancy company, and a software development company in business analytics sphere.

How does Organon position itself, and differentiate itself from its competitors? Following page contains Organon Analytics' **Manifesto**, a distilled brief of our values, principles, and practices.

Federal Smart

Organisation Name

Country	Turkey
City	istanbul
Street	Atatürk Bulvarı
Website	www.federalsmart.us
Phone	
Organisation Type	Company

Person

Name	Erhan Ark
Email	erhan.ark@federalsmart.us
Job Position	CEO



Organisation Details

We are providing RFID and IoT Software Solutions. AKDENIZ is our IoT Platform that able to be used for verious of R & D Projects. It is flexible, tested and testified.

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: IoT Software Vendor

We are providing IoT Software Solutions. AKDENIZ is our IoT Platform that able to be used for verious of R & D Projects. It is flexible, tested and testified.

Partner: RFID Based Smart City Solutions

We are developing Smart City Solutions based on RFID technology.

TAGES

Organisation Name

Country	Turkey
City	Istanbul
Street	Sümer Korusu Yeni Çamlık Evleri 66, Tarabya
Website	www.tages.biz
Phone	
Organisation Type	Consulting

Person

Name	Leyla Arsan
Email	leyla.arsan@tages.biz
Job Position	CEO



Organisation Details

TAGES provides project management, consulting, R&D and innovation management services for SMEs, companies, NGOs, public organizations and local authorities, academic and research institutions since 2002. TAGES has an extensive knowledge and experience of its team on ICT more than 25 years, EU and International Funding, with a wide industrial and R&D network in Europe. TAGES also provides mentoring and coaching services to the SMEs, Start-Ups and young entrepreneurs.

TAGES competencies are mainly on innovation management, R&D&I project development and management, cooperative network management, user requirements, pilot implementations and user evaluations of innovative products and services, dissemination and exploitation of R&D&I projects results, project proposal preparation for funding programs, innovation assessment and audits, Open Innovation strategy and program implementation, technology foresight, ICT based innovative application and services on Smart Cities, Open and Linked Data, Interoperability, Big Data and IoT.

TAGES can be both an innovation partner for its clients or a consultant for their R&D and innovation activities.

TAGES is a member of FINES Cluster, NESSI and NEM European Technology Platforms. TAGES is also registered as a DSI (Digital Social Innovation) Institution.

TAGES has success stories in EU Projects like; **FP6 EASIER**-Engaging regional SMEs within the ICT sector in EU research Project where brought together around 400 European ICT researchers and SMEs in a big ICT event and supporter 90 SMEs in participation to 50 FP7 projects and prepared and submitted project final management report successfully. **FP6 FIRE**- Facilitating Innovation in Renewable Energies Project for supporting SMEs. TAGES consulted MIB (Machine Manufacturers Association of Turkey) in **FP6 VERITAS**-Virtual Enterprises for Integrated Industrial Solutions Project by establishing 2 cooperative networks in machinery industry and managing them. **FP7 ROK Project AG-FORISE**-AGroFOod Clusters Platform with Common Long-Term Research and Innovation Strategy towards Economic Growth and Prosperity Project where has a role as a partner in financial and activity management, dissemination and exploitation. **FP7 COIN** -Collaboration & COllaboration and INteroperability for networked enterprises Project where consulted LODER (Logistics Association of Turkey) to prepare and coordinate the pilot implementations. Collaborated with TURSAB (Association of Turkish Travel Agencies) in **FP7 Linked2Media** Project and carried out administrative and financial management of the project. **CIP ICT PSP CitySDK**- Smart City Service Development Kit Project where has role to engage the developer community and organize the hackathon events. **CIP ICT PSP RADICAL** - Rapid Deployment for Intelligent Cities and Living where performed the analysis of stakeholders' requirements and requirements for Pilot operations, user evaluation tasks and planning of sustainability and replicability of the services. TAGES also successfully managed and coordinated national projects such as **ICT Valley Feasibility** Project funded by the Turkish Ministry of Trade and Commerce, where coordinated the feasibility of an ICT Valley which will be established in Turkey, **Istanbul Information Society Watchdog Group** Project funded by Istanbul Development Agency (2012-2013) where carried out the project management and coordination activities and designed and implemented the watchdog methodology and **Digital Agenda Going Local for Turkey** Project sponsored by Turk Telekom, where carried out the project management and coordination activities. TAGES is currently working as a partner in **CIP ICT**

PSP OPENISME (Open Innovation for Innovative SMEs) Project and helping SMEs to solve their R&D problems. TAGES is a member of FINES Cluster, NESSI and NEM European Technology Platforms. TAGES is also registered as a DSI (Digital Social Innovation) Institution.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Istanbul Technical University

Organisation Name	
Country	Turkey
City	Istanbul
Street	Ayazaga Campus
Website	
Phone	
Organisation Type	University

Person	
Name	Jale Arslan
Email	arslanj@itu.edu.tr
Job Position	Expert

Organisation Details

ITU is a very long-established higher education institution and presents a powerful research base for scientists and for prospective researchers with its highly-developed research infrastructure. Providing technical education within a modern educational environment and strong academic staff, ITU is strongly identified with architectural and engineering education in Turkey. ITU is one of the leading research-intensive technical universities in Turkey.

Being Turkey's first technical university, ITU aims to create a new generation of technology and innovation to drive economic growth by conducting value-added and industrially applicable research. ITU's researchers carry out research in the fields of engineering, core sciences, earth/planetary sciences, arts and social sciences. Particular research areas, in which the ITU researchers pursue discoveries and implement projects, are materials science, nanotechnology, aeronautics, mechatronics, biotechnology, renewable energy, sustainable building systems and design.

ITU is one of the leading research-intensive technical universities in Turkey. Regarding EU funded research; ITU currently has 22 projects from 6th Framework Programme, 47 projects from 7th Framework Programme, 4 projects from MEDA Programme, 2 projects from MINERVA Programme, 1 project from Leonardo Da Vinci Programme, 1 project from MATRA Programme, 1 project from Grundtvig Programme, 1 Project from Youth in Action Programme and 1 project from Black Sea Cross Border Cooperation Programme, 5 project from Erasmus Intensive Programme, 9 projects from Horizon 2020 Programme. Besides, ITU is actively involved in wide range of national projects. In this respect, ITU has around 7600 projects funded by different national research programmes since 2003.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & bench-

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

- marking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
 - ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
 - ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Saving Inovasyon A.S.

Organisation Name

Country	Turkey
City	Istanbul
Street	Mandira Cad no 210 Merdivenkoy
Website	
Phone	
Organisation Type	SME

Person

Name	Sinan ASMALI
Email	sinanasmali@gmail.com
Job Position	ENGINEER

Organisation Details

We are a company established to develop new technologies, to carry out and produce R & D activities.

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Coordinator: Control Indoor Use Products

We are a company that develops household saving products. There is a search for a partner for the software and hardware support required for these products to communicate with the users.

TUBITAK BILGEM

Organisation Name

Country	Turkey
City	Kocaeli
Street	Baris mah.
Website	
Phone	
Organisation Type	Authority/Government

Person

Name	Merve Astekin
Email	merve.astekin@tubitak.gov.tr
Job Position	Senior Researcher

Organisation Details

Consisting of more than 1600 staff , more than 80% of whom are R&D staff , TÜBİTAK BİLGEM operates on information technology, information security and advanced electronics. Based upon its experience exceeding 40 years, the center is now one of the most competent R&D centers of Turkey.

The institutions within BİLGEM have so far attained hundreds of project achievements in the fields of information security, software and telecommunication. These institutions are namely the National Research Institute of Electronics and Cryptology (UEKAE), the Information Technologies Institute (BTE), The Advanced Technologies Research Institute (İLTAREN), The Cyber Security Institute (SGE) and The Software Technologies Research Institute (YTE).

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

PROFEN ILETISIM

Organisation Name

Country	Turkey
City	ISTANBUL
Street	FAMAS PLAZA A BLOK KAT: 10 NO:35 OKMEYDANI
Website	www.profen.com
Phone	
Organisation Type	SME

Person

Name	AHU ATAKAN
Email	ahu.atakan@profen.com
Job Position	PROJECT MANAGER



Organisation Details

Profen is a group of companies that offers system integrations and technology services in the field of satellite communications with its in-house Research & Development.

We have following disciplines;

- RF / Microwave Engineering
-
- Software Engineering
-
- Embedded Systems Engineering
-
- Control Systems Engineering
-
- Mechanical Design Engineering
-
- Electronical Hardware Engineering

Areas of Activity

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Progin Technologies

Organisation Name

Country	Turkey
City	Istanbul
Street	Teknopark Istanbul, No:1A 307, Sanayi Mah., Pendik Istanbul
Website	www.progin.com.tr
Phone	
Organisation Type	SME

Person

Name	Ismail Cem Atalay
Email	ismail.atalay@progin.com.tr
Job Position	Geeneral Manager

Organisation Details

Progin Technologies is an embedded system software company dedicated to innovation. Progin Technologies strive for a safer, better and more comfortable world by bringing the power of programmable intelligence into everyday life via advanced embedded systems. Our company HQ is in Technopark İstanbul that is one of the most modern and leading edge R&D facilities in Turkey. Progin Technologies works with best of breed and market leader solution partners.

Our company's primary focus has always been SW/IP development towards advanced driver assistance systems, semi-autonomous driving and vehicular communications. Progin is the first and only Turkish company dedicated to these area and has already developed patented retrofit ADAS solution named as Transafe. Transafe is the world's only retrofit ADAS solution providing forward collision and road departure warning for all types of vehicles under all road/visibility conditions. Our company has obtained three government research grants so far with total budget of 700K USDs. Our work towards automotive grade ADAS subsystems is ongoing with local partners. We are open to all types of commercial and R&D cooperations in the area of ADAS and ITS.

Areas of Activity

Big Data and Content

- ICT-16-2017 (RIA) Big data PPP (33 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)

Cooperation Profiles

[Partner: Progin Technologies ITS, V2X and Traffic Safety](#)

We are interested with IoT and Big Data projects within ITS, V2X and traffic safety framework.

Kuveyt Türk Participation Bank

Organisation Name

Country	Turkey
City	Kocaeli
Street	Cumhuriyet Mah. Özgürlük Cd. 11/A Çayırova
Website	www.kuveytturk.com.tr
Phone	
Organisation Type	Company

Person

Name	Murat Atanak
Email	murat.atanak@kuveytturk.com.tr
Job Position	IT Manager

Organisation Details

Kuveyt Türk Participation Bank with its R&D Center always seeks for the challenging and innovative high-tech R&D Projects

Areas of Activity

Big Data and Content

- ICT-16-2017 (RIA) Big data PPP (33 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: [Kuveyt Türk R&D Center](#)

Trakya University

Organisation Name

Country	Turkey
City	Edirne
Street	Kocasinan Mah. 25.Sokak, No:7, Yalkin Apt., D:3
Website	
Phone	
Organisation Type	University

Person

Name	Cenk ATLIG
Email	cenk.atlig@gmail.com
Job Position	Faculty Member



Organisation Details

We are group of scientist spread around Turkey & EU.

Our center is located in Edirne, Turkey.

Our field of expertise is Distributed Systems & Cognitive Science & development of related software.

We have number of related publications & completed various projects in these fields.

We are currently working with number of projects.

In addition to our current projects,

We intend to start/cooperate more projects on following topics

- Cracking the language barrier (ICT 17, in Horizon 2020)
- Technologies for better human learning and teaching (ICT 20, in Horizon 2020)

SOME of Our PUBLICATIONS

Atlig, C., Kılıçaslan, Y., and Tuna, G., "Toward a Formalization of FrameNet in Situation Theory," *International Journal of Languages, Literature and Linguistics*, Vol.2, No.3, pp.104-108, 2016.

Atlig, C., "Asansörlerde Yenilikçi Nesnelerin İnterneti Uygulamaları," *Elevator World Turkey*, November-December 2016, pp.122-130.

Atlig, C., *Yeni Nesil Ağa-Bağlı Cihazların Asansör Sistemlerine Etkileri*, Asansör Sempozyumu 2016, 13-15.Ekim.2016, İzmir, Turkey, pp.111-115.

Atlig, C., *Pest Monitoring and Handling System Based on 4G Mobile System*, 19th International Sunflower Conference (ISC 2016), 29.May-03.June. 2016, Edirne, Turkey.

Atlig, C., *Towards the High-End Intelligent Learning Environments*, 3rd International Conference "Education across Borders" Education and Research across Time and Space, 06-07.October.2016, Bitola, Macedonia.

Kılıçaslan Y. & E.S. Güner, "Filtering Machine Translation Results with Automatically Constructed Concept Lattices", *Proceedings of 8th International Conference on Concept Lattices and Their Applications (CLA 2011)*, Nancy, France, (2011).

Güldal, H., Y. Kılıçaslan, E. S. Güner & B. Çetin, "Collective Usage of Different Classification Algorithms on the Performance of Anaphora Resolution", *Proceedings of 10th Special Focus Symposium on ICESKS: Information, Communication and Economic Sciences in the Knowledge Society*, Zagreb, Croatia, (2010). Emınağaoğlu M., Y. Kılıçaslan, E.

Uçar, and E.S. Güner, "Using Machine Learning Techniques for Information Security Risk Analysis", *Proceedings of Human Factors in Information Security, Elsevier, (Abstract)*, London, (2010).

Kılıçaslan, Y., Ö. Uçar, E. S. Güner, "An NLP-based 3D Scene Generation System for Children with Autism or Mental Retardation", *The Eighth International Conference on Artificial Intelligence and Soft Computing*, (Published in: *Artificial Intelligence and Soft Computing - ICAISC 2008*, Springer LNAI 5097, L. Rutkowski, R. Tadeusiewicz, L. A. Zadeh, J. M. Zurada (Eds.)).

E. Uçar, C. Atlig, Y. Kılıçaslan, "A Computer-Based Library For the Blind," *IEEE Pervasive Computing*, vol. 6, no. 1, Jan-Mar, 61-62, (2007).

Kılıçaslan, Y., Ö. Uçar, E. Uçar ve E. S. Güner, "Visualization of Turkish for Autistic and Mentally Retarded Children," *Proceedings of the 2nd International Conference on Pervasive Computing Technologies for Healthcare*, Tampere, Finland, (proceedings on CD-ROM), (2008).

Uçar, Ö., E. Uçar, C. Atlig ve Y. Kılıçaslan, "An Informatics Technologies Aided Application for Preschool and Primary School Education," *Proceedings of the 2nd International Conference on Integration of Information Technology into Science Education*, Gazimagosa, January 16-18, (proceedings on CD-ROM), (2007).

Kılıçaslan, Y. and E. S. Güner. Filtering Machine Translation Results with Automatically Constructed Concept Lattices. *The 8th International Concept on Concept Lattices and Their Applications*, (2011).

Güldal, H., Y. Kılıçaslan, E. S. Güner & B. Çetin, "Collective Usage of Different Classification Algorithms on the Performance of Anaphora Resolution", *Proceedings of 10th Special Focus Symposium on ICESKS: Information, Communication and Economic Sciences in the Knowledge Society*, Zagreb, Croatia, (2010).

Kılıçaslan, Y., E. S. Güner, S. Yıldırım, "Learning-Based Pronoun Resolution for Turkish with a Comparative Evaluation", *Computer Speech and Language*, Elsevier, (2009).

Kılıçaslan, Y., "A Situation Theoretic Approach to Case Marking Semantics in Turkish," *Lingua*, Elsevier, 116, 112-144, (2006).

Kılıçaslan, Y., "Syntax of Information Structure in Turkish," *Linguistics*, 42(4), Berlin, Mouton de Gruyter, 717-765, (2004).

SOME of Our COMPLETED PROJECTS

"Otistik ve Zihinsel Engelli Çocukların Eğitimini Destekleme Amaçlı Doğal Dil ve Görüntü İşleme Sistemi", *Trakya Üniversitesi Bilimsel Araştırma Projeleri (TÜBAP - 760)*.

"Türkçe için Derlem Tabanlı Bir Anafor Çözümleme Çalışması", *Trakya Üniversitesi Bilimsel Araştırma Projeleri (TÜBAP - 894)*.

"Bir Kelime anlamı belirginleştirme modülü geliştirilmesi", *Trakya Üniversitesi Bilimsel Araştırma Projeleri (TÜBAP - 2008/117)*.

"Trakya Üniversitesi Merkez Kütüphanesinde Bilgisayar Destekli Görme Engelliler Kitaplığı Kurulması", *Trakya Üniversitesi Bilimsel Araştırma Projeleri (TÜBAP -761)*.

"Bilişim Teknolojilerinin İşitme Engellilerin Eğitime Etkisinin İncelenmesi", *Trakya Üniversitesi Araştırma Fonu (TÜBAP - 860)*.

"Zihinsel Engelli Çocukların Uzaktan Eğitimi ve Web Tabanlı Bir Yazılım Sisteminin Geliştirilmesi", *Trakya Üniversitesi Bilimsel Araştırma Projeleri (TÜBAP - 895)*.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

the creative industries (17 mill €)

- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Cooperation Profiles

Coordinator: Toward high-end ontology systems and smart devices

Ontology is an important concept in general and for computer science in particular. Since the use cases and application of big data and robotic applications increase tremendously, construction of appropriate ontology is crucial. We have studied these issues and develop some frameworks on these issues. Based on our experience we would like to develop new ontologies that are going to be used for big data, IoT and robotic systems.

Coordinator: Cracking the Language Barrier Between Researchers, Human-Computer and Computer-Computer Communication

Communication is an essential tool to understand external entities. People use human language such as English, Turkish, Greek and Italian. This is not the case for artificial entities. After the digital age, human-computer interaction has become very popular. In last few years, more advance communication form, computer-to-computer, arise. This is also known as machine-to-machine communication, where different artificial artefacts communicate with each other. It is not a trivial task to interact with different entities that contain heterogenous structures. For instance, they may have completely different platforms, programming languages, operating systems, computer networks, middleware, etc. Thus, this complex machine-to-machine communication need to be addressed. We offer to develop an ontology to answer this problem. Based on our experience, developed system will be utilized in big data, IoT and robotic systems.

Kingston University

Organisation Name

Country	United Kingdom
City	London
Street	Friars Avenue
Website	www.kingston.ac.uk
Phone	
Organisation Type	University

Person

Name	Andy Augousti
Email	augousti@kingston.ac.uk
Job Position	Professor of Applied Physics and Instrumentation



Organisation Details

The University conducts research in a wide range of areas that are of interest to the calls noted below. We have excellent facilities for conducting both practical and modelling work, and many international links. The Faculty of Science, Engineering and Computing has over 400 staff, many of whom research in relevant related areas, and with several large current EU grants (<1MEuro).

Areas of Activity

ICT Key Enabling Technologies

- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)

Cooperation Profiles

Partner: [Advanced liquid characterization analytical equipment for process monitoring and control](#)

Novel prototypes that enhance photonic detection by combination with ultrasound have been developed for improved characterisation, monitoring and detection of trace substances. The combined methods have wide applications in the food, drug, pharmaceutical, perfume, oil, water, and fuel industries. We require partners who have an interest in analytical detection methods that utilise photonics and sensing to help us to install and characterize the performance of the system in a range of real application areas. The system is quick, uses small volumes, and produces results in a few seconds. It can be used for quality control, detection of fake substances, detection of contamination or adulteration, and process monitoring. We are also looking for partners to assist with system development and construction and data processing and visualization.

Fraunhofer Institute for Reliability and Microintegration (IZM)

Organisation Name

Country	Germany
City	Berlin
Street	Gustav-Meyer-Allee 25
Website	www.izm.fraunhofer.de
Phone	
Organisation Type	R&D Institution

Person

Name	Asaf Avnon
Email	asafavnon@izm.fraunhofer.de
Job Position	PhD. Candidate

Organisation Details

As part of the Fraunhofer-Gesellschaft, Fraunhofer IZM specializes in applied and industrial contract research. Fraunhofer IZM's focus is on packaging technology and the integration of multifunctional electronics into systems.

The institute has a staff of more than 350 and saw a turnover of 28.1 million euros in 2015, of which 76 percent was earned through contract research. Fraunhofer IZM has four sites in Germany. Apart from its headquarters near Berlin Mitte, the institute is also represented in Dresden and Munich, both strategically important centers for electronics development and manufacturing. A research group based at the Berlin technology park Adlershof fosters close ties to optical technology companies and research institutes.

The four Fraunhofer IZM departments promote internationally cutting-edge technology development. The departments jointly work on application areas and key development topics, ensuring the research is advanced across technologies. In key development topics, the Fraunhofer IZM researchers monitor and develop highly promising research questions, paving the way for future projects with industry.

Here, Fraunhofer IZM benefits from its close cooperation with the Technischen Universität Berlin and other scientific institutes. Fraunhofer IZM has cooperated on highly productive preliminary research with the TU Berlin since its establishment, and the close relationship between the institute and university is best illustrated by the current practice of appointing a joint IZM institute head and TU university professorship.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics tech-

nologies (19 mill €)

- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Cooperation Profiles

Coordinator: NG-Phox

Application driven core photonic technology developments for a new generation of photonic devices (including components, modules and sub-systems) for agile Petabit/s Optical Core and Metro Networks. The objective is to develop new photonic technologies for metro and core networks allowing capacities of Pb/s per node, and Tb/s per channel and 100 Tb/s per link over increased transport distances, while supporting network programmability features and fitting network operator requirements and roadmaps. Actions should include all new device developments for the envisaged network architecture. The action should also lead to network solutions with an energy consumption and equipment footprint reduction by more than 10 and a significant reduction in network cost. Actions may include system, network, control and security level aspects to the extent necessary for the action.

Coordinator: NG-PLATON

Photonics KET 2017 - ICT-30-2017 PICs for 100Tb/s Router

Partner: PIC design

RF / Photonic

Partner: Photonics packaging

panel level wafer level

Partner: Electro-optical circuit board

Optical PCB based on polymer optical waveguides (single mode, multi mode)

Partner: Embedding of electro optical components

in panel in wafer

Fraunhofer Institute for Reliability and Microintegration (IZM)

Organisation Name

Country	Germany
City	Berlin
Street	Gustav-Meyer-Allee 25
Website	
Phone	
Organisation Type	R&D Institution

Person

Name	Asaf Avnon
Email	asaf.avnon@izm.fraunhofer.de
Job Position	PhD. Candidate

Organisation Details

As part of the Fraunhofer-Gesellschaft, Fraunhofer IZM specializes in applied and industrial contract research. Fraunhofer IZM's focus is on packaging technology and the integration of multifunctional electronics into systems.

The institute has a staff of more than 350 and saw a turnover of 28.1 million euros in 2015, of which 76 percent was earned through contract research. Fraunhofer IZM has four sites in Germany. Apart from its headquarters near Berlin Mitte, the institute is also represented in Dresden and Munich, both strategically important centers for electronics development and manufacturing. A research group based at the Berlin technology park Adlershof fosters close ties to optical technology companies and research institutes.

The four Fraunhofer IZM departments promote internationally cutting-edge technology development. The departments jointly work on application areas and key development topics, ensuring the research is advanced across technologies. In key development topics, the Fraunhofer IZM researchers monitor and develop highly promising research questions, paving the way for future projects with industry.

Here, Fraunhofer IZM benefits from its close cooperation with the Technischen Universität Berlin and other scientific institutes. Fraunhofer IZM has cooperated on highly productive preliminary research with the TU Berlin since its establishment, and the close relationship between the institute and university is best illustrated by the current practice of appointing a joint IZM institute head and TU university professorship.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)

- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Cooperation Profiles

Coordinator: NG-Phox

Application driven core photonic technology developments for a new generation of photonic devices (including components, modules and sub-systems) for agile Petabit/s Optical Core and Metro Networks. The objective is to develop new photonic technologies for metro and core networks allowing capacities of Pb/s per node, and Tb/s per channel and 100 Tb/s per link over increased transport distances, while supporting network programmability features and fitting network operator requirements and roadmaps. Actions should include all new device developments for the envisaged network architecture. The action should also lead to network solutions with an energy consumption and equipment footprint reduction by more than 10 and a significant reduction in network cost. Actions may include system, network, control and security level aspects to the extent necessary for the action.

TÜBİTAK BİLGEM

Organisation Name

Country	Turkey
City	KOCAELİ
Street	GEBZE
Website	www.bilgem.tubitak.gov.tr
Phone	
Organisation Type	R&D Institution

Person

Name	Alper Ay
Email	alper.ay@tubitak.gov.tr
Job Position	Business Development Manager

Organisation Details

BİLGEM Informatics and Information Security Research Center

R&D Organization

Consisting of more than 1600 staff , more than 80% of whom are R&D staff , TÜBİTAK BİLGEM operates on information technology, information security and advanced electronics. Based upon its experience exceeding 40 years, the center is now one of the most competent R&D centers of Turkey.

Success Beyond National Boundaries

The institutions within BİLGEM have so far attained hundreds of project achievements in the fields of information security, software and telecommunication. These institutions are namely the National Research Institute of Electronics and Cryptology (UEKAE), the Information Technologies Institute (BTE), The Advanced Technologies Research Institute (İLTAREN), The Cyber Security Institute (SGE) and The Software Technologies Research Institute (YTE). Thanks to the projects of the aforementioned institutes, Turkey has become one of the few countries declaring its technological independence in the fields of information security and informatics.

Products and solutions developed by BİLGEM have gone beyond the country's border, being used by many European and Asian countries and NATO as well.

In other words, Turkey is no more a country which only imports informatics and information security; but also competes with the world's leading countries in this regard.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
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- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
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- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

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Robotics and Autonomous Systems

- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & bench-

marking actions, safety certification (11 mill €)

- ICT-27-2017 (PCP) System abilities, SME & bench-marking actions, safety certification (7 mill €)

Aktifbank Research&Development Center Division

Organisation Name

Country	Turkey
City	Istanbul
Street	Buyukdere Cad. No:163 Zincirlikuyu
Website	www.aktifbank.com.tr
Phone	
Organisation Type	R&D Institution

Person

Name	Deger Ayata
Email	deger.ayata@aktifbank.com.tr
Job Position	Research & Development Center Director

Organisation Details

Biggest Investment bank with Research &Development Center, specialized in Big Data, Machine Learning, smart City, Banking and Finance technologies

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Netaş A.S.

Organisation Name

Country	Turkey
City	Istanbul
Street	Osmanli Bulvari
Website	www.netas.com.tr
Phone	
Organisation Type	Company

Person

Name	Hakan Aydemir
Email	haydemir@netas.com.tr
Job Position	RnD, Manager



Organisation Details

Netaş is a sector leader of Turkey with strong R&D capabilities on Telecommunication and ICT products and solutions for more than 1500 domestic and international customers from America, Europe, Africa and Asia with 20% YOY CAGR. Netaş awarded company on 'Best Telecommunication R&D' and 'Best R&D employment' of Turkey by Ministry of Science, Industry and Technology.

Netaş achieving high quality R&D results, with its VoIP multimedia labs, which are among the top ten in the world, and a track-record of 43 years in telecommunications R&D and investments on 4G, 5G, IOT, Cyber Security, Core Switching, Evolved Packet Core Technologies. The company provides innovative end-to-end value-added systems integration and technology services in the fields of information and communications technologies. Its customers range from telco providers to public and private enterprises in domestic and international markets. Netaş charts its vision to become Turkey's and Region's #1 systems integrator working as per global standards.

Furthermore, with 800+ R&D engineers and 2200+ employees, Netaş provides a wide array of services to enterprises functioning in various vertical segments, particularly telco providers and those in finance, general industry and defense sectors. Netaş also nurtures strategic partnerships with global technology giants to provide its customers an insight to help them keep pace with and adopt more efficiently the latest developments in the field of ICT, and continues to develop software solutions for more than 200 global operators.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: Netaş A.S.

Netaş is a sector leader of Turkey with strong R&D capabilities on Telecommunication and ICT products and solutions for more than 1500 domestic and international customers from America, Europe, Africa and Asia with 20% YOY CAGR. Netaş awarded company on 'Best Telecommunication R&D' and 'Best R&D employment' of Turkey by Ministry of Science, Industry and Technology. Netaş achieving high quality R&D results, with its VoIP multimedia labs, which are among the top ten in the world, and a track-record of 43 years in telecommunications R&D and investments on 4G, 5G, IOT, Cyber Security, Core Switching, Evolved Packet Core Technologies. The company provides innovative end-to-end value-added systems integration and technology services in the fields of information and communications technologies. Its customers range from telco providers to public and private enterprises in domestic and international markets. Netaş charts its vision to become Turkey's and Region's #1 systems integrator working as per global standards. Furthermore, with 800+ R&D engineers and 2200+ employees, Netaş provides a wide array of services to en-

terprises functioning in various vertical segments, particularly telco providers and those in finance, general industry and defense sectors. Netaş also nurtures strategic partnerships with global technology giants to provide its customers an insight to help them keep pace with and adopt more efficiently the latest developments in the field of ICT, and continues to develop software solutions for more than 200 global operators.

Ozyegin University

Organisation Name

Country	Turkey
City	Istanbul
Street	Nisanteppe Mah. Orman Sok. No:34-36
Website	
Phone	
Organisation Type	University

Person

Name	Reyhan Aydogan
Email	reyhan.aydogan@ozyegin.edu.tr
Job Position	Assistant Professor

Organisation Details

Ozyegin University (OzU), founded in 2007, in Istanbul as a non-profit foundation university, positions itself to be one of the most innovative and research-oriented universities in Turkey. OzU has **ranked in the top 8** in the most entrepreneurial and innovative Turkish universities index, prepared in the leadership of The Scientific and Technological Research Council of Turkey (TUBITAK), published by Ministry of Science, Industry and Technology in 2016. OzU has been ranked in the top ten for the last five years.

There are **six Faculties** (Faculty of Engineering, Faculty of Social Sciences, Faculty of Law, Faculty of Business, Faculty of Aviation and Aeronautical Science and Faculty of Architecture and Design); **three Graduate Schools** (Graduate School of Engineering, Graduate School of Business and Graduate School of Social Sciences); **two Schools** (School of Applied Sciences and School of Languages) and **eight Centers** (German Law Application and Research Center, Alp Alkas Retail & Real Estate Center, Center for Computational Finance, Center for Energy, Environment and Economy, the Research, Development, Training and Application Center for Energy Efficient LED Lighting, Applied Research Center of Technology Products, Entrepreneurship Center and Startup Factory) hosted by OzU.

The university's cooperation with various national and international institutions and its **project portfolio has exceeded 58 Million TL (about 17.6 Million Euros)** as of September 2016. Between 2009 and 2016, **OzU has filed 46 patent applications** (16 national and 30 international) and 3 utility model registrations. These inventions developed at OzU include those in nanotechnology, LED systems, robotics, thermoelectric, thermal cogeneration, lighting technologies, medical devices and diagnostics. In addition, OzU faculty members are inventors of **206 patents**.

Ozyegin University's research performance is managed through the **Technology Transfer Office (OzU TTO)**. The main objective of OzU TTO is to assist research activities and innovation initiatives that aim to turn scientific and technological developments into social and economic benefits. OzU TTO works with faculty members to carry out planning and development of research projects, development of industrial relations, innovation, technology transfer, and intellectual property (IP) management. TTO has extensive experience in development and management of national and international projects, which will contribute positively management of the proposed research herein.

Current Research labs and research groups: CT&T - Communication Theories and Technologies Research Group; LFR - Laboratory for Fundamental Research; nEMESysLab - an Embedded & Microelectronic Systems Laboratory; SRL - Software Researchers Lab; OzURobotics - Robotic Research Lab; SpAdvanced Materials, Thin Films and CMP Laboratory; WISERLab - Wireless Communication Systems Engineering Research Lab; 3D Lab - 3-Dimension Computer Monitoring and Graphics Lab; CCRG - Cloud Computing Research Group; AI@OZU - Artificial Intelligence Laboratory; OzU MEMS - Microelectromechanical Systems Laboratory; SPL - Speech Processing Lab; Developmental Psychology Laboratory; OzUGRN-Gender Research Network at Ozyegin University; OzU Testing Lab; Social and Organizational Psychology Laboratory; RRL Lab - Relationship Research Laboratory.

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles**[Partner: Ozyegin University- Intelligent Systems](#)**

I am an assistant professor in Computer Science at Ozyegin University and a post-doctoral researcher in the Interactive Intelligence Group at Delft University of Technology. My main research focuses on the modelling, development and analysis of agent technology that integrates different aspects of intelligence such as reasoning, decision making and learning. I am applying artificial intelligent techniques such machine learning and semantic reasoning in designing and developing agent-based decision support systems, e.g. negotiation support systems and automated negotiation tools where intelligent software negotiates on behalf of their users. I am particularly interested in supporting human decision makers in complex and dynamic environments, which also requires the design of effective human computer interaction (e.g. preference elicitation).

BLG ROBOTIC AUTOMATION

Organisation Name

Country	Turkey
City	Eskişehir
Street	Gençlik Bulvarı NO 44
Website	www.blgrobotic.com
Phone	
Organisation Type	Company

Person

Name	Ozan AÇIK
Email	ozanacik@outlook.com
Job Position	Project Coordinator



Organisation Details

Experienced with Robotics, Automation systems and data collecting from manufacturing line. Working on Advanced Production Scheduling Artificial intelligence system for productivity, reduce dead times for smart factories.

Areas of Activity

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Istanbul Medipol University

Organisation Name

Country	Turkey
City	Istanbul
Street	Kavacık mah. Ekinciler cad. No:19
Website	
Phone	
Organisation Type	University

Person

Name	Esra Ağralı
Email	esraagrالی@medipol.edu.tr
Job Position	Supported Project Specialist/Technology Transfer Office

Organisation Details

Istanbul Medipol University is a non-profit private university. It was founded in 2009 by Turkey Education, Health and Research Foundation (TESA). The university has a powerful institutional culture, entrepreneurialism and dynamism of continuous development. The university also aims to contribute community and universal science by raising individuals who are focused on science and technology production and able to answer the changing requirements of the community.

The university contains 13 Faculties; including Medicine, International School of Medicine, Pharmacy, Dentistry, Health Sciences, Engineering and Natural Sciences, etc.. The university also contains 4 Graduate Schools with 22 Masters and 17 Ph.D programs, 53 undergraduate programs and 72 vocational school programs.

Within a couple of years the university achieved establishment of the core units of a thematic research center, which was supported by a government grant from The Ministry of Development, namely Medipol Regenerative and Restorative Medicine Research Center (REMER). REMER is organized to harbor multiple core facilities and labs with the highest technology available and has already started to attract many high profile researchers from all over the world. We have a vision to cover all main areas of the regenerative medicine by encouraging formation of several topic-specific research groups led by prominent scientists.(

Cooperation Profiles

[Partner: Istanbul Medipol University](#)

Istanbul Medipol University is a non-profit private university. It was founded in 2009 by Turkey Education, Health and Research Foundation (TESA). The university has a powerful institutional culture, entrepreneurialism and dynamism of continuous development. The university also aims to contribute community and universal science by raising individuals who are focused on science and technology production and able to answer the changing requirements of the community. The university contains 13 Faculties; including Medicine, International School of Medicine, Pharmacy, Dentistry, Health Sciences, Engineering and Natural Sciences, etc.. The university also contains 4 Graduate Schools with 22 Masters and 17 Ph.D programs, 53 undergraduate programs and 72 vocational school programs. Within a couple of years the university achieved establishment of the core units of a thematic research center, which was supported by a government grant from The Ministry of Development, namely Medipol Regenerative and Restorative Medicine Research Center (REMER). REMER is organized to harbor multiple core facilities and labs with the highest technology available and has already started to attract many high profile researchers from all over the world. We have a vision to cover all main areas of the regenerative medicine by encouraging formation of several topic-specific research groups led by prominent scientists.

TUBITAK BILGEM

Organisation Name

Country	Turkey
City	Gebze/KOCAELI
Street	Dr. Zeki Acar
Website	tubitak.gov.tr
Phone	
Organisation Type	R&D Institution

Person

Name	Yıldırım Bahadırlar
Email	yildirim.bahadirlar@tubitak.gov.tr
Job Position	Chief Researcher



Organisation Details

TUBITAK Information and Information Security Advanced Researc Center, Information Technologies Institute

Areas of Activity

Big Data and Content

- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)

Cooperation Profiles

Coordinator: [Micro Anomaly Detection on Cloud Servers by HTM](#)

Hierarchical Temporary Memory (HTM) theory was extensively studied. NuPIC framework was installed and HTM models trained using reference data for comparison among altered versions of HTM implementations. Anomaly detections were practiced using the HTM models and using data from diverse sources such as server metrics, a seismic sensor and video processing. Parameter calculations are studied and the results with the same success rate with Numenta's HTM Studio Application and NAB Environment were achieved. We want to work on anomaly detection using server metrics of cloud, particularly on "micro anomalies" such as an extensive access to a web servis, a security attack stream, and an intense computing demand on PaaS/SaaS, etc.

Vestel Elektronik

Organisation Name

Country	Turkey
City	Manisa
Street	Organize Sanayi Bölgesi
Website	
Phone	
Organisation Type	Company

Person

Name	Kagan Bakanoglu
Email	kagan.bakanoglu@vestel.com.tr
Job Position	Project Manager

Organisation Details

Vestel Group of Companies consisting of 30 companies operating in electronics, white good appliances and information technologies, out of which 16 are foreign-based, is one of the flagship companies of Turkey. Vestel, one of the important players in Turkey and international markets in its sector, is one of the biggest manufacturers of the world in terms of technology and design development capability.

As one of the leading manufacturers of the world in consumer products sector and a strong brand in Turkey, Vestel integrates its advantages based on manufacturing capabilities such as cost, flexibility and productivity with R&D, innovation, design and sales & marketing capabilities, geographical, organizational and administrative superiorities.

Vestel engage in research and product development, manufacturing, sales and marketing in the consumer electronics, white goods and digital product segments with an expertise in embedded systems design, implementation, testing, integration and manufacturing on consumer electronics, information communication technologies, and digital broadcast receiving technologies, electronic media and networking.

Vestel performs its manufacturing activities in Manisa and Alexandrov, Russia. Vestel City Manisa having a closed area of 600.000 sq. meters is the largest industrial complex manufacturing products in a single facility in Europe. Vestel gains a significant cost advantage from advanced subsidiary industry opportunities with regard to high level of supply and logistics in Manisa where electronics and white good appliances facilities are available.

Having one of the largest sales and after-sales service networks in Turkey, Vestel has a widespread marketing and sales network thanks to its affiliates in 8 countries, predominantly in West Europe. Russia based facilities of Vestel CIS consisting of refrigerator and washing machine as well as LCD TV factories established in 2010 currently manufacture products for CIS markets such as Russia, Ukraine, Belarus and Kazakhstan.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: [Internet of Things](#)

Internet of Things

Hi-Tech Consultants

Organisation Name

Country	Poland
City	Warszawa
Street	Akademicka 3
Website	
Phone	
Organisation Type	Consulting

Person

Name	Aleksander Bakowski
Email	a.bakowski@idi.ie
Job Position	President



Organisation Details

Hi-Tech Consultants is a small consultant company, founded in 2000. It is focusing on support to RTI projects development in particular for SMEs through coaching, project management and support for research and innovation policy development.

So far, Hi-Tech Consult has supported development of over 30 successful projects for companies and research centres. The most important projects dealt with development of new technologies and products and strategic development of centres of excellence, as well as policy recommendations. Company is also involved in trainings on proposal development, project management and use of public funding in particular related to EU Framework Programmes as well as technology transfer activities.

Hi-Tech Consultants offers assistance for proposal development, pre-evaluation of proposals, setting up the consortium agreements and management services for consortia such as progress monitoring, running management meetings, follow-up of financial reporting, organization of trainings.

Areas of Activity

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Cooperation Profiles

[Partner: Project Management Services](#)

Particular interest in micro-and nanotechnologies ICT-31-2017 and photonics ICT-30-2017Hi-Tech Consultants offers management services for consortia such as progress monitoring, running management meetings, organising public events, or follow-up of financial reporting. Also offered is assistance for proposal development, pre-evaluation of proposals, setting up the consortium agreement.Participated in more than 15 EU framework projects, in 1 as coordinator and in 5 as Steering Committee.

French Embassy

Organisation Name

Country	Turkey
City	Istanbul
Street	Nejat Eczacibasi binasi Sadi konuralp caddesi N°5
Website	www.businessfrance.fr
Phone	
Organisation Type	Other

Person

Name	Dilek Barcin
Email	dilek.barcin@businessfrance.fr
Job Position	Trade advisor

Organisation Details

BUSINESS FRANCE, **The French Trade Commission in Turkey** is the national agency supporting the international development of the French economy in Turkey. We are operating in the fields of industry and commerce.

I am in charge of the department of New Technology, Innovation and Services. My job consists in giving information to French firms on Turkish markets and thus on business opportunities. In order to maximize commercial opportunities between French and Turkish companies, the Department organizes French Pavilions at a number of key exhibitions in Turkey as well as meet-the-buyer events, and offers individual prospecting trips and exploratory missions. I cover various industries including telecommunications, audiovisual/multimedia services and technologies, software and IT services, Internet services/technologies and e-commerce solutions, together with B2B services in marketing, as well as the financial sector.

If you may have any questions about our work or other relevant I will appreciate if you contact me.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

SIIVA - LIMTIC Laboratory

Organisation Name

Country	Tunisia
City	Ariana
Street	ISI, 2 Rue Bayrouni
Website	
Phone	
Organisation Type	R&D Institution

Person

Name	Walid Barhoumi
Email	walid_barhoumi@yahoo.fr
Job Position	Head of Computer Science Departement - ENICarthage



Organisation Details

SIIVA is the Research Team on Intelligent Systems in Imaging and Artificial Vision within the LIMTIC laboratory at the Higher Institute of Computer Science (ISI) of Tunis. The main topics of SIIVA are: visual content-based indexing, annotation and retrieval, video processing, 3D modelling and medical imaging.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)

Cooperation Profiles

[Partner: A user-driven multimedia-based Interface for persons with disabilities \(UDM-IPD\) - ICT-23-2017](#)

ICT-23-2017 The goal of this project is to optimize the access to language-independent information for all persons, notably those with disabilities, in hard (print) and electronic media. In particular, we look for the development of smart interfaces for persons with disabilities to improve communication and facilitate their use of digital services. The interface should be personalised in order to deal appropriately with the diversity of users (focus, gender, ages, type of cognitive disabilities, socio-economic status...). For this, our idea consists on testing the existing solutions, independently of the used language and modality inputs, in order to choose among them the most relevant ones. The selected tools will be processed through a crowdsourcing approach in order to develop a user-driven multimodal interface. Besides, we will use images in order to identify the end-user abilities and to detect its behaviours, emotions and intentions. Moreover, the combination of speech and language processing, and video analysis technology will allow a multimodal access to media sources. Indeed, natural language processing would be interlingual and the newly produced content would be contextualised. Video indexing and retrieval tools can also assist the automatic and semi-automatic subtitling and translation. For the consortium, we would welcome a mix of expertise from various relevant sciences (e.g. multimedia processing, cognitive sciences, psychology, medicine, machine translation...).

Bilkent University

Organisation Name	
Country	Turkey
City	Ankara
Street	İhsan Doğramacı Bulvarı
Website	www.bilkent.edu.tr
Phone	
Organisation Type	University

Person	
Name	Ebru Basak
Email	ebru.basak@bilkent.edu.tr
Job Position	Coordinator

Organisation Details

Bilkent University was founded in 1984 to provide an environment for learning and intellectual growth encompassing sciences, technology, humanities and arts, to serve human welfare and to foster peace on earth. The educational philosophy rests on the premise that those who produce new knowledge also have the best potential to impart it. Scholarly research at Bilkent extends across a wide spectrum. From nanoscience and nanotechnology to political science, from electronics to economics, from fine arts to management and industrial engineering, from philosophy to computer engineering, and in many other areas of science, letters and the performing arts, our academic staff and resources provide a uniquely integrated environment.

Bilkent University is one of the most well-known and prestigious universities in Turkey, especially in the fields of science, engineering, molecular biology and genetics. Students accepted for departments at Bilkent predominantly rank in the top 1st percentile by the nation-wide university entrance exam. The medium of instruction in the university is English for both undergraduate and graduate programs. Bilkent University has been ranked 28th in the 2015 Times Higher Education 100 Under 50 list of the world's best "young" universities (For the full list of the 2015 Times Higher Education 100 Under 50 :www.timeshighereducation.co.uk/world-university-rankings/).

Members of Bilkent University have managed and/or coordinated 99 EU Projects, including 9 H2020 Projects, so far. Currently Bilkent University members are carrying out 230 projects, 69 of which are international, including 5 ERC Grants.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & bench-

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

- marking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
 - ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
 - ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Ozyegin University

Organisation Name

Country	Turkey
City	Istanbul
Street	Nisantepe Mevki Orman Sk. No:34-36
Website	
Phone	
Organisation Type	University

Person

Name	G. Bahar Basim
Email	bahar.basim@ozyegin.edu.tr
Job Position	Ozyegin University Mechanical Engineering

Organisation Details

www.ozyegin.edu.tr

Areas of Activity

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Dataraphic Information Technologies

Organisation Name

Country	Turkey
City	Ankara
Street	Via Business Center Sogutozu mah. Nergis Sok
Website	http://dataraphic.com
Phone	
Organisation Type	SME

Person

Name	Burcu Bayar Kuzlak
Email	bkuzlak@dataraphic.com
Job Position	Head of R&D



Organisation Details

Dataraphic

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)

Cooperation Profiles

Partner: Real Time Data Analytics

Dataraphic is a global cloud-based collaborative platform connecting technology with people and big data analytics. Dataraphic provides three ways of innovation in healthcare and ICT sector: real time data analytics, daily monitoring for end-user data towards the provider, modeling user behavior awareness with context ware recommendation engine. Which aims at reducing energy consumption and investigating the gap between actual and predicted thermal sensation and preferred neutral temperatures. We are interesting in new collaborations in Big Data projects. Development of algorithms and tools for forecasting, optimization and clustering to solve highly complex problems by understanding and modeling consumer behavior awareness.

Partner: Predictive Analytics

Dataraphic provides expertise in development of algorithms and tools for predictive analytics, forecasting, optimization and clustering to solve highly complex problems by understanding and modeling user behavior awareness.

Partner: Our Innovations

One of our newest innovations are: Context aware recommendation Engine supported by Turkish Scientific and Technological Research Council in 2015. Big Data Visualization and Predictive analytics. Cybersecurity on medical devices.

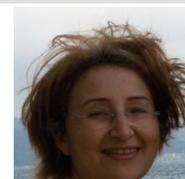
Istanbul Technical University, Energy Institute

Organisation Name

Country	Turkey
City	Istanbul
Street	Ayazaga Campus, Maslak
Website	http://akademi.itu.edu.tr/dogannil/
Phone	
Organisation Type	University

Person

Name	Nilgun Baydogan
Email	dogannil@itu.edu.tr
Job Position	Project partner



Organisation Details

Nilgun Baydogan is a Prof. Dr. at Istanbul Technical University, Energy Institute, Nuclear Researches Division, Istanbul, Turkey. She studied physics in Istanbul University, Turkey. She received MSc. and PhD. from Istanbul Technical University, Nuclear Energy Institute. Her researches are at the interface where ionizing radiation and materials meet: radiation source, nanomaterial, thin film solar cells and the deposition process by sol-gel techniques, polymer nanocomposites, self-healing materials for the use in aerospace applications at low earth orbit, high altitude platforms to obtain the radiation protection of aircrew and optoelectronic equipment. She is best known for work on the applications of nuclear techniques in nanomaterials, optoelectronics and the applications of the nondestructive techniques in nanomaterials, optoelectronics.

Istanbul Technical University was founded in 1773. Now, ITU is one of the four Technical Universities in Turkey. **Istanbul Technical University** (*Istanbul Teknik Üniversitesi*, commonly referred to as ITU or Technical University) is an international technical university located in Istanbul Turkey. It is the world's third oldest technical university dedicated to engineering sciences as well as social sciences recently, and is one of the most prominent educational institutions in Turkey. ITU is ranked 108th worldwide and 1st nationwide in the field of engineering/technology by THES - QS World University Rankings in 2009. Graduates of Istanbul technical university have received many TUBITAK science and TUBA awards. Numerous graduates have also become members of the academy of sciences in the USA, Britain and Russia. The university has 39 undergraduate, 144 graduate programs, 13 colleges, 346 labs and 12 research centers. Its student-to-faculty ratio is 12:1.

Areas of Activity

Big Data and Content

- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & bench-

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

marking actions, safety certification (7 mill €)

- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Cooperation Profiles

Partner: The determination of the economical production parameters of nanomaterial, thin film solar cells and the deposition process by sol-gel techniques, polymer nanocomposites, self-healing materials and their structural characterization and modification.

The determination of the economical production parameters of nanomaterial, thin film solar cells and the deposition process by sol-gel techniques, polymer nanocomposites, self-healing materials and their structural characterization and modification. The interface where radiation and materials meet: radiation source, nanomaterial, thin film solar cells and the deposition process by sol-gel techniques, polymer nanocomposites, self-healing materials for the use in aerospace applications at low earth orbit, high altitude platforms to obtain the radiation protection of aircrew and optoelectronic equipment. The applications of nuclear techniques in nanomaterials, optoelectronics and the applications of the nondestructive techniques in nanomaterials, optoelectronics.

TÜBİTAK BİLGEM

Organisation Name

Country	Turkey
City	Kocaeli
Street	Bariş M
Website	
Phone	
Organisation Type	R&D Institution

Person

Name	Özleyiş Bayoğlu
Email	ozleyis.bayoglu@tubitak.gov.tr
Job Position	Project Manager

Organisation Details

Cloud Computing and Big Data Research Lab

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

GEOS Engineering & Consulting

Organisation Name

Country	Turkey
City	ISTANBUL
Street	Küçükbahçe Sokak, No:43 D:4 Sisli
Website	
Phone	
Organisation Type	Consulting

Person

Name	Dr. Saim Yigit BAYRAK
Email	geos.td@googlemail.com
Job Position	CEO



Organisation Details

Consultant Engineer in Sustainable Design and Build, Renewables and Sustainable Business Management

We work specifically for solutions on Internet and Digital Systems for improving System Efficiency, reduce Losses in Systems and BMS Solutions

We do provide R&D services and systems in Solar, Wind and Bio Fuel Systems

Areas of Activity

Big Data and Content

- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Coordinator: Bio, Solar and Wind Solutions

We are R&D Consultancy specialized in Design, Project Management and Private Research company serving the industry in developing new technologies

Ozyegin University

Organisation Name

Country	Turkey
City	Istanbul
Street	Orman
Website	robotics.ozyegin.edu.tr
Phone	
Organisation Type	University

Person

Name	Özkan Bebek
Email	ozkan.bebek@ozyegin.edu.tr
Job Position	Faculty member



Organisation Details

OzU Robotics Laboratory is home to cutting-edge research in robotics.

Our three faculty members Assoc. Prof. Erhan Öztop, Assist. Prof. Özkan Bebek, and Assist. Prof. Barkan Ugurlu lead TUBITAK and European Union funded research projects mainly in the fields of machine learning, medical robotics, and exoskeletons.

The fields that we are currently engaged in are:

- Medical Robotics
 - Robotic Assisted Beating Heart Surgery
 - Robotic System for Small Animal Biopsies
- Control Topics
 - Biological Motion Prediction
- Cognitive Robotics
 - Cognitive Neuroscience
 - Biologically inspired robotics
 - Computational Modeling of Brain function
- Humanoid Robotics
 - Balance Control
 - Dexterous manipulation
 - Exoskeleton Development
- Mobile smart machines
 - Autonomous flight
 - Autonomous traversal

Areas of Activity

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

TUBİTAK MAM

Organisation Name

Country	Turkey
City	KOCAELİ
Street	DR. ZEKİ ACAR CAD.
Website	
Phone	
Organisation Type	Authority/Government

Person

Name	IBRAHİM BEKAR
Email	ibrahim.bekar@tubitak.gov.tr
Job Position	VİCE PRESİDENT

Organisation Details

TUBİTAK MRC BUSINESS DEVELOPMENT AND INDUSTRIALIZATION VİCE PRESİDENT

Pavo Tasarım Üretim Elektronik Tic. A.Ş.

Organisation Name

Country	Turkey
City	İSTANBUL
Street	Havaalanı İç Yolu
Website	
Phone	
Organisation Type	SME

Person

Name	tuğçe bektaş
Email	tugce.bektas@pavotek.com.tr
Job Position	Business Development Specialist

Organisation Details

We are expernced on electronic design (IOT,M2M, control and communication) boards and systems. We wish to cooperate SMEs on designing robotics, IOT, micro electronics projects. Beneath we have embedded head-end systems (instead of transaction servers) and want to cooperate on this too.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)

Cooperation Profiles

Partner: Electric-Electronic Design and Manufacturing

We are expernced on electronic design (IOT,M2M, control and communication) boards and systems. We wish to cooperate SMEs on designing robotics, IOT, micro electronics projects. Beneath we have embedded head-end systems (instead of transaction servers) and want to cooperate on this too.

Istanbul Technical University

Organisation Name

Country	Turkey
City	Istanbul
Street	Ayazağa Campus
Website	www.tayfunbel.com
Phone	
Organisation Type	University

Person

Name	tayfun bel
Email	tayfun@tayfunbel.com
Job Position	Project Researcher



Organisation Details

A materials scientist and marketer, Tayfun BEL, is a project researcher at Istanbul Technical University's Prof.Dr. Adnan Tekin Materials Science and Production Technologies Applied Research Center (ATARC). His research spans smart materials, self-healing materials, nanomaterials, aerospace materials, low earth orbit, high altitude platforms to radiation protection of aircrew and electronic equipment.

I have established many companies with my fellow researchers in many fields. My main motto is to "develop materials that you can use." I have successfully designed and produced Type2 and type-3 prototype nanomaterials . My aim is to develop novel materials for extreme environments.

Areas of Activity

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Cooperation Profiles

Partner: [Development of the micro- and nanoelectronics materials](#)

Development of the micro- and nanoelectronics materials.

SERCom laboratory, Tunisia Polytechnic School

Organisation Name

Country	Tunisia
City	La marsa Tunis
Street	Rue el Khawarizmi
Website	http://sercom-lab.com/
Phone	
Organisation Type	University



Person

Name	Sana Belguith
Email	belguith.sana@gmail.com
Job Position	Research & Innovation Engineer / PhD student



Organisation Details

- SERCom Laboratory is Research laboratory belonging to the Tunisia Polytechnic School. (<http://sercom-lab.com/>)
- SERCom Laboratory has several collaborations with academic partners (laboratories and universities) such as, SAMOVAR Lab, Telecom SudParis, S2IM , Limoges University, XLIM Research Institute, LPHIA, Photonic Laboratory, Angers University, Wirelesslab INRS-EMT, Québec University, Canada, and industrial partners such as Codintek, TELNET Innovation Labs, TELNET Group, Société Tunisienne d'Electricité et du Gaz (STEG)
- SERCom is a research institute within the Tunisia Polytechnic School(www.ept.rnu.tn), one of the best and most renowned modern Tunisian engineering schools.
- The SERCom laboratory was founded in 2012 to support the performance of high quality research, development activities and the provision of scientific service to private and public bodies. The laboratory involves around 60 researcher working in different teams operating different fields:

-Internet of things,

-Security and Privacy of distributed systems (IoT, Cloud, Big Data...),

-Optic Systems,

-Communication Systems.

-Computer vision and pattern recognition,

-Healthcare applications,

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Robotics and Autonomous Systems

- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

ICT Key Enabling Technologies

- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Cooperation Profiles

Coordinator: Intelligent IoT framework for protecting user's privacy in e-health systems

H2020 target Call : IoT-03-2017 This project aims to develop an intelligent system to supervise patients at home while protecting user's privacy and data security based on a novel use of internet of things and cloud computing systems. This system introduces novel security solutions based on using biometric information to secure communication between WBAN sensors and new cryptographic algorithms to secure the stored data. This system can be used in the context of smart cities especially in medical fields in order to improve comfort of citizens. Indeed, while implementing an innovative e-health system consisting of supervising patients at home, the data collected about the patient's health state will be stored in distant cloud servers in order to be processed and accessible by authorized users such as doctors, patient's family, etc. This system consists of managing a sensors network to supervise the patient at home while providing a secure communication system to outsource collected data and secured cloud distant servers. In a real e-health scenario, a patient's health state is supervised using an internet of things system (wireless sensors, WBAN sensors, mobile equipment etc.). This system collects physiological data about the patient and transmits it in a secure way to storage servers in real time manner. These data are processed and consulted by doctors. Moreover, an emergency calls can be produced when needed. Thus, this system has to ensure the secrecy and confidentiality of the collected data under transmission and in storage servers. Moreover, this system has to protect the patient's privacy (The secrecy of his identity and his health state related data) as well as the privacy of accessing users such as doctors against other system's users and service providers. The main objectives of this framework are:

- The design of personalized and secured internet of things system.
- Securing the communication between sensors based on a novel use of biometric information.
- A new design for network system protecting user's privacy and data confidentiality.
- The security of exchanges data between smart systems
- The security of cloud data storage and data processing.

TUBITAK

Organisation Name

Country	Turkey
City	Ankara
Street	Ataturk Bulvari No:221
Website	
Phone	
Organisation Type	Authority/Government

Person

Name	Ezgi BENER
Email	ncpict@tubitak.gov.tr
Job Position	ICT NCP

Organisation Details

TUBITAK EU FRAMEWORK PROGRAMMES NATIONAL COORDINATION OFFICE

The Scientific and Technological Council of Turkey (TÜBİTAK) has been assigned officially by the Turkish government as the contact organisation for the EU Framework Programmes at the beginning of 2003. The implementation of the national coordination role concerning the EU Framework Programmes is achieved by TÜBİTAK EU Framework Programmes National Coordination Office (NCO). The continuous progress of the administrative structure of the NCO is thought to be effective in increasing the success of Turkey in Framework Programmes.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

NOVUSENS Innovation and Entrepreneurship Institute

Organisation Name

Country	Turkey
City	ANKARA
Street	Halici Sok, No:12/1
Website	www.novusens.com
Phone	
Organisation Type	Consulting

Person

Name	Berrin Benli
Email	berrin.benli@novusens.com
Job Position	Co-Founder



Organisation Details

NOVUSENS" Innovation & Entrepreneurship Institute" is an Ankara, Turkey based, for-profit, independent **"THINK TANK"** organization developing innovation policies and strategies, using high technologies to increase the life quality of the people, focusing on new opportunities to contribute economic growth, developing new innovative models to shape the future to have better lives, making research studies, delivering professional consultancy and training services in Turkey and abroad.

The vision of NOVUSENS Innovation & Entrepreneurship Institute is to contribute to the "Sustainable Development" through Technological and Social "Sustainable" Innovation.

"Innovation in ICT" is the primary focus area of NOVUSENS especially "Smart Cities" and "Data Innovation" fields.

NOVUSENS has taken "Societal Challenges" and "Industrial Leadership" pillars as the priority areas in H2020 programme as NOVUSENS has been delivering professional consultancy services in these areas for many years (and (The Co-Founders of NOVUSENS have broad experience in ICT as they have been working for ICT Industry for more than 30 years).

To get more information about NOVUSENS Innovation and Entrepreneurship Institute, please visit www.novusens.com

To get more information about "Big Data and Smart City Institute of NOVUSENS" please visit www.buyukverienstisu.com and www.akillisehirenstitusu.com

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Cooperation Profiles**Partner: NOVUSENS Smart City and Big Data Institute**

"Thought Leadership in Smart Cities", Smart Cities Best Practices and Case Studies, "Data Innovation" - "Big Data and Analytics", "Education in Smart Cities", "Technology Assisted Independent Living in Smart Cities", "Smart Cities in Digital Economy", Smart Cities and Sustainable Development, Smart Cities Current Situation al Analysis, Smart City Strategies and Roadmap.www.novusens.comwww.akilisehirenstitusu.com

Bana Technology

Organisation Name

Country	Turkey
City	IZMIR
Street	IZTEKGEB A8/18A IYTE KAMPUS URLA
Website	www.banatechnology.com
Phone	00905055250874
Organisation Type	SME



Person

Name	Gökhan Berker
Email	gokhan@banatechnology.com
Job Position	CEO



Organisation Details

BANA TECHNOLOGY is the only Turkish robot manufacturer and robotic technology developer member of euRobotics AISBL. **BANA**, with its R&D experts and infrastructure is capable of fulfilling the technology requirement for developing robotics & mechatronics systems; Mechanical design & production, controller design & hardware production and software development.

BANA vision is to develop competitive products and components for global robot market that is expected to be 50-62 Billion Euro in 2020 by EuRobotics. Main R&D focus is **Collaborative Robots** using redundancy and compliant control features, as well as developing custom actuation systems and mechanisms for robots. With this technology background, **BANA** involved in international and national R&D projects including;

- 6 Axis / 7 Axis Industrial Robot Arms
- Ultra-Fast Laser Cutting Robot
- Multi-Mode Arm/Shoulder Rehabilitation Robot
- Haptic Device and Teleoperation System
- Simulator Motion Platforms

Beside advanced R&D Projects, **BANA** has several products in the manufacturing market as CNC feeding robots, CNC Plasma Cutting Robots, Gasketing robots, and involving in advanced automation projects.

As **BANA**, we are willing to take part and present our technologies to maximum advantage in an open and visionary consortiums.

Hope to collaborate !

Website: www.banatechnology.com

Youtube Channel: https://www.youtube.com/channel/UCe_0p-DajTGWUs-XzmXjbKA

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BANA TEKNOLOJİ, Avrupa Robotik Topluęu, euRobotics AISBL'ye üye olan tek Türk robot ve robot teknolojisi üreticisidir. **BANA**, yetkin Ar-Ge uzmanları ve akademik üyeleriyle robotik ve mekatronik sistemlerde kullanılan mekanik tasarım üretim, kontrolör tasarımı üretimi ve yazılım geliştirme kendi bünyesinde çözüm bulan bir firmadır.

BANA vizyonu 2020 yılında 50 ile 62 milyar euro arası olması beklenen global robot pazarına rekabetçi ve yenilikçi ürünler geliştirmektir. Ana Ar-Ge odağı, Artıksıllık (Redundancy) ve Uysal (Compliant) kontrole sahip olan **İşbirlikçi robotlar** ve robotlara yönelik özel aktüatör ve mekanizmalar geliştirmektir. Bu teknolojileri kullanarak bir çok ulus-

lararası ve ulusal Ar-Ge projesinde bulunmuştur.

- 6 Eksen / 7 Eksen Endüstriyel Robot Kollar
- Ultra Hızlı Lazer Kesim Robotu
- Çoklu Modlu Kol/Omuz Rehabilitasyon sistemi
- Haptik Cihaz ve Teleoperasyon Sistemi
- Simülatör Hareketli Platformları

Bu özel Ar-Ge projeleri yanında, **BANA** üretim endüstrisi pazarında CNC besleme robotu, CNC kesim robotu, Sıvı Conta Dökme Robotu gibi ürünleri bulunmakta ve yüksek nitelikli otomasyon projeleri geliştirmektedir.

BANA olarak, açık ve vizyoner konsorsiyumlar içerisinde bulunmak ve teknolojilerimizi en iyi şekilde sunmak istiyoruz.

İşbirliği yapabilme dileğiyle !

Websitesi: www.banatechnology.com

Youtube Kanalı: https://www.youtube.com/channel/UCe_0p-DajTGWUs-XzmXjbKA

Areas of Activity

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Cooperation Profiles

Partner: [Collaborative Robots](#)

Partner: [Haptic Device and Teleoperation Systems](#)

Partner: [Rehabilitation Robots](#)

Partner: [Ultra-Fast Robots](#)

BİLTAY TECHNOLOGY

Organisation Name

Country	Turkey
City	Eskişehir
Street	Gençlik Bulvarı
Website	www.biltay.com.tr
Phone	
Organisation Type	Company

Person

Name	Onur Bilge
Email	onur@biltay.com.tr
Job Position	Project Coordinator

Organisation Details

BİLTAY Technology provides products for business, market, and channel development on an international scale. The company's main products are enterprise resource planning (ERP), customer relationship management (CRM), and total quality management (TQM) information systems for small, medium, and large companies. With this experience of 11 years, the company has concentrated on big data with linked ERP Systems

Areas of Activity

Big Data and Content

- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Bursa Technical University

Organisation Name

Country	Turkey
City	BURSA
Street	Mimar Sinan Bulvarı Eflak Caddesi No:177 Yıldırım
Website	www.btu.edu.tr
Phone	
Organisation Type	University



Person

Name	Turgay Tugay Bilgin
Email	ttbilgin@gmail.com
Job Position	Academics



Organisation Details

Bursa is the centre of the Turkish automotive industry. Factories of motor vehicle producers like Fiat, Renault and Karsan, as well as automotive parts producers like Bosch, Mako, Valeo, Johnson Controls, Delphi have been active in the city for decades. The textile and food industries are equally strong, with Coca-Cola, Pepsi Cola and other beverage brands, as well as fresh and canned food industries being present in the city's organized industrial zones.

Bursa Technical University, is a public research university in Bursa, Turkey. Established in 2010, it is country's fifth Technical University. The university consists of six faculties, two institutes.

Bursa Technical University has strong background on Automotive Engineering, Mechanical Engineering, Mechatronics and Robotics.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

[Partner: Big Data Analyzing, Mining, Industry 4.0 and Data Mining on IoT based projects.](#)

Dr.Turgay BİLGİN is the head of Computer Engineering Department. Research interests are specifically more focused on Data Mining, Machine Learning and Big data studies. Our department also has two more researchers on Wireless Sensor networks and Natural Language Processing. We are looking for opportunities to involve related EU projects as an academic institution.

PROMATECH Maritime Technologies

Organisation Name

Country	Turkey
City	Istanbul
Street	Evliya Celebi Mah. Nazan Sok. No. 2 K.3 D.6
Website	www.promatech.com.tr
Phone	
Organisation Type	SME



Person

Name	Ahmet Bilici
Email	ahmet.bilici@promatech.com.tr
Job Position	CEO



Organisation Details

PROMATECH Maritime Technologies, founded in 2010, is a leading R&D and Innovation focused SME developing disruptive software and engineering solutions for the Maritime & Shipbuilding Industry. Our company is based in Istanbul, Turkey.

Currently involved in projects are listed below:

- Horizon 2020 SMEInst Phase II: CLOUD-VAS (Cloud based Vessel Allocation DSS for Vessel Chartering),
- ERA-NET-MARTEC II: CETEX (Cetacean Experiences),
- FP7- IAPP: MiniChip (MINImizing Carbon footprint in maritime SHIPping operations).

PROMATECH meets the industry needs with the use of emerging and environment friendly technologies, IT and Engineering solutions. We are specialized in:

- Autonomous Surface Vehicles (ASV),
- Naval Architectural Engineering Services,
- Decision Support Systems (DSS),
- Maritime Logistics Applications.

Areas of Activity

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

π-Technologies

Organisation Name

Country	Greece
City	Katerini
Street	Pl. Dimarchiou 19
Website	http://pi-tech.gr
Phone	
Organisation Type	SME



Person

Name	Spyridon Blatsios
Email	sblatsios@pi-tech.gr
Job Position	Project Manager



Organisation Details

π - Technologies is a spinoff company of Platon Ltd and it started aiming to the capitalization of the educational and information technology initially developed with-in Platon Ltd. In now days π - Technologies is aiming to the following markets: Research & Innovation, Research Management, Educational Technology.

π - Technologies for the time is in close collaboration with the Technological and Educational Institute of Central Macedonia (Greece), acting as a representative of the Institution. There is also a collaboration with the Aristotle University of Thessaloniki in the sector of Educational Technology.

Main Know-how Robotics, Advanced Materials, Geothermy (all of the above in collaboration with the Technological & Educational Institution of Central Macedonia), Educational Technology, Gamification, Game Based Learning, Software Development (in collaboration with the Aristotle University of Thessaloniki).

The organization is already involved in an **European projects** such as, Erasmus+, Horizon2020.

Areas of Activity

Big Data and Content

- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Robotics and Autonomous Systems

- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Cooperation Profiles

[Coordinator: Science education outside the classroom](#)

Much analysis has been carried out on the importance of science education both in schools and in higher education. However, science education outside the classroom, which refers to informal science education, and the science education effects of non-educational activities, are not well explored in their nature and effects. Acquiring knowledge, and in particular, evaluating knowledge, often with the help of the Internet, is what is frequently happening in reality, and should be recognised for what it contributes in terms of more sophisticated consumers and scientific citizenship. Consideration on what is available and what is being learnt would be useful to understand how science education outside the classroom influences today's citizens.

[Coordinator: Robotic-assisted 3D computed X-Ray Tomography](#)

Advantages of the Project Proposal Robotic-assisted 3D computed X-Ray Tomography (geometry reconstruction)- Avoid of artifacts produced by the processing of the X-Ray projections (Iterative Artifacts & Ring Artifacts suppression)- Optimization of geometry reconstruction, due to robot-induced large number of DoF- Minimization of the inspec-

tion time of parts underlying in X-Ray Computed Tomography Robotic-assisted in-line inspection by computed X-Ray Tomography- Optimization of the NDT inspection process and time based on Computed Tomography- Evaluation based on multi-plane methods offers more data than 2D methods (e.g., radiography)- Higher resolution for NDT tasks can be achieved Fast computers and algorithms allow pace keeping analysis

Partner: Policy-development in the age of big data: data-driven policy-making, policy-modelling and policy-implementation

In order to enable governments - at all levels - to benefit from the availability of relevant data and thereby introduce and implement effective policies, new or improved methods and tools are needed to support and establish new types of evidence-informed policy design and implementation and to facilitate the interpretation of big data for public communication, including new outcome-based. For public administrations to experiment with the possibilities offered by big data - for example through policy modelling, monitoring, enforcing, simulation, testing, analysis and policy compliance - there is a need to thoroughly understand the legal frameworks and to take into account sociological, cultural, political, legal and economic as well as behavioural aspects. Proposals should also elaborate on the relationship between evidence-based policy-making and citizens' participation, integrating the analysis of participatory elements.

SESAME University

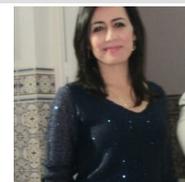
Organisation Name

Country	Tunisia
City	Ariana
Street	ZI Chotrana I BP4 Parc Technologique El Ghazela, Ariana
Website	https://universitesesame.com/
Phone	
Organisation Type	University



Person

Name	Nihel Boussetta
Email	nihel.boussetta@gmail.com
Job Position	Engineer



Organisation Details

Sesame university (High School of Applied Sciences and Management) is a well known tunisian engineering school founded in 2007. Sesame has several collaborations with academic partners such as: CNAM Paris, SKEMA Business School (Lille et Sophia), Telecom Sud Paris, EISTI Paris, l'Ecole des Mines d'Alès (EMA)... Moreover, the university has different industrial partners such as Discovery DataSoft, Cynapsys, Focus...

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Cooperation Profiles

[Coordinator: Intelligent wheelchair for supervising patients with automatic and real time localization based on IoT.](#)

H2020 Call: IoT-03-2017 (RIA) R&I on IoT integration and platforms The project aims to introduce an intelligent wheelchair for patients which can be automatically localized and which can supervise the health state of the patient in real time manner. First of all, wheelchair localization is a fundamental problem of robotics. Indeed, it demands a precise estimation of its position. The data from proprioceptive sensors (odometry) are generally insufficient because the ro-

bot's position cannot be estimated as compared to its previous position. To compensate for the accumulation of the errors, the process of localization needs absolute external data provided from Ultrasonic sensors, Cameras ... These data will be then merged with the odometric information, in order to have the best global estimation of the position. The second part of the system deals with integrating WBAN sensors in the wheelchair in order to collect physiological data of the patient. These data are analyzed to provide the real time health state of the patient and if there is a need, an emergency call can be generated. Moreover, the system can be connected with distant servers to store the collected patient's data. This system aims to achieve the following objectives:

- Real-time localization of the wheelchair.
- Fusion data collected from different sensors to have to best global estimation of the position.
- Integration of WBAN sensors to supervise the patient.
- Secure communications between different sensors.
- Outsource physiological collected data of the patient on distant servers (such as clouds...).

Enforma Information and Communication Technologies A.S.

Organisation Name

Country	Turkey
City	İstanbul
Street	Karanfil Sok 7C/39
Website	www.enforma-tr.com
Phone	
Organisation Type	SME



Person

Name	Bariş Bulut
Email	drbarisbulut@gmail.com
Job Position	Founder



Organisation Details

Our ongoing work is based around the following:

- **ICT,**
- **Telecommunications,**
- **Data processing,**
- **Telecoms regulations,**
- **Productisation,**
- **Research and development consultancy,**
- **State funding,**
- **Academia.**

We are in the look-out for partners we can work with in a **cooperative and conducive successful collaboration.**

[Please check out this link for a brief company profile.](#)

Sincerely,

Dr. Barış Bulut

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)

Cooperation Profiles**Partner: Open as involvement as a partner in collaborative projects**

We are open for involvement as a partner in projects across Europe where the topic falls into or is related to one of the following categories: Data Analytics, Big Data || Telecommunications and enterprise data security || IoT || Energy
We are open to working alongside a multitude of European partners in order to get the most out of and to contribute the most to the project.

TÜBİTAK BİLGEM

Organisation Name

Country	Turkey
City	KOCAELİ
Street	GEBZE
Website	
Phone	
Organisation Type	Authority/Government

Person

Name	Nizam Bulut
Email	nizam.bulut@tubitak.gov.tr
Job Position	Business Development Specialist



Organisation Details

TÜBİTAK Informatics and Information Security Research Center (BİLGEM) is a R&D center of Turkey which provides the country with innovative and original solutions on informatics, information and advanced electronics. With its experience exceeding 40 years and human resources surpassing 1700, BİLGEM conducts scientific and technological researches in compliance with international standards

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

FMV Işık University

Organisation Name

Country	Turkey
City	İstanbul
Street	Mesrutiyet Köyü Üniversite Sok.
Website	http://www.isikun.edu.tr/
Phone	
Organisation Type	University

Person

Name	Zeynep Büküm
Email	zeynep.bukum@isikun.edu.tr
Job Position	Director, Sponsored Research Office/TTO



Organisation Details

FMV Işık University was established in 1996 as a non-profit university by Foundation of Feyziye Schools (FMV), an education foundation established in 1885. Despite its young age, the university has five faculties, two Graduate Schools and three research centres. There are 32 undergraduate, 17 Masters's and five PhD programs. The number of academic staff is 285 and the majority of them have earned Ph.D. from renowned European and North American institutions. Işık University positions itself to be one of the most innovative and research-oriented universities in Turkey. Thanks to the university's cooperation with various national and international institutions, its project portfolio has exceeded 15 Million TL (about 5 Million Euros) for 2015-2016 academic year.

Işık University's research projects are organized, developed and managed through the Sponsored Research Office (SRO). This office works with faculty members to carry out planning, development and management of research projects, development of industrial relations, innovation, technology transfer, and intellectual property (IP) management.

SRO website: <http://www.isikun.edu.tr/dao>

Areas of Activity

Big Data and Content

- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

TÜBİTAK BİLGEM Information Technologies Institute

Organisation Name

Country	Turkey
City	Kocaeli
Street	Anibal
Website	www.bilgem.tubitak.gov.tr
Phone	
Organisation Type	R&D Institution

Person

Name	Gülay Büyükaksoy Kaplan
Email	gulay.kaplan@tubitak.gov.tr
Job Position	Chief Researcher

Organisation Details

Consisting of more than 1600 staff , more than 80% of whom are R&D staff , TÜBİTAK BİLGEM operates on information technology, information security, and advanced electronics. Based upon its experience exceeding 40 years, the center is now one of the most competent R&D centers of Turkey.

The institutions within BİLGEM have so far attained hundreds of project achievements in the fields of information security, software, and telecommunication.

Products and solutions developed by BİLGEM have gone beyond the country's border, being used by many European and Asian countries and NATO as well.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Reengen Energy

Organisation Name

Country	Turkey
City	İstanbul
Street	ITU Technopark
Website	www.reengen.com
Phone	
Organisation Type	SME

Person

Name	Sahin Caglayan
Email	sahin.caglayan@reengen.com
Job Position	CTO



Organisation Details

Reengen Energy IoT Platform is a PaaS analytics solution for Global Energy & Utilities Industries. Reengen's data science centric technology employs machine learning algorithms, big data analytics and a physics-based modeling of connected equipment, buildings and grid. The platform includes connectivity, device cloud, business logic, big data analytics and remote service applications. The value propositions are energy efficiency, operational efficiency, energy procurement optimization and predictive maintenance.

Reengen's Energy IoT Platform Delivers a comprehensive IoT technology stack that enables partner companies to:

- securely connect meters, sensors, equipment, assets and SCADA/BMS/Metering platforms
- apply data analytics libraries for actionable intelligence in a scalable way, quickly create great dashboards and reports
- innovate new ways to capture value and create new revenue streams from digital energy domain

Reengen's Energy IoT Platform enables building and grid operators with real time monitoring, visualization and analytics tools for better managing their assets, reducing operational costs and increasing energy efficiency, providing actionable intelligence and continuous optimization. The platform improves asset performance with continuous savings up to 30%.

The building energy efficiency vertical application of the platform enables building operators to better understand building and equipment performance. It identifies, classifies, and quantifies building energy consumption deviations from design intent or an optimum with dynamic energy simulations over cloud, support classification and identification of root causes of such deviations. It allows historical trending, pattern recognition and correlation between cause and effect of issues and events occurring in the various building and HVAC subsystems.

Actionable Insights: The platform enables benchmarking of a building's Lighting, Plug Loads, HVAC system performance against industry standards or benchmarks, optimizes the micro grid environment agents such as building integrated renewables, electric vehicles and storages and provides real time alerts and predictive recommendations to the building operator and automated optimizations to the existing Building Management Systems for corrective actions and fine tunings

Predictive maintenance: Future potential maintenance issues are identified through simulation and predictive technology through proper analytics on past performance data and issue trends. Such actions help extend equipment life, reduce operating costs and minimize disruption.

Informed decisions: Leveraging the cloud-based algorithms, building energy managers can model their future energy requirements and simulate their future operating budgets. The platform provides a decision support mechanism and an interface platform between Building Managements Systems and Energy Utility platforms for utilization of demand response and energy efficiency services.

Connected communities: At a fundamental level, virtualization of building subsystems allows harnessing dispersed

experts by creation of a connected community of advisors to enhance performance of buildings. Platform makes the "Bringing Virtual Energy Managers to the Buildings" possible through cloud based algorithms, organized big data analytics and the Internet of Things.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

KoçSistem

Organisation Name

Country	Turkey
City	Istanbul
Street	Unalan Mah Ayazma Cad Camlica Is Merkezi B3 Blok Uskudar
Website	www.kocsistem.com.tr
Phone	
Organisation Type	Company



Person

Name	Cigdem Cavdaroglu
Email	cigdem.cavdaroglu@kocsistem.com.tr
Job Position	R&D Project Executive



Organisation Details

Turkey's oldest and leading information technology company founded with domestic capital, **KoçSistem Bilgi ve İletişim Hizmetleri A.Ş.** was originally established as **Koç Ticaret Büro Levazımatı A.Ş.** with a representation agreement it concluded with the US-based Burroughs firm in 1945.

Our company has remained a market leader and stayed abreast of developments around the world ever since its founding. In keeping with developments over the years, it has shaped its organization based on the needs of the market.

In 1962, it became an independent company in order to better meet the expectations of the market and continued operations in the computer sector under the name **Koç-Burroughs**.

After Burroughs merged with Sperry Univac, another leading computer firm based in the US, in 1986, the name Koç Burroughs was changed to **Koç-Unisys** to reflect the Unisys (United Information Systems) name they had chosen. This agreement made our company responsible for management of all Unisys operations in Turkey.

Ten years later in 1997, the name Koç Unisys was changed to **KoçSistem** to reflect the vision for projects providing brand independent solutions and system integrations and diversification of the brands in the product offering.

A well-established and leading Turkish information technologies company, KoçSistem is a Koç Group company that has operated in the sector for 70 years and all of its shares are held domestically.

Company Development

With employees and a management approach focused on business excellence, KoçSistem helps make its customers competitive with its solution integration experience, and continues to be a pioneer in numerous areas of the Information Technologies and Communications sector.

In 2009, KoçSistem was granted permission to establish "the 16th authorized R&D center in Turkey and the first in the field of software" within the framework of Law 5746 Regarding Support for Research and Development Activities. Research, development and innovation work is being conducted in the field of information technologies with over 100 employees at the R&D and Innovation Center.

The first product developed as a result of this work was Pixage, a digital publishing software. Pixage has the distinction of being the first corporate digital publishing software developed in Turkey using solely domestic resources and was awarded the "Technology Solution of the Year in Europe" prize in 2012. Its journey in the global arena and the European market began with its digital publishing product Pixage in several stadiums, primarily England and Germany.

2012 was a year in which KoçSistem was recognized around the world for its accomplishments and won numerous awards. KoçSistem received the "Human Resources Team of the Year" award from the Stevie Awards, and it was also the first Turkish company to win the "Reputation and Brand Management" award, again from the Stevie Awards.

According to IDC data, KoçSistem, the Turkish IT Services market leader, won first place in the Informatics 500 System Integrator/serve, Server Revenues and Hosting/Management categories. It was a finalist in the Innovation Creativity Awards organized by TESİD with its remote meter reading product SistemetriKS. It was also one of the “National Champions” in the Environmental and Enterprise Sustainability category at the European Business Awards.

Celebrating its 70th anniversary in the Turkish information technologies sector in 2015, KoçSistem has expanded its service portfolio with technology-focused business solutions and strategic cooperations, achieving growth of 27%.

According to the 2015 IDC report, the company’s enterprise cloud computing services brand Maximus is an important player in the Turkish Enterprise Cloud market with a market share of 18%.

In 2010, KoçSistem began offering the “Virtual Data Center” service, which is the first self-service cloud computing service in Turkey, and is a pioneer in this field. The service is an alternative to the use of physical servers and provides customers with information processing and storage resources with monthly payments. The company has expanded its service portfolio in the field of cloud computing to better serve its customers in keeping with new trends and technological developments. In 2012, these services were consolidated under the Maximus brand.

KoçSistem proved its success in the cloud market by taking first place in the “Best Commercial Sector Case Study” at the Turkish Cloud Awards, earning the right to represent our country at Euro Cloud 2013. Our company brought the HR Cloud Payroll Management Service to market, thus implementing the first human resources cloud application in Turkey.

Another important KoçSistem venture that left its mark on 2012 was the establishment of its first foreign company in Azerbaijan. As a result of work it performed in Azerbaijan, KoçSistem executed successful projects with leading companies in the Azeri market, such as Azerinteltek and Azerfon. KoçSistem, it opened its first foreign R&D Center in 2015 in Baku.

One of the first companies to obtain a “Special Integrator” permit from the Revenue Administration in the area of e-Invoicing, KoçSistem distinguished itself in this field by obtaining the ISO 22301 Business Continuity Management certificate. KoçSistem offers its e-Invoice solution with the cloud architecture model, and it continues to expand its e-Government product portfolio with e-Ledger and e-Archive.

KoçSistem has continued its strategy of focusing on areas that shape the business world such as mobile technologies, cloud computing and managed services, and became a market leader in important areas in 2013.

With the investments it has made in the area of manageable security services, KoçSistem has raised its capacity to identify and monitor risks in advance and to instantly offer the right solution, opening its Security Operations Center in 2013. The company has an end-to-end approach to addressing services in this area and has achieved the ability to manage all of the services purchased from different companies via a single center.

In its enterprise risk management applications, KoçSistem offers many customers Business Continuity and Disaster Recovery Services with Data Centers in Ankara and Istanbul that have completed international accreditation. On the Istanbul One project, which is Turkey’s largest data center, it brought one of the largest investments made by an international company to our country thanks to its cooperation with Zenium Technology Partners, a leading global data center company. KoçSistem provides hosting and managed service solutions to companies that need bulk space leasing and system management on a large scale via Istanbul One, which was completed in 2015.

KoçSistem offers infrastructure transformation solutions, business applications and managed service solutions to customers in finance, telecommunications, retail sales, energy, durable consumer goods, automotive, government, transportation and many other sectors.

Our company meets the needs of its customers in a reliable and integrated fashion based on their demands and expectations while ensuring unconditional customer satisfaction thanks to the powerful strategic partnerships it has developed. With its extensive experience, its reliable partnerships and an approach that stays abreast of the latest technology, KoçSistem offers information technology services to the 500 largest companies in Turkey.

Limantepe Technology & Life

Organisation Name

Country	Turkey
City	Urla İzmir
Street	TeknoPark İzmir A10/32, IYTE Kampüsü
Website	www.limantepe.com
Phone	
Organisation Type	SME



Person

Name	Haluk Celikel
Email	haluk.celikel@limantepe.com
Job Position	Managing Partner



Organisation Details

Limantepe Technology & Life is a research and innovation company focusing on Cloud Based Health Information Systems. Limantepe is developing Medical Image Archive and Share System on the Cloud. It is first and only cloud based system in Turkey. The company's main target to enable patient to control their own medical images with related documents by using internet technologies.

Limantepe Technology and Life is established by Haluk Celikel and Mustafa Murat Olgun in mid 2015 after long track records of their own fields.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: [Health Tech](#)

Istanbul Universitesi

Organisation Name

Country	Turkey
City	İstanbul
Street	Istanbul Univ., İktisat Fak., Beyazit, Fatih
Website	
Phone	
Organisation Type	University

Person

Name	Gurel Cetin
Email	gurelc@istanbul.edu.tr
Job Position	Assoc. Prof.

Organisation Details

Tourism Management Dept. at Istanbul University.

Areas of Activity

Big Data and Content

- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Cooperation Profiles

Coordinator: [Data mining and ICTs for SMHEs in tourism](#)

TUBITAK

Organisation Name

Country	Turkey
City	ANKARA
Street	ATATURK BULV.
Website	
Phone	
Organisation Type	Authority/Government

Person

Name	PINAR CETIN
Email	pinar.cetin@tubitak.gov.tr
Job Position	NCP

Organisation Details

TUBITAK is the organizer of the event and the major funding agency of R&D and Innovation in Turkey. I am the NCP for Secure Societies under Horizon 2020 which also includes the Digital Security Calls. I have access to Turkish researchers, industry and practitioners that are experienced in cyber security related issues.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

NETAS

Organisation Name

Country	Turkey
City	Istanbul
Street	Yenisehir Mah. Osmanli Bulvari No:11 Pendik Kurtkoy
Website	http://www.netas.com.tr/
Phone	
Organisation Type	Company

Person

Name	Erkan Cetiner
Email	ecetiner87@hotmail.com
Job Position	IP Multimedia Platform Design Engineer



Organisation Details

Netaş is a sector leader of Turkey with strong R&D capabilities on Telecommunication and ICT products and solutions for more than 1500 domestic and international customers from America, Europe, Africa and Asia with 20% YOY CAGR. Netaş awarded company on 'Best Telecommunication R&D' and 'Best R&D employment' of Turkey by Ministry of Science, Industry and Technology.

Netaş achieving high quality R&D results, with its VoIP multimedia labs, which are among the top ten in the world, and a track-record of 43 years in telecommunications R&D and investments on 4G, 5G, IOT, Cyber Security, Core Switching, Evolved Packet Core Technologies. The company provides innovative end-to-end value-added systems integration and technology services in the fields of information and communications technologies. Its customers range from telco providers to public and private enterprises in domestic and international markets. Netaş charters its vision to become Turkey's and Region's #1 systems integrator working as per global standards.

Furthermore, with 800+ R&D engineers and 2200+ employees, Netaş provides a wide array of services to enterprises functioning in various vertical segments, particularly telco providers and those in finance, general industry and defense sectors. Netaş also nurtures strategic partnerships with global technology giants to provide its customers an insight to help them keep pace with and adopt more efficiently the latest developments in the field of ICT, and continues to develop software solutions for more than 200 global operators.

BioSense Institute

Organisation Name

Country	Serbia
City	Novi Sad
Street	Zorana Đinđića 1
Website	www.biosens.rs
Phone	
Organisation Type	R&D Institution

Person

Name	Grigorios Chatzikostas
Email	gchatzikostas@gmail.com
Job Position	Business Development Manager



Organisation Details

BioSense Institute coordinates, focuses and advances research, introduction and promotion of state-of-the-art ICT solutions in agriculture, ecology, environmental protection, water management and industry. BioSense Institute is an internationally recognized multi-disciplinary scientific research center and a regional provider of advanced information and communication technologies (ICT) in agriculture and environmental monitoring. In BioSense Institute, recognized by EC as a "scientific lighthouse in the region" and thus financed for further reinforcement of Institute itself and its infrastructures, novel scientific concepts such as "smart dust", "crowdsourcing", "compressed sensing", "digital fountain" and "open innovation" are not only becoming a reality but are also put in action in various mission-critical real life cases. With state-of-the-art equipment and – most important – with an international group of more than 60 enthusiastic researchers, BioSense Institute is able to perform scientific research at the global level and contribute to the development and sustainability of eco-innovation in the areas of major importance for society - agriculture and the environment. As a result of the multidisciplinary orientation, scientific work and cooperation with innovative companies and Regional Government of Autonomous province of Vojvodina, BioSense Institute founded and hosts first European LivingLab with specific focus on Precision Agriculture – PA4ALL, an open innovation eco- system that promotes user-driven precision agriculture in the region of Vojvodina, and is a member of the European Network of LivingLabs (ENoLL). Through many projects, such as FP7 FRACTALS, H2020 KATANA and H2020 IoF2020, close collaboration with the SMEs ecosystem was established, which enlarged the capacity of the Institute in the field of start-up accelerator. With 14 FP7 and 10 H2020 projects and a large number of research activities funded by other sources (both from the national and international sources, including industry), BioSense possesses significant human and material resources.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: [ICT-25b. Hyperspectral imaging system for apple ripeness detection](#)

Motivation: A critical aspect in successful agricultural robots (henceforth, agrobots) is their ability to process sensory information, and in particular, their capacity to analyse and interpret visual input. Indeed, the coupling of visual data

with proper machine vision algorithms may facilitate numerous operations and advance agricultural automation to new levels. However, the challenges associated with machine vision in severely unconstrained environments like those encountered in agricultural settings are countless: objects of various colours, shapes, sizes, textures, and reflectance properties; highly unstructured scenes with large degree of uncertainty; ever-changing illumination and shadow conditions; severe occlusions; and the sheer complexity of the typical unstructured agricultural scene, are only part of the problems that such a machine vision system must face.

Objectives:1.Develop hyperspectral imaging system for apple ripeness detection2.Integrate the weeding module with a lightweight multipurpose robotic platform such as Clearpath Robotics Husky UGV;3.Validate and test the developed system in a 350 ha apple orchard in Celarevo, Serbia.**Expected Results and Impact:**An autonomous robotic system with ability to detect fruits and determine the ripeness level. Based on this information, a harvest map is created, where only the fruits ripe enough to harvest are including, where for the rest an estimated harvest time is given. The system can be integrated with an automated harvester.

Partner: SME Instr. Smart packaging technologies

Background/motivation: Monitoring food quality against deterioration and spoilage is not only a main health and quality of life issue for the citizens in EU but is also related to economical and environmental issues, since it contributes to the depletion of the natural resources. Increasing demands from various stakeholders (food producers, processors, retailers, consumers, etc.) for the development of innovative and Smart Packaging, leads to the need of introducing certain functionalities to food packages in order to provide feedback about potential undesired decomposition/contamination of the food. Printed sensors using functional nanomaterials certainly could provide a new impact in this direction. This relatively new technology offers unique advantages over previous efforts, as it enables the production of flexible, recyclable and biodegradable chemical sensors with integration-capability inside the package, while at the same time limiting additional costs and materials.

Objectives:1.Develop functional nanomaterials for chemical sensing devices2.Develop low-cost technological printed processes3.Design and performance evaluation (Sensitivity, Selectivity, Specificity, Stability) of chemical sensors.4.Integration of the sensing platform directly on the food packages5.Validate and test the developed system with various relevant chemical species.

Expected Results ‹A low-cost gas sensor integrated on the food package ‹Optimized nanomaterials performance for selective detection of reactive gases ‹Perform gas measurements ‹Chemical sensor integrated on the food packages

Glushkov Institute of Cybernetics NAS of Ukraine

Organisation Name

Country	Ukraine
City	Kyiv
Street	40, Glushkov ave.
Website	http://icyb.kiev.ua
Phone	
Organisation Type	R&D Institution

Person

Name	Valentyna Cherepynets
Email	james1981@yandex.ru
Job Position	Researcher



Organisation Details

Glushkov Institute of Cybernetics (GIC) of National Academy of Sciences of Ukraine (NASU) is a widely known in Ukraine and abroad scientific center for solution of fundamental and applied problems in computer science and engineering.

GIC is a developer of the fastest Ukrainian supercomputer SCIT-4 and one of the mainframes of Ukrainian GRID super-computing network which takes part in European Grid Infrastructure projects.

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Coordinator: [Smart network for air pollution monitoring](#)

Idea and description The problem of air pollution is one of the most pressing in our time. This is especially true for large and densely populated cities. The question of measuring the level of air pollution, monitoring and decreasing of its level is considered as important and submitted for examination at the national level in advanced countries. This project aims to use the latest technologies to solve urgent problems of large cities. One of these problems is to monitor air quality. Project for monitoring of air pollution involves the creation of an extensive system of sensors to be installed in problem areas of the city, such as industrial facilities or intersections with heavy traffic, these sensors will transfer data to united monitoring system. Developing this project we use the latest advances in areas such as the Internet of things (IoT), smart home, neural networks, transmission and processing of data and other information technology. Smart network is based on the mesh-network technology, which allows the sensors to communicate within the network and with the outside world. Modern technologies allow developing of highly intellectual sensors of rather small size and cost, making the project more affordable for implementation. Sensors can be embedded into objects of environment, such as construction panel of houses, and immediately be ready to form a network. Devices are interconnected via wireless technology to transmit data using Internet of things protocols. Such networks are generating significant amounts of data, which are processed by computer and are used to monitor, diagnose and predict the behavior of different systems and inform users. With the latest advances system is able to operate almost without human intervention. The availability of the results of such monitoring allows detecting of problems in sites air pollution field and directing of resources on selected areas with critical levels of pollution. With the support of "Neocortex" company and Smart City community project is being implemented in Kyiv, Ukraine. Test network of sensors is created, installed and successfully monitors air pollution in a residential complex, located near the factory. This monitoring system will enable more effective approach to address the issue of reducing air pollution in large cities. It will be useful for both national health and environmental protection, and private developers or architects who want to make new modern cities safe and comfortable to stay. Internet of Things brings new opportunities for the development of many systems created by humanity. Automation of air pollution monitoring networks will significantly improve the quality of

inhabitants' life and reduce of resource consumption. Goals - To create extensible smart network and expandable open source platform for independent air quality monitoring - To provide open data access to up-to-date air quality data and reports for active, smart citizen of cities - To provide instant air quality reports to local and state governments - To cooperate with other Internet of things projects Current project status At the moment we developed MVP/ prototype of sensor with the following characteristics: - detection of VOC, $NxOy$ and CO gases - detection of PM2.5 dust and smoke particles - collection of air temperature, moisture and pressure data - WiFi connectivity - Mesh-network The prototype sensors are installed in a lighthouse project of smart district Living Lab in Kyiv, Ukraine. The data will be available for viewing in web browser and through public API. Analytic reports will be used by Kyiv government to reveal sources of air pollution and increase quality of living. Partners - Kyiv National Taras Shevchenko University - Kyiv Smart City community has a leading role in promoting this project in the capital of Ukraine - 1991 Open Data Incubator - LUN.UA - Neocortex company To submit a proposal to H2020 call (Internet of things) we are looking for partners in the following areas: - Architects, urbanists - Ecologists - Microelectronic engineers - Software developers - Machine Learning, Big Data specialists, Neural networks - Consultants for Horizon 2020

Tunisie Telecom

Organisation Name

Country	Tunisia
City	Tunis
Street	TT
Website	
Phone	
Organisation Type	Company

Person

Name	Houda CHIHI
Email	houda.chihi@gmail.com
Job Position	PhD in telecommunication

Organisation Details

Hello,

i have defended my PhD in telecommunication field in June 2016 and at the same time i am an engineer in a telecommunication operator wher my task is KPI analysis and reporting , i have also a good experience in maintenance and supervision in 2G/3G/4G networks,

actually i am continuing my research in green communication, Internet of things , big data and 5G networks,

i hope to participate in the H2020 event and i like to discuss some ideas that allow me to be a contact point between H2020 projects and my organization related to Tunisie Telecom

I like also to discuss the contribution that can provide IOT (Internet of things) to telecommunication operator especially in terms of quality of service

Discussing the frequency plan that can be dedicated to IoT

Kind regards!

Areas of Activity

Big Data and Content

- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

ICT Key Enabling Technologies

- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Robotics and Autonomous Systems

- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Coordinator: [Energy Efficiency Optimization in 5G networks](#)

The idea is optimizing the energy efficiency in the news waveforms of the future 5G networks,

Coordinator: [Optimizing the energy efficiency](#)

The enrgy consumption received great attention recently, for this reason the idea is to propose news approaches improving the enrgy efficiency,

Coordinator: [Internet of Things](#)

Presentation of some ideas related to Internet of Things and cloud computing related to growing demand of M2M communication

Coordinator: [Big Data](#)

Examine the benefit that we can obtain from Big data towards the requirements of telecommunication operators

NETAS

Organisation Name

Country	Turkey
City	istanbul
Street	Yenişehir Mah. Osmanlı Bulvarı No:11
Website	www.netas.com.tr
Phone	
Organisation Type	Company

Person

Name	Mehmet Dagli
Email	mdagli@netas.com.tr
Job Position	Multimedia Technologies R&D

Organisation Details

Netas provides innovative end-to-end value added systems integration and technology services in the fields of information and communications technologies (ICT). Its customers range from telco providers to public and private enterprises in domestic and international markets. Netas's constant increase in productivity is based on its next generation competencies around technology skillset and expertise. The company holds a track-record of 47 years and continues its foray in the field of information technologies, supported by with its experienced, best of breed research and development department. Netas also plays an important role in the modernization of the Turkish Armed Forces defense communication networks.

Netas charters its vision to become Turkey's and Region's #1 systems integrator working as per global standards. The company provides a wide array of services to enterprises functioning in various vertical segments, particularly telco providers, finance and general industry. The company nurtures strategic partnerships with global technology giants to provide its customers an insight helps them keep pace with the latest developments in the field of ICT and adopt them more efficiently, and continues to develop software solutions for more than 200 global operators.

Netas excelled against 500 other Turkish companies to win the title "Software Export Champion" five times in the last nine years. In 2016, Netas rewarded 1st R&D in "Corporation and Interaction" category amongst 127 R&D Centers, based on 2015 performance index evaluation of Turkish Ministry of Science, Industry and Technology. In Patent applications, Netas ranked as 3rd "Best Patent Application Boom" with 2015 Patent applications of 70+.

The company, with 23% CAGR in revenue in the last 7 years, provides its customers with networking, security, unified communications, virtualization, cloud computing, broadband access, defense technologies, optical and carrier Ethernet, GSM-R, IT integration services, strategic outsourcing and tailored software development solutions. Netas provides extensive and goal oriented services, ranging from technology consultancy to post-sale assistance for government entities, companies and defense contractors in the Asia-Pacific, CIS and North African territories.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Mikroelektronik Ltd.

Organisation Name

Country	Turkey
City	İstanbul
Street	Reşitpaşa mah. Katar Cad. 4 ARI 3 Teknokent B203 Sarıyer
Website	
Phone	
Organisation Type	Company

Person

Name	ARZU DATLI ÖZPINAR
Email	arzu@um-ic.com
Job Position	Business Developer



Organisation Details

Mikroelektronik Ltd. is a IC design company whis mainly focuses on RF & Mixed Signal ASIC design. It is a subsidiary of ASELSAN (%85 share) and İTÜ-ETA Foundation (%15 share).

Areas of Activity

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

AKSARAY UNIVERSITY

Organisation Name

Country	Turkey
City	AKSARAY
Street	AKSARAY ÜNİVERSİTESİ.FİZİK BÖLÜMÜ.AKSARAY-TUR
Website	www.aksaray.edu.tr
Phone	0.532.5616947
Organisation Type	University

Person

Name	BURHAN DAVARCIOGLU
Email	burdavog@hotmail.com
Job Position	RESEARCHER (ACADEMICAN)



Organisation Details

Since the discovery of the laser, a significant level of scientific research has relied heavily on advanced laser technology. The remainder of laser usage falls into the commercial, industrial and medical categories. Whether using single frequency lasers for high resolution spectroscopy, femtosecond lasers for ultrafast spectroscopy, scientists in many fields of research benefit from the unique properties of lasers. Significant achievements have taken place in the generation and amplification of ultrashort optical pulses from the femtosecond to nanosecond time scales. The emergence of new ultrafast optical modulation techniques has opened the way towards a new femtosecond laser technology based on solid state gain media. Femtosecond laser systems have proven their potential in research laboratories in a variety of applications that were previously unthinkable, in fields as diverse as material processing, photonic device production, microscopy, and biomedicine. Laser power, wavelength, linewidth, pulse length, and beam profile must all be optimized for a particular application. In the future, they may be a critical component of space based remote sensing systems, communications systems and laser medicine.

Areas of Activity

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)

Cooperation Profiles

Partner: Broadly Tunable Chromium Doped Zinc Selenide Laser in the Mid-Infrared Region

Cr²⁺:ZnSe is one of the most studied and effective laser materials which meet all the previous mentioned requirements. The new active materials as well as new methods of other wavelengths generation are desired. One of the new materials investigated thoroughly in the past is ZnSe crystal doped with chromium ion. Recently, Cr²⁺ doped chalcogenide lasers have emerged as an attractive source of tunable laser radiation in the 2-3 μm region. In contrast to many other transition metal doped solids, Cr²⁺ ions in II-VI materials can exhibit significantly higher quantum yields at room temperature. Thermal diffusion doping is the widely used postgrowth technique for the preparation of Cr²⁺:ZnSe samples. Further optimization of the materials preparation are needed to obtained laser quality samples for future mid-infrared laser performance testing. The important advantage of Cr²⁺:ZnSe is the availability of the technologically developed and low cost polycrystalline material which makes the idea of the practical tunable diode pumped Cr²⁺:ZnSe laser feasible. Solid state tunable mid-infrared laser radiation sources operating at room temperature are required for many applications in spectroscopy, including chemical monitoring, ranging, remote sensing, medical diagnosis, medical treatment, and also for coherent pumping of solid state lasers as well as nonlinear optical materials.

Research Council of Norway

Organisation Name

Country	Norway
City	Oslo
Street	Drammensveien 288
Website	www.rcn.no
Phone	
Organisation Type	Authority/Government

Person

Name	Kim Davis
Email	kid@forskningsradet.no
Job Position	Senior Advisor

Organisation Details

National Contact Point for ICT LEIT programme in Norway.

University of Piraeus Research Center

Organisation Name

Country	Greece
City	Piraeus
Street	Gr. Lampraki 122
Website	http://tns.ds.unipi.gr/
Phone	
Organisation Type	University

Person

Name	Panagiotis Demestichas
Email	pdemest@unipi.gr
Job Position	Professor

Organisation Details

The University of Piraeus is a highly prestigious institution in the area of Finance, Technology and Digital Systems. The Telecommunication Networks and integrated Services (TNS) laboratory is the main driver and contributor to making the UPRC one of the fastest growing institutions in Greece in the national and international research arenas. TNS consists of over twenty (20) researchers and is very active, both internationally and nationally, in all areas related to telecommunication networks and services and more specifically to research related to smart wireless access, 5G/B4G networks, smart management of end-2-end infrastructures, Internet of Things (IoT) and cloud platforms, smart grids and smart cities.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Cooperation Profiles

[Coordinator: Miniature blind spots monitoring and surveillance smart system with self-powering capabilities \(ICT-31\)](#)

The main objective of the project is to develop an unattended, autonomous, highly multifunctional MEMs based, micro-scale sensor node, as a main part of a wireless sensor network (WSN), able to support unattended operation for extremely long time intervals. Apart from other use cases, its main application foreseen, is to be easily deployed in the vicinity of weakly observed border areas in order to collect information about trespassing attempt events. Subsequently, information collected and processed by sensor nodes is forwarded to remotely located Fusion Centers by ex-

exploiting a wireless multi-hop ad-hoc network. Consequently, the sensing node is building on advancements in: energy efficiency by design, hybrid energy harvesting techniques, advanced sensor built-in intelligent Information Processing, Resources Management, and Power Control, plus the latest trends into Self-Organizing and Self-Healing networks based on evolved Routing/Geometric Routing protocols.

TTC Otomotiv müh. Dan. Ltd Sti

Organisation Name

Country	Turkey
City	Bursa
Street	ULUTEK TGB K2 D238
Website	www.ttc-tr.com
Phone	
Organisation Type	SME

Person

Name	Mehmet Demirci
Email	mdemirci@ttc-tr.com
Job Position	General Manager

Organisation Details

Micro-controller based embedded systems and production of Rapid Development Kits

Product Development for Automotive, Defense, Aerospace, Aviation, Rail Systems and Machinery

Project Development for Renewable Energy Systems (Hydropower, Solar, Wind, Biomass, Biogas)

Areas of Activity

Robotics and Autonomous Systems

- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

NETAS

Organisation Name

Country	Turkey
City	Istanbul
Street	Osmanlı Bulvarı
Website	www.netas.com.tr
Phone	
Organisation Type	R&D Institution

Person

Name	Senay Demirel
Email	stuna@netas.com.tr
Job Position	Project Manager

Organisation Details

Netaş is a sector leader of Turkey with strong R&D capabilities on Telecommunication and ICT products and solutions for more than 1500 domestic and international customers from America, Europe, Africa and Asia with 20% YOY CAGR. Netaş awarded company on 'Best Telecommunication R&D' and 'Best R&D employment' of Turkey by Ministry of Science, Industry and Technology.

Netaş achieving high quality R&D results, with its VoIP multimedia labs, which are among the top ten in the world, and a track-record of 43 years in telecommunications R&D and investments on 4G, 5G, IOT, Cyber Security, Core Switching, Evolved Packet Core Technologies. The company provides innovative end-to-end value-added systems integration and technology services in the fields of information and communications technologies. Its customers range from telco providers to public and private enterprises in domestic and international markets. Netaş charts its vision to become Turkey's and Region's #1 systems integrator working as per global standards.

Furthermore, with 800+ R&D engineers and 2200+ employees, Netaş provides a wide array of services to enterprises functioning in various vertical segments, particularly telco providers and those in finance, general industry and defense sectors. Netaş also nurtures strategic partnerships with global technology giants to provide its customers an insight to help them keep pace with and adopt more efficiently the latest developments in the field of ICT, and continues to develop software solutions for more than 200 global operators.

Areas of Activity

Big Data and Content

- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Uskudar University

Organisation Name

Country	Turkey
City	Istanbul
Street	Altunizade Mh. Haluk Türksoy Sk. No:14 Uskudar
Website	http://www.uskudar.edu.tr/
Phone	
Organisation Type	University

Person

Name	R Murat Demirer
Email	murat.demirer@uskudar.edu.tr
Job Position	Head of Industrial Engineering Department



Organisation Details

We are theme-based specialized University in the field of psychology and psychiatry. My specialized area is Artificial Intelligence, robotics and data based subjects based on our huge data base for mental disorders which covers EEG, fMRI and other modalities. When I was working in Istanbul Kultur University, I was a coach for a robotics team of students and we got second place in World Championship in the field of BCI based robotics arm development in RoboCup CA-USA. I hold a biomedical engineering doctoral degree at Bogazici University.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

ICT Key Enabling Technologies

- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Cooperation Profiles

[Partner: Artificial Intelligence based advice system for mental disorders](#)

I will introduce a new idea based artificial intelligence system that uses set based ladder learning based on various cost functions for layered mental disorders and Alzheimer to diagnosis in advance by offering advice based on a fusion of vast database of EEG, fMRI and tractographic data. This system will change its diagnostic profile on a dime based on new alternative treatment ways for each patient. This will provide early treatment with more effective and cost reduction strategy and prevent false decisions i.e bipolar and major depression. Layered mental disorder strategy will replace instead of current classical strategy using separating bipolar, schizophrenia, dementia and Alzheimer diseases.

Hayriya Bilişim ve Sağlık Teknolojileri AŞ

Organisation Name	
Country	Turkey
City	KOCAELI
Street	TUBİTAK - MAM Teknoloji Serbest Bölgesi
Website	www.hayriya.com
Phone	
Organisation Type	SME



Person	
Name	Bahar DEMIRHAN
Email	bahar@hayriya.com
Job Position	R&D Specialist



Organisation Details

Hayriya provides innovative technology that are shaping a new age of medical devices and healthcare information services.

We focus on wearable technologies with a proven approach to long-term continuous monitoring that enables diagnosis earlier to improve patient outcomes and reduce clinical costs. Our professionals are located at the corporate headquarters in TUBITAK MAM Technology Development Center, Kocaeli/Turkey. Our expertise in medical imaging and instrumentation, medical diagnostics, patient monitoring systems help our customers to deliver better care to more people at around the world at a lower cost.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

NETAS

Organisation Name

Country	Turkey
City	Istanbul
Street	Yenişehir Mah Osmanlı Bulvari No:11 Pendik
Website	http://www.netas.com.tr/
Phone	
Organisation Type	Company

Person

Name	Ali Serdar Demiroglu
Email	alisd@netas.com.tr
Job Position	Software Development Manager

Organisation Details

Netaş is a sector leader of Turkey with strong R&D capabilities on Telecommunication and ICT products and solutions for more than 1500 domestic and international customers from America, Europe, Africa and Asia with 20% YOY CAGR. Netaş awarded company on 'Best Telecommunication R&D' and 'Best R&D employment' of Turkey by Ministry of Science, Industry and Technology.

Netaş achieving high quality R&D results, with its VoIP multimedia labs, which are among the top ten in the world, and a track-record of 43 years in telecommunications R&D and investments on 4G, 5G, IOT, Cyber Security, Core Switching, Evolved Packet Core Technologies. The company provides innovative end-to-end value-added systems integration and technology services in the fields of information and communications technologies. Its customers range from telco providers to public and private enterprises in domestic and international markets. Netaş charters its vision to become Turkey's and Region's #1 systems integrator working as per global standards.

Furthermore, with 800+ R&D engineers and 2200+ employees, Netaş provides a wide array of services to enterprises functioning in various vertical segments, particularly telco providers and those in finance, general industry and defense sectors. Netaş also nurtures strategic partnerships with global technology giants to provide its customers an insight to help them keep pace with and adopt more efficiently the latest developments in the field of ICT, and continues to develop software solutions for more than 200 global operators.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: NETAS Profile

We would like to join activities and projects around IoT and big data topics. We would possibly join as a partner for now. As a big company, we have some expertise around IoT, M2M, 4G/5G, Multimedia communications and E-learning. We have been involved into several Celtic projects like UNITED, Virtuoze, etc. and we had some proposals for H2020 which were labeled but now funded. We also applied for several Fast Track Innovation projects this year like 5GNATAL and MYLEARNINGE and waiting for their acceptances now.

CARDTEK

Organisation Name

Country	Turkey
City	Istanbul
Street	Katar
Website	www.cardtek.com
Phone	
Organisation Type	Company

Person

Name	Oguzhan Deric
Email	oguzhan.deric@cardtek.com
Job Position	Software Specialist

Organisation Details

Software Company

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Etkin Proje

Organisation Name

Country	Turkey
City	Istanbul
Street	eğirmen Sokak Ar Plaza A Blok No:16 Kat.4 Daire/ 41
Website	www.etkinproje.com
Phone	
Organisation Type	Consulting

Person

Name	Dr Rosen Dimov
Email	rosen.dimov@etkinproje.com
Job Position	EU Projects Manager



Organisation Details

Etkin Proje consults the R&D activities of over 50 R&D centres and 250 companies in Turkey. With 3 offices in different cities in Turkey and a staffing size of 35 experienced R&D experts, the company has gained the reputation of one of the leading companies in the sector.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

TOBB University of Economics and Technology

Organisation Name

Country	Turkey
City	Ankara
Street	Sogutozu Cad. 43. Sogutozu
Website	www.etu.edu.tr
Phone	
Organisation Type	University

Person

Name	Erdogan Dogdu
Email	erdogandogdu@gmail.com
Job Position	Faculty member

Organisation Details

TOBB University is established in 2003 and currently has more than 5000+ students. The university has a newly established Technology Center with many laboratories for research and teaching. Engineering School departments have all PhD and MS programs and a large body of graduate students. The school is very competitive in research with many ongoing funded research projects.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Netas Telecommunication Inc.

Organisation Name

Country	Turkey
City	Istanbul
Street	Yenişehir Mah. Osmanlı Bulvarı No:11 Kurtköy-Pendik
Website	www.netas.com.tr/en
Phone	
Organisation Type	Company

Person

Name	Mehmet Yunus Donmez
Email	ydonmez@netas.com.tr
Job Position	Innovation and R&D Projects Specialist

Organisation Details

Netaş is a sector leader of Turkey with strong R&D capabilities on Telecommunication and ICT products and solutions for more than 1500 domestic and international customers from America, Europe, Africa and Asia with 20% YOY CAGR. Netaş awarded company on 'Best Telecommunication R&D' and 'Best R&D employment' of Turkey by Ministry of Science, Industry and Technology.

Netaş achieving high quality R&D results, with its VoIP multimedia labs, which are among the top ten in the world, and a track-record of 43 years in telecommunications R&D and investments on 4G, 5G, IOT, Cyber Security, Core Switching, Evolved Packet Core Technologies. The company provides innovative end-to-end value-added systems integration and technology services in the fields of information and communications technologies. Its customers range from telco providers to public and private enterprises in domestic and international markets. Netaş charters its vision to become Turkey's and Region's #1 systems integrator working as per global standards.

Furthermore, with 800+ R&D engineers and 2200+ employees, Netaş provides a wide array of services to enterprises functioning in various vertical segments, particularly telco providers and those in finance, general industry and defense sectors. Netaş also nurtures strategic partnerships with global technology giants to provide its customers an insight to help them keep pace with and adopt more efficiently the latest developments in the field of ICT, and continues to develop software solutions for more than 200 global operators.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Zeus Consulting S.A.

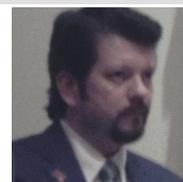
Organisation Name

Country	Greece
City	Patras
Street	Riga Feraiou, 93
Website	www.zeusconsulting.com
Phone	+302109400033
Organisation Type	SME



Person

Name	Ioannis Dontas
Email	info@zeusconsulting.com
Job Position	Senior Consultant



Organisation Details

ZEUS CONSULTING S.A., established in 1992, is a leading service and consulting company operating in the IT and Management sector. Located in Greece with offices in the European Union, the Balkans and Turkey, the company has the size, the know-how, the technology and the infrastructures to meet all the challenges providing total quality solutions to private and public research and commercial developments. Clients and Partners from SMEs to giant Companies and from small municipalities to international organizations.

ZEUS CONSULTING carries long (over 20 years) and strong RTD experience in both supporting (as partner) and managing (as coordinator) multiple research project collaborations within various European Research Collaborative Programmes along with other contracted research also as technology consultants.

ZEUS CONSULTING, in an effort to offer high quality services to its customers and to strengthen the know-how of its personnel, collaborates via commercial and research projects with the more important companies and research institutes at European and international level.

The sector of Information Technologies constitutes the peak of ZEUS CONSULTING's knowledge and expertise. More specifically, the company has specialized departments of information technology, which cover the following sectors:

- E-Governance
- Mobile Computing
- Systems of Knowledge Management
- Platforms for teleworking and e-learning
- Cloud computing and Big Data
- Internet of Things and Smart Cities
- Service-Oriented Architectures (SOA)
- E-Commerce
- Cybersecurity
- Safety of ICT Systems

Areas of Activity

Big Data and Content

- ICT-20-2017 (RIA) Tools for smart digital content in

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and plat-

the creative industries (17 mill €)

forms (37 mill €)

Cooperation Profiles

Coordinator: Smart Platform for Intelligent Objects Tracking (SPIOT)

Introduction: The often observed lack of a unified, effectively supervising platform of Supply Chain Management process is defining specific needs for the relevant markets as following:

- To cope with the dynamics of freight (less than ordered goods), to react with exceptions during transport (delays, damages), to integrate with heterogeneous backend systems (different ERPs and message standards)
- To use a unique and adaptive platform for mobile elements (load units, tracks, containers) of a Sustainable Supply Chain Management.

Therefore, we propose an open, global, unified, integrated, flexible, expandable and interoperable Smart Platform for Intelligent Objects Tracking (SPIOT) framework based on IoT technologies for full control and supervision of Supply Chain Management process, focusing on fruits, vegetables and food cases. Work Programme Topic: IoT-03-2017 Type of Project: Research and Innovation Action (RIA) Project Objectives:

- SPIOT will bring together different ICT technologies (wireless communications, WSN, sensors and RFID, low-power computing, IoT platforms, cloud architectures, adaptive and cognitive systems etc.) to be applied in intelligent transport and management systems.
- SPIOT will produce special benefits to customers via real monitoring, tracking and general awareness of the transferred objects' position, status etc. towards mitigation of losses during transportation.
- SPIOT will establish platforms for co-creation of products and services in open innovation ecosystems including all relevant stakeholders. We are seeking for:

- Pilot Leader/provider for fruits, vegetables and food use cases
- Infrastructure provider
- Exploitation partner
- Local End Users Participants

Skills: IoT developers, researchers.

Safetech Innovations SRL

Organisation Name

Country	Romania
City	Bucharest
Street	12-14 Frunzei Street
Website	www.safetech.ro
Phone	
Organisation Type	SME



Person

Name	Alin Valentin Dragan
Email	alin.dragan@safetech.ro
Job Position	Communication and Outreach Coordinator



Organisation Details

SAFETECH INNOVATIONS (or in its shorter name SAFETECH) is a Romanian Information Security company, that provides a wide range of IT security services and solutions, including specialized SOC/CERT/CSIRT services to important corporate and government customers.

ORGANISATION TYPE: SME with Research, Technology Development and Innovation (RTDI) activities

ACTIVE IN THE FOLLOWING SECTORS: Energy; Banking and Insurance; Health & Medical; Government; Public Administration, Defense etc.

ACTIVITY: SAFETECH INNOVATIONS was founded in 2011 and it is the market leader on this thematic in Romania, with Research, Technology Development and Innovation (RTDI) activities.

SAFETECH INNOVATIONS can provide a large spectrum of Cyber Security Services and Solutions for the development of the projects in the area of IoT.

SAFETECH INNOVATIONS:

- **Founded, Owns and Operates** a **PRIVATE Computer Security Incident Response Team / Computer Emergency Response Team (STI-CERT)** which is accredited by Trusted Introducer, at European level (since 2015) and which provides to its customers, including owners of Critical Infrastructures, Incident Response and Security Monitoring Services - to name the most representative ones;
- **Is the first company from Romania and one of the few in Europe, registered as a member of NATO INDUSTRY PARTNER ROSTER** and partner in the NATO Industry Cyber Partnership (NICP). Our Company also has the NATO Commercial and Government Entity Code (NCAGE Code).and partner in the **NATO INDUSTRY CYBER PARTNERSHIP (NICP)**;
- Has **one of the best teams in Europe, in Penetration Testing (LPT, OSCP, CEH)**;
- Has **one of the best and one of the most certified Check Point teams in Europe**, Check Point provides customers of all sizes with the latest data and network security protection in an integrated next generation firewall platforms, including for Critical Infrastructures;
- **Is one of the 4 companies in the world and the first in Eastern Europe accredited by HID Global Security for Global Professional Services** - HID Global is the trusted leader in providing secure identity solutions for millions of customers around the World;
- **Has a signed protocol with the Romanian National Computer Security Inci-**

dent Response Team - CERT-RO.

- **Participated at the CYBER EUROPE 2016:** the pan-European exercise to protect EU Critical Infrastructures against coordinated cyber-attack, organized by **ENISA**;
- **Participated to CYBER COALITION 2015**, organized by **NATO** and which involved the use of the **NATO Cyber Range** and included agencies like the **NATO Communication and Information Agency (NCIA)**;
- Founding member and coordinator of the **Danube Cyber Security Alliance (DAC-SA)**.

SAFETECH INNOVATIONS is certified **ISO 27001, ISO 20000, ISO 9001, ISO 14000**.

COMPETENCY:

To maintain our partnership solid, we continuously invest in improving the quality of our staff, looking for the most innovative security solutions and short intervention time. Our technical engineers holds certification as:

- **LPT — Licensed Penetration Tester (EC — COUNCIL)**
- **OSCP — Offensive Security Certified Professional (Offensive Security)**
- **CSSLP — Certified Secure Software Lifecycle Professional (ISC2)**
- **CEH — Certified Ethical Hacker (EC — COUNCIL)**
- **CRISC — Certified in Risk and Information Systems Control**
- **ECSA — EC Council Certified Security Analyst**
- **CISA — Certified Information Systems Auditor (ISACA)**
- **CISSP — Certified Information Systems Security Professional (ISC2)**
- **CISM — Certified Information Security Manager**
- **HID — HID Certified Professional**
- **CIPP / IT — Certified Information Privacy Professional / Information Technology**
- **CPSSE — Certified Professional for Secure Software Engineering**

In regards to our input in potential IoT projects, it encompasses the following activities:

- Security requirements definition
- Security design and threat modelling
- Security configurations for the developed platforms
- Security testing of the platforms

In order to achieve this SAFETECH INNOVATIONS offers the following security services and solutions, tailored for the needs of project:

Services

- Penetration Testing and Code Review
- Detection and response to security incidents (STI CERT)
- Security events monitoring (STI CERT)
- Security Consulting
- Periodic vulnerabilities scanning
- Automating security configuration
- Vulnerability analysis
- Security Audit
- Risk analysis
- Business Continuity and Disaster recovery
- Development and implementation of security standards
- Design and implement security program
- Security Courses

Solutions

- Access Management Solutions

- Security solutions for ICS-SCADA infrastructures
- Solutions for secure network infrastructure
- (firewalls, IDS / IPS)
- Security solutions for mobile devices
- Firewalls to protect Web applications
- Solutions for Web traffic filtering
- Solutions for securing email
- Solutions for collecting, analyzing and correlating security events
- Solutions for database security
- Vulnerability scanning and management solutions
- Solutions for protecting workstations
- Data Loss Prevention Solutions
- Equipment for industrial network

In terms of EU funded projects, SAFETECH INNOVATIONS successfully implemented:

- The **first project in Romania dedicated to building security culture in universities**, financed from European funds. 168 students from “Stefan cel Mare University” (Suceava, Romania) attended to security courses held by our security experts. Five of the teachers trained in this program became trainers. Also, in this university we built a security laboratory so that students and trainers will be able to form or refine their skills to identify security breaches.
- A project with **The European Union Agency for Network and Information Security (ENISA)**: D-COD-16-C09 - “A framework on appropriate security measures for the processing of personal data”. The project generated a set of guidelines for small and medium organizations acting as data controllers or processors, on how to perform a security risk assessment and implement appropriate organizational and security measures to protect personal data that are adequate to the level of risk.

Areas of Activity

Robotics and Autonomous Systems

- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

[Partner: Cyber Security for IoT](#)

SAFETECH INNOVATIONS is interested to identify potential cooperation partners in order to apply for projects under IoT-03-2017 (RIA) R&I on IoT integration and platformstopic. In this regard, our company can provide a large spectrum of Cyber Security services and solutions for the development of the projects in the area of IoT. TITLE of the PROJECT IDEA: “Cyber Security for IoT projects” This encompasses at least the following activities: Security requirements definition; Security design and threat modelling; Security configurations for the developed platforms; Security testing of the platforms etc We are also open to participate as partner in other research projects.

Integra Project Management Engineering Consultancy

Organisation Name

Country	Turkey
City	İzmir
Street	Örnekköy Mah. 7532 Sok. No:43/A D:32, Karşıyaka
Website	http://www.integra-pm.com.tr/
Phone	02323614895
Organisation Type	SME

Person

Name	Caglar Durmaz
Email	caglar.durmaz@gmail.com
Job Position	Project Manager



Organisation Details

INTEGRA Project Management Engineering Consultancy is a young company which is founded in 2014 in order to provide project management support, engineering and consultancy services for different sized investment and R&D projects.

The areas of interest for research activities are:

ICT

Energy Harvesting

Acoustics

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: [Model Driven Development in IOT Projects](#)

Distributed algorithms and designs are developed in Model Driven Architecture fashion.

Partner: [IoT-03-2017](#)

Netaş

Organisation Name

Country	Turkey
City	Istanbul
Street	Yenişehir Mah. Osmanlı Bulvarı
Website	www.netas.com.tr
Phone	
Organisation Type	Company

Person

Name	Rıza Durucasugil
Email	rizad@netas.com.tr
Job Position	Director, Innovation and R&D Strategies

Organisation Details

Netaş is a sector leader of Turkey with strong R&D capabilities on Telecommunication and ICT products and solutions for more than 1500 domestic and international customers from America, Europe, Africa and Asia with 20% YOY CAGR. Netaş awarded company on 'Best Telecommunication R&D' and 'Best R&D employment' of Turkey by Ministry of Science, Industry and Technology.

Netaş achieving high quality R&D results, with its VoIP multimedia labs, which are among the top ten in the world, and a track-record of 43 years in telecommunications R&D and investments on 4G, 5G, IOT, Cyber Security, Core Switching, Evolved Packet Core Technologies. The company provides innovative end-to-end value-added systems integration and technology services in the fields of information and communications technologies. Its customers range from telco providers to public and private enterprises in domestic and international markets. Netaş charters its vision to become Turkey's and Region's #1 systems integrator working as per global standards.

Furthermore, with 800+ R&D engineers and 2200+ employees, Netaş provides a wide array of services to enterprises functioning in various vertical segments, particularly telco providers and those in finance, general industry and defense sectors. Netaş also nurtures strategic partnerships with global technology giants to provide its customers an insight to help them keep pace with and adopt more efficiently the latest developments in the field of ICT, and continues to develop software solutions for more than 200 global operators.

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Novi Teknoloji A.Ş.

Organisation Name

Country	Turkey
City	BURSA
Street	Üniversite 2 Sok. Uludağ Üniversitesi Görükle Kampüsü Ulutek Teknoloji Geliştirme Merkezi Kt:3 No:318
Website	www.noviteknoloji.com.tr
Phone	
Organisation Type	SME



Person

Name	Metin Durukan
Email	metin.durukan@noviteknoloji.com.tr
Job Position	GM



Organisation Details

We are developing software systems by using .net platform C# and mobile application android. Our products are about, Business Intelligence, data mining, reporting and Herd Management systems. We are working on animal tracking and localization. (Cow, Sheep, goat vb.) .

We'd like to collaborate with the companies that need data analyzing and reporting. This includes sectors such as healthcare, livestock industry (dairy & livestock fattening) automotive, city management, and retail. Areas that we plan to run collaborative projects are Big Data, Business Intelligence, Internet of Things, and Herd Management. We collaborate on software development services.

They can be experience or engage, Big Data, BI, data mining. IOT and data collection instruments.

We are engaged tracking and localization for animal (Cow, Sheep, Goat Etc.).

We can prefer our partners to be relevant in this matters.

istanbul metropolitan municipality

Organisation Name

Country	Turkey
City	istanbul
Street	kasim sokak
Website	
Phone	
Organisation Type	Authority/Government

Person

Name	Gülayşe eken
Email	gulayse.eken@ibb.gov.tr
Job Position	project coordinator



Organisation Details

Istanbul Metropolitan Municipality (IMM) holds a very important place in local administration organization of Istanbul. Its area of responsibility encompasses the entire provincial territory, which spans a total area of 5,343 km². IMM has 28 municipal enterprises, 2 subsidiary public utility corporations (Transport Authority and Water & Sanitation Authority) and 43,500 employees in total. It is responsible for wide variety of areas including environment, natural-gas supply, energy, infrastructure, planning and development, IT, transportation, community services and vocational education, health-wellness, food & catering, culture, tourism etc.

Keywords of ICT Projects

ICT, pilot application, simulation, awereness, traffic, virtual interface, smart management systems

Cooperation Profiles

Partner: [project coordinator](#)

Coordinator: [project coordinator](#)

Istanbul Technical University / SiMiT Lab

Organisation Name

Country	Turkey
City	Istanbul
Street	Maslak
Website	http://simitlab.itu.edu.tr/
Phone	
Organisation Type	University

Person

Name	HAZIM KEMAL EKENEL
Email	ekenel@itu.edu.tr
Job Position	Faculty Member



Organisation Details

SiMiT Lab's objective is to conduct research on computer vision and pattern recognition, specifically face analysis/human perception, with the applications on human computer interaction, mobile intelligence, gaming, multimedia analysis, assistive technologies for people with disabilities, and convenient healthcare applications within the scope of the international and industrial research projects at the lab.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Cooperation Profiles

Partner: [Deep learning for visual analytics](#)

We are interested in partnering big data projects that aim at extracting information from large-scale image/video collections. We have extensive experience of facial image processing and analysis. For more information, please refer to: <http://web.itu.edu.tr/ekenel/>

Istanbul Metropolitan Municipality

Organisation Name

Country	Turkey
City	İstanbul
Street	Kasım Sokak
Website	
Phone	
Organisation Type	Authority/Government

Person

Name	serra er
Email	serra.er@ibb.gov.tr
Job Position	project coordinator

Organisation Details

Istanbul Metropolitan Municipality (IMM) holds a very important place in local administration organization of Istanbul. Its area of responsibility encompasses the entire provincial territory, which spans a total area of 5,343 km². IMM has 27 municipal enterprises, 2 subsidiary public utility corporations (Transport Authority and Water & Sanitation Authority) and 50.474 employees in total. This year, the biggest budget was reserved for the IMM with a consolidated budget of 38.6 billion Turkish Lira (\$13.2 billion), exceeding the budgets of 19 ministries. Istanbul's budget increased %21 compared to the previous year. It is responsible for wide variety of areas including environment, natural-gas supply, energy, infrastructure, planning and development, IT, transportation, community services and vocational education, health-wellness, food & catering, culture, tourism etc.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

TÜBİTAK

Organisation Name

Country	Turkey
City	Kocaeli
Street	Anibal
Website	
Phone	
Organisation Type	R&D Institution

Person

Name	Serkan Erboral
Email	serkan.erboral@tubitak.gov.tr
Job Position	Senior reseacher

Organisation Details

The scientific and technological research council of turkey

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Lostar Bilgi Güvenliđi

Organisation Name

Country	Turkey
City	İstanbul
Street	İbrahim Ađa sk 10/5 Kadıköy
Website	www.lostar.com
Phone	
Organisation Type	SME

Person

Name	Pınar Erden
Email	pinar.erden@lostar.com.tr
Job Position	Finance Manager

Organisation Details

Lostar has been offering consultancy, training and auditing services in IT governance, risk and compliance (IT-GRC) since 1998. The Company is specialized in ensuring the continuity and security of information, an asset with increasingly growing value, as well as providing its regulatory compliance. The primary objective is to offer solution-oriented services with its multi-disciplinary team, which is able to provide brand-independent service. Lostar is Turkey's leading firm in COBIT-related activities and CISA training programs, and offers a methodology that ensures human-independent and permanent information security management systems (ISMS) that also guarantee conformity with ISO 27001, and Security Checkup services that reveal security vulnerabilities. Recognizing that corporate changes will not succeed unless they are espoused by employees, Lostar implements the leading method in employee awareness and behavior change in Turkey.

Cooperation Profiles

Partner: ICT/Cyber-Security Expertise Offering

Our Istanbul/Turkey based engineering SME has expertise on cyber-security. We can create security and cyber-risk assurance for any software, IoT system. Please contact us for more information.

Istanbul University, EU and International Projects Office

Organisation Name

Country	Turkey
City	İstanbul
Street	Avrupa Birliği ve Uluslararası Projeler Ofisi. Esnaf Hastanesi Kat:3, Beyazıt - FATİH
Website	http://www.istanbul.edu.tr/tr/
Phone	
Organisation Type	University



Person

Name	Sezgi ERDOĞAN
Email	sezgi.erdogan@istanbul.edu.tr
Job Position	EU Projects Specialist



Organisation Details

Founded in 1453, Istanbul University is among the first and longest-standing institutions in Turkey. Located in 5 Campuses and 7 Research Centers in and around the city, Istanbul University is a public academic institution comprising: **22** Faculties, **1** Conservatory, **7** Vocational Schools, **2** Colleges, **17** Graduate Institutes, **60** Research Centers.

Besides, the university is home to a total of **90.000** Undergraduate, **15.000** Graduate, 3.500 International Students, **5.500** Academic and 6.500 Administrative Staff. Furthermore, Istanbul University holds two of the most renowned Medical Faculties in the country, namely Istanbul Tıp and Cerrahpasa Tıp, with **5,000** medical students and approximately **1,000** medical academic staff. These two faculties operate **2** grand hospitals and Cardiology, Oncology and Dentistry Institutes comprising a total bed capacity of **3,500-4,000** and **2.5** million outpatients and **100,000** inpatients per annum.

According to the Academic Ranking of Worldwide Universities in 2011, Istanbul University ranked among the first 400 universities making it the sole Turkish University in the first 500. Istanbul University has ongoing protocols with over **50** institutions worldwide spanning from USA to Europe and Asia along with over 500 Erasmus agreements. In 2006, the Nobel Prize for Literature was awarded to Orhan Pamuk, an Istanbul University graduate of journalism, marking an unrivalled success in the history not only of Turkish universities but also of the country. Also Aziz Sancar, an Istanbul University graduate of Medical Faculty, is a biochemist and molecular biologist specializing in DNA repair, cell cycle checkpoints, and circadian clock. In 2015, he was also awarded the Nobel Prize in Chemistry for his mechanistic studies of DNA repair.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Robotics and Autonomous Systems

Internet of Things

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)
- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

KAREL Electronics Inc.

Organisation Name

Country	Turkey
City	ANKARA
Street	Cyberpark Cyberplaza B Blok Kat 3
Website	www.karel-electronics.com
Phone	
Organisation Type	Company



Person

Name	Yigit Ergin
Email	yigit.ergin@karel.com.tr
Job Position	Technical Leader



Organisation Details

With its foundation in 1986, KAREL has created the electronic telephone exchange market in Turkey with its original designs, provided PBX products to this market and pioneered Turkey's transition from electromechanical systems to electronic systems in communications. Today, KAREL is the market leader in Turkey that exports products and technologies to more than 30 countries, and is amongst the top 15 manufacturers of the world. KAREL is positioned amongst the second top 500 industrial organizations in Turkey as a leading designer and supplier of telecommunication equipment and provider of electronic manufacturing services (EMS). KAREL has over 1.400 employees in its headquarter in Istanbul, Turkey as well as R&D and manufacturing centres in Ankara, Turkey.

KAREL places a great emphasis on research and development activities and has one of the most advanced, most systematic R&D centres with the highest level of know-how in its sector in Turkey. KAREL R&D Centre, located at Cyberpark, a prestigious academy-industry collaboration centre within the Bilkent University campus area in Ankara has been reserving 10% of its consolidated sales turnover generated by the production to R&D investments for many years. This ratio is much over the average in Turkey. KAREL R&D centre employing 149 employees of which 116 are engineers, has a well-deserved position in Turkey in terms of communications electronics, military electronics, and industrial electronics. Following the advancements in technology closely and being a pioneer in the technology, KAREL is reinforcing this position with Cloud Communication Solutions. KAREL serves its proprietary Unified Communication, GIS, Remote Desktop / Remote Management Systems, all as a Service over Cloud.

KAREL has years of experience on Virtualization, Cloud Management Platforms, OpenStack, HP CloudSystem Enterprise, KVM, VmWare, Cloud Monitoring, Redundancy & Backup Management, Resource Monitoring, Containers, HPC etc. as well as R&D project management.

Areas of Activity

Big Data and Content

- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

[Coordinator: IoT Orchestration as a Service](#)

IoT Orchestration as a Service is a general purpose, practical, featured framework to setup a cloud service, utilising

any kind of IoT devices those capable of interfacing with standard protocols (such as MQTT or CoAP) will be auto-provisioned, auto-configured, monitored and managed centrally from cloud. Powerful administration, multi-tenant structure and supported advanced GIS features will provide scalability, heterogeneity, complexity and dynamicity. Standardisation studies together with industry based IoT Ontology will strength this service-oriented framework solution using semantic technologies to provide interoperability and flexibility. Research studies will be aligned with FIWARE IoT Ready Programme and will enhance their existing ecosystem.

Uludağ University Technology Transfer Office

Organisation Name

Country	Turkey
City	Bursa
Street	Nilufer
Website	www.uludagtto.com
Phone	
Organisation Type	University

Person

Name	Selim Erkek
Email	selim@uludagtto.com
Job Position	Project Specialist



Organisation Details

Uludag University Technology Transfer Office is responsible for the capture, protection and commercialisation of university intellectual property, supporting the effective engagement of enterprise with university research, and creating a culture of innovation and entrepreneurship in the university.

The UUTTO's role is to provide the necessary resources and services to bring research and commercial expertise together to address market needs whilst providing a return to the university to further advance its research mission.

The main responsibilities:

- Responsible for developing the collaboration between the university and the industry, organizing launch meetings, contributing to the formation of any Commercial and Consultancy Projects, supporting its members' initiatives of such sort and paying visits to one other.
- Supporting the university member during the proposal's preparation process
- Preparing the contract for the Project in collaboration with Uludag University's legal counsellors and supporting the conducting of negotiations.
- Coordinates the management of intellectual property resulting from sponsored research with respect to IP disclosures, evaluations, patent applications and the referral of product-related outputs to commercialization process.
- Technology Transfer Staff are skilled in:
 - finding academic partners for companies
 - commercial assessment
 - contract drafting and negotiation
 - protecting and managing intellectual property (IP)
 - company formation
 - company incubation

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Efficient Innovation

Organisation Name

Country	France
City	Montpellier
Street	55 Avenue Clement Ader
Website	www.efficient-innovation.fr
Phone	
Organisation Type	Consulting

Person

Name	Volkan Erol
Email	volkan.erol@gmail.com
Job Position	Senior Consultant

Organisation Details

A French Consultancy innovation management consultancy company

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

[Partner: Big Data for Scientific Research](#)

Big Data for Scientific Research Projects

Elkon Elektrik Sanayi ve Ticaret A.S.

Organisation Name

Country	Turkey
City	Istanbul
Street	Rauf Orbay Cad.
Website	http://www.elkon-tr.com
Phone	
Organisation Type	Company

Person

Name	Erdeniz Erol
Email	eer@elkon-tr.com
Job Position	Project Manager



Organisation Details

Electrical System Integrator in Shipbuilding

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: [Electrical System Integrator](#)

Electrical System Integrator

Yeditepe University

Organisation Name

Country	Turkey
City	Istanbul
Street	26 Agustos Yerlesimi Kayisdagi cad. Elektrik-Elektronik Muh.
Website	
Phone	
Organisation Type	University

Person

Name	Duygun Erol Barkana
Email	duygunerol@yeditepe.edu.tr
Job Position	Associate Professor in Yeditepe University



Organisation Details

I have established my research laboratory called Robotics Research Laboratory in Yeditepe University. The focus of this laboratory is both theoretical investigation into the dynamics of mechanical and electro-mechanical systems, and the application of control strategies for controlling such systems. Primary research efforts are on the dynamics and control of robotic manipulators and other robotic devices. The aim is to combine the advantages of several robotic systems to design autonomous systems. The potential applications of such research can be in medical robotics, and in various service areas where robotic assistance is useful to the human operators. Other research interests of this laboratory include development of new robots and intelligent systems that can sense human emotion from various implicit signals and cues such as one's physiology to be able to interact with people in a smooth and natural way.

Areas of Activity

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Cooperation Profiles

[Partner: Task Difficulty Level Adaptation of Therapy based on Individuals Emotional State for a Robot-Assisted Rehabilitation System](#)

Robot-assisted rehabilitation systems have shown to provide controlled, quantifiable, and repeatable movement to the patients. However, detection of emotion of subjects during robot-assisted rehabilitation has often been neglected. It has previously been shown detection of emotional state of the patients are the key factors for successful rehabilitation. Emotion recognition is a rapidly growing area in the human - machine (robot) interaction research. Researchers have been using subject's face, voice and/or gestures for emotion recognition. In recent years, inclusion of the emotional state of the patient in the control loop has been started in the robot assisted rehabilitation systems. Note that the physiological signals (responses) can also be used for emotion recognition. Emotions trigger the autonomous nervous system responses such as heart rate and breathing period. It is possible to detect the emotional states of the

subjects during the rehabilitation, change the difficulty level of the therapy, provide optimum therapy for each subject, and as a result provide more efficient rehabilitation process. The aim of this project is to develop an intelligent system that can change the difficulty of the rehabilitation task adaptively by looking at the emotional state of a participant, and improve the satisfaction of the participant by providing proper rehabilitation exercise with a robot-assisted rehabilitation system.

Istanbul S. Zaim University

Organisation Name

Country	Turkey
City	Istanbul
Street	Halkali Cad 2.
Website	http://www.izu.edu.tr/
Phone	
Organisation Type	University

Person

Name	Muhammad FAHIM
Email	fahim17@gmail.com
Job Position	Assistant Professor



Organisation Details

I am currently working as an Assistant Professor with [Istanbul S. Zaim University](#) (IZU), Istanbul, Turkey. My research is currently focused on wearable computing, activity and context-mining in the smart environment for personalized applications. I am utilizing the smartphone embedded sensors and wearable sensors to sense the environment. Before joining IZU, I was postdoctoral research scientist at the [Ubiquitous Computing Laboratory, Kyung Hee University](#), South Korea. I lead the Human Aware Technology (HAT) group. Prior to that I was also Research Assistant in the [Ubiquitous Computing Laboratory](#) and worked with [East-West Neo Medicinal u-Lifecare Research Center \(uLCRC\)](#) advised by [Prof. Sungyoung Lee](#).

Cooperation Profiles

Partner: Data Analysis and Context Recognition

I'm working on micro-context recognition using smartphone and wearable devices. I'm looking for partners where I can play a role as a team member.

Technical University Berlin

Organisation Name

Country	Germany
City	Berlin
Street	Pascalstr. 8-9
Website	
Phone	
Organisation Type	University

Person

Name	Carina Fresemann
Email	carina.fresemann@tu-berlin.de
Job Position	Research Assistant

Organisation Details

The Chair of Industrial Information Technology is dealing information and process management across the entire product life cycle. Current research addresses sustainable product development including lifecycle analysis, smart factory an I4.0 demonstration concept providing data analytics and dashboarding on a show case production, enhancing PLM systems with data analytic capabilities as well as product service system development including the shift from physical to data centered business models plus research on open development and data.

The Chair of Industrial Information Technology is co-working with the Fraunhofer IPK - Chair of Virtual Product Creation. This includes a closed consulting activities in companies providing an insight to relevant problems.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)

Cooperation Profiles

Coordinator: [Open PLM Platform](#)

The projects establishes a datalake for scientific purpose an a platform where Services towards this product data may be performed. Open accessibility towards the platform enables SME Enterprises to demonstrate their capabilities in "performing big data". Some of these services include intuitive human-tool interfaces, performant semantic search or proving descision support. A middle ware acts on geometrical similarity search, computer vision, data interlinking services. - open for acting as partner in other research projects

Marmara University

Organisation Name

Country	Turkey
City	İstanbul
Street	Marmara Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü
Website	http://mimoza.marmara.edu.tr/~murat.ganiz/
Phone	
Organisation Type	University

Person

Name	Murat Ganiz
Email	murat.ganiz@marmara.edu.tr
Job Position	Assistant Professor



Organisation Details

Marmara University is one of the biggest and oldest universities in Turkey. In the Computer Engineering Department, The Big Data and Text Analytics (BIGDaTA) Research Lab. is established to conduct research on artificial intelligence (AI) and machine learning algorithms for big data and especially text analytics. Our research interests include following topics: Big Data technologies especially Big Data Analytics, Machine Learning algorithms for Big data, Deep Learning, focusing on the textual and graph part of Big Data, Text Mining, Natural Language Processing, Social Network Analysis, and Data Mining.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)

Cooperation Profiles

[Partner: looking opportunities to involve in Big Data projects](#)

Dr. Murat Can Ganiz is a faculty of Computer Engineering Department and director of Big Data and Text Analytics (BIGDaTA) Research Lab. BIGDaTA lab is established to conduct research on artificial intelligence (AI) and machine learning algorithms for big data and especially text analytics. We have 10+ years of experience in research and development of machine learning, data mining, and text mining algorithms. We have successfully completed several TÜBİTAK research projects related to data mining, machine learning, and big data analytics. We also have strong ties with industry, helping their big data and AI related projects as advisor. Dr. Ganiz is also founder of a spin-off company VeriUs Teknoloji Ltd. Sti. We are looking for opportunities to involve in Big Data related EU projects as an academic institution or as a start-up company.

TÜBİTAK EU Framework Programmes National Coordination Office

Organisation Name

Country	Turkey
City	Ankara
Street	TÜBİTAK ULAKBİM, Üniversiteler Mah. YÖK Binası B5 Blok Bilkent/ANKARA
Website	
Phone	
Organisation Type	Authority/Government

Person

Name	Gürsel Fırat Gedikli
Email	fiat.gedikli@tubitak.gov.tr
Job Position	H2020 Legal and Financial Matters National Contact Point



Organisation Details

EU Framework Programmes National Coordination Office

Mikroelektronik Ltd.

Organisation Name

Country	Turkey
City	istanbul
Street	İTÜ Ayazağa Kampüsü ARI3 Teknokent B203
Website	
Phone	
Organisation Type	Company

Person

Name	mehtap gencer
Email	mehtap@um-ic.com
Job Position	business development manager

Organisation Details

Mikroelektronik Ltd. is a IC design company whis is mainly focused on RF & Mixed Signal ASIC design. It is a subsidiary of Aselsan (%85 share) and İTE-ETA Fpundation (%15 share)

Areas of Activity

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)

Cooperation Profiles

Partner: Contrubition by RF and/or Mixed Signal IC and/or IP Design

Our company has expertise on RF transceiver design up to 94 GHz. We also expertise on the design of data converters (ADCs , DAC's) and several analog interfaces like Transempedance circuits.

Netas Telecommunications / Bahcesehir University

Organisation Name

Country	Turkey
City	Istanbul
Street	Yenisehir Mah. Osmanlı Bulvarı No 11 Pendik
Website	
Phone	
Organisation Type	Company

Person

Name	Basak Gencer Unsalver
Email	basakgencer@gmail.com
Job Position	CRM Prime

Organisation Details

Netaş is a sector leader of Turkey with strong R&D capabilities on Telecommunication and ICT products and solutions for more than 1500 domestic and international customers from America, Europe, Africa and Asia with 20% YOY CAGR. Netaş awarded company on 'Best Telecommunication R&D' and 'Best R&D employment' of Turkey by Ministry of Science, Industry and Technology.

Netaş achieving high quality R&D results, with its VoIP multimedia labs, which are among the top ten in the world, and a track-record of 43 years in telecommunications R&D and investments on 4G, 5G, IOT, Cyber Security, Core Switching, Evolved Packet Core Technologies. The company provides innovative end-to-end value-added systems integration and technology services in the fields of information and communications technologies. Its customers range from telco providers to public and private enterprises in domestic and international markets. Netaş charters its vision to become Turkey's and Region's #1 systems integrator working as per global standards.

Furthermore, with 800+ R&D engineers and 2200+ employees, Netaş provides a wide array of services to enterprises functioning in various vertical segments, particularly telco providers and those in finance, general industry and defense sectors. Netaş also nurtures strategic partnerships with global technology giants to provide its customers an insight to help them keep pace with and adopt more efficiently the latest developments in the field of ICT, and continues to develop software solutions for more than 200 global operators.

ASELSAN Inc.

Organisation Name

Country	Turkey
City	Ankara
Street	Mehmet Akif Ersoy Mah.296 cad no 16 Yenimahalle
Website	
Phone	
Organisation Type	Company

Person

Name	Alper Gercek
Email	agercek@aselsan.com.tr
Job Position	Senior Leader

Organisation Details

ASELSAN became operational in 1970 under the Land Forces Foundation (TAFF). As underlined by the founders of of ASELSAN during the foundation of the company, our basic strategy is to develop unique products and systems by making use of critical technologies.

By focusing primarily on the needs of the Turkish Armed Forces; to provide high-value-added, innovative and reliable products and solutions to both local and foreign customers in the fields of electronic technologies and system integration; continuing activities in line with global targets as well as increasing brand awareness and contributing to the technological independence of Turkey.

ASELSAN operates under five business sectors;

Communication & Information Technologies Business Sector,
 Microelectronics, Guidance & Electro-Optics Business Sector,
 Radar & Electronic Warfare Systems Business Sector,
 Defense Systems Technologies Business Sector,
 Transportation, Security, Energy & Automation Systems Business Sector

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: [IoT, Security for IoT, Photonics](#)

Novusens Innovation and Entrepreneurship Institute

Organisation Name

Country	Turkey
City	Ankara
Street	Halici Sok No. 12-1 GOP
Website	
Phone	
Organisation Type	Consulting

Person

Name	Melih Gezer
Email	melih.gezer@novusens.com
Job Position	Co-Founder

Organisation Details

NOVUSENS" Innovation & Entrepreneurship Institute" is an Ankara, Turkey based, for-profit, independent **"THINK TANK"** organization developing innovation policies and strategies, using high technologies to increase the life quality of the people, focusing on new opportunities to contribute economic growth, developing new innovative models to shape the future to have better lives, making research studies, delivering professional consultancy and training services in Turkey and abroad.

The vision of NOVUSENS Innovation & Entrepreneurship Institute is to contribute to the "Sustainable Development" through Technological and Social "Sustainable" Innovation.

"Innovation in ICT" is the primary focus area of NOVUSENS especially "Smart Cities" and "Data Innovation" fields.

NOVUSENS has taken "Societal Challenges" and "Industrial Leadership" pillars as the priority areas in H2020 programme as NOVUSENS has been delivering professional consultancy services in these areas for many years (and (The Co-Founders of NOVUSENS have broad experience in ICT as they have been working for ICT Industry for more than 30 years).

To get more information about NOVUSENS Innovation and Entrepreneurship Institute, please visit www.novusens.com

To get more information about "Big Data and Smart City Institute of NOVUSENS" please visit www.buyukverenstiusu.com and www.akillisehirenstitusu.com

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Cooperation Profiles**Partner: Novusens Smart City and Big Data Institute**

"Thought Leadership in Smart Cities", Smart Cities Best Practices and Case Studies, "Data Innovation" - "Big Data and Analytics", "Education in Smart Cities", "Technology Assisted Independent Living in Smart Cities", "Smart Cities in Digital Economy", Smart Cities and Sustainable Development, Smart Cities Current Situation al Analysis, Smart City Strategies and Roadmap.

Applied Informatics in mHealth, Biomedical Engineering Lab, ICCS, NTUA

Organisation Name

Country	Greece
City	Athens
Street	9 Iroon Polytechniou Street
Website	
Phone	
Organisation Type	University

Person

Name	Kostas Giokas
Email	kgiokas@biomed.ntua.gr
Job Position	Senior Researcher



Organisation Details

Applied Informatics in mHealth (AiM) was formed in 2014 in order to study the application of Information Technology to real world problems. The AiM Group conducts research in the Healthcare sector and in particular in areas such as Development of Mobile Apps, Big Data, Electronic Health Records, Cloud Applications, Data Analysis & Integration, Decision Support Systems, Data Visualisation, Serious Games, UI Design, Education Technology in Health, Data Modelling.

AiM operates under the Biomedical Engineering Laboratory of the School of Electrical Engineering within the Institute of Communications and Computer Systems, located at the National Technical University of Athens. BEL has to-date completed 120 EU projects and coordinated about 20 of those.

AiM's primary goal is to build relationships with businesses and share its expertise with the business community, establish multi-disciplinary research collaborations with worldwide researchers, while attracting the best students possible, in order to lead them to research degrees that follow on the same path as the research objectives of the group.

The **Institute of Communications and Computer Systems (ICCS)** was founded in 1992. It was founded with the 'charta' to support the performance of top-quality research, development activities and the provision of scientific service to private and public bodies. Essentially the mission of ICCS was to support the deployment, the realization and the growth of the research priorities of ECE mainly through seeking, pursuing and acquiring research funding via the competitive calls for research proposals that the European Commission had instigated. In turn, its purpose has been to build a research personnel base alongside ECE's faculty so as to conduct state-of-the-art research and at the same time improve the research laboratory equipment base and infrastructures of the School.

Furthermore, ICCS has been organized so as to host and to provide research stipends to postgraduate students and post-doctoral researchers. Since its foundation and up to date, ICCS has been growing and maturing within the complex context of the Greek law governing research, innovation and higher education affairs in a country where research resources and funding has been maintained at low levels, in comparison to the majority of the developed European countries.

AiM and BEL were the chairs of the 1st International Conference on Ambient Assisted Living on Internet of Things that took place in Budapest in June 2016

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics

the creative industries (17 mill €)

- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

technologies (1 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Cooperation Profiles

Partner: IoT in Ambient Assisted Living Environments

Healthcare is highly affected by IoT, which in turn produces Big Data. We integrate sensors, create new ones and try to make sense of the data streams

IDEA Technology Solutions

Organisation Name

Country	Turkey
City	Istanbul
Street	Sun Plaza BBDO Blok, Dereboyu Cad. Bilim Sk. No:5, Maslak - Şişli
Website	www.ideateknoloji.com.tr
Phone	
Organisation Type	R&D Institution

Person

Name	Unsal Gokdag
Email	unsal.gokdag@gmail.com
Job Position	R&D Engineer



Organisation Details

Idea Teknoloji

Idea Teknoloji was established in 2005 for the purpose of providing professional software to companies to enable them to manage their business processes in a more effective way.

Idea Teknoloji, working as a long-term business partner with the corporations having a widespread distribution network both in Turkey and EMEA Region, provides flexibility and efficiency to corporations through VisionPlus Operational Software Solutions.

Together with the proliferation of e-Transformation solutions all over the world, Idea Teknoloji, leading the way in electronic financial applications, which have been also used in Turkey, is a private integrator to become the first e-Invoice private integrator, the first platform independent e-Ledger solution provider as well as the first one to obtain e-Archive Invoice service approval certified by the Revenue Administration in Turkey.

Idea R&D Center, which becomes entitled to receive the 151th Authorized R&D Center Certificate from the Ministry of Science, Industry and Technology under "the Law regarding Support of Research and Development Activities" dated 1/13/2014 and numbered 5746, conducts research and development activities in the field of corporate business practices. Idea R&D Center cooperates with academicians expert in their fields from many prominent universities of Turkey with respect to R&D projects.

Idea Teknoloji, objective of which is to provide corporate business practices and services according to international quality standards in order for their customers to accomplish their objectives successfully, conducts their business processes in accordance with the relevant ISO quality standards.

Idea Teknoloji, offering service with its experienced team made up of over 100 personnels, 80% of which are engineers, applies various support programs to their employees and also provides education and development opportunities considering the goals and professional and personal development needs of their employees to support innovative projects and increase their competence.

Idea Teknoloji, which becomes entitled to take its place in the Deloitte Fast50 Turkey program that determines the fastest-growing technology companies of Turkey according to the growth figures within 5 years in 2012, ranked third in 2014, and first in 2015, in the CRM category of "Bilişim 500 Araştırması" (Informatics 500 Survey) — a list prepared by Interpromedya.

Idea Teknoloji, adopting innovation, results-oriented, customer-oriented and quality service approach as a principle, maintains its leading position and its steady growth in the sector under these principles.

Sistem Global Consulting

Organisation Name

Country	Turkey
City	ISTANBUL
Street	Eski Büyükdere Cad. Huzur Mh. No:67 4 Levent Plaza Kat: 5/B Sarıyer
Website	sistemglobal.com.tr
Phone	
Organisation Type	Consulting



Person

Name	ORHAN GOREN
Email	orhangorenn@gmail.com
Job Position	Director, Sistem Global Funds

Organisation Details

Sistem Global is the pioneering R&D incentives, tax, and audit group in Turkey. Since 2001, the focus of Sistem Global and growth has been around our four core disciplines:

- Research&Development grants, incentives, and strategies,
- Financial Consulting,
- Tax,
- Legal Services.

Today, Sistem is a national group providing integrated and result-oriented services with its specialized 137 personnel in the sectors focusing on R&D and technology. Structuring in Brussel, Dubai, Japan and other Asian countries to create international opportunities for its clients.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Robotics and Autonomous Systems

- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

TUBITAK

Organisation Name

Country	Turkey
City	Ankara
Street	Tunus Cad No 80
Website	
Phone	
Organisation Type	Authority/Government

Person

Name	Ayse Ozge Gozay
Email	ozge.gozay@tubitak.gov.tr
Job Position	NCP

Organisation Details

The Scientific and Technological Research Council of Turkey (TÜBİTAK) is the leading agency for management, funding and conduct of research in Turkey. It was established in 1963 with a mission to advance science and technology, conduct research and support Turkish researchers. The Council is an autonomous institution and is governed by a Scientific Board whose members are selected from prominent scholars from universities, industry and research institutions.

TÜBİTAK is responsible for promoting, developing, organizing, conducting and coordinating research and development in line with national targets and priorities.

University of Split, Faculty of Science

Organisation Name

Country	Croatia
City	Split
Street	Rudera Boskovicica 33
Website	http://www.pmfst.eu/
Phone	
Organisation Type	University

Person

Name	Andrina Granic
Email	andrina.granic@pmfst.hr
Job Position	Professor at the university



Organisation Details

The Faculty of Science of the University of Split is one of the founders and one of the oldest universities that make up the University of Split. Due to the number of students enrolled and the number of staff employed in our Faculty, we are one of the biggest components of the University of Split. We educate teachers from different areas of expertise such as mathematics, physics, polytechnics, biology and chemistry and we are proud that we produce excellent engineers every year. The students which accomplish academic excellence in form of a degree are fully capable to perform the jobs they have been educated to do and they are ready to follow any advances in their professions. Due to this they are very sought after in the job market. The Faculty also actively participates in the education of its students and other experts in their areas of expertise throughout their lives.

Areas of Activity

Big Data and Content

- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Cooperation Profiles

[Partner: ICT-23-2017: Interfaces for accessibility: "User Sensitive Technologies for Mediating Communication Experiences"](#)

Related H2020 objective: ICT-23-2017: Interfaces for accessibility; deadline: 25. April 2017. Type of instrument: Research and Innovation Actions Objective – to provide people with disabilities with usable personalized, natural interaction and communication; – to identify users' abilities and address diversity of users and users' needs; – to develop new models for smart /intelligent technologies which will be based on identified user's individual characteristics, abilities and needs; – to conduct research experimentations and evaluate efficiency in real life environments /contexts. Key results – innovative and effective user sensitive technologies for mediating communication experiences of people with disabilities (cognitive and communication disorders); – technologies able to recognize and react to user's abilities as well as to detect patterns, emotions and intentions in real life environments; – personalized interaction will be supported building on new, cross-disciplinary theoretical models and intelligent, usable and accessible interface design.

SIT- Society, Innovation, Technology

Organisation Name

Country	Belgium
City	Brussels
Street	Av. Brugmann 61
Website	
Phone	
Organisation Type	Consulting

Person

Name	Andrej Grebenc
Email	andrej.grebenc@sit1.eu
Job Position	Director



Organisation Details

SIT - Society, innovation, technology

CONSULTANCY, CONSORTIA CREATION, PROPOSAL WRITING AND TRAINING FOR EU FINANCED PROJECTS (H2020, COSME..)

Who we are

SIT - Society, innovation, technology is Brussels based consultancy focused on **EU financed projects**.

Staff consists of excellent researchers and **ex. European institution officials** who have long experience working in **EU research funding**.

What we do

SIT is focused to specific needs of clients. This needs have been detected during many years of work on EU work programs, project calls, proposals, negotiations and project financing, monitoring and execution.

We organize consortia in science and technology fields, combined as well with social science and humanitie. We assist clients who submit proposals, negotiate them and execute EU financed projects.

Activities before proposal writing

1. Providing tailored information before calls are published
2. Identifying adequate EU calls for topics
3. Developing breaking project ideas with grant winning features going beyond the state-of-the-art
4. Creating competent, balanced and complementary consortia of high qualified partners
5. Plan timely activities for proposal preparation
6. Training of clients how to create consortia and how to write proposals
7. Assessing project ideas of already established consortia

Activities related to proposal preparation

1. Organizing proposal preparations
2. Write and assist writing quality proposals that are strong candidates for grant awards
3. Revise proposals written by others

Activities related to project execution

1. Preparation of consortium agreements with consortium partners
2. Administrative, financial and organisational activities in the project
3. Research in some focused areas

Other activities required by clients within the range of our competencies

such as

- permanent representation of entities at various information and presentation events, brockrage fairs
- preparation of national/regional strategies for new H2020 accession countries and others

Areas of Activity

Big Data and Content

- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

[Coordinator: Consortium builder - Human - industrial robot symbiosis](#)

Project idea is to research the coordination of Human-robot simiosys in industrial applications. Organisational, technological, safety, anticipatory, legal and insurance/indemnity issues will be elaborated in the project. We are looking for social research partners with track record in industrial environment, legal issue partners with experience in insurance.

[Coordinator: Big data in electronic health record processing for health statistics](#)

Project idea is to research the big data methodology in electronic health record processing for health statistics. Big data SW architecture, data normalisation, standardisation, interfacing and processing methodologies shall be elaborated in the project. Data protection by design is a must in the project. We are looking for clinics, health organisations, universities, health insurance entities, legal partners dealing with legal aspects of data protection and anonimisation, preferably with track record on international level.

[Coordinator: Permanent representation of Turkish organisations in Brussels- proposal writing and consulting](#)

We are looking for Turkish partners who are looking for permanent representations in Brussels (SMEs, research organisations, industrial organisations with strong research orientation). As well we are looking for Turkish partners who need assistance in proposal writing, those who would like to build-up their skills to become consotrium coordinators.

[Coordinator: we are ex. European Commission project officer on FP7 and H2020](#)

Istanbul Medeniyet University

Organisation Name

Country	Turkey
City	Istanbul
Street	Unalan Mah Kuzey Kampus
Website	www.medeniyet.edu.tr
Phone	
Organisation Type	University

Person

Name	Hasan Guclu
Email	gucluh@gmail.com
Job Position	Faculty member

Organisation Details

Organization is a state university in Istanbul with over 2000 students.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)

Cooperation Profiles

[Partner: Network analysis for big data](#)

IACIPP (International Association of Critical Infrastructure Protection Professionals)

Organisation Name

Country	Turkey
City	Istanbul
Street	Caferağa Mahallesi, Karakol Sokak, Zeynep Apt, No.45, D:3, Moda-Kadıköy/ISTANBUL
Website	http://cip-association.org/
Phone	
Organisation Type	Association/Agency

Person

Name	Ayhan Gucuyener
Email	ayhangucuyener@hotmail.com
Job Position	Regional Manager



Organisation Details

The IACIPP is a global fraternal association of CIP professionals, dedicated to sharing ideas, information, experiences, technology and best practise, with the express purpose of making the world a safer place.

It is open to critical infrastructure operators, government agency officials, academics, site managers, law enforcement officers, first responders, security managers and policy makers.

Areas of Activity

Big Data and Content

- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: [Projects on the security side of IoT](#)

Cyber security related topics especially on IoT and smart devices

Actuate

Organisation Name

Country	Turkey
City	İstanbul
Street	Etiler
Website	www.actuate.plus
Phone	
Organisation Type	SME

Person

Name	Ozgur Gungor
Email	mogungor@gmail.com
Job Position	Consultant

Organisation Details

Consultancy to startups for organizational development and growth, support with EU programs and innovation grants

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

TheMarketsTrust-Advisory

Organisation Name

Country	Luxembourg
City	Luxembourg
Street	Bld Royal 59
Website	www.myhippocrates.eu
Phone	
Organisation Type	SME



Person

Name	Rusiko Gvaberidze
Email	rusiko.gvaberidze@themarketstrust.com
Job Position	Advisor



Organisation Details

Today, patients' data are locked in healthcare providers systems (at doctors' practices, in hospitals, in labs, etc.), making them unusable for better patients' treatment.

MyHippocrates is a cloud-based platform that will allow easy and secured sharing of data between patients and health professionals, better use of health data to improve patients' medical treatment, and connection with third-parties health devices such as monitoring tools or diagnosis instruments.

MyHippocrates includes a full EMR for individual practices and connectors to allow for swift implementation at hospitals with legacy systems.

- Cloud-based EMR for individual practices

MyHippocrates EMR is a state-of-the-art solution for medical practices. We will offer for free to doctors: advanced features, either based on the platform functionalities (easy transfer of data with other doctors, labs, and patients themselves), or based on new-generation technologies (speech-to-text, mobile interface, etc).

[More on MyHippocrates EMR](#)

- Mobile EMR solutions for hospitals

Hospitals often lack large dedicated IT teams to implement and maintain in-house EMR systems. Furthermore, main solutions on the market lack features that allow for efficient patients follow-up, such as two-way communication for patients. Thanks to its connectors, MyHippocrates can be integrated with existing hospitals solutions to move quickly and efficiently to a fully mobile EMR with functionalities dedicated to specialty departments.

[More on MyHippocrates for Hospitals](#)

- MyHippocrates for patients

Patients are the real owner and main stakeholders in medical data. Through MyHippocrates, patients will be able to easily consult their past medical history, using dedicated intuitive interfaces, and also share their medical records with their doctors. Furthermore, they will be able to add their own data recorded through monitoring devices (such as used in case of chronic diseases), and also share them with their doctors.

[More on MyHippocrates for Patients](#)

MyHippocrates is an initiative by **TheMarketsTrust**, an innovative start-up based in Luxembourg. Dedicated to open-source, cloud computing and big data solutions, we are working in close collaboration with Research Centre, doctors and public administrations to develop a new generation of tools for healthcare management.

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles**Partner: Internet of Think's in the medical world**

We are searching for partners that are developing IOT (medical device). We would like to integrate those data inside our platform MyHippocrates.

ALANYA GÖKTAŞ LTD. ŞTİ.

Organisation Name

Country	Turkey
City	ANTALYA
Street	ŞEKERHANE MAH. ŞEVKET TOKUŞ CAD.
Website	www.goktas.net
Phone	
Organisation Type	Company

Person

Name	HASAN GÖKTAŞ
Email	hasan@goktas.net
Job Position	SOFTWARE DEVELOPER



Organisation Details

Elektra Hotel Management System. Sales, Services

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: ELEKTRA HOTEL MANAGEMENT SYSTEM

ANTALYA, TALYA BILISIM LTD. ŞTİ.

Arçelik A.Ş.

Organisation Name

Country	Turkey
City	Istanbul
Street	Cumhuriyet Mah. E-5 Yanyol No:1, B.Cekmece
Website	
Phone	
Organisation Type	Company



Person

Name	H. Haluk Gökmen
Email	haluk.gokmen@arcelik.com
Job Position	Consultant Project Manager



Organisation Details

Arçelik is the consumer durables, consumer electronics and information technologies equipments design and manufacturing company of Koç Holding. Arçelik; founded in 1955; is the third largest home appliances manufacturer in Europe and Arçelik Group has achieved a consolidated turnover of EUR 4.2 Billion in 2014. Arçelik has 15 production plants in Romania, Russia, China, South Africa, Thailand and Turkey and has 26 sales and marketing companies worldwide. Arçelik is serving its customers in more than 120 countries with its ten different brands including Arçelik, Beko, Grundig, Blomberg, Defy and Elektra Bregenz. Arçelik acknowledges that sustainable achievement is not possible without investment in R&D. Hence, Arçelik is strongly investing in R&D; it has 10 R&D centres in Turkey, UK and Taiwan with over 1000 personnel and fully equipped test laboratories, and is Turkey's leading producer of technology and patents. Arçelik owns more than 1/3 of the patents produced in Turkey and it is the only Turkish company in the World International Property Organisation's listing of the top 500 patent applicants. Arçelik collaborates with local and international universities, suppliers, research organisations and research institutes in carrying out its R&D activities and is actively participating in EUREKA and EU Framework Programmes since 1993. Arçelik Business Units and R&D centres have expertise on its own products as well as on the engineering disciplines that are related to product design functions, production and delivery systems including Production Management, Supply-Chain and Logistics Systems.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: [Big Data or IoT topics](#)

SRDC Yazılım, Araştırma, Geliştirme ve Danışmanlık A. Ş.

Organisation Name

Country	Turkey
City	Ankara
Street	Silikon Blok Kat:1 No:16 ODTU Teknokent
Website	www.srdc.com.tr
Phone	
Organisation Type	SME

Person

Name	Suat Gönül
Email	suat@srdc.com.tr
Job Position	Researcher, Software Engineer



Organisation Details

SRDC Corp. was founded by a professional team of engineers in METU Technopolis in 2007. SRDC is a spin-off company of the Middle East Technical University Software Research and Development Center (METU-SRDC), which was founded in 1991 with the support of [The Scientific and Technological Research Council of Turkey \(TUBITAK\)](#) and METU Faculty of Engineering.

We have expertise in the following areas:

- Collaborative supply chains
- B2B collaboration platforms based on IoT-enabled services
- Business process modelling and execution
- Large-scale platform development and data analytics (publishing, searching, consumption, aggregation, filtering) based on open source tools and APIs.
- Semantic interoperability and data exchange formats in B2B domain
- Virtualization of operational and organizational assets
- Conformance and interoperability testing
- Mobile application development

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

[Coordinator: Invitation to industry organizations for being an early adopter of a B2B collaboration platform \(H2020-FOF-11-2016: Digital automation-Collaborative manufacturing and logistics\)](#)

Collaboration Network for Industry, Manufacturing, Business and Logistics in Europe (NIMBLE) is a EU-funded project in the scope of "H2020-FOF-11-2016: Digital automation-Collaborative manufacturing and logistics". NIMBLE has started in 01/Oct/2016 and we are looking for industry organizations as early adopters of the software to be developed in NIMBLE before the project ends. NIMBLE would be beneficial especially for: 1) Manufacturers that need faster supply chain formation, faster material sourcing, supplier assessment, clear evidence of production and material traceability, real-time supply chain visibility, increased profitability by better supplier selection, reduced supplier defects, ... 2) Supply chain service providers that would like to be discoverable online and reach wider market. See more details

about the project and early adopter program in the following link: [https://www.dropbox.com/s/hmf7fe1tvo964h8/NIM-
BLE_generic.pptx?dl=0](https://www.dropbox.com/s/hmf7fe1tvo964h8/NIM-BLE_generic.pptx?dl=0)

NETAŞ Telekomünikasyon A.Ş.

Organisation Name

Country	Turkey
City	İstanbul
Street	Yenişehir Mahallesi Osmanlı Bulvarı No: 11 Kurtköy Pendik
Website	
Phone	
Organisation Type	Company

Person

Name	Nazlı Güney
Email	nguney@netas.com.tr
Job Position	Business Development Manager

Organisation Details

Netas offers innovative and creative solutions in information and communication technologies including end-to-end value added solutions, system integration and technology services to providers and corporations in both local and international markets. The company has acquired substantial competency, extensive knowledge and strong experience since 1967 which allowed it to increase its business efficiency and its' information technology activities are enhanced with the contributions of the R&D unit. Furthermore, Netas is an important actor in the modernization of Turkey's defense communication network to meet the requirements of the Turkish Armed Forces.

Netas offers various services to the leading companies in the public sector, as well as in telecommunication, finance and other industries, assuming an important task in the digital transformation of Turkey and the region. The company has established strategic partnerships with global technology giants and develops software solutions for over 200 global operators, thus ensuring its customers use technology efficiently and they are up-to-date in developments of the IT industry.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Ericsson Arařtırma Geliřtirme Ve Biliřim Hiz. A.ř.

Organisation Name

Country	Turkey
City	Istanbul
Street	Koru Yolu Arı 2 Teknokent Binası
Website	
Phone	
Organisation Type	Company

Person

Name	Arda Güreller
Email	arda.gureller@ericsson.com
Job Position	R&D Specialist

Organisation Details

Over the past 140 years, Ericsson has been at the forefront of communications technology. Today, we are committed to maximizing customer value by continuously evolving our business portfolio and leading the ICT industry. 40% of the world's mobile traffic is carried over Ericsson networks. We have customers in over 180 countries and comprehensive industry solutions ranging from [Cloud services](#) and [Mobile Broadband](#) to [Network Design and Optimization](#).

Our services, software and infrastructure - especially in mobility, broadband and the cloud - are enabling the communications industry and other sectors to do better business, increase efficiency, improve user experience and capture new opportunities.

Ericsson has one of the industry's strongest patent portfolios with a total count of over 39,000. R&D is at the heart of our business and approximately 23,700 employees are dedicated to our R&D activities. This commitment to R&D allows us to drive forward our vision for a [Networked Society](#) - one where everyone and everything is connected in real time - enabling new ways to collaborate, share and get informed.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: [Ericsson Arařtırma Geliřtirme ve Biliřim Hizmetleri A.ř.](#)

Over the past 140 years, Ericsson has been at the forefront of communications technology. Today, we are committed to maximizing customer value by continuously evolving our business portfolio and leading the ICT industry. We are a global leader in delivering ICT solutions. In fact, 40% of the world's mobile traffic is carried over Ericsson networks. We have customers in over 180 countries and comprehensive industry solutions ranging from Cloud services and Mobile Broadband to Network Design and Optimization. Our services, software and infrastructure - especially in mobility, broadband and the cloud - are enabling the communications industry and other sectors to do better business, increase efficiency, improve user experience and capture new opportunities. Ericsson has one of the industry's strongest patent portfolios with a total count of over 39,000. R&D is at the heart of our business and approximately 23,700 employees are dedicated to our R&D activities. This commitment to R&D allows us to drive forward our vision

for a Networked Society - one where everyone and everything is connected in real time - enabling new ways to collaborate, share and get informed.

RelMicros Ltd.

Organisation Name

Country	Turkey
City	Istanbul
Street	Dilber
Website	www.relmicros.com
Phone	
Organisation Type	Company



Person

Name	Bahadır Gürler
Email	bahadir@relmicros.com
Job Position	COO



Organisation Details

RelMicroS is a pioneering semiconductor IP design company. RelMicroS started as an inspiration for the purpose of creating **Reliable Microelectronic Systems**, believing that creativity, efficiency, and performance are not worth a thing if they are not served with an equal amount of **Reliability**.

RelMicroS is transforming how the world can rely on microelectronic systems. RelMicroS designs and develops a broad range of analog, digital, and mixed-signal semiconductor IP cores with a focus on **lifetime reliability**, which is a crucial concern due to the ongoing intensive scaling process for the microelectronic systems, and which is a mandatory requirement for most microelectronic systems' applications (IoT, Robotics, Automotive, Communications ... etc.).

RelMicroS IPs empower customers with the cutting edge they need to deliver **reliable** microelectronic systems characterized with **high-efficiency**, **high-performance**, and **low-power** designs for leading-edge nodes.

For more information about our **Products**, **Design Service**, and **Training** visit RelMicroS website: www.relmicros.com

Areas of Activity

Big Data and Content

- ICT-16-2017 (RIA) Big data PPP (33 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)

Cooperation Profiles

[Coordinator: IoT Hardware: Design Reliable Bluetooth PHY IP for IoT Applications](#)

By 2020, there will be 50 billion devices connected to the Internet. IoT is covering a variety of domains ranging from transport, agriculture, tracking, and defense to smart environments like homes and buildings. IoT devices have to be self-adaptive and reliable to provide efficient mechanisms for information distribution unceasingly. RelMicroS Bluetooth PHY IP will empower IoT applications with reliable performance, high-efficiency, and low-power. >> Targeted specifications for the design 1. Complete elimination for the negative impact of degradation lifetime processes. 2. Compliance with the latest Bluetooth low energy specification and support Bluetooth 5. 3. Operation voltage below 0.9 volt to extend battery life and reduce power dissipation. 4. Integration on-chip RF transceiver matching network, pin-to-antenna interface, and voltage regulators to reduce the bill of materials (BOM) cost and PCB design area. 5. Implementation of digital interface containing Tx/Rx data, real time control interface and register program interface. 6. Compliance with IEEE 802.15.4 standard for wireless connectivity over networks such as Zigbee or Thread in the 2.4 GHz band.

Partner: Reliable Hardware Design for IoT Applications

IoT devices have to be self-adaptive and reliable to provide efficient mechanisms for information distribution unceasingly. RelMicroS is ready to collaborate with research entities (university, company, SME ... etc.) to provide reliable electronic designs for the ongoing booming IoT applications.

Partner: Microelectronics Training: Circuit Design for Reliability

RelMicroS experienced trainers are ready to offer unique trainings and continuous support after training, enabling customers to deliver reliable designs. RelMicroS Training enables our customers to design and market reliable products faster, without risk, and with dedicated support from highly skilled professional engineering teams. >>> Circuit Design for Reliability Training Intensive scaling for VLSI circuits is a key factor for gaining outstanding performance. However, this scaling has huge negative impact on the circuit reliability, as it increases the undesired effect of aging degradation on ultradeep submicrometer technologies. This training covers physical understanding, modeling and simulation, on-chip characterization, layout solutions, and design techniques that are effective to enhance the reliability of various circuit designs. Training contents: 1. VLSI reliability 2. Reliability physical mechanisms 3. Modeling reliability physical mechanisms 4. Planar MOSFET VS FinFET reliability 5. On-Chip characterization of reliability degradation 6. Layout aware reliability analysis 7. Circuit level design techniques

Boğaziçi Üniversitesi Teknoloji Transfer Ofisi

Organisation Name

Country	Turkey
City	Istanbul
Street	Boğaziçi Üniversitesi Güney Kampüs No:10
Website	
Phone	
Organisation Type	Other

Person

Name	Ari Hakgör
Email	ari.hakgor@boun.edu.tr
Job Position	Industry Collaborations and Commercialization Specialist

Organisation Details

<http://tto.boun.edu.tr/en/content/about-us>

Manchester Metropolitan University

Organisation Name

Country	United Kingdom
City	Manchester
Street	Chester Street
Website	www.mmu.ac.uk
Phone	
Organisation Type	University

Person

Name	Mohammad Hammoudeh
Email	m.hammoudeh@mmu.ac.uk
Job Position	Head of MMU IoT Lab



Organisation Details

Manchester Metropolitan University is part of the largest higher education campus in the UK and one of the most extensive education centres in Europe. With a history dating back 150 years, we have a combination of the traditional and the contemporary that sets the University apart and gives us our distinct character. Our roots in higher education date back to 1824, and we are committed to a strong future through a £350million investment in our buildings and facilities.

MMU is one of the top performing new universities in the UK in terms of its research profile. Our work informs curriculum developments, shapes business and professional practice and influences policy-making, both nationally and internationally. We are ranked 16th out of 82 UK universities for the quality of our impact in History research.*

*Research Excellence Framework 2014 Results

Areas of Activity

Big Data and Content

- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

[Partner: Extending the Internet of Things to Create Smart Living Environments for Ageing Well](#)

In the coming years, the world will experience a significant demographic change. Currently, according to the United Nations, Europe is the only region in the world whose total population is projected to shrink by 2050 due to decreasing birth rates and increased life expectancy. The influence of ageing population growth will extend to every aspect of life, including migration, labour markets, economic growth and housing. Moreover, health problems and disabilities are more prevalent with old age. This is expected to place great strain on healthcare and pension systems. One of the ways to cut costs and make independent living a possibility for elderly people, is the use of modern information technologies. Inclusive design of smart spaces and innovative Internet of Things (IoT) applications and services offer unprecedented opportunities to support and extend independent living at home for older adults. This low-cost technology can offer aesthetically pleasing, sustainable, smart, inclusive and connected environments to accommodate populations that are ageing quickly. Full proposal is available on request.

[Partner: Lightweight, scalable and platform independent privacy preserving authentication of smart objects in the Internet of Things](#)

The Internet of Things (IoT) is becoming a reality and early applications are now being implemented. In such an enormous network of interconnected 'smart objects', the identification of a specific object poses a fundamental task that influences all other functions of the system, such as its governance, privacy features, access control, overall architecture, etc. Authentication is the process of identifying users and objects in networks to restrict access to authorised

people and non-manipulated devices. Traditionally, authentication mechanisms rely on usernames and passwords, which can be easily compromised, need frequent changing, do not particularly suite unattended devices and broad range objects used do not support next-generation security functions. Their limitations become obvious as we try to connect devices of different vendors; most HTTP-based authentication protocols are bootstrapped through user interaction, which does not scale in IoT. Finally, smart objects often have constraints on resources including energy, memory, computational speed and communications bandwidth. Scarce resources necessitates only lightweight operations on the smart objects, particularly, if a distributed authentication is implemented to achieve scalability. Full proposal is available on request.

TUBITAK BIİGEM

Organisation Name

Country	Turkey
City	Kocaeli
Street	PK. 74 gebze
Website	
Phone	
Organisation Type	R&D Institution

Person

Name	atilla hasekioglu
Email	atilla.hasekioglu@tubitak.gov.tr
Job Position	consultant

Organisation Details

The Scientific and Technological Research Council of Turkey (TÜBİTAK) is the leading agency for management, funding and conduct of research in Turkey. It was established in 1963 with a mission to advance science and technology, conduct research and support Turkish researchers. More than 5000 researchers work in 15 different research institutes of TÜBİTAK where contract research as well as targeted and nation-wide research is done.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)

MCS Data Labs GmbH

Organisation Name

Country	Germany
City	Berlin
Street	Bismarckstr. 10-12
Website	www.mcs-datalabs.com
Phone	
Organisation Type	SME

Person

Name	Berthold Bob Heinemann
Email	b.heinemann@maiasia.com
Job Position	Director Business Development

Organisation Details

MCS Data Labs develops leading edge hardware and software for IoT, emergency communications, remote internet and eHealth.

Flagship development project is SmarKo Health, a holistic sensor- and application-based monitoring and communication system for doctors and patients. It allows for video, audio and texting, as well as automatic sensor-triggered or manual emergency notifications to doctors or (where applicable) PSAP's. The system allows for easy management of clinical studies, categorization of patients into risk groups or else, and fulfills highest European safety and security standards. A Data Analytics Software Pack allows doctors to treat patients optimally.

SmarKo Health was recently awarded the prestigious Deep Tech Award 2016, from the State of Berlin, co-supported by the EU.

As for its modular approach, SmarKo can also be utilized in other IoT areas, for example logistics, traffic, ambient living and many other. This is made possible by easy adaptation of wearables as well as modular setup of current software applications.

Further, MCS is a consortium member in the H2020 project EMYNOS (nExt generation eMergencY commuNicatiOnS) that will last until 2018. This will allow rich media emergency communications across Europe.

Finally, MCS also distributes superior hardware and software that allows cost-effective internet access in remote areas.

Cooperation Profiles

[Partner: Seeking projects in Big Data/ IoT/ Sensor-based technology/ eHealth/ remote internet](#)

Our current R&D focus is in the areas of VoIP for emergency and non-emergency situations, Big Data Analytics and eHealth. Key technologies MCS possesses include: (i) various applications and sensor-based hardware for monitoring and transmission of vital data, (ii) VoIP communication tools (video, audio, text), as well as (iii) a finished and sellable hardware/ software product that allows for internet access in remote areas. The latter one is particularly suitable for connecting people in rural areas, e.g. for education purposes. MCS is seeking to be a partner in projects that relate to any of the above areas. Further, MCS is specifically interested to join in projects on smart digital content for creative industries.

Istanbul Şehir University

Organisation Name

Country	Turkey
City	İstanbul
Street	Kuşbakışı Cad. No. 27 Altunizade
Website	tto.sehir.edu.tr
Phone	
Organisation Type	University

Person

Name	Dilem Hizlan
Email	dilemhizlan@sehir.edu.tr
Job Position	Sponsored Projects Manager



Organisation Details

Istanbul Şehir University

Established in 2008 by the Foundation for Science and Arts (BISAV), İstanbul Şehir University (ŞEHİR) has accepted its first students in 2010-11. ŞEHİR has a solid foundation of knowledge in the areas of social sciences and humanities while it expands its research potential towards Engineering and Natural Sciences. ŞEHİR has established an array of cross-disciplinary departments and graduate schools with an integrated agenda of (re)search for true knowledge, innovation for sustainability and service for society. With its Faculty members having international experience in the areas of research, development, teaching, industry and business, ŞEHİR aims to provide a dynamic, free and interdisciplinary environment that allows faculty members and students to develop complementary skills and experience. Research activities are carried out in the College of Humanities and Social Sciences, School of Law, School of Entrepreneurship, College of Communications, School of Management and Administrative Sciences, College of Engineering and Natural Sciences as well as in research centers, Center for Urban Studies, Center for Modern Turkish Studies and Center for Studies in Higher Education. Established as a research university, ŞEHİR has implemented 93 projects supported by national and international funds with a total project budget of 7 Million Euro.

Areas of Activity

Big Data and Content

- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

MCS Data Labs GmbH

Organisation Name

Country	Germany
City	Berlin
Street	Bismarckstr. 10-12
Website	
Phone	
Organisation Type	SME

Person

Name	Simon Hohberg
Email	simon.hohberg@mcs-datalabs.com
Job Position	Software Developer

Organisation Details

MCS Data Labs develops leading edge hardware and software for IoT, emergency communications, remote internet and eHealth.

Flagship development project is SmarKo Health, a holistic sensor- and application-based monitoring and communication system for doctors and patients. It allows for video, audio and texting, as well as automatic sensor-triggered or manual emergency notifications to doctors or (where applicable) PSAP's. The system allows for easy management of clinical studies, categorization of patients into risk groups or else, and fulfills highest European safety and security standards. A Data Analytics Software Pack allows doctors to treat patients optimally.

SmarKo Health was recently awarded the prestigious Deep Tech Award 2016, from the State of Berlin, co-supported by the EU.

As for its modular approach, SmarKo can also be utilized in other IoT areas, for example logistics, traffic, ambient living and many other. This is made possible by easy adaptation of wearables as well as modular setup of current software applications.

Further, MCS is a consortium member in the H2020 project EMYNOS (nExt generation eMergencY commuNicatiOnS) that will last until 2018. This will allow rich media emergency communications across Europe.

Finally, MCS also distributes superior hardware and software that allows cost-effective internet access in remote areas.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: MCS Data Labs GmbH

MCS Data Labs develops leading edge hardware and software for IoT, emergency communications, remote internet and eHealth. Flagship development project is SmarKo Health, a holistic sensor- and application-based monitoring and communication system for doctors and patients. It allows for video, audio and texting, as well as automatic sensor-triggered or manual emergency notifications to doctors or (where applicable) PSAP's. The system allows for easy management of clinical studies, categorization of patients into risk groups or else, and fulfills highest European safety and security standards. A Data Analytics Software Pack allows doctors to treat patients optimally. SmarKo Health was recently awarded the prestigious Deep Tech Award 2016, from the State of Berlin, co-supported by the EU. As for its

modular approach, SmarKo can also be utilized in other IoT areas, for example logistics, traffic, ambient living and many other. This is made possible by easy adaptation of wearables as well as modular setup of current software applications. Further, MCS is a consortium member in the H2020 project EMYNOS (nExt generation eMergencY commuNicatiOnS) that will last until 2018. This will allow rich media emergency communications across Europe. Finally, MCS also distributes superior hardware and software that allows cost-effective internet access in remote areas.

Holken Consultants & Partners

Organisation Name

Country	France
City	Issy-les-Moulineaux
Street	115 Boulevard Rodin
Website	www.holkenconsultants.com
Phone	
Organisation Type	Consulting



Holken Consultants
& Partners

Person

Name	Hadmut Holken
Email	holken@holkenconsultants.com
Job Position	Managing Director



Organisation Details

With over 20 years of experience in strategic b-to-b market analysis and custom tailored consulting, Holken Consultants & Partners provide in-depth market analysis for targeted understanding, and consulting as accelerator for innovation market take-up and internationalization.

We operate in convergent media and IT markets and focus on changes in creative, cultural and media industries, but not only. Our missions anticipate new content & services related business models in emerging markets (i.e. for connected TV, interactive advertising, video on demand, mobile TV, access control services, e-learning/serious gaming/MOOCs, open data, etc.). A strong focus lies on dissemination activities with interdisciplinary and public private partnerships fostering bridges between academics and industries. We support our client's business plan, strategic market approach and take-up. We facilitate and accelerate decision-making for innovations, products, services, and applications to find their markets.

The company is particularly interested in forthcoming projects concerning IoT, big data, and robotics related to ICT, which target social and societal challenges. ICT-20 and ICT-23 are of high interest as our company has strong experiences in these fields.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)

Cooperation Profiles

Partner: Dissemination/communications partner and go-to-the market for innovations

We are highly interested in the ICT calls and bring especially experiences with regard to ICT-20 and ICT-23. Specializing in b-to-b market research and business consulting in convergent media and IT markets, we anticipate new content & services related business models in emerging (digital) markets and intervene where innovation comes to the mar-

ket. As part of the Executive Group and Steering Board member of the European Technology Platform NEM (New European Media), and particularly in charge of international cooperation (<http://nem-initiative.org/>), We are able to find further partners through NEM and also through partner platforms. Examples: (1) Within the European funded MOSAIC project (www.mosaic-med.eu), which aimed to set-up technology platforms in the Maghreb and Mashreq regions, our role was to contribute to the SRIA (Strategic Research and Innovation Agenda) and dissemination. (2) Our company is the partner for dissemination in the European co-funded HBB4ALL project on connected TV and accessibility (www.hbb4all.eu). (3) Our company is also involved in social innovation through the coordination of the French public private partnership Media4D, a Think Tank concerning accessibility and media (including smart TV, smart city, smart home and smart energy players, www.socialmedia4d.com). This Think Tank has as a concrete result the media4Dplayer project, which is a French State co-financed collaborative R&D project, where we intervene for dissemination and user behaviour tests and analysis as subcontractors of 2 universities (www.media4Dplayer.com). Our company is particularly interested in forthcoming projects concerning IoT, big data, and robotics related to ICT, which target social and societal challenges. All innovation actions related to ICT, big data ppp are of high interest for us .

Pix Communications

Organisation Name

Country	Spain
City	Madrid
Street	C/ Progreso, 2, Oficina 68
Website	www.pix-videos.com/communications.html
Phone	+34 606357902
Organisation Type	Company

Person

Name	Pablo Hortal
Email	pablo.hortal@pix-videos.com
Job Position	CEO



Organisation Details

At Pix Communications we are experts at maximizing exploitation opportunities based upon viral communication strategies. We can lead the dissemination WP of any project of any Call, through our unique understanding on how communication activities should be designed and executed to optimise effectiveness.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

[Partner: Your dissemination partner](#)

A good example of our understanding on how EC project dissemination should be tackled is our high quality animated explainer videos. In the following example we describe with attractive animated concepts a complex European Commission project in a way that makes it understandable to everyone in less than 3 minutes: <https://www.youtube.com/>

watch?v=2TcPr3JAPDE

CARDTEK

Organisation Name

Country	Turkey
City	ISTANBUL
Street	KATAR CADDESI
Website	www.cardtek.com
Phone	
Organisation Type	Company

Person

Name	OZAN ILHAN
Email	ozan.ilhan@cardtek.com
Job Position	INVESTMENT PROJECTS AS-SISTANT SPECIALIST

Organisation Details

SOFTWARE COMPANY

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

KoçSistem

Organisation Name

Country	Turkey
City	İstanbul
Street	Ünalan Mah. Ayazma Cad. Çamlıca İş Merkezi
Website	http://www.kocsistem.com.tr
Phone	
Organisation Type	Company

Person

Name	Fatih Işıkhan
Email	fatih.isikhan@kocsistem.com.tr
Job Position	Team Manager

Organisation Details

Turkey's oldest and leading information technology company founded with domestic capital, **KoçSistem Bilgi ve İletişim Hizmetleri A.Ş.** was originally established as **Koç Ticaret Büro Levazımatı A.Ş.** with a representation agreement it concluded with the US-based Burroughs firm in 1945.

Our company has remained a market leader and stayed abreast of developments around the world ever since its founding. In keeping with developments over the years, it has shaped its organization based on the needs of the market.

In 1962, it became an independent company in order to better meet the expectations of the market and continued operations in the computer sector under the name **Koç-Burroughs**.

After Burroughs merged with Sperry Univac, another leading computer firm based in the US, in 1986, the name Koç Burroughs was changed to **Koç-Unisys** to reflect the Unisys (United Information Systems) name they had chosen. This agreement made our company responsible for management of all Unisys operations in Turkey.

Ten years later in 1997, the name Koç Unisys was changed to **KoçSistem** to reflect the vision for projects providing brand independent solutions and system integrations and diversification of the brands in the product offering.

A well-established and leading Turkish information technologies company, KoçSistem is a Koç Group company that has operated in the sector for 70 years and all of its shares are held domestically.

Company Development

With employees and a management approach focused on business excellence, KoçSistem helps make its customers competitive with its solution integration experience, and continues to be a pioneer in numerous areas of the Information Technologies and Communications sector.

In 2009, KoçSistem was granted permission to establish "the 16th authorized R&D center in Turkey and the first in the field of software" within the framework of Law 5746 Regarding Support for Research and Development Activities. Research, development and innovation work is being conducted in the field of information technologies with over 100 employees at the R&D and Innovation Center.

The first product developed as a result of this work was Pixage, a digital publishing software. Pixage has the distinction of being the first corporate digital publishing software developed in Turkey using solely domestic resources and was awarded the "Technology Solution of the Year in Europe" prize in 2012. Its journey in the global arena and the European market began with its digital publishing product Pixage in several stadiums, primarily England and Germany.

2012 was a year in which KoçSistem was recognized around the world for its accomplishments and won numerous awards. KoçSistem received the "Human Resources Team of the Year" award from the Stevie Awards, and it was also the first Turkish company to win the "Reputation and Brand Management" award, again from the Stevie Awards.

According to IDC data, KoçSistem, the Turkish IT Services market leader, won first place in the Informatics 500 System

Integrator/serve, Server Revenues and Hosting/Management categories. It was a finalist in the Innovation Creativity Awards organized by TESİD with its remote meter reading product SistemetriKS. It was also one of the “National Champions” in the Environmental and Enterprise Sustainability category at the European Business Awards.

Celebrating its 70th anniversary in the Turkish information technologies sector in 2015, KoçSistem has expanded its service portfolio with technology-focused business solutions and strategic cooperations, achieving growth of 27%.

According to the 2015 IDC report, the company’s enterprise cloud computing services brand Maximus is an important player in the Turkish Enterprise Cloud market with a market share of 18%.

In 2010, KoçSistem began offering the “Virtual Data Center” service, which is the first self-service cloud computing service in Turkey, and is a pioneer in this field. The service is an alternative to the use of physical servers and provides customers with information processing and storage resources with monthly payments. The company has expanded its service portfolio in the field of cloud computing to better serve its customers in keeping with new trends and technological developments. In 2012, these services were consolidated under the Maximus brand.

KoçSistem proved its success in the cloud market by taking first place in the “Best Commercial Sector Case Study” at the Turkish Cloud Awards, earning the right to represent our country at Euro Cloud 2013. Our company brought the HR Cloud Payroll Management Service to market, thus implementing the first human resources cloud application in Turkey.

Another important KoçSistem venture that left its mark on 2012 was the establishment of its first foreign company in Azerbaijan. As a result of work it performed in Azerbaijan, KoçSistem executed successful projects with leading companies in the Azeri market, such as Azerinteltek and Azerfon. KoçSistem, it opened its first foreign R&D Center in 2015 in Baku.

One of the first companies to obtain a “Special Integrator” permit from the Revenue Administration in the area of e-Invoicing, KoçSistem distinguished itself in this field by obtaining the ISO 22301 Business Continuity Management certificate. KoçSistem offers its e-Invoice solution with the cloud architecture model, and it continues to expand its e-Government product portfolio with e-Ledger and e-Archive.

KoçSistem has continued its strategy of focusing on areas that shape the business world such as mobile technologies, cloud computing and managed services, and became a market leader in important areas in 2013.

With the investments it has made in the area of manageable security services, KoçSistem has raised its capacity to identify and monitor risks in advance and to instantly offer the right solution, opening its Security Operations Center in 2013. The company has an end-to-end approach to addressing services in this area and has achieved the ability to manage all of the services purchased from different companies via a single center.

In its enterprise risk management applications, KoçSistem offers many customers Business Continuity and Disaster Recovery Services with Data Centers in Ankara and Istanbul that have completed international accreditation. On the Istanbul One project, which is Turkey’s largest data center, it brought one of the largest investments made by an international company to our country thanks to its cooperation with Zenium Technology Partners, a leading global data center company. KoçSistem provides hosting and managed service solutions to companies that need bulk space leasing and system management on a large scale via Istanbul One, which was completed in 2015.

KoçSistem offers infrastructure transformation solutions, business applications and managed service solutions to customers in finance, telecommunications, retail sales, energy, durable consumer goods, automotive, government, transportation and many other sectors.

Our company meets the needs of its customers in a reliable and integrated fashion based on their demands and expectations while ensuring unconditional customer satisfaction thanks to the powerful strategic partnerships it has developed. With its extensive experience, its reliable partnerships and an approach that stays abreast of the latest technology, KoçSistem offers information technology services to the 500 largest companies in Turkey.

INSAT

Organisation Name

Country	Tunisia
City	Tunis
Street	B.P. 676, Tunis Cedex, Centre Urbain Nord
Website	http://www.insat.rnu.tn/
Phone	
Organisation Type	University

Person

Name	Abderrazak JEMAI
Email	abderrazekjemai@yahoo.co.uk
Job Position	Professor

Organisation Details

University Description

- **Organization:** National Institute of Applied Sciences and Technology (INSAT) is an ICT Engineering School Since 1996, a member of University of Carthage Tunis (UCAR), Tunisia.
- INSAT : (http://www.insat.rnu.tn/Fr/accueil_46_34)
- UCAR : (<http://www.ucar.rnu.tn/En/>),

INSAT MISSION:

- Produces high level qualified engineers in ICT, Automated systems and Bio-industry. Introduces skills, concepts, and capabilities necessary to effectively use information technology. Collaborate with national and international stakeholders in ICT, automation and bio-industry.

Studying duration: 5 years

Target fields:

- Computer Networks and Telecommunications
- Software Engineering
- Instrumentation and Industrial Maintenance
- Industrial and Automated Informatics
- Industrial Chemistry
- Bio-industry

Number of students: 3000

Number of Professors and Associate-Professors: 400

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Coordinator: Open Cloud for Things

Project Idea title: Open Cloud for Things H2020 target Call : IoT-03-2017 Project description: By this project idea, I propose a new solution and a framework for IoT implementation, testing and usage taking into account the features of IoT in term of mobility, footprint and energy aware, and the need of IoT to respect standards and security policy where they are deployed. Assembling software and hardware components (API and IP) to produce and IoT is often a nightmare task for IoT industrial companies especially when using opensource subsystems. The integration is error prone due to the non respect of standards. To tackle this challenge, we propose to bring together in a cloud framework the main stakeholders operating on IoT standards, usage and design and to offer cloud services for IT stakeholders dealing with IoT. Objectives: My project idea will enhance the research on new architecture for cloud and IoT that let them : • Efficiency and more secure • Easy to assemble • Enhance the reuse of opensource Expected results : This proposition will give for future clouds • Fast generation of testing IoT and Smart City platforms • Ensure communications over smart components under high security services.

Koc University

Organisation Name

Country	Turkey
City	Istanbul
Street	Rumelifeneri Yolu, Sariyer
Website	ku.edu.tr
Phone	
Organisation Type	University

Person

Name	M. Erdem Kabadayi
Email	mkabadayi@ku.edu.tr
Job Position	Department of History

Organisation Details

Koç University (KU) is an endowed, non-profit institution of higher education, located in Istanbul, Turkey.

Under Horizon 2020, KU is hosting 5 ERC Starting Grants, 2 ERC Proof of Concept grants, 4 MSCA Individual Fellowships and 4 cooperation projects. Among Turkish higher education institutions, KU is the university that hosts the highest number of projects under Horizon 2020.

TAGES

Organisation Name

Country	Turkey
City	Istanbul
Street	Istanbul
Website	www.tages.biz
Phone	
Organisation Type	SME

Person

Name	Aslihan Kagnici
Email	aslihan.kagnici@tages.biz
Job Position	Projects Consultant



Organisation Details

TAGES provides project management, consulting, R&D and innovation management services for SMEs, companies, NGOs, public organizations and local authorities, academic and research institutions since 2002. TAGES has an extensive knowledge and experience of its team on ICT more than 25 years, EU and International Funding, with a wide industrial and R&D network in Europe. TAGES also provides mentoring and coaching services to the SMEs, Start-Ups and young entrepreneurs.

TAGES competencies are mainly on innovation management, R&D&I project development and management, cooperative network management, user requirements, pilot implementations and user evaluations of innovative products and services, dissemination and exploitation of R&D&I projects results, project proposal preparation for funding programs, innovation assessment and audits, Open Innovation strategy and program implementation, technology foresight, ICT based innovative application and services on Smart Cities, Open and Linked Data, Interoperability, Big Data and IoT.

TAGES can be both an innovation partner for its clients or a consultant for their R&D and innovation activities.

TAGES has success stories in EU Projects like; **FP6 EASIER**-Engaging regional SMEs within the ICT sector in EU research Project where brought together around 400 European ICT researchers and SMEs in a big ICT event and supporter 90 SMEs in participation to 50 FP7 projects and prepared and submitted project final management report successfully. **FP6 FIRE**- Facilitating Innovation in Renewable Energies Project for supporting SMEs. TAGES consulted MIB (Machine Manufacturers Association of Turkey) in **FP6 VERITAS**-Virtual Enterprises for Integrated Industrial Solutions Project by establishing 2 cooperative networks in machinery industry and managing them. **FP7 ROK Project AG-FORISE**-AGroFOod Clusters Platform with Common Long-Term Research and Innovation Strategy towards Economic Growth and Prosperity Project where has a role as a partner in financial and activity management, dissemination and exploitation. **FP7 COIN** -Collaboration & COllaboration and INteroperability for networked enterprises Project where consulted LODER (Logistics Association of Turkey) to prepare and coordinate the pilot implementations. Collaborated with TURSAB (Association of Turkish Travel Agencies) in **FP7 Linked2Media** Project and carried out administrative and financial management of the project. **CIP ICT PSP CitySDK**- Smart City Service Development Kit Project where has role to engage the developer community and organize the hackathon events. **CIP ICT PSP RADICAL** - Rapid Deployment for Intelligent Cities and Living where performed the analysis of stakeholders' requirements and requirements for Pilot operations, user evaluation tasks and planning of sustainability and replicability of the services. TAGES also successfully managed and coordinated national projects such as **ICT Valley Feasibility** Project funded by the Turkish Ministry of Trade and Commerce, where coordinated the feasibility of an ICT Valley which will be established in Turkey, **Istanbul Information Society Watchdog Group** Project funded by Istanbul Development Agency (2012-2013) where carried out the project management and coordination activities and designed and implemented the watchdog methodology and **Digital Agenda Going Local for Turkey** Project sponsored by Turk Telekom, where carried out the project management and coordination activities. TAGES is currently working as a partner in **CIP ICT PSP OPENISME** (Open Innovation for Innovative SMEs) Project and helping SMEs to solve their R&D problems.

TAGES is a member of FINES Cluster, NESSI and NEM European Technology Platforms. TAGES is also registered as a

DSI (Digital Social Innovation) Institution.

Areas of Activity

Big Data and Content

- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

[Partner: Open data, big data, internet of things, smart cities, open innovation, technologies for learning and skills](#)

TAGES has success stories in EU Projects like; FP6 EASIER-Engaging regional SMEs within the ICT sector in EU research Project where brought together around 400 European ICT researchers and SMEs in a big ICT event and supporter 90 SMEs in participation to 50 FP7 projects and prepared and submitted project final management report successfully. FP6 FIRE- Facilitating Innovation in Renewable Energies Project for supporting SMEs. TAGES consulted MIB (Machine Manufacturers Association of Turkey) in FP6 VERITAS-Virtual Enterprises for Integrated Industrial Solutions Project by establishing 2 cooperative networks in machinery industry and managing them. FP7 ROK Project AGFORISE-AGroFOod Clusters Platform with Common Long-Term Research and Innovation Strategy towards Economic Growth and Prosperity Project where has a role as a partner in financial and activity management, dissemination and exploitation. FP7 COIN -Collaboration & COllaboration and INteroperability for networked enterprises Project where consulted LODER (Logistics Association of Turkey) to prepare and coordinate the pilot implementations. Collaborated with TURSAB (Association of Turkish Travel Agencies) in FP7 Linked2Media Project and carried out administrative and financial management of the project. CIP ICT PSP CitySDK- Smart City Service Development Kit Project where has role to engage the developer community and organize the hackathon events. CIP ICT PSP RADICAL Project on smart city where TAGES performed the analysis of stakeholders' requirements and requirements for Pilot operations, user evaluation tasks and planning of sustainability and replicability of the services. TAGES also successfully managed and coordinated national projects such as ICT Valley Feasibility Project funded by the Turkish Ministry of Trade and Commerce, where coordinated the feasibility of an ICT Valley which will be established in Turkey, Istanbul Information Society Watchdog Group Project funded by Istanbul Development Agency (2012-2013) where carried out the project management and coordination activities and designed and implemented the watchdog methodology and Digital Agenda Going Local for Turkey Project sponsored by Turk Telekom, prepared a report on the policy recommendations and impact analysis on Turkey. TAGES is currently working as a partner in CIP ICT PSP OPENISME Project on open innovation and helping SMEs to solve their R&D problems.

[Partner: OPENISME \(Open Innovation Platform for Innovative SMEs\)](#)

OPENISME (Open Platform for Innovative SMEs (<http://www.openisme.eu/>) is collaborative project supporting SMEs in their pursuit of innovation by acting as an intermediary platform between public and private laboratories and innovative SMEs to help solving SMEs' R&D problems. The project allows European innovative SME's to benefit from open innovation methods, techniques and solutions by stimulating the use of new Open Innovation focused platforms.

HangaarLab Bilisim Teknolojileri San. ve Tic. Ltd. Sti.

Organisation Name

Country	Turkey
City	Istanbul
Street	ITU Teknokent ARI3 Binasi No:B204-8 Maslak
Website	http://www.hangaarlab.com
Phone	
Organisation Type	SME



Person

Name	Cihat Kahraman
Email	cihat@hangaarlab.com
Job Position	Co-Founder



Organisation Details

HangaarLab is building V-Sight, wearable software platform, to help enterprises transform their workforce into smart workforce and increase efficiency with integrating wearables into enterprise's business flow.

Areas of Activity

Big Data and Content

- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)

ARDIC Technology

Organisation Name

Country	Turkey
City	Kocaeli
Street	TUBİTAK MAM Gebze - Teknoloji Serbest Bölgesi
Website	http://www.ardictech.com/
Phone	
Organisation Type	SME

Person

Name	Tunç Kahveci
Email	tunc.kahveci@ardictech.com
Job Position	Co-Founder & Board Chairman



Organisation Details

ARDIC is an IoT platform technology company leveraging the effectiveness and quality of services by helping businesses to concentrate on their own core competencies. The founders and technical team of ARDIC have extensive knowledge and experience in software services, telecommunication networks, cloud computing, Android OS and mobile services. This know-how has been brought together in a disruptive and state-of-the-art product offering a paradigm change in IoT service development and deployment. ARDIC now offers an IoT platform bringing simplicity, vendor-independence, cost reduction and rapid monetization. This technology will ignite the power of IoT and help the realization of its expected impact on economies.

ARDIC has created IoT-Ignite; a truly end-to-end, scalable, simple, secure and reliable IoT Platform. IoT-Ignite is unique, as it brings an “industry-grade Android” as a development and deployment environment. It supports “any hardware” including open hardware solutions, that are transformed to industry-grade hardware by IoT-Ignite. IoT-Ignite is an open platform. Companies of any size utilize IoT-Ignite to design, develop and deploy their own IoT services and rapidly start monetization. It also offers developers an IoT marketplace where they can use or sell a wide range of IoT solutions and applications to other developers or end users.

[IoT-Ignite Website](#)

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

[Coordinator: IoT-Ignite is an end-to-end IoT Platform, offering simplicity and vendor-independence with an industry-grade Android.](#)

It is challenging to deploy IoT services on a large scale due to complexity of service development, vendor dependency and associated high costs, limitations on interoperability and reliability. ARDIC overcomes these challenges with IoT-Ignite; a truly end-to-end, scalable, simple, secure and reliable IoT Platform. IoT-Ignite is unique, as it brings an “industry-grade Android” as a development and deployment environment. It supports “any hardware” including open hardware solutions, that are transformed to industry-grade hardware by IoT-Ignite. IoT-Ignite is an open platform. Companies of any size utilize IoT-Ignite to design, develop and deploy their own IoT services and rapidly start monetization. It also offers developers an IoT marketplace where they can use or sell a wide range of IoT solutions and applications to other developers or end users. IoT-Ignite is interoperable with a wide range of gateways, nodes, sensors, communication protocols, 3rd party cloud services and databases.

TR Associates Ltd

Organisation Name

Country	Malta
City	St Julians
Street	Stresa Court 3 Spinola Road
Website	www.tr-associates.webs.com
Phone	
Organisation Type	SME

Person

Name	Tunde Kallai
Email	tkallai60@gmail.com
Job Position	managing director



Organisation Details

TR Associates Ltd. is an Innovation minded company, established in Malta in August of 2008. The main mission is bringing open innovation to the marketplace in the different areas of the applications (urban and rural development, ageing society, education, Intelligent transport, e-Business, green technologies), based on the large partnership of the local stakeholders, incorporated academia, government, associations and industry. Its mission also is to explore and achieve policy and business goals related to research and innovation, to generate new projects (small and large scale) under the framework of the different European and national programmes, calls and tenders. Continuously enhancing its innovation capabilities in the fields of solutions, products and services, **TR-Associates** is at the state of the art in Research & Development and consultancy services on the process of Open Innovation. The company owner attended in few co-working EU RTD projects, untitled: CoSpaces, Collaboration@Rural and EcoSpaces with her Living Labs, involving start-ups, engineering and university teams under FP6/FP7. As an outcome of the currently running Erasmus+ project, VET4Startup, two colleagues got a certificate at European Startup Advisor in October 2015 from University of Wolverhampton.(www.vet4startup.eu).

Areas of Activity

Big Data and Content

- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Robotics and Autonomous Systems

- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)

Cooperation Profiles

[Coordinator: Processing an adaptive 3D anthropometric skeleton applied to fashion design](#)

ICT-20-2017: Tools for smart digital content in the creative industries The complexity of today's garment industry has led to unit advanced cutting-edge technologies and 3D graphic software for assisting designers' creativities, and more importantly to serve customers' needs and increase their satisfaction percentage. Recently, an obvious trend in presenting the new models/collections has become epitomized by individualized means and their appearances on parametric body models in standing positions, the body dimensions of which could be adjusted to specific customers' body measurements. It refers to garment virtual prototyping based on a made-to-measure concept for ensuring garments' pattern adaptation by taking individual requirements for a garment's style and functionality into consideration. A major issue regarding the fashion models and virtual prototyping is when evaluating a garment's fit appearance and the fabric's draping behavior on virtual body models are limited to a standing posture with standard body shape characteristics. These body shapes are more adaptable for the individual body measurements therefore there is a need to construct individualized and personalised garments. To achieve the main goals, the development and

combination of 4 modules of the state-of-the art technologies will ensure a harmonic and coherent cooperation of the different modules: Main steps: To build 4 main Modules independently: -Module 1:Smart capturing suit -Module 2:Polymimetic smart Paris Doll -Module: 3D scanner app and adaptation -Module: Capturing and Design software adaptation To integrate the 4 modules into a Platform which will serve further development for open community of designers It can be tested/evaluated in various environments, at least in three countries in Europe (TBC) , Africa (Tunisia) , Middle East (UAE/Dubai) and Latin America (Sao Paolo, Brazil)

ACT Venture Partners

Organisation Name

Country	Turkey
City	Istanbul
Street	Etiler Mah, Etiler Sok No8
Website	www.act-vc.com
Phone	
Organisation Type	Other

Person

Name	Okan Kara
Email	okank@act-vc.com
Job Position	Managing Partner

Organisation Details

ACT is a venture capital fund, exclusively focus on early stage Intellectual Property & technology intensive opportunities developed in Turkey that have a potential to turn into leading global companies.

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: NA

ENOCTA Learning Technologies

Organisation Name

Country	Turkey
City	İstanbul
Street	Ruzgarlıbahçe Smart Plaza B Blok
Website	www.enocta.com
Phone	
Organisation Type	SME

Person

Name	Gonca Kara Demir
Email	gonca.kara@enocta.com
Job Position	R&D Center Manager



Organisation Details

Founded in 1999, Enocta is the first and the leading R&D and innovation-focused SME on learning solutions/technologies in Turkey. With its cutting-edge technologies and state-of-the-art learning solutions, Enocta provides high-end products and services to meet the needs of businesses and individuals in both local and neighboring markets. Listed in Brandon-Hall Custom Content Developers Knowledgebase, Enocta offers adult training and delivers 1700+ contents and thousands of learning and development materials in three different catalogues to more than 500 institutions, universities and companies in 25 industries ranging from banking to telecommunication, energy and logistics. Currently, more than 2 million users regularly follow the learning solutions provided by Enocta.

With its expertise on Software Development, Learning Management Systems Mobile & Social Learning, Online Interactivity Design, Content Development, Instructional Design, Gamification, Authoring Tool Development, Virtual & Augmented Reality and Learning Analytics, Enocta has run and participated several national, international and EU Funded Projects. Our EU projects are:

- **Technical Assistance for Capacity Development of Employees and Employers via Information and Communication Technologies** (ICT) which cover activities for increasing the adaptability of employees, employers and enterprises through increasing their ICT-related skills and abilities (180 online courses). Funded under IPA Programme (EuropeAid/136645/IH/SER/TR)
- ELEVATE (FP7) - Integrating Pedagogically-Documented, Value-Added E-Training Add-Ons in Commercial Software Products of European Software SMEs- Project funded under Research for SMEs Programme
- INTOUCH-ICT (LLP) - ICT Professionals in Touch: New non-routine skills via mobile game-based learning
- Education Goes Green (LLP)- Spread knowledge about IT potential regarding environmental issues in order to stimulate green thinking and to create Eco-innovation "IT green thinking" module which could be incorporated in to training courses.

Having its headquarters in Istanbul and its branch in Ankara, Enocta team has 110 professionals working on R&D Team (48), Enterprise Solutions (17), Content Development Team (26), and Sales & Admin Team (19).

Areas of Activity

Big Data and Content

- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)

- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

e-Trikala S.A.

Organisation Name

Country	Greece
City	Trikala
Street	Kalambakas 28
Website	
Phone	
Organisation Type	SME

Person

Name	Christina Karaberi
Email	xkaraberi@e-trikala.gr
Job Position	Department o research and communication



Organisation Details

- e-Trikala SA began as a Development Company of the MUNICIPALITY OF TRIKALA which was established in March 2008, while the ICT activity officially began at 2004 with the operation of the Information Society Office of the Directorate of the MUNICIPALITY OF TRIKALA
- The success of the office led to the establishment of e-Trikala SA in March 2008 with main shareholder the MUNICIPALITY OF TRIKALA, in possession of 99% of the shares, while the remaining 1% is held by the Commercial Chamber of Trikala. The amount of capital incorporation of the company amounts to 500.000,00 €. The study and analysis of the current situation of ICT in Greece led to the identification and codification of specific problems and developmental gaps called to address and provide comprehensive contributory services. In particular, the needs identified relate to:

- 1.Further integration of ICT in the operation of enterprises with emphasis on SMEs.
 - 2.Increased safety in the use of new technologies.
 - 3.Expansion of the Public sector the digital business services .
 - 4.Stimulation of the exploitation of ICT in the public sector.
 - 5.Consolidation of the digital sector government business services.
 - 6.Exploitation of the potential of local ICT companies to strengthen local and regional economy
 - 7.Creation of a favorable environment for entrepreneurial activities that utilize ICT.
 - 8.Strengthening equal access for all citizens to the potential of new technologies (households broadband accessibility for the disabled, etc.).
 - 9.Enhancing the contribution of new technologies in educational process (e-Learning - Education digital content)
 - 10.Digital programs "Lifelong Learning."
 - 11.Securing the trust conditions and safety at the use of new technologies.
 - 12.Enhancing the contribution of new technologies in the daily life of citizens (portals, info kiosks, digital TV etc.).
 - 13.Increase efficiency and transparency in transactions between public sector and citizens. Increase of the number of digital public services available to ensure the continued high quality and safe delivery of public sector digital services to citizens (authentication mechanism).
- **The design and planning of services which are provided by e-Trikala SA are :**
 - Supply of electronic services to the citizens of the city of Trikala subsequently provided and the expansion of the network and surrounding areas.

- Providing advisory services to entities interested in developing similar actions in other geographical areas
- Research and Development to produce innovative services in cooperation with universities and institutions of the market. These services will be addressed in similar activities, but it is also possible to create specialized applications depending on customer needs.
- Education-training of the personnel of the organizations which will adopt eTrikala business applications,
- **European Digital Programs Implementation**

Renewing Health (<http://www.renewinghealth.eu/en/>)

ISISEMD (<http://www.isisemd.eu/>)

INDEPENDENT (<http://www.independent-project.eu/>)

ELDER-SPACES (<http://www.elderspaces.eu/>)

MOMENTUM (<http://telemedicine-momentum.eu/>)

SUSTAINS (<http://www.sustainsproject.eu/>)

UnitedForHealth (<http://united4health.eu/>)

SmartCare (<http://pilotsmartcare.eu/home/>)

Citymobil2 (<http://www.citymobil2.eu/en/>)

.TEAM (<https://www.collaborative-team.eu/>)

MyWay (<http://myway-project.eu/>)

PRISSM (<http://www.prissm-eu.com/index.php/en/>)

SABER (<http://www.project-saber.eu/cms/>)

DIGITAL CITIES (<http://www.digital-cities.eu/>)

NET-EUCEN (<http://www.net-eucen.org/>)

iHeERO (<http://iheero.eu/>)

- **The design and planning of services which are provided by e-Trikala SA are :**
- Supply of electronic services to the citizens of the city of Trikala subsequently provided and the expansion of the network and surrounding areas.
- Providing advisory services to entities interested in developing similar actions in other geographical areas
- Research and Development to produce innovative services in cooperation with universities and institutions of the market. These services will be addressed in similar activities, but it is also possible to create specialized applications depending on customer needs.
- Education-training of the personnel of the organizations which will adopt eTrikala business applications,
- **European Digital Programs Implementation**

Renewing Health (<http://www.renewinghealth.eu/en/>)

ISISEMD (<http://www.isisemd.eu/>)

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ELDER-SPACES (<http://www.elderspaces.eu/>)

MOMENTUM (<http://telemedicine-momentum.eu/>)

SUSTAINS (<http://www.sustainsproject.eu/>)

UnitedForHealth (<http://united4health.eu/>)

SmartCare (<http://pilotsmartcare.eu/home/>)

Citymobil2 (<http://www.citymobil2.eu/en/>)

.TEAM (<https://www.collaborative-team.eu/>)

MyWay (<http://myway-project.eu/>)

PRISSM (<http://www.prissm-eu.com/index.php/en/>)

SABER (<http://www.project-saber.eu/cms/>)

DIGITAL CITIES (<http://www.digital-cities.eu/>)

NET-EUCEN (<http://www.net-eucen.org/>)

iHeERO (<http://iheero.eu/>)

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: internet of things in health(ACTIVAGE)

ACTIVAGE is a European Multi Centric Large Scale Pilot on Smart Living Environments. The main objective is to build the first European IoT ecosystem across 9 Deployment Sites (DS) in seven European countries, reusing and scaling up underlying open and proprietary IoT platforms, technologies and standards, and integrating new interfaces needed to provide interoperability across these heterogeneous platforms, that will enable the deployment and operation at large scale of Active & Healthy Ageing IoT based solutions and services, supporting and extending the independent living of older adults in their living environments, and responding to real needs of caregivers, service providers and public authorities. The project will deliver the ACTIVAGE IoT Ecosystem Suite (AIOTES), a set of Techniques, Tools and Methodologies for interoperability at different layers between heterogeneous IoT Platforms and an Open Framework for providing Semantic Interoperability of IoT Platforms for AHA, addressing trustworthiness, privacy, data protection and security. User-demand driven interoperable IoT-enabled Active & Healthy Ageing solutions will be deployed on top of the AIOTES in every DS, enhancing and scaling up existing services, for the promotion of independent living, the mitigation of frailty, and preservation of quality of life and autonomy. ACTIVAGE will assess the socio-economic impact, the benefits of IoT-based smart living environments in the quality of life and autonomy, and in the sustainability of the health and social care systems, demonstrating the seamless capacity of integration and interoperability of the IoT ecosystem, and validating new business, financial and organizational models for care delivery, ensuring the sustainability after the project end, and disseminating these results to a worldwide audience. The consortium comprises industries, research centres, SMEs, service providers, public authorities encompassing the whole value chain in every Deployment Site. The Greek cluster in particular will run in Attica, Central Greece and Macedonia will offer global support for elderly users in prevention of frailty and support when leaving home on mobility and transportation. Target: 1000 users.

PAvo Tasarım, Üretim ve Elektronik A.Ş.

Organisation Name

Country	Turkey
City	İstanbul
Street	Havaalanı Yolu Kavşağı
Website	
Phone	
Organisation Type	R&D Institution

Person

Name	Ayşe Karaca
Email	ayse.karaca@pavotek.com.tr
Job Position	Sales Engineer



Organisation Details

PAVO, located in Technopark Istanbul (near Sabiha Gokcen Intl. Airport), is an electronic product design and manufacturing company , specializes in electronic product and systems design for customers in all over the World.

For more than 13 years, now with 70 engineers and 125 employees in total, we develop innovative, value added, breakthrough, cost effective electronic OEM, and ODM products.

VISION

To provide the world with electronic designs and products that will increase the quality of living.

MISSION

To become an ever-growing, trustworthy, innovative company that is a team player along with its employees, clients, shareholders in realization of its vision.

Areas of Activity

Big Data and Content

- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: Cooperation Willness

A miss is as good as a mile

TÜBİTAK

Organisation Name

Country	Turkey
City	ANKARA
Street	TUBITAK ULAKBİM YOK BINASI, B5 BLOK BİLKENT-CANKAYA
Website	
Phone	
Organisation Type	Authority/Government

Person

Name	Mete KARACA
Email	mete.karaca@tubitak.gov.tr
Job Position	ICT-NCP

Organisation Details

TÜBİTAK

Istanbul Sabahattin Zaim University

Organisation Name

Country	Turkey
City	İstanbul
Street	Halkalı cad. No:2 , Halkalı, Küçükçekmece / İstanbul
Website	www.izu.edu.tr - www.izutek.com
Phone	
Organisation Type	University

Person

Name	Hasan Karacan
Email	hasan.karacan@izu.edu.tr
Job Position	EU Projects Representative



Organisation Details

Istanbul Sabahattin Zaim University is a young foundation university which is committed to excellence in both research and teaching.

Established in 2010, the University accepted its first students in 2010-11. Today the university has 7 faculties (Education, Law, Islamic Studies, Humanities and Social Sciences, Business Administration Management Sciences, Engineering and Natural Sciences and Health Sciences) and there are 21 departments in these faculties. In addition to that, the university has 2 Graduate Institutes, namely, the Institute of Social Sciences which has 11 different MA and PhD programs, and the Institute of Sciences that contain 5 MA and PhD programs. The university also includes a Foreign Language Teaching School. Currently, there are 4500 students, 1000 of which are getting their graduate education. Over 170 faculty members with a PhD work in various faculties and departments at university. Even though it was newly established, the university has attracted international students from 54 different countries.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

[Partner: ICT related calls](#)

Since I am a TTO expert at Istanbul Sabahattin Zaim University I am looking for network who are suitable to cooperate with our academicians.

Triodor Software

Organisation Name

Country	Turkey
City	İstanbul
Street	Aydinevler Mahallesi Durak Sokak
Website	www.triodor.nl
Phone	
Organisation Type	SME



Person

Name	Cansu Karahasanoglu
Email	cansu.karahasanoglu@triodor.eu
Job Position	R&D Expert

Organisation Details

Triodor Software is an international software development company providing high-quality services and solutions used in more than 35 countries in the world. The head office is in Amsterdam, and the company has an R&D office in Istanbul, as well as offices in Leersum (the Netherlands) and Michigan (USA).

Triodor Software counts more than 100 employees covering diverse fields and specialisations, and has set up partnerships with many other companies in the fields of both business and technology. Major projects are operating in gaming, agriculture, dairy, machinery, finance, logistics and call center sectors. Collaboration with customers starts with mutual projects, those projects turn in to dedicated teams and the co-operations often turn in to partnerships. Triodor is also a partner in a number of joint ventures and startups.

Triodor has a unique international position as an "innovation sourcing company". This role distinguishes from regular software/technology providers by the ability of translating the technology into new businesses and providing added value to the strategic vision, which surely goes far beyond only understanding the customer needs. And this necessitates certain virtues such as deep technology knowledge, rich expertise involving different sectors and effective communication through agile development philosophy. The projects are conducted in the R&D Center in Istanbul, which has been consecutively awarded to be, among various other awards, Turkey's best software R&D Center in 2013, 2014 and 2015, and exported to the world.

The talented engineering team in Turkey is experienced in large-scale software and robotics systems combining business ideas with know-how of M2M communication, IoT, machine learning, mobile, wearables or gamification. What is learnt from game design and development, is translated in other domains such as novel applications in farming or call center. The agile project management approach helps with increasing the flexibility and adaptiveness, hence, the success rate of the projects.

Experience of working on EU Programmes, National Programmes and Publications

With its novel projects, Triodor is very actively collaborating with industry partners, universities and government which regularly turns into several national funding projects every year. Since 2015, our company has been participating in H2020 consortia as a software partner, as well, being involved in tasks related to big data analysis, games and gamification. Besides the commercial market solutions, these project result in many MSc and Phd theses, scientific papers and patents.

We believe in growing together with collaborations and are aware that Triodor's expertise and already existing community may very well contribute to the goal of the proposed project. For more information please contact us and visit our website: www.triodor.nl.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities re-search and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities re-search and take-up (19 mill €)

Sampaş Bilişim ve İletişim Sistemleri Sanayi ve Ticaret A.Ş.

Organisation Name

Country	Turkey
City	Istanbul
Street	Beykoz
Website	www.sampas.com.tr
Phone	
Organisation Type	SME



Person

Name	Eser Karakaya
Email	eser.karakaya@sampas.com.tr
Job Position	General Manager

Organisation Details

SAMPAS is the leading Turkish **IT company** which introduced the **Smart City concept** to Turkey, providing information management tools and project management services - tailored for the specific needs of the local authorities.

We have numerous value-added solutions for building today's **Intelligent Cities**. From design to installation, operation to maintenance and consulting, Turkish local governments have implemented many award winning projects with company's vast expertise and experience.

With over 20 strategic partnerships with national and international giants, SAMPAS has been providing city and citizen focused information technology solutions – government software, intelligent water management systems, payment systems, geographical information systems, urban projects management, SaaS solutions and smart card projects - for over **500 municipalities across Turkey** contributing to country's transformation process towards becoming an e-government. Headquartered in Istanbul, SAMPAS has three major regional offices in İzmir, Adana and Ankara.

Besides, Sampaş has been gaining experience in cloud computing and developing software projects with SOA architecture for several years and using its experience in both national and international projects (ITEA2, Celtic, ICT-PSP) experiences in architecture definition, service implementation, pilot demonstrations and dissemination for several projects.

Cooperation Profiles

Partner: SAMPAS IT & Communications

SAMPAS, established in 1981, is proud to be the first and the largest and the most awarded Smart City Solutions provider of Turkey. With over 30 years of experience in distinctive and innovative information technology solutions, SAMPAS continues to meet all of the IT needs of municipalities while improving the quality of life of citizens. Under the roof of its brand AKOS (Smart City Automation Systems) SAMPAS – city and citizens focused - has ISO9001, ISO20000 and ISO27001 quality certificates, providing such services as Management Information Systems, Geographic Information Systems, Smart Water Management solutions, Municipality in a Box, Revenue Management and Payment systems, Smart City Card, Urban City and Urban Transformation Projects, serving over 400 municipalities. In order to continue improving software development processes, SAMPAS has received the TSE ISO / IEC 12207 Standard for Information Technology - Software Life Cycle Processes certificate. With 70 employees in its R&D department, SAMPAS provides high quality, world class solutions to customers, having reached the CMMI Level 3 as a result of investment and improvements in software development methods. SAMPAS has also joined several collaborative R&D projects as WP Leaders and national contact points both international and national level.

PROPOSED ACTIVITIES FOR THE PROJECT-SR&D tasks- software development, technology integration Pilot development, deployment, running and testing Exploitation Dissemination Ethic and Legal Issues

FORMER EXPERIENCES STEP- Horizon 2020 (Starts on 02.06.2015): The overall objective of the project is to develop and pilot test a cloud eParticipation SaaS platform, (available as a mobile application and through a web platform) enhanced with web / social media mining, gamification, machine translation,

and visualisation features, which will promote the societal and political participation of young people in the decision-making process on environmental issues.

eEnviPer - ICT-PSP (www.eenviper.eu): “A single multi-purpose SOA platform that delivers environmental permissions services through the cloud of e-government services and applications” Supported by ICT-PSP (Partner). The aim of the project is to create a single multi-purpose SOA platform that delivers environmental permissions services through the cloud of e-government services and applications. The project has 12 partners among 7 different countries including Greece, Belgium, Croatia, Italy, United Kingdom, Serbia and Turkey.

OpenDAI - ICT-PSP (www.opendai.eu): “Opening Data Architectures and Infrastructures of European Public Administrations” Supported by ICT PSP (Partner). The aim of the project is to open huge amount of data stored in public administrations’ databases to the wide audience of potential users and create an open architecture model for the PA information system. The project has 11 partners among 4 different countries including Italy, Spain, Sweden and Turkey.

CRUMBS: “Places and Augmented reality in Social Networks” Supported by CELTIC (Partner). This idea means that users will consume rich multimedia social content — stuck in different places by using their mobile phone as a mixer between the real world, captured by the mobile camera, and the (crumbs) social content provided by CRUMBS users. The key elements of this project are a Mobile Geo-Spatial Social Network and an Augmented Reality Engine.

OSAMI-COMMONS: “Open source common foundations for a dynamic service-oriented platform” Supported by EUREKA ITEA2. (Partner) The aim of the project is to provide open source common foundations for a dynamic service-oriented platform which is able to personalise itself in large diversity of co-operating Software Intensive Systems (SISs). OSAMI-Commons has 35 different participants among five different participating countries including Spain, Germany, France, Turkey and Finland.

SAMPAŞ has the leadership on Ambient City Services (ACS) demonstrator and Vertical Domains tasks in the project.

Department of Electrical and Electronics Engineering, Ege University

Organisation Name

Country	Turkey
City	izmir
Street	ege üniversitesi kampüsü bornova
Website	www.ege.edu.tr
Phone	
Organisation Type	University

Person

Name	Bilge Kartal Çetin
Email	bilge.kartal@ege.edu.tr
Job Position	Assist. Prof.

Organisation Details

The Department of Electrical and Electronics Engineering was founded in 1994 as part of the Faculty of Engineering. The academic structure comprises 6 science branches within which education and related research activities are organized:

Science Branches: Circuits and Systems, Electronic, Electrical Machines, Telecommunications, Electrical Generation, Distribution and Infrastructure, Electromagnetics and Microwave Technology

Currently department consists of 4 professors, 3 associate professors, 8 assistant professors as well as 16 research assistants.

Program objectives are as follows.

- Based on deep disciplinary and application oriented education, grounded on mathematics and physics, our students acquire indepth and wide in range knowledge and professional skills that help them:
- Find professional fulfillment at national or international level during the first year after graduation;
- Participate, contribute and lead research and development activities in industry, academic and research organizations

Areas of Activity

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Elektrik Elektronik Mühendisliği Bölümü, Ege University

Organisation Name

Country	Turkey
City	izmir
Street	ege üniversitesi kampüsü bornova
Website	www.ege.edu.tr
Phone	
Organisation Type	University

Person

Name	Bilge Kartal Çetin
Email	kartalbilge@gmail.com
Job Position	Assist. Prof.

Organisation Details

The Department of Electrical and Electronics Engineering was founded in 1994 as part of the Faculty of Engineering. The academic structure comprises 6 science branches within which education and related research activities are organized:

Science Branches: Circuits and Systems, Electronic, Electrical Machines, Telecommunications, Electrical Generation, Distribution and Infrastructure, Electromagnetics and Microwave Technology

Currently department consists of 4 professors, 3 associate professors, 8 assistant professors as well as 16 research assistants.

Program objectives are as follows.

- Based on deep disciplinary and application oriented education, grounded on mathematics and physics, our students acquire indepth and wide in range knowledge and professional skills that help them:
- Find professional fulfillment at national or international level during the first year after graduation;
- Participate, contribute and lead research and development activities in industry, academic and research organizations

Areas of Activity

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

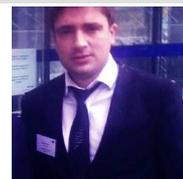
Kutahya il ozel idaresi

Organisation Name

Country	Turkey
City	kütahya
Street	ali pasa mah no 2
Website	
Phone	
Organisation Type	Authority/Government

Person

Name	Nazif Kavakli
Email	nazifkavakl@gmail.com
Job Position	Expert



Organisation Details

Our company is a governmental organization interested in local requirements

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

[Partner: Open data](#)

Information about open data gis

Dokuz Eylül University

Organisation Name

Country	Turkey
City	izmir
Street	Tinaztepe Campus
Website	
Phone	
Organisation Type	University

Person

Name	Deniz Kaya
Email	kerimdenizkaya@hotmail.com
Job Position	Research Assistant



Organisation Details

Dokuz Eylül University, Maritime Faculty, Marine Engineering Department

Areas of Activity

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Hayriya Bilişim ve Sağlık Teknolojileri AŞ

Organisation Name

Country	Turkey
City	ISTANBUL
Street	TUBİTAK - MAM Teknoloji Serbest Bölgesi
Website	www.hayriya.com
Phone	
Organisation Type	SME



Person

Name	Abdulkadir KAYIKLI
Email	abdulkadir@hayriya.com
Job Position	CEO



Organisation Details

Hayriya Teknoloji provides innovative technology that are shaping a new age of medical devices and healthcare information services.

We focus on wearable technologies with a proven approach to long-term continuous monitoring that enables diagnosis earlier to improve patient outcomes and reduce clinical costs. Our professionals are located at the corporate headquarters in TUBITAK MAM Technology Development Center, Istanbul/Turkey. Our expertise in medical imaging and instrumentation, medical diagnostics, patient monitoring systems help our customers to deliver better care to more people at around the world at a lower cost.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)

Nevşehir HBV Uni

Organisation Name

Country	Turkey
City	Nevşehir
Street	2000 evler
Website	
Phone	
Organisation Type	University

Person

Name	Aysel Kekillioğlu
Email	akekillioglu@hotmail.com
Job Position	University

Organisation Details

Nevşehir HBV University is in Cappadocia region of Turkey in Central Anatolia.

It is young university.

10000 student.

250 academic person.

New international connections aimed.

Okan University

Organisation Name

Country	Turkey
City	Istanbul
Street	Tuzla Kampusu, Akfirat, Tuzla
Website	www.okan.edu.tr
Phone	
Organisation Type	University

Person

Name	Burak Kelleci
Email	burak.kelleci@okan.edu.tr
Job Position	Department Head

Organisation Details

Okan University is one of the biggest university in Turkey with over 20000 students and various faculties. College of engineering has various engineering programs, such as electrical and electronics engineering, mechatronics, mechanics, and etc. Electrical and electronics engineering department has various following working groups; Power Electronics, communication and very large scale integrated circuits (VLSI). The VLSI group works on analog and digital circuits. The primary focus of the group is digital signal processing algorithms, digital noise mitigation techniques, power management circuits, and mitigation of analog circuit imperfections using digital signal processing techniques.

Areas of Activity

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

AMASYA VALİLİĞİ

Organisation Name

Country	Turkey
City	AMASYA
Street	Kirazlıdere mah.
Website	http://amasya.gov.tr
Phone	
Organisation Type	Authority/Government

Person

Name	FATMA KETEN
Email	fatma_keten@hotmail.com
Job Position	Coordinator

Organisation Details

The governor of amasya foreign relations and european union coordination center...

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

RTM Electronics

Organisation Name

Country	Turkey
City	ISTANBUL
Street	ORNEK MH ALI FUAT CEBESOIY CAD YAMAC SK No:1/2-3-4
Website	www.rtmelektronik.com.tr
Phone	
Organisation Type	Company

Person

Name	OMER OZAN KIRGIN
Email	ozan.kirgin@rtmelektronik.com.tr
Job Position	R&D Engineer

Organisation Details

Our firm has established 1993's and started doing business. RTM Electronics that working on lightning sector, is competing with it's expert staff and products with high quality to be the leadership in sector. RTM electronics produce their own products such as designing and producing with the importance that they give on ar-ge workings.

RTM Electronics which specialized on electronic ballasts, electronic transformers, dimmers and remote control systems, is rapidly increasing it's market share with it's quality policy and support service after sale.

Today RTM Electronics that creates products to the whole country, started to be a brand by acquiring quality image with it's investments especially on electronic ballasts.

With a decision which was taken by European Union from 2005, there are a restriction because of the high consumption of magnetic ballasts which using on fluorescent lights that prefers intensely in lightning sector.

By investing to this subject, RTM Electronics designs and produces electronic ballasts which provides energy savings and decreases the maintenance expenditures and also concentrate to be an international firm on this subject.

Areas of Activity

Big Data and Content

- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Heat and Mass Transfer Technological Center (CTTC) / Universitat Politècnica de Catalunya-BarcelonaTech (UPC)

Organisation Name

Country	Spain
City	Terrassa
Street	Colom 11
Website	www.cttc.upc.edu
Phone	
Organisation Type	University

Person

Name	Deniz Kizildag
Email	deniz@cttc.upc.edu
Job Position	PhD Researcher

Organisation Details

The Heat and Mass Transfer Laboratory of the Universitat Politècnica de Catalunya·BarcelonaTech (UPC), also constituted as Heat and Mass Transfer Technological Center, Centre Tecnològic de Transferència de Calor (CTTC), Thermal Systems, Solar Energy development and Aerodynamics and CFD&HT, is situated in Terrassa, a town located 25 km away from Barcelona. The Laboratory is composed by 6 professors, 12 doctor researchers, 33 researchers and 4 technicians to support the Research, all these members of the staff working full time.

The research activities are focused on two main lines. The first one is dedicated to the *mathematical formulation, numerical resolution and experimental validation of fluid dynamics and heat and mass transfer phenomena*. Some issues in this line are: natural and forced convection, turbulence modelling, combustion, two-phase flow, solid-liquid phase change, radiation, porous media, numerical algorithms and solvers, high performance computing (parallelisation), etc. The second line involves the application of the acquired know-how from the basic studies mentioned above to the *thermal and fluid dynamic optimisation of thermal system and equipment*.

Within this second line the Laboratory is working on: refrigeration (vapour compression refrigerating systems, hermetically sealed reciprocating compressors, absorption refrigerating systems,...), HVAC (ventilation, diffusion of contaminants in buildings,...), active and passive solar systems (solar collectors using transparent insulation materials, building facades with transparent layers and ventilation,...), heat exchangers (gas liquid compact heat exchangers for automobile radiators, evaporators and condensers,...), heat storage (by liquids and using phase change materials,...), aerodynamics, wind energy, etc.

Currently different research projects are being developed in CTTC on the subjects of numerical heat transfer and computational fluid dynamics, turbulence modelling, liquid and phase-change storage systems, solar energy (active and passive systems), building facades with transparent layers and ventilation, vapour compression refrigerating systems (non-contaminant refrigerants), among others.

Areas of Activity

Big Data and Content

- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)

Cooperation Profiles

Partner: [ICT-05-2017: Customised and low energy computing \(including Low power processor technologies\)](#)

CTTC is expert in thermal management of different components, having participated in EU projects and submitted proposals for different projects where the main role of the Group consisted in the design and optimization of different components from a thermal point of view. CTTC is ready to contribute to projects involving low energy computing.

Partner: [ICT-15-2016-2017: Big Data PPP: Large Scale Pilot actions in sectors best benefit-](#)

ting from data-driven innovation

CTTC has strong ties with the energy sector of EU, having participated in different projects within the framework of Large Scale Pilot actions, thus having key capabilities in order to be an added-value partner in projects of this call.

Partner: ICT-17-2016-2017: Big data PPP: Support, industrial skills, benchmarking and evaluation

In line with the expertise for ICT-15-2017, CTTC hopes to contribute also within this call, by means of a benchmarking action with an emphasis on energy efficiency.

Partner: ICT-30-2017: Photonics KET 2017

Within this call, CTTC hopes to contribute, by means of close collaboration with a chip manufacturer partner, in assuring the energy efficiency of the Photonic integrated circuit (PIC) technology.

Koban Strategic Information Technologies

Organisation Name

Country	Turkey
City	Samsun
Street	55055
Website	www.kobansbt.com
Phone	
Organisation Type	SME

Person

Name	Bilal Kobanoglu
Email	bilal.kobanoglu@kobansbt.com
Job Position	ICT Consultant



Organisation Details

Kobansbt gives consultant services to his clients for determining their exact need of information systems in the terms of purchasing and developing. Kobansbt develops special solutions of information systems for his clients. It gives consultant services for making clients' business process effective and efficient.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Coordinator: [Next Generation Internet](#)

Research and development of new innovative idea to make world's economy better.

PLANET SA

Organisation Name

Country	Greece
City	ATHENS
Street	LOUISE RIENCOURT 64
Website	www.planet.gr
Phone	
Organisation Type	Company

Person

Name	RAFAIL KOUMERI
Email	rcoum@planet.gr
Job Position	DIRECTOR OF EU R&I PRO-GRAMMES



Organisation Details

PLANET GROUP is an international group of consulting companies specialised in supporting public and private organisations to strengthen institutional capacity, implement operations improvement and manage complex projects.

The Group consists of affiliated **companies, branches and offices** in Greece (Athens, Thessaloniki), Brussels, Bulgaria, Romania, Croatia, Turkey, Albania, Bosnia & Herzegovina, Serbia, Montenegro, Kosovo, Skopje, Moldova, Lebanon, Jordan, Iraq and Nigeria.

PLANET S.A. (<http://www.planet.gr/>) is the largest company of PLANET GROUP and the leading consulting company in South Eastern Europe and Eastern Mediterranean. It is privately owned, having as shareholders its top management and the National Bank of Greece. Since 1987, PLANET has been present in most major interventions, transformations and infrastructure investments, supporting clients across all sectors of the economy and the public sector.

PLANET TURKEY S.A. (<http://www.planet-turkey.com/>) is a Turkish company, with a long history and presence in Turkey and the neighbouring region since 2000. It provides successful and value-added solutions in the field of Management & ICT consulting, as well as Project Management services to private companies and government agencies, and undertakes major International donor-funded projects. Planet Turkey's HQs are located in Ankara.

PLANET TURKEY Anatolia Office is a branch office of Planet Turkey, established in Van to efficiently coordinate the company's activity in Eastern Turkey through a close interaction with the regional bodies.

PLANET GROUP **Services** include Strategy & Finance; Management Consulting; ICT Consulting; Development Consulting; Infrastructure Development, which cover a wide range of **Industries**, including Transport & Civil Infrastructure; Energy, Water & Environment; Urban, Real Estate & Cadastre Development; Financial Institutions; Tourism & Leisure; Telecoms, Information, Media & Electronics; SME's; Retail & Consumer Goods; Industry & Manufacturing; Government & Regional Administration; Education; Research & Innovation; Employment, Social Security & Health; Defense.

The **staff** of the group exceeds 150 highly skilled professionals.

PLANET GROUP's **international experience** record includes hundreds of international projects, implemented in more than 30 countries.

Areas of Activity

Big Data and Content

- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)

- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)

Cooperation Profiles

Partner: [ROBOTICS SMEs and how to identify the market needs](#)

With Reference to the Call ICT-27-2017: System abilities, SMEs & benchmarking actions, safety certification Facing increased competitive pressures due to globalization and increased quality requirements from their customers, SMEs specialised in manufacturing technology must increase their productivity and their competitiveness in order to survive and prosper. They must also diversify their products and consider the urgent need of the development of Robotics However to enter successfully this market segment requires a good understanding of the needs of the client industry by comparing a firm's business practices and performance with those of a group of comparable firms which have introduced robotics , or with those of firms that are recognised for their excellence - that is, to "benchmark" the organisation. As management challenges have increased in complexity, benchmarking has become a strategic tool for organisations, both large and small, and for governments seeking to assist them. PLANET being for years in the forefront of the Strategy & Finance; Management Consulting, covering a wide range of Industries, including Financial Institutions; Telecoms, Information, Media & Electronics, Industry & Manufacturing is interested and has the expertise to work as part of this benchmarking and market assessment activity.

University of Passau

Organisation Name

Country	Germany
City	Passau
Street	Innstrasse 43
Website	www.uni-passau.de
Phone	
Organisation Type	University

Person

Name	Adamantios Koumpis
Email	adamantios.koumpis@gmail.com
Job Position	Research Fellow

Organisation Details

Our Lehrstuhl für Informatik mit Schwerpunkt Digital Libraries and Web Information Systems exhibits excellence in (a) semantic technologies with a specialisation in distributional semantics and (b) natural language processing with a specialization in statistical based NLP.

Currently we participate in two H2020 projects:

-MARIO project <http://www.mario-project.eu/> (robot applications for persons with dementia)

-SSIX project <http://www.ssix-project.eu/> (social semantic indices for SMEs)

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)

Cooperation Profiles

[Coordinator: ICT-14-2016-2017: Big Data PPP: cross-sectorial and cross-lingual data integration and experimentation](#)

Objectives: -to maintain referential regulatory transnational data facilitating business within the supply chain of cosmetic / food / pharma / chemicals sectors -same data partially enriched could be used for the food sector and so forth. -In that chain there are a big amount of data needed to verify the quality of products and processes at each stage : •Specifications to follow •Regulatory constraints •Manufacturing good practices •Raw material traceability Expected results: -Deployment in different languages -Synthesis of various specifications results to support management of data comprising regulatory and other conformance criteria issued by different authorities in various countries of Europe or elsewhere (USA, Asia,...) including also non regulatory data that are mostly chemical families of substances, provided from raw materials traceability, etc. -The industrial users at a specific level of the supply chain should be able to downstream own information towards the Purchasers or upwards to their Suppliers

ETKIN PROJE

Organisation Name

Country	Turkey
City	ISTANBUL
Street	DEĞİRMEN SOK
Website	
Phone	
Organisation Type	Consulting

Person

Name	ÇAĞRI KOÇ
Email	cagri.koc@etkinproje.com
Job Position	R&D PROJECT MANAGER

Organisation Details

Etkin Proje is a leading consulting firm that offers end-to-end services on R&D Project Management as well as Incentives

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

TÜBİTAK BİLGEM KAMUSM

Organisation Name

Country	Turkey
City	KOCAELI
Street	Gebze
Website	
Phone	
Organisation Type	Authority/Government

Person

Name	yahya koç
Email	yahya.koc@kamusm.gov.tr
Job Position	Yazılım Geliştirme ve Uygulama Destek Bölümü Yöneticisi

Organisation Details

TÜBİTAK BİLGEM KAMUSM

Cooperation Profiles

[Partner: TÜBİTAK BİLGEM KAMUSM](#)

Turkcell Teknoloji Araştırma ve Geliştirme A.Ş.

Organisation Name

Country	Turkey
City	İstanbul
Street	Küçükyalı
Website	
Phone	
Organisation Type	Company

Person

Name	Selda Koçak
Email	selda.kocak@turkcell.com.tr
Job Position	R&D Manager



Organisation Details

Turkcell Teknoloji, a wholly owned subsidiary of Turkcell, commenced operations in 2007 in the TUBITAK Marmara Research Center Technological Free Zone in Kocaeli, Turkey. In 2015, Turkcell Teknoloji consolidated its operations in Küçükyalı Ofispark Plaza, Maltepe, Istanbul, Turkey. Turkcell Teknoloji's new R&D center employs 700+ researchers (excluding part-time employees) who have been accredited by the Ministry of Science, Technology and Industry. Turkcell Teknoloji's established team of experts develops a wide range of convenient and reliable solutions with innovative roadmaps. Through integrated intelligence and high-performance capabilities, Turkcell Teknoloji's comprehensive portfolio addresses the following domains: SIM asset and services management, location-based services, value-added services, roaming solutions, big data processing, business intelligence applications, CRM solutions, network management, mobile finance, terminal applications, cloud solutions, mobile marketing machine-to-machine communication technologies and revenue management solutions.

TURKCELL Technology is standing out as one of Turkey's leading R&D and innovation companies. The emergence of many critical and relatively new forces in the IT world is stretching the capacity of IT beyond its limits. The benefits of transitioning existing technology projects and skills to a consumerized style will be realized through coordinating the use of technology and collaboration. Digital era is the new age ahead of us. In this era, new collaboration models will define the competition, within this approach "Networked R&D" is the dynamo of this eco-system. We define our collaboration eco-system by bringing actors from different expertise from all over Europe to complete ours. Turkcell Technology is board member of two important industry driven Eureka clusters, ITEA and CELTIC Plus. As a board member, Turkcell gives strategic direction to these bodies and also takes part in highly competitive R&D projects.

Cooperation Profiles

[Partner: Big Data / IoT](#)

ford otosan

Organisation Name

Country	Turkey
City	gölcük kocaali
Street	deniz evler mah. ali uçar caddesi
Website	
Phone	
Organisation Type	Company

Person

Name	ayşegül koçan
Email	aysegul.kocan@hotmail.com
Job Position	industrial engineer

Organisation Details

automotive sector and production scheduling issues

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Yeditepe University

Organisation Name

Country	Turkey
City	istanbul
Street	Bilgisayar Muhendisligi Bolumu Kayisdagi Cad
Website	http://ris.yeditepe.edu.tr
Phone	
Organisation Type	University



Person

Name	Ayse Kucukyilmaz
Email	aysekyz@gmail.com
Job Position	Assistant Professor



Organisation Details

Yeditepe University, established in 1996, is a non-profit university supported by the ISTEK Foundation. All schools and faculties are located at the main campus in Kayisdagi, covering approximately 125,000 square meters of an area, except the Faculty of Dentistry, which is located in Goztepe. Yeditepe University is the largest private university in Turkey with Yeditepe University is the largest private university in Turkey with 18,898 students, 948 full-time faculty members, and 63 departments in 13 faculties (Engineering, Architecture, Medicine, Pharmacy, Dentistry, Health Sciences, Law, Arts and Science, Commerce, Communication, Economics and Administrative Sciences, Education, Fine Arts) and the School of Vocational Studies. The university has three hospital sites, and the main Yeditepe University Hospital was recently listed as an A-class hospital with its exceptional facilities and service in Turkey. The university has also established 6 institutes (Institute of Science and Engineering, Institute of Educational Sciences, Health Sciences Institute, Institute of Social Sciences, Ataturk's Principles and History of the Turkish Revolution Institute and the Institute of Biotechnology) and currently has 3201 M.S. and M.A. and 1092 Ph.D. students.

Areas of Activity

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)

Cooperation Profiles

[Partner: Adaptive Techniques for Collaborative Robots](#)

I am interested in participating in a network, focused on building adaptive techniques on collaborative robotic scenarios. My research interest is on personal robotic systems that can be used home/daily use, however I am also interested in industrial co-manipulation scenarios, where the robot works on a one-to-one basis with a human. I am interested in building adaptive guidance mechanisms that allow the robot to work most effectively with a human.

[Partner: User Modeling for Assistive Robotics](#)

I am interested in assistive robotics technologies, such as intelligent wheelchair. My research focuses on user modeling techniques to decide on the amount of appropriate assistance in real time. The aim is to enable a robot to understand the needs and capabilities of the user it interacts with and act proactively to present the most effective assis-

tance.

Partner: Augmented Reality in Human-Robot Interaction

I am interested in involving in a project, where augmented reality techniques will be explored to facilitate the human-robot interaction. Typical scenarios can be collaborative and assistive as well as rehabilitation robotics. I would be interested in conducting user studies to attack the HCI aspects of the research.

Teamnet is Çözümleri

Organisation Name

Country	Turkey
City	Istanbul
Street	Mustafa Izzet efendi sokak no:9/1
Website	www.teamnet.ro/tr
Phone	
Organisation Type	Company

Person

Name	Ahmet Kuralkan
Email	ahmet.kuralkan@teamnet.ro
Job Position	Sales Manager

Organisation Details

We participate/participated in more than 20 European R&D projects

We have 5 ongoing H2020 projects (underwater systems of robots, industrial robots for manufacturing and parts reparation, cloud services for trucks transport, monitoring naval transportation, emergency real time systems)

We are interested in the Internet of Things, Security, eHealth, big data, cloud, emergency projects

We can be a part of the software development, integration. We can be an Work Package leader and we can bring valuable members to a consortium.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Istanbul Şehir University

Organisation Name

Country	Turkey
City	İstanbul
Street	Kusbakısı
Website	http://www.sehir.edu.tr/en/Pages/home.aspx#
Phone	
Organisation Type	University

Person

Name	Ceren Kutlu
Email	cerenkutlu@sehir.edu.tr
Job Position	Sponsored Project Specialist

Organisation Details

Established in 2008 by the Foundation for Science and Arts (BISAV), İstanbul Şehir University (ŞEHİR) has accepted its first students in 2010-11. ŞEHİR has a solid foundation of knowledge in the areas of social sciences and humanities while it expands its research potential towards Engineering and Natural Sciences.

ŞEHİR has established an array of cross-disciplinary departments and graduate schools with an integrated agenda of (re)search for true knowledge, innovation for sustainability and service for society.

İstanbul Şehir University Technology Transfer Office is established in 2011 and is currently one of 25 TTOs supported and sponsored through the special grant by The Scientific and Technological Research Council of Turkey (TÜBİTAK). ŞEHİR TTO is comprised of 8 personnel who are working in 4 departments:

- Sponsored Projects
- Industry-University Alliances
- IP & Commercialization
- Technological and Social Incubation @ incuba.city, which is the incubation center within ŞEHİR TTO

Areas of Activity

Big Data and Content

- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

AGEM INFORMATION TECHNOLOGIES CONSULTANCY TRAINING SERVICES LTD.

Organisation Name

Country	Turkey
City	Ankara
Street	Cyberplaza A Blok No:406 Bilkent Çankaya
Website	www.agem.com.tr
Phone	
Organisation Type	SME

Person

Name	Hakan Kuzucu
Email	hakan.kuzucu@agem.com.tr
Job Position	Sales and Business Development Director

Organisation Details

AGEM, founded in 2005, develops ready to use IT solutions, R&D based products focused on new generation technologies. Our expertise is J2EE, web/mobile technologies, Linux distributions, database management systems and open source software.

AGEM, through the implementation of LiderAhenk project, is currently an integral part of the community & developers who are constructing required infrastructure for migration to open-source software (Pardus OS) at the public sector of Turkey.

AGEM implemented Arya Project with TÜBİTAK funding within 2015. Within the scope of the project, Arya methodology has been developed. Arya is a roadmap for developers by its approach to architecture, application development, migration procedures and institutional policies, with the support of the including solutions.

Among our main products; LUCA: Central Accounting System and ASYA: AGEM Labour Union Software takes place.

AGEM has more than 8 years of experience in implementation of IPA projects at ICT domain.

For more information please visit www.agem.com.tr

Contact us via E-mail: ajdan.kucukciftci@agem.com.tr, Mobile: +90 5064373748

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Istanbul Technical University, Informatics Institute

Organisation Name

Country	Turkey
City	istanbul
Street	maslak
Website	web.itu.edu.tr/kulekci
Phone	
Organisation Type	University

Person

Name	Oğuzhan Külekci
Email	kulekci@itu.edu.tr
Job Position	Assoc. Prof



Organisation Details

Istanbul Technical University, Informatics Institute

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

[Partner: Big Data Security with Much Less Encryption](#)

Due to the relatively heavy computational load of the encryption process, providing data security with less encryption makes sense in resource limited environments, particularly with the aim to increase the battery life. I have developed a method that reduces the amount of required encryption operations by 60 to 90 percent while still providing provable security on large random sequences. This is a new alternative to selective (partial) encryption process. The difference is in selective encryption only the selected sections of the data are secured, while in our method complete security of the whole data is proved with around 10% encryption of the data. This method makes sense when one needs to securely transfer a massive amount of data in a resource limited environment, such as the sensor networks, mobile devices, unmanned aerial vehicles. The method fits well to all situations, where the previous state-of-the-art, the selective encryption is used. Yet another example usage is in terms of digital right management, where basically the video data, which is one of the largest sources of big data, has to be transferred securely. In IoT concept, the method fits well where the limited-battery nodes would like to make secure communications with the center. The patent application regarding the invention has been filed. I have some academic sources that can be shared with the interested participants. I seek the opportunities to join a project where a necessity in secure transmission of massive data appears in terms of energy saving for longer battery life or reducing the complexity of the encryption process to save time.

Ford OTOSAN

Organisation Name

Country	Turkey
City	Kocaeli
Street	Gölcük
Website	
Phone	
Organisation Type	Company

Person

Name	fatih küçükahmetođlu
Email	fkucukah@ford.com.tr
Job Position	Supervisor

Organisation Details

Automotive Company

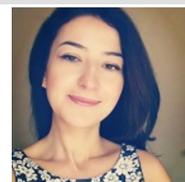
AGEM INFORMATION TECHNOLOGIES CONSULTANCY TRAINING SERVICES LTD.

Organisation Name

Country	Turkey
City	Ankara
Street	Cyberplaza A Blok No:406 Bilkent Çankaya
Website	www.agem.com.tr
Phone	
Organisation Type	SME

Person

Name	Ajdan Küçükçiftçi
Email	ajdan.kucukciftci@agem.com.tr
Job Position	Project and Business Development Director



Organisation Details

AGEM, founded in 2005, develops ready to use IT solutions, R&D based products focused on new generation technologies. Our expertise is J2EE, web/mobile technologies, Linux distributions, database management systems and open source software.

AGEM, through the implementation of LiderAhenk project, is currently an integral part of the community & developers who are constructing required infrastructure for migration to open-source software (Pardus OS) at the public sector of Turkey.

AGEM implemented Arya Project with TÜBİTAK funding within 2015. Within the scope of the project, Arya methodology has been developed. Arya is a roadmap for developers by its approach to architecture, application development, migration procedures and institutional policies, with the support of the including solutions.

Among our main products; LUCA: Central Accounting System and ASYA: AGEM Labour Union Software takes place.

AGEM has more than 8 years of experience in implementation of IPA projects at ICT domain.

For more information please visit www.agem.com.tr

Contact us via E-mail: ajdan.kucukciftci@agem.com.tr, Mobile: +90 5064373748

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: Offering expertise in J2EE, web/mobile technologies, Linux distributions, database management systems and open source software

AGEM is an information technology, software and training services company which was established in 2005. Currently, AGEM has a talented core development and management team composed of 16 employees most of which are MSc. Degree Computer Engineers from reputable universities of Turkey. As Agem, we provide innovative and tailor-made solutions in line with the needs of our customers from wide range of sectors, in cooperation with our local and interna-

tional business partners. Our company develops ready to use information technologies solutions, research and development based products focused on the new generation technologies. Our expertise is J2EE, web/mobile technologies, Linux distributions, database management systems and open source software. AGEM has participated to implementation of several EU-TR co-financed IPA projects at ICT domain at the public sector of Turkey with several international consortia. We are looking for consortium/project idea to which we can allocate our competencies and experience in the above referred areas including but not limited to following calls: CO-CREATION-04-2017 CO-CREATION-06-2017 EE-06, 07, 12 & 20 ICT-14-2016-2017 ICT-15-2016-2017 ICT-16-2017 ICT-17-2016-2017 ICT-23-2017 IoT-03-2017 SME-inst-01-2016-2017

Netaş

Organisation Name

Country	Turkey
City	Istanbul
Street	Yenişehir Mah. Osmanlı Bulvarı No:11
Website	
Phone	
Organisation Type	Company

Person

Name	Yağmur Kırkağaç
Email	yagmur@netas.com.tr
Job Position	Software Design Engineer



Organisation Details

Netaş is a sector leader of Turkey with strong R&D capabilities on Telecommunication and ICT products and solutions for more than 1500 domestic and international customers from America, Europe, Africa and Asia with 20% YOY CAGR. Netaş awarded company on 'Best Telecommunication R&D' and 'Best R&D employment' of Turkey by Ministry of Science, Industry and Technology.

Netaş achieving high quality R&D results, with its VoIP multimedia labs, which are among the top ten in the world, and a track-record of 43 years in telecommunications R&D and investments on 4G, 5G, IOT, Cyber Security, Core Switching, Evolved Packet Core Technologies. The company provides innovative end-to-end value-added systems integration and technology services in the fields of information and communications technologies. Its customers range from telco providers to public and private enterprises in domestic and international markets. Netaş charts its vision to become Turkey's and Region's #1 systems integrator working as per global standards.

Furthermore, with 800+ R&D engineers and 2200+ employees, Netaş provides a wide array of services to enterprises functioning in various vertical segments, particularly telco providers and those in finance, general industry and defense sectors. Netaş also nurtures strategic partnerships with global technology giants to provide its customers an insight to help them keep pace with and adopt more efficiently the latest developments in the field of ICT, and continues to develop software solutions for more than 200 global operators.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: Netaş

Netaş is a sector leader of Turkey with strong R&D capabilities on Telecommunication and ICT products and solutions for more than 1500 domestic and international customers from America, Europe, Africa and Asia with 20% YOY CAGR. Netaş awarded company on 'Best Telecommunication R&D' and 'Best R&D employment' of Turkey by Ministry of Science, Industry and Technology. Netaş achieving high quality R&D results, with its VoIP multimedia labs, which are among the top ten in the world, and a track-record of 43 years in telecommunications R&D and investments on 4G, 5G, IOT, Cyber Security, Core Switching, Evolved Packet Core Technologies. The company provides innovative end-to-end value-added systems integration and technology services in the fields of information and communications technologies. Its customers range from telco providers to public and private enterprises in domestic and international

markets. Netaş charts its vision to become Turkey's and Region's #1 systems integrator working as per global standards. Furthermore, with 800+ R&D engineers and 2200+ employees, Netaş provides a wide array of services to enterprises functioning in various vertical segments, particularly telco providers and those in finance, general industry and defense sectors. Netaş also nurtures strategic partnerships with global technology giants to provide its customers an insight to help them keep pace with and adopt more efficiently the latest developments in the field of ICT, and continues to develop software solutions for more than 200 global operators.

Istanbul University Technology Transfer Office (Istanbul TTO)

Organisation Name

Country	Turkey
City	ISTANBUL
Street	İstanbul Üniversitesi Avcılar Yerleşkesi ARGEM Binası 1. Kat PK 34320 Avcılar / İstanbul
Website	
Phone	
Organisation Type	University

Person

Name	Büşra Kırkpınar
Email	busra40pinar@gmail.com
Job Position	EU projects supervisor

Organisation Details

ABOUT US

Istanbul University Technology Transfer Office, Istanbul TTO in short, aims to transform knowledge into new and competitive products and the creation of added value, transfer it to the industry, and commercialize it to increase the number of licensable patents by collecting the accumulation of science, technology transfer and innovation accumulation of the University within the framework of a central body. To this end, Istanbul TTO aims to increase the technological and innovative research and development capabilities of public and private sector establishments.

By providing the technology transfer in the individual, corporate, regional, national, and international level with its activities, Istanbul TTO, acts to increase the competitiveness of the state in the international field by contributing to enriching the knowledge accumulation, strengthening technology development, and creating a technology development and innovation culture.

AREAS OF ACTIVITY

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Robotics and Autonomous Systems

- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Proline Bilişim Sistemleri ve Tic. A.Ş.

Organisation Name

Country	Turkey
City	İstanbul
Street	Serifali Mah.
Website	www.pro-line.com.tr
Phone	
Organisation Type	SME

Person

Name	Taylan Lakerta
Email	taylan.lakerta@pro-line.com.tr
Job Position	R&D Project Specialist



Organisation Details

Proline Integrated Intelligence (Proline) was established in 2003, as a system integrator as well as a self-developer of its own city security system, iSIM platform and GIS platform, KTP and since 2011 the R&D Center awarded by Ministry of Science, Industry and Technology developing innovative projects supported by national and international funds, collaborating with international partners advance in the project of Itea2, Eureka and other clusters, and continuing its all operations in İstanbul as headquarters, Ankara, Qatar and Pakistan regions as well.

Proline has a service organization in 81 cities all over Turkey, with the professional team consisting of 50 expert engineers, nearly 100 higher educated, and with the independent contractors, 170 experts in total. Our concept is Safe & Smart Cities and we have making research and development studies based on these subjects;Advanced Communication Solutions, GIS, Big Data and Biometrics Solutions.

Areas of Activity

Big Data and Content

- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: [Internet of Things/ R&I on IoT integration and platforms](#)

-Analysis of data sources-Data protection-Data privacy-Cyber/ Physical Security-Biometrics-Physical Security Information Management-Developing software-Modelling-Coordination, management, processes

AGH University of Science and Technology

Organisation Name

Country	Poland
City	Kraków
Street	al. Mickiewicza 30
Website	http://www.agh.edu.pl/en/
Phone	+48 12 617 32 81
Organisation Type	University



Person

Name	Mikołaj Leszczuk
Email	leszczuk@agh.edu.pl
Job Position	Assistant professor



Organisation Details

AGH University of Science and Technology is one of the best and most renowned modern Polish universities. For many years it has been ranked in the top of the list of institutions of higher education. AGH UST is a leading Polish university in modern technologies, and belongs to a group of prestigious international educational centres.

The AGH University of Science and Technology, established on 20th October, 1919, until 1949 known as the Academy of Mining, founded after long-lasting endeavours which had started in 1782, the date when the Ore Commission was established, has been continuing the traditions of the Academy of Mining in Kielce (1816-1827), inaugurated by Stanisław Staszic. The university, being a technical school, serves science and industry through educating students, the development of academic staff, as well as research and development. The university cherishes its traditions and educates students to be honest, responsible people both at work and as the members of the society, according to its motto: "Labore creata, labori et scientiae servio" (Created in labour, I serve labour and science).

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Coordinator: [Visual Analytics in Big Data for Managing Urban Development](#)

Big data is a term for data sets that are so large or complex that traditional data processing applications are inadequate.

quate to deal with them. Several (smart) cities nowadays, provide open big data sets to make the municipal governments open, accessible and transparent. A smart city is an urban development vision to integrate multiple Information and Communication Technology (ICT) and Internet of Things (IoT) solutions in a secure fashion to manage a city's assets - the city's assets include, but are not limited to, local departments' information systems, schools, libraries, transportation systems, hospitals, power plants, water supply networks, waste management, law enforcement, and other community services. The goal of building a smart city is to improve Quality of Life (QoL) by using urban informatics and technology to improve the efficiency of services and meet residents' needs. QoL is the general well-being of individuals and societies, outlining negative and positive features of life. The term QoL is also used by politicians and economists to measure the livability of a given city. The goal of the proposed project is to maximize QoL of smart cities by providing big data visual analytics methods allowing municipal authorities for citizen-oriented decision-making under various conditions of uncertainty. The project methodology expects research on provided simulated or real smart city open big data, like air pollution dispersal or traffic, posing questions requiring decision-making under uncertainty. Based on the principles of visualisation, the big data will be visualised using augmented reality. Then, visual analytics methods will be applied in order to make better decisions. The outcome of the project will be methods for better decision-making. Better decision will lead to a higher QoL of the smart city. The consortium misses enough experience and expertise with respect to big data visualisation using augmented reality. Therefore, a new partner is sought.

Lostar Bilgi Güvenliđi

Organisation Name

Country	Turkey
City	İstanbul
Street	İbrahim Ađa sk 10/5 Kadıköy
Website	www.lostar.com
Phone	
Organisation Type	SME

Person

Name	Murat Lostar
Email	murat.lostar@gmail.com
Job Position	CEO



Organisation Details

Lostar has been offering consultancy, training and auditing services in IT governance, risk and compliance (IT-GRC) since 1998. The Company is specialized in ensuring the continuity and security of information, an asset with increasingly growing value, as well as providing its regulatory compliance. The primary objective is to offer solution-oriented services with its multi-disciplinary team, which is able to provide brand-independent service. Lostar is Turkey's leading firm in COBIT-related activities and CISA training programs, and offers a methodology that ensures human-independent and permanent information security management systems (ISMS) that also guarantee conformity with ISO 27001, and Security Checkup services that reveal security vulnerabilities.

To be completed

Cooperation Profiles

Partner: [ICT/Cyber-Security Expertise Offering](#)

Our Istanbul/Turkey based engineering SME has expertise on cyber-security. We can create security and cyber-risk assurance for any software, IoT system. Please contact us for more information.

Faculty of Sciences of Sfax

Organisation Name

Country	Tunisia
City	Sfax
Street	Route de Soukra Km 4
Website	http://www.fss.rnu.tn/index.php?item=24
Phone	
Organisation Type	University



Person

Name	Noureddine Loukil
Email	noureddine.loukil@gmail.com
Job Position	Assistant professor



Organisation Details

The Faculty of Sciences of Sfax (FSS) offers a multidisciplinary environment and houses six departments and a graduate school. With over 6,000 students, the Faculty of Sciences of Sfax is one of the major institutions of the University of Sfax (US).

The lessons are taught by about 400 teachers who, by their competence, ensure the quality and relevance of training. Experts and professionals often contribute to these teachings. Our doctorates are based on 25 research structures: research units, research laboratories and units of common services in all areas presented by the faculty.

FSS (<http://www.fss.rnu.tn/index.php?item=24>)

US (<http://www.uss.rnu.tn>)

ICT Scope Departments:

- Computer Science and Telecommunications
- Instrumentation and Industrial Maintenance

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

[Coordinator: Monitoring and assessment of reduced mobility in the elderly and accident victims using machine learning and wearable IoT](#)

Reduced mobility is among the sad facts coming with age or resulting from road or professional accidents. As the age-

ing population is expected to grow especially in developed countries, the cost of healthcare installations either in pension houses or in rehabilitation centers is expected to be an increasing burden on health budgets. One solution to this problem is to provide a set of tools that enable the healthcare staff to remotely monitor and assess the mobility of patients and to predict the evolution of their health. The main objective of the project is to design smart learning back-end services and IoT applications to enable healthcare providers such tools based on accelerometer data collection and machine learning algorithms that can individually assess the eventual improvement of the overall mobility of the patient. This IoT based system will permit to reduce the number of visits to the medical centers and enable to establish a personalized monitoring of patient mobility at a lower cost. The expected results from the project: - Continuous mobility (accelerometer and gyrometer) data intelligent gateway service. - Sophisticated mobility data annotation tools used by healthcare specialists. - Supervised learning assessment service based on mobility big data

Glushkov Institute of Cybernetics NAS of Ukraine

Organisation Name

Country	Ukraine
City	Kyiv
Street	40, Glushkov ave.
Website	http://icyb.kiev.ua
Phone	
Organisation Type	R&D Institution

Person

Name	Andrii Malenko
Email	malenko.andrii@gmail.com
Job Position	Senior Researcher



Organisation Details

Glushkov Institute of Cybernetics (GIC) of National Academy of Sciences of Ukraine (NASU) is a widely known in Ukraine and abroad scientific center for solution of fundamental and applied problems in computer science and engineering.

GIC is a developer of the fastest Ukrainian supercomputer SCIT-4 and one of the mainframes of Ukrainian GRID super-computing network which takes part in European Grid Infrastructure projects.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Cooperation Profiles

[Coordinator: Pixelated Realities: Platform for Cultural Heritage Preservation](#)

Problem Cultural heritage objects (further CHO), especially architecture and sculptures have a recurrent problem of erosion and destruction, including natural causes like rain, fire and artificial ones like improper handling, intentional demolition, terrorism, military conflicts, religious reasons. The classic restoration and reconstruction processes based on blueprints and master models are often slow, inefficient and result in deviations from historical original. Most of historical buildings and monuments do not have digital facade passport, like photo fixation, 3d models, and GIS (geo-information system) interconnection. Idea We aim to create a platform which will combine the efforts of volunteers, architects, historians, urbanists, and municipalities in order to collect a massive pool of digital data of endangered cultural heritage and places which require revitalization. The datasets will contain photogrammetry photo material, point clouds, 3d models with texture and GIS metrics of the object. These 3d scan materials will be collected with DSLR photo cameras, laser scanners, optical depth sensors etc., and can be uploaded into the system by volunteer photographers, companies and public institutions. Intelligent image recognition software will match and process in-

coming photo and scan data, align it, update point clouds and 3d models. This allows the new level of crowdsourcing: easy to use tool for ordinary people to volunteer for cultural heritage preservation process. Technologies - High performance computer - Cloud storage - Photogrammetry - Laser scanning - Unmanned aerial vehicles - Machine Learning - Big Data methods The goals of the platform - Apply methods of information technologies and digital economy to preservation and restoration of cultural heritage. - Involve ordinary people to become collectors of digital data for 3D scanning. - Provide architects and urbanists with 3D digitized environment. These data is intended for revitalization of abandoned spaces through public project competitions and voting from inhabitants of such districts. Residents of neighbouring areas become able to feel the changes with virtual reality technologies, including tours to the projects and votings for best solutions. - Collect and process 3D models of most notable and important artworks, prepare them for digital manufacturing, restoration and reconstruction. - Effective response to deliberate or unintentional demolition of cultural heritage due to terrorism and military conflicts. - Final cloud storage of digital passports of cultural heritage objects allows to reduce storage problems, replace lost blueprints and master copies. - Allows usage for restoration and reconstruction, education, training, virtual museums, movie and game industry. Current partners - Ministry of Culture of Ukraine - Odesa State Academy of Civil Engineering and Architecture, Ukraine - Institute of Cybernetics NAS of Ukraine - Institute of Archaeology NAS of Ukraine - NGO Kyiv Smart City community, Ukraine - Museum of Tustan, Ukraine - Museum of Folk Architecture and Rural Life, Ukraine - City Says, Slovenia - International Institute of Visual Art, Poland Required partners To apply for Horizon 2020 (Smart City, Big Data, Cultural Heritage and related calls), EACEA and British Council Cultural Protection Fund calls we are looking for partners from EU and Turkey: - Software developers - Architects, urbanists - Museums - Municipalities - Consultants - Dissemination in EU

TÜBİTAK MAM Teklif ve Sözleşme Birimi

Organisation Name

Country	Turkey
City	Kocaeli
Street	Dr. Zeki ACAR CAD.
Website	
Phone	
Organisation Type	Authority/Government

Person

Name	Sinem MALKOÇ BİLGİN
Email	sinem.malkoc@tubitak.gov.tr
Job Position	Researcher

Organisation Details

TÜBİTAK MAM Teklif ve Sözleşme Birimi

Koç University

Organisation Name

Country	Turkey
City	Istanbul
Street	Rumelifeneri Yolu
Website	
Phone	
Organisation Type	University

Person

Name	Ezgi Mamus
Email	zgmamus@gmail.com
Job Position	Research Assistant

Organisation Details

Graduate School of Social Sciences and Humanities, Department of Psychology

TheMarketsTrust-Advisory

Organisation Name

Country	Luxembourg
City	Luxembourg
Street	Bld Royal 59
Website	www.themarketstrust.com
Phone	
Organisation Type	SME

Person

Name	Enricos Manassis
Email	enricos.manassis@themarketstrust.com
Job Position	CTO



Organisation Details

TheMarketsTrust is an innovative financial technology company situated at the heart of the European and global financial centre of Luxembourg. Our core competences include:

- Strategic IT Assessment, IT Architecture, Enterprise Cloud Solutions, EU's FIWARE Platform
- Design and Development of Software Solutions for Quantitative Finance & Risk Management
- "Big Data" Technology, Machine Learning and Advanced Linguistics in the Finance Domain.

We are supported by the research teams of Prof Dr. Wim Schoutens, Prof Dr Jacek Kitowski (HPC, Poland) and finally University of Luxembourg (Behavioural finance). Professor Schoutens is the leading expert in Europe in the area of valuation and risk measurement of Hybrid Securities. He has co-authored several books on the topic and has worked as an independent advisor to Tier 1 banks as well as to the European Commission.

In the aftermath of the recent financial crisis, the European Commission and the Regulatory Authorities have placed significant emphasis on Hybrid Securities as a tool to prevent future bail-outs of banks with taxpayers' money. The banks have reacted to these requirements and the number as well as the diversity of Hybrid Securities issued is increasing rapidly. For example, the total volume of Conditional Convertible Bonds, known as CoCo Bonds, a type of hybrid security, is expected to reach EUR 250 Billion by the end of 2016. TheMarketsTrust is developing a new System for Data Management, Valuation and Risk Measurement of Hybrid Securities. We are combining, in real-time:

- Advanced quantitative models applied on market data; and
- Advanced econometric models applied on fundamental data and financial reports; and
- Algorithmic analysis of news and announcements from the issuers of the securities, the regulatory agencies as well as the financial media, using, among other techniques, behavioural finance theory.

This results in a range of reliable valuation and risk measures, including ratings, for Hybrid Securities, in real- or near-time.

Our target is to disrupt the Credit Rating market, currently dominated by 3 major players.

Areas of Activity

Big Data and Content

- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

[Coordinator: ExaFin - Exacloud big data analytics for the financial industry](#)

The project will implement next generation big data analytics tools for systemic risks analysis, corporates and consumer profiling, fraud patterns detection based on advance machine learning algorithms, behavioural pattern, natural language processing and unstructured data analysis (social media, news, financial source, etc.) New platform will open data interfaces to all available information from the public as well us the private sectors (central banks, ex-

changes, private banks, etc.) The project will deploy an exascale data analytics platform and demonstrate an exascale big data analytics platform supporting multiple scenarios in the financial industry, covering country-level, corporate-level and consumer level).

University of Monastir

Organisation Name

Country	Tunisia
City	Monastir
Street	Av Taher Hadded
Website	www.um.rnu.tn
Phone	
Organisation Type	University

Person

Name	Mohsen Maraoui
Email	maraoui.mohsen@gmail.com
Job Position	Associate professor

Organisation Details

- The University of Monastir proud heritage of academic excellence dates back to its founding in 2004. Its foundation was part of the reform that the Tunisian university educational system perceived. Its creation aims at developing the service quality under decentralization, by improving the efficiency as part of a new approach that takes into account the scientific, academic and social considerations. Over the years, The University of Monastir grew and prospered, becoming one of main components of the university landscape in Tunisia.
- During the academic year 2015-2016, the University of Monastir counts 1966 Teachers and 21267 students distributed on 16 establishments

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Cooperation Profiles

Partner: [Intra/inter smart campus's collaborations Project](#)

While technology permits the development of blended learning programs, it may be challenging for instructors to transfer the interaction, support, and rigor of traditional Business and Law college curricula for the Arab and European Universities into new format. Also, we seek to identify the interests and acceptance of the blended learning approach by the target population. This is a proposal in support of intra/inter-campus collaborations between the Programs and course for the Arab, Turkish and European Universities. Our ambition is to present system for integrating various types of wireless networks and Blended Learning tools into a smart university campus to enhance communication among students, instructors, administration, local international communities and networks. Intra/inter smart campus collaborations Project is a big data project as shown in the above objectives. Also such project will process the real IoT data such as Camera Surveillances videos, courses data, instructors data, campuses data, GPS data and others

Netas Telecommunications

Organisation Name

Country	Turkey
City	Istanbul
Street	Osmanli Bulvari
Website	www.netas.com.tr
Phone	
Organisation Type	Company

Person

Name	Burak Menekse
Email	bmenekse@netas.com.tr
Job Position	Product Manager

Organisation Details

Netaş is a sector leader of Turkey with strong R&D capabilities on Telecommunication and ICT products and solutions for more than 1500 domestic and international customers from America, Europe, Africa and Asia with 20% YOY CAGR. Netaş awarded company on 'Best Telecommunication R&D' and 'Best R&D employment' of Turkey by Ministry of Science, Industry and Technology.

Netaş achieving high quality R&D results, with its VoIP multimedia labs, which are among the top ten in the world, and a track-record of 43 years in telecommunications R&D and investments on 4G, 5G, IOT, Cyber Security, Core Switching, Evolved Packet Core Technologies. The company provides innovative end-to-end value-added systems integration and technology services in the fields of information and communications technologies. Its customers range from telco providers to public and private enterprises in domestic and international markets. Netaş charts its vision to become Turkey's and Region's #1 systems integrator working as per global standards.

Furthermore, with 800+ R&D engineers and 2200+ employees, Netaş provides a wide array of services to enterprises functioning in various vertical segments, particularly telco providers and those in finance, general industry and defense sectors. Netaş also nurtures strategic partnerships with global technology giants to provide its customers an insight to help them keep pace with and adopt more efficiently the latest developments in the field of ICT, and continues to develop software solutions for more than 200 global operators.

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Sampas Nanotechnology

Organisation Name

Country	Turkey
City	Istanbul
Street	Beykoz
Website	
Phone	
Organisation Type	SME



Person

Name	Mehmet Mermutlu
Email	mehmet.mermutlu@sampasnano.com
Job Position	Project Specialist

Organisation Details

SAMPAŞ Nanotechnology - a subsidiary of SAMPAŞ Information & Communication Systems - is one of the few companies that focus on commercialization of custom designed nano- and green technology solutions in Turkey. The main industrial sectors of our interest can be listed as: ceramics, glass, packaging, construction, renewable energy, waste management, plastics, textile, and obviously automotive industries.

Cooperation Profiles

Partner: Sampaş Nanotechnology

PROPOSED ACTIVITIES FOR THE PROJECTSR&D tasks (charectarization & analysis studies)Pilot developmentExploitationDisseminationFORMER EXPERIENCESPCATDES (FP7) - The project aims to provide a cost effective solar powered method for mineralising the recalcitrant organic pollutants that biological methods cannot remove from waste-water from agricultural and seafood industries; particularly those situated in rural areas where power is scarce. The project unites cross disciplinary teams based in ASEAN and EU countries and the resulting sharing of expertise between centres of excellence will generate new knowledge on photocatalytic materials and processes.EFFESUS (FP7) - The main goal is to develop and demonstrate, through case studies a methodology for assessing and selecting energy efficiency interventions, based on existing and new technologies that are compatible with heritage values. A Decision Support System will be a primary deliverable. The environment in historic buildings and urban districts is controlled differently from modern cities and accordingly the project will also develop a multi-scale data model for the management of energy. In addition, new non-invasive, reversible yet cost-effective technologies for significantly improving thermal properties will also be developed. Finally, existing regulations and building policies may not fit cultural heritage specificities so the EFFESUS project will also address these non-technical barriers. These outcomes will be achieved through 10 work packages, performed by an interdisciplinary consortium of 23 partners from 13 countries. Due to the attractiveness of this niche market, 36 % of the project budget is allocated to SME's, which will work together with large companies, research institutions and end users throughout the duration of the project.TEX-SHIELD (FP7) - The overall project aim is to provide the European textile industry to restore approximately €5.3 Billion market. with an alternative material to C8 PFC with comparable performance. This will be achieved through extending our understanding of various other alternatives to deliver durable water and oil repellent coatings. With this knowledge we will develop a cost effective, environmentally friendly solution that has the ability to be bonded to the fabric in order to provide durable multifunctional performance especially, as different industries and applications require multifunctional coatings. Furthermore, it would be an added advantage for the textiles industry to be able to manufacture textiles with multifunctional features at highly competitive prices.SVARNISH (FP7) - The SVARNISH project aims to overcome the flexible packaging limitations related with the traditional food plastic materials, competitive costs, the chemical properties (antimicrobial, oxygen and water vapor), physicmechanical properties (simplifying the multilayer structures, and improving the simples ones), environmental and sustainable development. We aim to reduce the price of the food

packaging around 20% and reduce waste material 8-10%, decreasing the time process manufacturing in a 50%, and reduction of the energy consumption in the same 50%. Reduce food waste by 50%. The 85% of the films used for food packaging industry will be recycling. The structure of SVarnish consortium has been selected through a logical process from “the raw material needed to improve the varnish to the final printing process”, all supply chain it is represented. MU-TOOI (FP7) - The aim of the project is to develop an alternative method of microwave processing of composites, to enable the rapid and low-cost production of composite parts. The new process will result in an increase in energy efficiency, production efficiency, reduction in greenhouse gas emissions and production costs.

Kastamonu Entegre

Organisation Name

Country	Turkey
City	İstanbul
Street	Mahir İz Cad.
Website	www.keas.com.tr
Phone	
Organisation Type	Company

Person

Name	Hüseyin METİN
Email	hmetin@keas.com.tr
Job Position	Business Development



Organisation Details

In 7 factories in Turkey, 2 in Romania, 1 in Bulgaria, 1 in Bosnia Herzegovina and 2 in Russia, KEAS is producing particleboard, MDF, laminate flooring, melamine faced boards, worktops and doorskins.

With its total production capacity 5.000.000/m3 KEAS is worlds 7th, EU's 4th biggest wood based panel manufacturer. Our 2015 turnover of 1.2 billion \$"

Kastamonu Entegre Company Video: <https://www.youtube.com/watch?v=Y9nbeOB82Jc>

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)

Cooperation Profiles

Partner: [KASTAMONU ENTEGRE \(KEAS\)](#)

KEAS is a global leader in wood based panel production. We are EU's 4th biggest producer with 5million m3 production capacity. We have 13 factories in 9 locations in 5 countries. We are interested to be end user, take role in demontsraton work packages especially in IoT projects.

Megaprojects

Organisation Name	
Country	Greece
City	Athens
Street	4, THISSEOS STREET, DAFNI
Website	www.megaprojects.gr
Phone	
Organisation Type	Company

Person	
Name	GRIGORIOS MILOPOULOS
Email	gmi@megaprojects.gr
Job Position	Business Development Director



Organisation Details

Megaprojects has been established in 2009, by a team of experts in Business Development, IT Management, Greek National Investment Programmes and European Commission co-funded Projects. Although the company is relatively new, its personnel have experience in multinational consortium complex projects since the dawn of the year 2000. The cooperation in multinational projects has given us the opportunity to create a vast network of contacts in many economic sectors and work with a variety of company types and sizes. This has led to the transformation of **Megaprojects** into a management consultancy and corporate advisory firm, servicing many leading European and multinational companies, universities and organisations. **Megaprojects' vision comes down to three words: Increasing SMEs "Connectability". We strongly believe that the simplest yet most precious step for an SME, in any country, is increasing its ability to connect with other local and international SMEs and organisations.**

- Megaprojects creates innovative, enduring solutions in demanding and complex sectors by following a unique, cross-disciplinary approach to clients' challenges, ensuring the right balance of expertise and real world experience across business strategy, public policy, organisational capability and digital strategy and capability
- Megaprojects' digital strategy enables SMEs to capture the business benefits of digital initiatives across areas such as process optimization, new market exploration, customer intelligence, new products, innovation, collaboration and new customer/marketing channels.
- Our team combines digital expertise in IoT, with organization change to deliver digital strategy and capability programs that really work. We are experts at working collaboratively to link people, technology and strategy to deliver great business outcomes.

Areas of Activity

Big Data and Content

- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: Smart Textiles

Creation of clothing with embedded sensors. They can be used in sports, health, security, ageing well and accessibility applications. Smart textiles are fabrics that have been developed with new technologies that provide added value to the wearer. Smart textiles can be broken into two different categories: Aesthetic and Performance Enhancing. Aesthet-

ic examples include everything from fabrics that light up to fabrics that can change color. Some of these fabrics gather energy from the environment by harnessing vibrations, sound or heat, reacting to this input. Then there are performance enhancing smart textiles, which will have a huge impact on the athletic, extreme sports and military industries. There are fabrics that help regulate body temperature, reduce wind resistance and control muscle vibration – all of which help improve athletic performance. Other fabrics have been developed for protective clothing to guard against extreme environmental hazards like radiation and the effects of space travel. The health and beauty industry is also taking advantage of these innovations, which range from drug-releasing medical textiles, to fabric with moisturizer, perfume, and anti-aging properties. This evolution will only be successful if the devices are unobtrusive and reliable for the user and for the diagnostician. One of the keys is the development of high-efficiency electroconducting textile structures for energy transport and for the development of sensors and actuators. Call: ICT-23-2017 (RIA & IA)

Partner: Big Data from Post Services

Post Services, public or private have a large number of people out in the road everyday. Thousands of people that deliver the post each day, can gather BIG Data, by wearing specific sensors, without interrupting their actual work. Few things are so widespread and pervasive like the Postal Service. Perhaps less obvious is the notion that few also collect so many data: postal operators collect a plethora of information from their rich physical networks. We see the potential for the marriage of technologies and postal infrastructures to make impacts to not only the post's mission, but to the larger postal industry, economic vitality, and citizen health and safety. The application of sensors and other data collection technologies to the various components of the postal infrastructure (vehicles, mailboxes, machines, letter carriers etc.), combined with powerful software and analytical tools, could help the Postal Service bring data management to the next level. It would create new rich data sources that could help the Postal Service improve operational performance, customer service, create new products and services, and support more efficient decision-making processes. The "Internet of Postal Things" could also have a positive spillover effect on other adjacent non-postal sectors, as the information collected by and for the Postal Service could be useful to others Call: ICT-20-2017, Big Data Calls

Partner: Qtales - Children Books in the 21st Century

A Collaboration Ecosystem enabling EU Creative SMEs to exchange multi-media content and create multi-plot, interactive Apps for Children, curated according to Reader ability and educational value". Children books are on the cutting edge of eBook innovation. It is an arena where the very definition of "book" is being stretched, and where concepts of what an e-book is and could be constantly evolve. An e-book is a digital snapshot of a book, an enhanced e-book adds multimedia and interactive features as interruptions to the linear story, and a book app is based on a book but acts more like a game with multiple pathways that require the user to interact instead of simply scroll and click or tap. Q-Tales has delivered: • The Q-Tales Collaboration Platform, including Gamification Aspects, where European self-publishers, authors, illustrators, voice actors, animators and other related SMEs & professionals will find & submit industry news, communicate, offer & receive services and collaborate. • The Q-Tales Authoring Tool, featuring an easy-to-use interface with powerful and sophisticated authoring features which will be used to create the Q-Tales e-books and apps, incorporating the Q- Tales Ontology and utilizing gamification techniques. • The Q-Tales Store where the authored e-books and apps will be offered worldwide. Call: ICT-20-2017

RelMicroS Ltd.

Organisation Name	
Country	Turkey
City	Istanbul
Street	Dilber
Website	www.relmicros.com
Phone	
Organisation Type	Company



Person	
Name	Mohamed Mounir
Email	mmounir@relmicros.com
Job Position	CEO



Organisation Details

RelMicroS is a pioneering semiconductor IP design company. RelMicroS started as an inspiration for the purpose of creating **Reliable Microelectronic Systems**, believing that creativity, efficiency, and performance are not worth a thing if they are not served with an equal amount of **Reliability**.

RelMicroS is transforming how the world can rely on microelectronic systems. RelMicroS designs and develops a broad range of analog, digital, and mixed-signal semiconductor IP cores with a focus on **lifetime reliability**, which is a crucial concern due to the ongoing intensive scaling process for the microelectronic systems, and which is a mandatory requirement for most microelectronic systems' applications (IoT, Robotics, Automotive, Communications ... etc.).

RelMicroS IPs empower customers with the cutting edge they need to deliver **reliable** microelectronic systems characterized with **high-efficiency**, **high-performance**, and **low-power** designs for leading-edge nodes.

For more information about our **Products**, **Design Service**, and **Training** visit RelMicroS website: www.relmicros.com

Areas of Activity

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)

Cooperation Profiles

Coordinator: IoT Hardware: Design Reliable Bluetooth PHY IP for IoT Applications

By 2020, there will be 50 billion devices connected to the Internet. IoT is covering a variety of domains ranging from transport, agriculture, tracking, and defense to smart environments like homes and buildings. IoT devices have to be self-adaptive and reliable to provide efficient mechanisms for information distribution unceasingly. RelMicroS Bluetooth PHY IP will empower IoT applications with reliable performance, high-efficiency, and low-power. >> Targeted specifications for the design

1. Complete elimination for the negative impact of degradation lifetime processes.
2. Compliance with the latest Bluetooth low energy specification and support Bluetooth 5.
3. Operation voltage below 0.9 volt to extend battery life and reduce power dissipation.
4. Integration on-chip RF transceiver matching network, pin-to-antenna interface, and voltage regulators to reduce the bill of materials (BOM) cost and PCB design area.
5. Implementation of digital interface containing Tx/Rx data, real time control interface and register program interface.
6. Compliance with IEEE 802.15.4 standard for wireless connectivity over networks such as Zigbee or Thread in the 2.4 GHz band.

Partner: Reliable Hardware Design for IoT Applications

IoT devices have to be self-adaptive and reliable to provide efficient mechanisms for information distribution unceasingly. RelMicroS is ready to collaborate with research entities (university, company, SME ... etc.) to provide reliable electronic designs for the ongoing booming IoT applications.

Partner: Microelectronics Training: Circuit Design for Reliability

RelMicroS experienced trainers are ready to offer unique trainings and continuous support after training, enabling customers to deliver reliable designs. RelMicroS Training enables our customers to design and market reliable products faster, without risk, and with dedicated support from highly skilled professional engineering teams. >>> Circuit Design for Reliability Training Intensive scaling for VLSI circuits is a key factor for gaining outstanding performance. However, this scaling has huge negative impact on the circuit reliability, as it increases the undesired effect of aging degradation on ultradeep submicrometer technologies. This training covers physical understanding, modeling and simulation, on-chip characterization, layout solutions, and design techniques that are effective to enhance the reliability of various circuit designs. Training contents: 1. VLSI reliability 2. Reliability physical mechanisms 3. Modeling reliability physical mechanisms 4. Planar MOSFET VS FinFET reliability 5. On-Chip characterization of reliability degradation 6. Layout aware reliability analysis 7. Circuit level design techniques

Partner: ICT-31-2017: Micro- and nanoelectronics technologies

Bogazici University

Organisation Name

Country	Turkey
City	Etiler
Street	Kuzey Kampus Elektrik-Elektronik
Website	http://www.bumems.ee.boun.edu.tr/
Phone	
Organisation Type	University

Person

Name	Senol Mutlu
Email	senol.mutlu@boun.edu.tr
Job Position	Associate Professor



Organisation Details

Department of Electrical and Electronics Engineering at Bogazici University is top ranked in Turkey's University Entrance Exam. It accepts 75 students every year, who ranked among top 400 in this exam that involves around 1.5 million students.

Areas of Activity

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Cooperation Profiles

Partner: [MEMS, Organic Electronics, Microfluidics, Energy Harvesting](#)

Heat Information Technologies

Organisation Name

Country	Turkey
City	İSTANBUL
Street	Levent
Website	http://www.heat.com.tr/
Phone	
Organisation Type	SME

Person

Name	Kübra Mutlu
Email	kubra.mutlu@heat.com.tr
Job Position	Analysis and Testing Specialist



Organisation Details

Heat develops tailored software services for automotive, solid waste, and energy sectors. Heat also gives services to the companies operate in consultant and legal fields.

Aiming the selection the most correct and highest technology equipment choices by feeling the needs and expectations of its customers Heat contributes to the success of the companies against their rivals. By providing proactive contribution to the future of the companies Heat reduces risk and provides easy and quick access to information.

Heat is supported by Tubitak in the projects performed by its professional team consisting of 26 persons working to provide 7*24 service.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)

Cooperation Profiles

[Partner: ICT-05-2017](#)

[Partner: ICT-11-2017](#)

[Partner: ICT-14b-2017](#)

[Partner: ICT-17b-2017](#)

[Partner: ICT-20-2017](#)

[Partner: ICT-23-2017](#)

[Partner: ICT-25b-2017](#)

[Partner: ICT-27-2017](#)

European Training Academy

Organisation Name

Country	Croatia
City	Rijeka
Street	Milutina Baraća 19
Website	www.eustraining.info
Phone	
Organisation Type	SME

Person

Name	Bosko Nektarijevic
Email	nektarijevic@hotmail.com
Job Position	Senior Expert



Organisation Details

European Training Academy (ETA) is innovative, accountable and ethical leader in terms of cost to impact ratio.

We inform, educate, train and help project leaders to make substantial improvements in performance, and constantly build a great network that attracts, develops, excites and retain exceptional people.

ETA makes sure that client's project initiatives achieve outstanding impact and sustainability required by the EU.

We bring together the latest insights, extensive experience and the most advanced methodologies from diverse sectors

to help project leaders improve success ratio and performance.

ETA can assist you to transform your idea into a good quality project proposal;

- from call analysis, clarifying expectations of the EC and initial WBS;
- identification of opportunities for growth, relevant Topic/calls for your ideas and initial project design;
- identifying partners and explaining to the partners the requirements for a winning proposal;
- structuring and writing the proposal in clear and easy-to-understand English;
- being a process consultant, responsible for keeping the proposal development work on track;

As well ETA can provide project, performance and quality management services during project implementation.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabili-

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

ties research and take-up (15 mill €)

- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Cooperation Profiles

Coordinator: [SMEInst-01-2016-2017: Open Disruptive Innovation Scheme](#)

For SME Instrument phase 1 and 2 we are currently writing two proposals for clients and seeking possible partners to assist in commercialization of innovative SME support platform

Partner: [CULT-COOP-07-2017: Cultural heritage of European coastal and maritime regions](#)

ETA can assist in proposal writing and consortium creation

Partner: [CO-CREATION-01-2017: Education and skills: empowering Europe's young innovators](#)

ETA can assist in proposal writing and consortium creation

Partner: [SMEInst-12-2016-2017: New business models for inclusive, innovative and reflective societies](#)

ETA can assist in proposal writing and consortium creation

Partner: [SMEInst-13-2016-2017: Engaging SMEs in security research and development](#)

ETA can assist in proposal writing and consortium creation

INNOREG

Organisation Name

Country	Hungary
City	Budapest
Street	-
Website	
Phone	
Organisation Type	Other

Person

Name	Edina Nemeth
Email	edina.nemeth@ist.hu
Job Position	National Contact Point for ICT in

Organisation Details

National Contact Point for Horizon 2020 Information and Communication Technologies Programme

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Ergobyte Informatics S.A.

Organisation Name

Country	Greece
City	Thessaloniki
Street	21, Aristotelous str.
Website	
Phone	
Organisation Type	SME

Person

Name	George Nikolaidis
Email	gnikolaidis@ergobyte.gr
Job Position	CEO & Founder



Organisation Details

Ergobyte is a software house offering innovative ehealth products and services. Its portfolio of commercial products consists of:

- **Galinos**: The most popular **online reference** for all matters regarding human **pharmacology** in Greece. Over 25K physicians, pharmacists and other health professionals visit the website daily. Except for the wealth of pharmaceutical information, galinos.gr provides novel “intelligent” features and tools such as drug-to-drug and drug-to-disease interaction checker, suggested active substances for ICD-10 disease codes and full text search within SPC, PIL and other pharmaceutical documents.
- **Galinos Office**: Fully integrated, **cloud-based Electronic Medical Record** and practice management solution for private practices. Featuring appointment scheduling, health records, e-prescription, financial management, reporting and file management, Galinos Office is used by solo as well as multispecialty group practices. On the design side, it is based on openEHR. As a result, every piece of medical information is coded into records. Moreover, personally identifying information are anonymized and encrypted.
- **Asclepius**: **Hospital information system** used by medium-sized clinics in central and northern Greece. It caters to all management and daily operation needs of healthcare facilities.

Ergobyte has also created CropDiagnosis, a spin-off in the agrifood sector funded by the FINODEX accelerator.

Development is carried out by a team of skilled software engineers, as assisted by expert associates in the fields of medicine.

In parallel to other activities, **research** is conducted in various fields of ICT, namely:

- computer aided diagnosis
- machine learning and reasoning
- knowledge representation
- data analytics

In collaboration with CERTH, Ergobyte developed the **Panacea reasoner**, a system that proposes medications for patients taking into account chronic diseases, current medication, medical history, somatometric measurements, allergies etc. The reasoner is commercially exploited in the Interactions Checker tool at galinos.gr.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Cooperation Profiles**Partner: ICT-14-2016-2017: Extracting and unifying healthcare data into an open platform**

EMR systems have evolved from pure record-keeping to integrated, enterprise-wide systems that hold the promise of accurate, real time access to patient healthcare data. The information kept within hospitals data silos is of high value to other industries, such as insurance, pharmaceutical and medical device manufacturers. Each hospital/clinic has its own system for filing such records. In order to extract valuable knowledge out of them, data integration is required. Security violation, standardization and quality challenges need to be taken into account in order to successfully integrate medical data. Our project aims at: (1) devising methodology and developing tools for extracting, anonymizing and coalescing medical records, (2) reasoning over collected data to discover patterns/insights, (3) creating a platform for querying knowledge and sharing data. Types of partners sought: Hospital/Clinic, Pharmaceutical companies, Consultants responsible for innovation management.

Netas Telekomünikasyon AS

Organisation Name

Country	Turkey
City	Turket
Street	Osmanlı Bulvarı
Website	
Phone	
Organisation Type	Company

Person

Name	hakan noyan
Email	hnoyan@gmail.com
Job Position	software architect



Organisation Details

Netaş is a sector leader of Turkey with strong R&D capabilities on Telecommunication and ICT products and solutions for more than 1500 domestic and international customers from America, Europe, Africa and Asia with 20% YOY CAGR. Netaş awarded company on 'Best Telecommunication R&D' and 'Best R&D employment' of Turkey by Ministry of Science, Industry and Technology.

Netaş achieving high quality R&D results, with its VoIP multimedia labs, which are among the top ten in the world, and a track-record of 43 years in telecommunications R&D and investments on 4G, 5G, IOT, Cyber Security, Core Switching, Evolved Packet Core Technologies. The company provides innovative end-to-end value-added systems integration and technology services in the fields of information and communications technologies. Its customers range from telco providers to public and private enterprises in domestic and international markets. Netaş charters its vision to become Turkey's and Region's #1 systems integrator working as per global standards.

Furthermore, with 800+ R&D engineers and 2200+ employees, Netaş provides a wide array of services to enterprises functioning in various vertical segments, particularly telco providers and those in finance, general industry and defense sectors. Netaş also nurtures strategic partnerships with global technology giants to provide its customers an insight to help them keep pace with and adopt more efficiently the latest developments in the field of ICT, and continues to develop software solutions for more than 200 global operators.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: 5G Expert Support System

We have an artificial intelligence project for support organizations. We are looking for partners with similar area of interest. We have globally product support and software development expertise.

Kadir Has University

Organisation Name	
Country	Turkey
City	Istanbul
Street	Kadir Has Caddesi
Website	www.khas.edu.tr
Phone	
Organisation Type	University

Person	
Name	Selcuk Ogrenci
Email	ogrenci@khas.edu.tr
Job Position	Assistant Professor



Organisation Details

Founded in 1997 as a private non-profit institution, Kadir Has University (KHAS) is one of the leading mid-size universities in Turkey. The university, which has six faculties and three vocational schools, is dedicated to becoming a leader in university education in Turkey and neighbouring areas. More than 5000 undergraduate students were enrolled in 2014 at twenty-nine different departments in the faculties of Engineering and Natural Sciences, Economics, Administrative and Social Sciences, Communications, Law, Art and Design, and Applied Sciences. The university also strives to link research with graduate education through its twenty Master's and eight Doctoral degree programs in the graduate schools of social sciences as well as science and engineering. As an outcome of the concrete steps taken since the strategic decision to shift its orientation from education to research was made in 2006, the university's current research portfolio boasts 151 projects of which 90 are funded by sources other than KHAS. For the last three years, the university has ranked in the top 50 universities in the University Entrepreneurship and Innovation Index List, prepared by the Turkish Ministry of Science, Industry and Technology. The university's Innovation and Technology Transfer Research and Application Center (INEO) has been awarded funding by TÜBİTAK in 2014 for capacity building.

Areas of Activity	
<p>Big Data and Content</p> <ul style="list-style-type: none"> • ICT-14-2016-2017 (IA) Big Data PPP (27 mill €) • ICT-15-2016-2017 (IA) Big Data PPP (25 mill €) • ICT-16-2017 (RIA) Big data PPP (33 mill €) • ICT-17-2016-2017 (RIA) Big data PPP (2 mill €) • ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €) • ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €) • ICT-23-2017 (IA) Interfaces for accessibility (4 mill €) 	<p>Internet of Things</p> <ul style="list-style-type: none"> • IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: Intelligent ICT systems and services

Design and development of ICT services based on computational intelligence (statistical, neural network, fuzzy, genetic approaches) to implement fusion, analysis and interpretation of complex data (sensor, IoT, streaming data), to improve decision making in a variety of sectors. Possible integration with hardware based monitoring devices including smart phones, microcontrollers etc. Intelligent processing of "Big Data" originating from sensors to develop Decision Support Systems based on predictive statistical models and/or purely empirical observations.

ISTANBUL METROPOLITAN MUNICIPALITY

Organisation Name

Country	Turkey
City	ISTANBUL
Street	mehmet nezih
Website	
Phone	
Organisation Type	Authority/Government

Person

Name	DIDEM OGUR
Email	didem.ogur@ibb.gov.tr
Job Position	TRADUCTEUR

Organisation Details

Public

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

TUBITAK

Organisation Name

Country	Turkey
City	Ankara
Street	Bilkent
Website	
Phone	
Organisation Type	Other

Person

Name	Ayşenur Okatan
Email	aysenur.okatan@tubitak.gov.tr
Job Position	Health NCP



Organisation Details

TUBITAK (The Scientific and Technological Research council of TURKEY) is a kind of research center having many institutes for different areas like health, security. Also, It has Horizon2020 coordination office where people work as National Contact Points whom separately dedicated to all Horizon2020 areas. TURKEY has attended in 6th Framework Programmes as Association country having same rights as Member State countries and had many successful projects. Now, TURKEY is ready for new projects of Horizon2020 and waiting for cooperation.

Limantepe Tech

Organisation Name

Country	Turkey
City	Izmir
Street	Teknopark Izmir A10-32 IYTE Gulbahce Urla
Website	www.limantepe.com
Phone	
Organisation Type	SME



Person

Name	Murat Olgun
Email	murat.olgun@imagerad.com
Job Position	Managing Partner



Organisation Details

Limantepe Technology & Life is a research and innovation company focusing on Cloud Based Health Information Systems. Limantepe is developing Medical Image Archive and Share System on the Cloud. It is first and only cloud based system in Turkey. The company's main target to enable patient to control their own medical images with related documents by using internet technologies. Limantepe Technology and Life is established by Haluk Çelikel and Murat Olgun in 2015 after long track records of their own fields.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: Healthcare IT

As Limantepe Tech, we are ready and willing to cooperate in healthcare related information technology projects.

University of Cordoba

Organisation Name

Country	Spain
City	Cordoba
Street	Campus Rabanales
Website	http://www.uco.es/grupos/prinia/jolivares/?lang=en
Phone	
Organisation Type	University

Person

Name	Joaquín Olivares
Email	olivares@uco.es
Job Position	Associate Professor



Organisation Details

At this moment, our research team is composed of 5 associate professors, 3 researchers, and 6 PhD students.

NVIDIA GPU Education Center

Cisco Networking Academy

Our field of interests are:

- Embedded Systems
- Wireless Sensor Networks
- High Performance Computing
- Network Architecture for IoT
- FOG computing

Areas of Activity

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: [Reconfigurable Networks for IoT](#)

To develop a Reconfigurable Network Architecture where resources are and communications are used efficiently. Our proposal is based on an Adaptive Pattern Matching Model for Distributed Rule-Based Systems

KoçSistem Bilgi ve İletişim Hizmetleri A.Ş.

Organisation Name

Country	Turkey
City	Istanbul
Street	Unalan Mah. Ayazma Cad. Camlica Is Merkezi B3 Blok Uskudar
Website	www.kocsistem.com.tr
Phone	
Organisation Type	Company



Person

Name	Mehmet Onat
Email	mehmeto@kocsistem.com.tr
Job Position	R&D and IPR Manager

Organisation Details

KocSistem is a leading systems integrator, solution and outsourcing company providing solutions and services to address to business requirements, creating value-add for its customers considered to be locomotives of the national economy.

Established in 1945, KocSistem still delivers business value with an expert staff over 1,200 to a wide range of sectors including public, financial, telecomm, industrial and commercial. In addition to the products and solutions developed in-house, KocSistem shares its wide-spread service network and immense knowledge on the sector and technologies.

Since its inception, adopting a management principle based on business perfection and helping its customers to raise the level of their competitive strengths, KocSistem became the leading services company in the Turkish Information Technology sector satisfying the needs and expectations of its customers and ensure that they receive the highest value-add from the products that offering a reliable, permanent and innovative cooperation. In order to achieve this objective, what KocSistem sees as a crucial point is the joint development of its employees, customers, suppliers, business partners as well as “**Koc Group” and society as a whole.

** Koc Group is 273 rd. on the year 2010 Fortune Global 500 list.

As a systems integrator company with over 100+ full time R&D engineers, KocSistem has extensive expertise in project management of engineering and R&D projects. Researchers with the required expertise. This will increase the effectiveness and efficiency of the execution of the project. These projects can be grouped as:

- Software and Application Development
-
- Digital Signage and Content Management
-
- Business Process Outsourcing solutions
-
- Mobile and Automation Solutions
-
- Enterprise Resource Planning (ERP) Consultancy and Solutions Partner
-

- Document and Workflow Management Solutions
-
- Business Intelligence and Decision Support Solutions
-
- Business Process management and SOA Based (BPM and SOA) Solutions
-
- Big Data Analytics
-
- IoT

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Istanbul Metropolitan Municipality

Organisation Name

Country	Turkey
City	istanbul
Street	mehmet nezih ozmen
Website	
Phone	
Organisation Type	Other

Person

Name	Burcu Onuk Bayındır
Email	burcu.onuk@ibb.gov.tr
Job Position	Project Coordinator

Organisation Details

Istanbul Metropolitan Municipality (IMM) holds a very important place in local administration organization of Istanbul. Its area of responsibility encompasses the entire provincial territory, which spans a total area of 5,343 km². IMM has 27 municipal enterprises, 2 subsidiary public utility corporations (Transport Authority and Water & Sanitation Authority) and 50.474 employees in total. This year, the biggest budget was reserved for the IMM with a consolidated budget of 38.6 billion Turkish Lira (\$13.2 billion), exceeding the budgets of 19 ministries. Istanbul's budget increased %21 compared to the previous year. It is responsible for wide variety of areas including environment, natural-gas supply, energy, infrastructure, planning and development, IT, transportation, community services and vocational education, health-wellness, food & catering, culture, tourism etc.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

ACT Venture Partners

Organisation Name

Country	Turkey
City	İstanbul
Street	Etiler Mah. Etiler Sok. No:8 Beşiktaş
Website	www.act-vc.com
Phone	
Organisation Type	Company



Person

Name	Gurcan Ozan
Email	gurcano@act-vc.com
Job Position	Partner



Organisation Details

ACT is a Venture Capital Fund investing in early stage IP intensive technology start-ups.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Netas

Organisation Name

Country	Turkey
City	İstanbul
Street	Yenişehir Mah. Osmanlı Bulvarı No:11 Kurtköy-Pendik
Website	http://www.netas.com.tr/ana-sayfa/
Phone	
Organisation Type	Company



Person

Name	Utku Ozbek
Email	uozbek@netas.com.tr
Job Position	Software Development Manager

Organisation Details

Netas provides innovative end-to-end value added systems integration and technology services in the fields of information and communications technologies (ICT). Its customers range from telco providers to public and private enterprises in domestic and international markets. Netas's constant increase in productivity is based on its next generation competencies around technology skillset and expertise. The company holds a track-record of 47 years and continues its foray in the field of information technologies, supported by with its experienced, best of breed research and development department. Netas also plays an important role in the modernization of the Turkish Armed Forces defense communication networks.

Netas charters its vision to become Turkey's and Region's #1 systems integrator working as per global standards. The company provides a wide array of services to enterprises functioning in various vertical segments, particularly telco providers, finance and general industry. The company nurtures strategic partnerships with global technology giants to provide its customers an insight helps them keep pace with the latest developments in the field of ICT and adopt them more efficiently, and continues to develop software solutions for more than 200 global operators.

The company, with 23% CAGR in revenue in the last 7 years, provides its customers with networking, security, unified communications, virtualization, cloud computing, broadband access, defense technologies, optical and carrier Ethernet, GSM-R, IT integration services, strategic outsourcing and tailored software development solutions. Netas provides extensive and goal oriented services, ranging from technology consultancy to post-sale assistance for government entities, companies and defense contractors in the Asia-Pacific, CIS and North African territories.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: Netas

We would like to join activities and projects around IoT and big data topics. We would possibly join as a partner for now. As a big company, we have some expertise around IoT, M2M, 4G/5G, Multimedia communications and E-learning. We have been involved into several Celtic projects like UNITed, Virtuoze, etc. and we had some proposals before for H2020 which were labeled but now funded. We also applied for several Fast Track Innovation projects this year like 5GNATAL and MYLEARNINGE and waiting for their acceptances now.

EUROHUB Consultancy Group

Organisation Name

Country	Belgium
City	Brussels
Street	Rue de la Loi 28, Bus 22
Website	
Phone	
Organisation Type	Consulting

Person

Name	Eda Ozdek
Email	ozdek@eurohubconsultancy.eu
Job Position	EU Funding and Research Manager



Organisation Details

EUROHUB Consultancy Group is a Brussels based EU Affairs consultancy company specialized in Funding, Interest Representation, Research & Analysis in EU Affairs.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)

Cooperation Profiles

Partner: Partnership for ICT calls

EUROHUB Consultancy Group is a Brussels based EU Affairs consultancy firm specialized in Horizon2020 funds. EUROHUB represents several clients from Turkey and Europe in H2020 partnerships, including several calls under ICT topic. Most recently, EUROHUB has worked on H2020 projects for ICT-08-2017, ICT-09-2017 and ICT-19-2017, and currently working on IOT-03-2017 call. EUROHUB has collaborated so far with many renowned European institutions for ICT calls and can provide services for interested partners in including these networks.

Bimetri Bilgi ve İletişim Teknolojileri

Organisation Name

Country	Turkey
City	Ankara
Street	Ankara Teknoloji Geliştirme Bölgesi, Cyberpark, Cyberplaza, B Blok, Zemin Kat, No BZ08, Bilkent, Çankaya
Website	http://www.bimetri.com
Phone	+903124720449
Organisation Type	SME



Person

Name	Murat OZDEMIR
Email	mozdemir@bimetri.com
Job Position	CEO



Organisation Details

Biz Kimiz?

Enerji, Mobil Takip, Endüstri ve Akıllı Bina/Tesis Yönetimi alanlarında faaliyet gösteren [Bimetri](#); kurucularının sahip olduğu 15 yıllık bilgi birikimi (know-how) ve deneyimi ile veri toplama, veri iletişimi, toplanan verinin görselleştirilmesi ve analizi konularında yazılımlar geliştirmekte olup veri toplama cihazlarının ithalatını ve bazılarının yerli imkanlarla imalatını yapmaktadır.

Sertifikalarımız

Satış Sonrası Hizmet Yeterlik Belgesi: TS 12749 Yetkili servisler – Teleks, teleteks, telefaks, modem v.b. cihazlar için kurallar

Ne Yaparız?

Yazılım ve donanım ürünlerimiz ile değerli varlıklarınızı, sensörlerinizi, sayaçlarınızı, araçlarınızı, cihaz ve makinelerinizi uzaktan takip edebileceğiniz, siz takip etmeseniz bile 7/24 esasına göre otomatik olarak sistem tarafından izlenen ve kontrol edilen uçtan uca çözümler sağlarız.

Vizyon & Misyon

Vizyonumuz: Türkiye’de ve komşu coğrafyalar olan balkanlar, orta doğu ve Türk cumhuriyetlerinde Telemetry, M2M/ IoT alanında kaliteli ve yenilikçi ürünler, hizmetler sunan bir teknoloji firması olmak.

Misyonumuz: Farklı olmak, fark yaratmak için yola çıkan Bimetri, geliştirdiği ürünler ve sunduğu hizmetler ile benzersiz ve daima öncü olmak ilkesi ile hareket etmektedir. Kariyer fırsatlarına açık, keyifle çalışılan ve çalışmak için tercih edilen bir firma olmak hedeflerimizdendir.

Nasıl Yaparız?

AR-GE aşaması devlet tarafından desteklenmiş [BienPort IoT Bulut Platformumuz](#) ile kendi donanımlarımızı kullanarak, müşterilerimizin kendi geliştirdikleri veya temsilcisi oldukları donanımların entegrasyonunu mümkün kılarak marka model bağımsızlığını sağlarız.

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and plat-

forms (37 mill €)

Cooperation Profiles

Coordinator: IoT Smart Energy Applications

We're looking for partners to implement and deploy Smart Energy projects on the field so that we can provide IT infrastructure on our BienPort IoT Cloud Platform. We offer revenue sharing to our partners based on our subscription business model. Our vertical applications on smart energy are: - AMR/AMI - Uninterruptable Power Supply (UPS) Monitoring - Generator Monitoring - Reactive Energy Monitoring - Energy efficiency applications on buildings and facilities

Coordinator: IoT Mobile Tracking Applications

We're looking for partners to implement and deploy Mobile Tracking projects on the field so that we can provide IT infrastructure on our BienPort IoT Cloud Platform. We offer revenue sharing to our partners based on our subscription business model. Our vertical applications on smart energy are: - Vehicle Tracking - Green Driving - Asset Tracking - Person (Workforce, Student, Kid, Patient) Tracking

Partner: IoT Platform Vertical Applications

We're looking for partners to implement and deploy Smart Industry and Smart Building/Facility projects on the field so that we can provide IT infrastructure on our BienPort IoT Cloud Platform. We offer revenue sharing to our partners based on our subscription business model. Our vertical applications on smart energy are: - Temperature & Humidity Monitoring - Vending Machine Tracking - Industrial Process Tracking - Early Detection of Forest Fire - Agriculture and Life Stock Environment Monitoring - Datacenter Environment Monitoring - Lift Monitoring

TUBITAK/BILGEM

Organisation Name

Country	Turkey
City	Gebze/Kocaeli
Street	Bariş, 1802. Sk. No:1,
Website	
Phone	
Organisation Type	Authority/Government

Person

Name	Serdar Ozpolat
Email	serdar.ozpolat@tubitak.gov.tr
Job Position	Department Head

Organisation Details

TÜBİTAK Informatics and Information Security Research Center (BİLGEM) is a R&D center of Turkey which provides the country with innovative and original solutions on informatics, information and advanced electronics. With its experience exceeding 40 years and human resources surpassing 1700, BİLGEM conducts scientific and technological researches in compliance with international standards

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Ozyegin University

Organisation Name

Country	Turkey
City	Istanbul
Street	Orman Sok no:34-36
Website	
Phone	
Organisation Type	University

Person

Name	Erhan Oztop
Email	erhan.oztop@ozyegin.edu.tr
Job Position	Faculty



Organisation Details

Ozyegin University is a young research and innovation oriented university

Areas of Activity

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)

Cooperation Profiles

Partner: [human-robot shared learning](#)

It is becoming more and more clear that for a robot enabled society, equipping robots with mechanisms to enable them to symbiotically operate with humans is at least as critical as robot autonomy and dexterity. Progress towards developing technologies that targets not only autonomous skill generation but also shared control mechanisms is needed. In this vein, study of robot control and robot learning in the context of human sensorimotor adaptation is a rich research venue that may potentially lead to paradigm shifts in how robots are programmed, tested and deployed in everyday life.

Organisation Name

Country	Turkey
City	Istanbul
Street	Büyükdere Cad. No 239
Website	
Phone	
Organisation Type	Company

Person

Name	Onder Ozturan
Email	oozturan@datamarket.com.tr
Job Position	Business Dev Director

Organisation Details

Systems integrator focused on IoT and Big Data

Areas of Activity**Internet of Things**

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles**[Coordinator: Data Market Bilgi Hizmetleri LTD. Sti.](#)**

Being a solution provider and system integrator since 1992, Data Market which is one of the leading companies in information industry in Turkey is the information technologies partner to which customers can trust in their critical business applications. Having many important references from finance, health, telecommunication, retail and general industries, Data Market targets to give its customers flexibility, business continuity and efficiency with corporate solutions it offers. Data Market is one of the biggest business partners of HP and Microsoft in Turkey under the titles of HP Gold Preferred Partner and Microsoft Gold Certified Partner. In addition to the said specialties, with its experienced staff and reliable service approach, it provides its customers with solutions such as that it represents and is a business partner of. Data Market has significantly leapt forward in the areas of portal and workflow solutions, customer relations management, document and enterprise content management, service desk and service management, identity management, messaging and unified communications, network and security components, system management, data storage and virtualization, business continuity, datacenter and cloud computing within the scope of services it provides and completed large-scale projects together with its customer. Serving nationwide with its workers over 150, branches, affiliates and business partners, Data Market has proved its quality through ISO 9001:2008 Quality Management System, ISO 10002 Customer Complaint Management System, OHSAS 18001 Occupational Health and Safety Management System and ISO 27001 Information Security Management System certificates and its success has been officially registered with awards it won.

Transition Technologies PSC sp. z o. o.

Organisation Name

Country	Poland
City	Łódź
Street	Piotrkowska 276
Website	www.tt.com.pl
Phone	
Organisation Type	Company



Person

Name	Paweł Pacewicz
Email	p.pacewicz@tt.com.pl
Job Position	R&D Manager



Organisation Details

Transition Technologies S.A. is one of the country's largest integrator and software company offering its products and services primarily to Customers from industry, energy and gas market sectors in Poland and worldwide. The company holds a strong position of a technology leader with many years of experience in implementing advanced projects. References concerning more than 200 major energy and industrial installations in the world. The company's portfolio is scalable and adapted to the constantly growing needs of increasingly diverse range of customers. We provide outsourcing of IT personnel of the highest standard, offering quick access to skilled IT professionals, in particular software developers and IT system architects.

Poland Solution Centre (PSC) was established as a division of Transition Technologies S.A. in Łódź on 3 July 2006 for the purposes of cooperation between Transition Technologies and Parametric Technology Corporation (PTC) – a global leader in supply of specialised software for design and management of products (Product Lifecycle Management). Since October 2016 Transition Technologies PSC is an independent company employing over 200 software experts and a part of the Transition Technologies holding.

Since establishment we are conducting R&D activities on a number of software technologies, which include:

- PLM (Product Lifecycle Management) solutions
- IoT (Internet of Things) and AR (Augmented Reality) solutions and their applications for the industry and smart cities
- Service Lifecycle Management solutions focused on servitization business model (reactive/corrective/predictive maintenance)
- Medical Intelligence
- Natural Language Processing

Additionally, it is worth to mention that we won one H2020 proposal in Factories of Future call (IMPROVE project: <http://improve-vfof.eu>)

Among our focus are you can find:

- industrial automation (<http://www.csc.tt.com.pl>)
- process monitoring/control/optimisation, forecasting (<http://www.tt.com.pl/en/adp>)
- product and service lifecycle management and IoT with augmented reality and Human-Machine Interfaces (<http://iot.tt.com.pl/en/>)

Holding a strong position of a technology leader with 25+ years of experience and 900+ experts in the holding implementing advanced solutions for the industry, Transition Technologies is a strong and reliable partner.

Looking forward for talking with about potential joint opportunities.

If you need further info please let me know when I can shed more light on us.

Alternatively you can also visit our website at <https://www.tt.com.pl/en/>

Areas of Activity

Big Data and Content

- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

[Coordinator: Industry 4.0: Smart & Connected MRO \(Maintenance, Repair, Overhaul\) - Device Health Usage Monitoring System \(HUMS\) for optimal maintenance planning and Intelligent fault prediction based on the Internet of Things](#)

The Internet of Things (IoT) is a communication paradigm leading to great opportunities for new applications. IoT network is able to identify a device failure. The system should perform field data acquisition to collect the operating information of the machine (equipment/vehicle etc.) that is monitored by various sensors. Such data will be a subject of data analysis and visualization to provide following benefits: For factories: 1) improve equipment availability and utilization rate by predicting failures in advance basing on operating data to minimize device downtimes 2) monitoring of working conditions and ongoing control of the machine park, 3) more efficient management of MRO (Maintenance Repair, Overhaul) and more relevant/accurate strategies of machinery exploitation 4) better stock management, optimal prediction of spare parts orders 5) efficient workforce/skill/workplace management - monitoring, control, analysis of completed tasks / orders For maintenance providers: 1) reduce cost related to warranty claims 2) increase profitability of maintenance services In process of actual fault prediction, it is uneconomical or even impossible to establish mathematical models for operating conditions of complex equipment so the biggest breakthrough of such system would be to enrich mathematical model with intelligent approach based on monitored data. We offer solutions and expertise in following areas: - data acquisition - software platform enabling rapid creation of end-to-end Machine-to-Machine (M2M) "smart" applications for a wide range of markets (based on ThingWorx) - quality software (FTA, FMEA, FRACAS, Reliability Prediction) based on Windchill Quality Solutions.

[Coordinator: Digital Twin - IoT Solutions for Smart Interactive Manufacturing, Maintenance Execution and Training](#)

ince 1991 we have been focused on delivering decision support systems for industrial partners. With the new wave of Industry 4.0 and Industrial IoT we are ready to deliver end-to-end solutions wrapping and extending various enterprise systems (PLM, SLM, ERP, MES, CRM, APS etc) and providing the ability to introduce smart operations and transform your company into a smart connected enterprise to build competitive advantage by implementing digital closed loop along the product lifecycle to create better product, produce the, in a better way, service them in a better way Sample here: <https://www.linkedin.com/pulse/digital-twin-mro-operations-adam-gąsiorek> We are also taking part of Factories of Future project - IMPROVE (<http://improve-vfof.eu>) where we are responsible for data acquisition, data management and data security along with factory simulation and optimisation. While already having some expertise with Augmented Reality, we wish to explore the possibilities given by Augmented Reality solutions in multiple use cases, some of which include: intelligent equipment servicing, space planning, technical trainings, etc. Introducing the possibilities opened up by the Internet of Things and the Augmented Reality can prove to deliver great value in terms of effectiveness, quality, simplicity among others. We are searching for partners for building a consortium to explore the possibilities of using Augmented Reality and related technologies in multiple use-cases, especially for manufacturing companies and service providers keen to build strategic differentiation and operation effectiveness by taking advantage of IoT, M2M, Augmented Reality, Big Data in the area of: a) smart manufacturing operations including Total Productive Maintenance b) smart MRO operations, technical information delivery and after-sales services c) industrial automation, process monitoring/diagnosis/optimisation d) factory workplace and employee adaptation e) training delivery f) effective product equipment configuration/review (options, variants etc) for ATO, ETO, BTO, CPQ.... g) building new business models (like product as a service, pay-per-use, power-by-the-hour)

[Partner: H2020 projects FoF, LCE, ICT for Industry](#)

We are looking for RIA and IA projects that can help in further development of our DECISION SUPPORT SYSTEMS and validate industrial applicability in the areas of: 1) product lifecycle management 2) smart manufacturing 3) operations and maintenance 4) remote product monitoring 5) process optimisation We are focused on (but not limited to) calls for: 1) FoF: Factories of the Future, 2) LCE: COMPETITIVE LOW-CARBON ENERGY 3) ICT SOLUTION OR EXPERTISE

SOUGHT 1) end-users: manufacturers 2) maintenance providers (for example wind turbine operations and maintenance, production systems maintenance) 3) research entities who can bring research competencies along with potential demo/pilot partners We are especially keen on meeting industry end-users looking for decision support solutions and closed digital feedback loop in the areas of: 1) IoT platform for rapid application development 2) SCADA solutions for process monitoring/control 3) Augmented Reality to support maintenance execution, product configuration and technical information delivery 4) Product Lifecycle Management 5) Service Lifecycle Management 6) Data science competencies for process optimisation, predictive maintenance

TURBO - Turkish Research and Business Organisations aisbl

Organisation Name

Country	Belgium
City	Brussels
Street	Avenue de l'Yser 5
Website	
Phone	
Organisation Type	Association/Agency

Person

Name	Magdalena Pacholska
Email	magdalena.pacholska@turboppp.org
Job Position	European Advisor



Organisation Details

TuR&Bo is the Brussels liaison office of Turkey's major research and business organisations: TUBITAK (The Scientific and Technological Research Council of Turkey), TOBB (The Union of Chambers and Commodity Exchanges of Turkey), KOSGEB (Small and Medium Enterprises Development Organisation) and TESK (The Confederation of Turkish Traders and Craftsmen).

Areas of Activity

Robotics and Autonomous Systems

- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Cooperation Profiles

Partner: [ICT-28-2017 \(CSA\) Robotics Competition, coordination and support](#)

Department of Telematics, Norwegian University of Science and Technology (NTNU)

Organisation Name

Country	Norway
City	Trondheim
Street	O.S. Bragstads plass 2
Website	www.item.ntnu.no
Phone	
Organisation Type	University

Person

Name	David Palma
Email	palma@item.ntnu.no
Job Position	Experienced Researcher



Organisation Details

The Department of Telematics (ITEM) at the Norwegian University of Science and Technology hosts 29 faculty and 31 PhD students performing teaching and research in the area of telematics.

ITEM actively collaborates with industry partners and research institutions in multi-disciplinary initiatives, focusing on the integration of ICT in innovative and state-of-the-art solutions.

Core research activities are represented by dedicated research labs, namely:

- [NTNU Quantitative modeling of dependability and performance lab \(QUAM lab\)](#)
- [NTNU Applied Cryptology Lab \(NaCl\)](#)
- [NTNU Internet of Things lab \(NINOT lab\)](#)
- [NTNU Intelligent Transportation Systems \(NTNU ITS lab\)](#)

Current research activities include several national and international research projects, such as:

- [EU FP7 MC-ITN CleanSky](#)
- [EU H2020 MSCA-IF SINet](#)
- among [others](#)

Don't forget to check our **cooperation profile** in the next tab.

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

[Coordinator: ELIoT, Evolving and intelligent embedded devices for a Large-scale, robust and secure Internet of Things](#)

Apart from typical Work Packages (WPs) for management, integration&evaluation, and dissemination&exploitation, the following WPs are the most relevant for the proposal:

WP Foundations for open and heterogeneous IoT platforms

- Definition of relevant and timely large-scale IoT scenarios with verified complexity, heterogeneity and dynamics
- Architecture definition for smart, interoperable, sophisticated and variable IoT platforms

- Risk analysis and dependability assessment of the proposed IoT platform

WP Data Analytics and intelligence in nonstationary and evolving environments

- Exploitation of Big Data statistics/analytics for improved data quality and acquisition processes
- Use and development of Machine Learning tools such as Deep Learning to improve systems' promptness and fault-tolerance
- Creation of new learning mechanisms for nonstationary and evolving environments

WP Smart, robust, secure and adaptable IoT

- Definition of mechanisms for decentralised, modular and maintainable control and computing (e.g. Cloud and Fog Computing to empower resource-constrained things)
 - Explore the combination of cognitive and autonomous mechanisms for embedded devices (embedded intelligence) with connectivity, actuation and control features
 - Explore Data Analytics and context-awareness to derive new solutions for cyber-attack prevention, resilience and system-wide security
- Develop smart IoT networking by introducing SDN principles in intermittent and resource-constrained networks
- Study of new and existing cryptographic solutions suitable for a network of resource-constrained things

Organon Analytics

Organisation Name

Country	Turkey
City	İstanbul
Street	Esra
Website	www.organonanalytics.com
Phone	
Organisation Type	Company



Person

Name	Reyzi Devrim Pamir
Email	reyzi.pamir@organonanalytics.com
Job Position	General Manager



Organisation Details

Organon Analytics is **an Artificial Intelligence company**, creating predictive intelligence from **big data**. This intelligence is mostly in the form of statistical models that are derived from actual data.

Organon's vision is "Let no one unversed in Artificial Intelligence" (enabling everyone to use Artificial Intelligence)

Organon was founded in 2011 and operates in two primary fields: providing consultancy at all phases of an analytics project and developing software that can be used to create predictive intelligence. We have 14 full time employees, both from technical and management backgrounds.

As of 2016, Organon has started to adopt the analytics-as-a-service approach, and **using** cloud as a medium to present its services globally.

Organon implemented 100K predictive models and based on these models 100 billion+ decisions were taken last year.

Company consists a group of market professionals, who solve business problems with the help of applied mathematics and computational sciences. Since 2011, Organon has served large corporations like Turkcell (Europe's Second Largest Telco Company), Garanti Bank (Turkey's Second Largest Private Bank) and Dogus Group (One of Turkey's Leading Corporate Groups). Organon provides solutions and services for information-intensive sectors; finance, insurance, retail, telecommunications and e-commerce.

Some of the company's R&D projects are financially supported by The Scientific and Technological Research Council of Turkey (TÜBİTAK). These products are Intelligent Data Quality (IDQ), Intelligent Modeller (IM) and Intelligent Data Ready (IDR).

Organon is a member of Big Data Value Association (BDVA) and actively taking role on boosting Big Data Value in Europe.

Cooperation Profiles

[Partner: Automated Self-Learning Machine Learning](#)

Organon Analytics will serve as a technology provider in the project. Organon has expertise in data collection, data preparation, cloud computing, large scale data mining in many sectors including banking. Organon will offer solutions for predictive intelligence and details will be discussed within the further phases of the project. As the part of its role, Organon will be: 1) Automating the definition and execution of data preparation workflow 2) Automating the extraction of optimal features from transactional data. 3) Automating IFRS-9 compliant statistical models 4) Automating IFRS-9 compliant reporting & dashboards 5) Automating scoring 6) Automating adaptive-learning process

Organisation Name

Country	Turkey
City	Kocaeli
Street	tübitak Gebze Campus
Website	www.tubitak.gov.tr
Phone	
Organisation Type	R&D Institution

Person

Name	Elif Parlak
Email	elif.parlak@tubitak.gov.tr
Job Position	senior scientist

**Organisation Details**

Photonic laboratory

- Printed Electronics
- Thin film fabrication with inkjet printing
- Nanoparticle synthesis
- Display Systems: Desing and modelling of passive and active OLED visualization systems; development of fabrication processes; characterization and tests of display systems
- Lighting: Development of OLED lighting with high energy efficiency for both indoor and outdoor ambients

Areas of Activity**ICT Key Enabling Technologies**

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Cooperation Profiles**Partner: Photonics**

Our research areas: printed electronics thin film fabrication with inkjet printer nanoparticle synthesis Display Systems: Desing and modelling of passive and active OLED visualization systems; development of fabrication processes; characterization and tests of display systems Lighting: Development of OLED lighting with high energy efficiency for both indoor and outdoor ambients, organic photovoltaic fabrication and characterization process optimization of glass and flexible based solar cells; development of encapsulation methods and materials

INFOTECH

Organisation Name

Country	Turkey
City	Istanbul
Street	sehit ilknur keles sk. dural plaza k:8
Website	www.infotech.com.tr
Phone	
Organisation Type	SME



Person

Name	ali ufuk Peker
Email	upeker@infotech.com.tr
Job Position	CEO



Organisation Details

Infotech Inc. is an IT company focused on mobile and location based technologies. The company was established in 2000 and is organized into three business units. Namely, GIS (Geographical Information Systems), Mobile Solutions (location based services and fleet management) and Navigation. Infotech is the leading digital map producer of Turkey and exclusive partner of TomTom, partner of Ericsson for location based services (LBS), LBS provider of Turkcell (4th biggest GSM operator in Europe) and strategic and certified partner of Oracle in spatial technologies. The company has a total of 107 employees in two offices located in Istanbul and Gebze. Infotech pioneered as the first company in Turkey into many markets in mobile and location based technologies such as NeredeCell (first location based yellow pages application, 2001), Infomobil (first GPRS based vehicle tracking system in Turkey, 2003), EkipMobil (biggest mobile positioning based tracking application in Europe, used by 10,000+ companies). Infotech has also experience in large scale GIS projects such as, the study on a disaster prevention/mitigation basic plan in Istanbul, including seismic micro zoning (co-operation with JICA), transportation modelling and design of passenger transfer centers (Istanbul Metropolitan Municipality), real estate inventory creation for General Directorate for Foundations, the first GIS based e-government project. Infotech's vehicle tracking solution is a cloud based solution with more than 1000 customers and it received the "Global Innovation Award" at Oracle Openworld in San Francisco in 2013. Infotech's LBS platform LOCATIONBOX delivers business GIS solutions to 100+ corporates and was awarded with the "Spatial Innovation Award" in 2014, at the Spatial Intelligence conference in Washington D.C. Infotech deployed 60+ LBS applications in 6 GSM operators in three countries with more than 100+ million transactions managed per day. Infotech's R&D focus is use of location information in ADAS applications. Infotech finished FP7 project GLOVE focusing on VANET and GNSS cross domain integration and currently working on InDrive project funded in H2020 for the development of enhanced GNSS targeting autonomous drive.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

ODTÜ-METU MATPUM

Organisation Name

Country	Turkey
City	Ankara
Street	ODTU Mimarlik Fak Mimarlik Bol
Website	
Phone	
Organisation Type	University

Person

Name	Koray Pekerçli
Email	koray@metu.edu.tr
Job Position	Lecturer



Organisation Details

METU Research Centre for Built Environment (MATPUM) aims to share the university's knowledge and culture in an institutionalized manner with other stakeholders in research and implementation field, via which educational medium will benefit from its reflections. The overall objective of the research centre is to string architectural media, architectural private firms, construction firms, design offices, public institutions, other universities, other departments, different groups of design and different disciplines together under one institutional structure in order to reach a collective production milieu.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: [Big Data and IoT for Smart Cities, Smart Buildings, Demand Planning and Control, Integrated Building Management Solutions](#)

MATPUM research center has completed an FP6 project, titled Hegel. The research center has many other research projects completed at national level, too.

Independent Consultant

Organisation Name	
Country	Italy
City	Palermo
Street	Viale Michelangelo 2315
Website	www.umbertopernice.com
Phone	
Organisation Type	Consulting



Person	
Name	Umberto Pernice
Email	umberto.pernice@gmail.com
Job Position	Independent Consultant



Organisation Details

Independent consultant in the field of *Collaborative Innovation Management*: www.umbertopernice.com

For over 15 years, I have enabled complex interdisciplinary project teams to secure funding (FP6, FP7, CIP, H2020, and a wide range of European Structural and Investment Funds) and achieve their project development targets. My clients come from diverse sectors: large enterprises, SMEs, public bodies, academia and Non Governmental Organizations in Europe and around the world. We collaborate on Research & Innovation projects to develop innovative solutions toward a more sustainable environment and better quality of living.

Experienced in different yet *interconnected areas* [i.e. Open and Social Innovation, Disaster Resilience and Natural Resources Management, Smart mobility and Smart Cities, etc.] and technologies [i.e. ICT and Key Emerging Technologies] my SME offers an integrated set of services supporting the whole process of *co-generating ideas, co-developing proposals and co-delivering projects*.

Services include:

- Business Innovation Consulting (Business planning across industry and sectors, including IPR management)
- Project Management
- Strategic Networking and Participatory Engagement
- Proposals writing
- Coaching on Innovation Strategies
- Communication and Dissemination Strategies

My services are delivered with the support of Service Design and Design Thinking methods to engage people in collaborative projects, using diverse financial instruments to transform ideas into innovative solutions.

Areas of Activity

Big Data and Content

- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)

Cooperation Profiles

[Partner: ICT-15-2017-Big Data PPP: Large Scale Pilot actions in sectors best benefitting from data-driven innovation](#)

Support to co-develop a proposal on the topic ICT-15-2017 Early thoughts about a large scale pilot to demonstrate how big data (in-situ data, satellite, crowdsourced), data fusion and visualization technologies can be used to re-design industrial activities and the value chain in the Disaster Risk Reduction (DRR) sector. The proposal concept is at a very preliminary discussion with some partners. Other sectors and pilot scenarios can be taken into consideration. Competence offered: - Define business innovation models to enhance market demand for big data - Co-design data-

driven innovation platforms - Co-design of industrial and commercial processes to exploit big data - Capability to bring in partners with high-level expertise and longstanding track records in FP7 and H2020 projects related to the call H2020: several proposals under evaluation. Experience in previous FP7 projects: FP7 - LAMPRE (GA no.: 312384) - Proposal writing - Exploitation/Dissemination FP7 - CATCH (GA no.: 234094) - Proposal writing - Project Management/Exploitation FP7 - MOVEUS (GA no: 608885) - Proposal writing - Exploitation

Kingston University London

Organisation Name

Country	United Kingdom
City	London
Street	Penrhyn Road
Website	
Phone	
Organisation Type	University

Person

Name	Barbara Pierscionek
Email	b.pierscionek@kingston.ac.uk
Job Position	Associate Dean (Research and Enterprise)

Organisation Details

Kingston University London is an innovative modern research led University which has four campuses and five faculties catering for over 23,000 students. The largest of these Faculties in terms of staff and student numbers is the Faculty of Science, Engineering and Computing (SEC) which is a recent amalgamation of three former Faculties. The SEC Faculty has eight schools: Pharmacy and Chemistry, Computing Information Sciences, Mathematics, Life Science, Geology, Geography and Environment, Civil Engineering, Mechanical and Automotive Engineering and Aerospace and Aircraft Engineering. SEC is strategically focussed on inter-disciplinary research and researchers in SEC collaborate widely, within the Faculty, across Faculties as well as with a wide range of national and international partners, academic and industrial.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)

Cooperation Profiles

[Partner: Big Data in medical database applications- ethicolegal issues](#)

The use of Big Data has great potential in medical, epidemiological and pharmaceutical applications. However the use of this data requires clear ethical and legal regulations that pertain to personal data and sensitive personal data. I have expertise and qualifications in science, law and ethics and am currently involved in a H2020 project that is looking at the ethico-legal issues applied to three medical conditions across four member states. This needs to be expanded to consider a harmonisation across the EU, for wider use of medical databases and to consider the relevance of non-autonomous persons.

Sur Bilisim Eğitim ve Bilgi Teknolojileri

Organisation Name

Country	Turkey
City	ANKARA
Street	Cigdem Mah. 1561.sok Yurtkent Sitesi B blok No:6/23, No:6/23
Website	www.surbilisim.com
Phone	+90532 4850095
Organisation Type	SME

Person

Name	Nihat Pişkin
Email	nihat@surbilisim.com
Job Position	Company Founder



Organisation Details

Our firm give professional consultancy, on the other hand, knowlage in the field of universities labs' devices and equipment softwares. Basicly we focused;

- Helping R&D and Inovative works
- Writing project and follwing project's process for GRANT supports
- Developing equipment
- Developing software
- Guiding international firms in Turkey market
- Doing international working in the transfer of technologies

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)

ICT Key Enabling Technologies

- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

PLANET S.A.

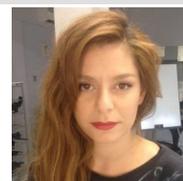
Organisation Name

Country	Greece
City	Athens
Street	Louise Riencourt 67
Website	www.planet.gr
Phone	
Organisation Type	SME



Person

Name	Nikoletta Psalti
Email	ipsalti@planet.gr
Job Position	Senior Consultant



Organisation Details

PLANET is the leading Greek management and project management consulting company with a strong presence in Southeast Europe and active in a broad geography.

Established in 1987, PLANET has been ever since present in most major interventions, transformations and infrastructure investments supporting clients across all sectors of the economy and the public sector.

PLANET is privately owned, having as shareholders its top management, senior people engaging in key roles and the National Bank of Greece as an institutional shareholder further strengthening the company's leading profile and prospects.

We serve the following sectors:

- [Transport & Civil Infrastructure](#)
- [Energy, Water & Environment](#)
- [Urban, Real Estate & Cadastre Development](#)
- [Financial Institutions](#)
- [Tourism & Leisure](#)
- [Telecoms, Information, Media & Electronics \(TIME\)](#)
- [Small-Medium Enterprises \(SMEs\)](#)
- [Retail & Consumer Goods](#)
- [Industry & Manufacturing](#)
- [Government](#)
- [Education](#)
- [Research & Innovation](#)
- [Employment, Social Security & Health](#)
- [Defense](#)
- [Regional Administration](#)
- [International Donors](#)

Areas of Activity

Big Data and Content

- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Robotics and Autonomous Systems

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)

Internet of Things

- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: [IoT-03-2017: R&I on IoT integration and platforms](#)

Architectures, concepts, methods and tools for open IoT platforms integrating evolving sensing, actuating, energy harvesting, networking and interface technologies. Platforms should provide connectivity and intelligence, actuation and control features, linkage to modular and ad-hoc cloud services, Data analytics and open APIs as well as semantic interoperability across use cases and conflict resolution. The work may also address the emergence of an open Web of Things like environment with search capabilities, so that "thing events" can be published, consumed, aggregated, filtered, re-published and searched for.

Dr-Dt

Organisation Name

Country	Switzerland
City	, Lausanne,
Street	Rue Pre du Marche
Website	http://www.dr-dt.com/
Phone	
Organisation Type	Consulting

Person

Name	Mohamad Rabbath
Email	mohamad.rabbath@yahoo.de
Job Position	Co-founder



Organisation Details

Dr-Dt is a basically consulting and training firm for Big data and Business Intelligence.

In addition to consulting, we offer software development services, e.g. we developed OPOP an easy to use billing system for SwissMedLogic which targets hospitals and clinics. This system is nominated for the GS1 network prize 2016 <https://gs1network.ch/nachrichten/item/1521-sauber,-zentral,-schnell-und-aus-der-wolke.html>

We have more than 15 years of experience in J2EE. Currently we are also highly involved in using Scala/Play, SPARK and HADOOP for both big data analysis and the required web interfaces and presentation layers.

We also offer consulting in ETL and visualization tools such as Pentaho, Tableau and Power BI.

Our training courses are offered in English, German and French.

We have both the industry and academic quality, as we worked in projects for leading firms such as:

- * Holidaycheck AG
- * CEWE COLOR
- * Yahoo
- * Ferchau Engineering

Also some of my academic publications can be seen on:

<https://scholar.google.com/citations?user=bSilWioAAAAJ&hl=en>

Dr-Dt is a very young firm and founded in Lausanne/Switzerland by Dr. Mohamad Rabbath and Dr. Raafat Zarka

<http://www.dr-dt.com/>

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)

Cooperation Profiles

Coordinator: [Analysing big data from several health organization to minimize the cost](#)

Currently we have an easy to use billing system. Our idea is to extend the system to analyse the medical materials used in each operation by many health organizations to minimize the cost and suggest the best materials for each

operation.

Finance Plus (F+)

Organisation Name

Country	Montenegro
City	Podgorica
Street	Dzordza Vasingtona 44
Website	www.financeplus.me
Phone	
Organisation Type	SME

Person

Name	Budimir Raickovic
Email	office@financeplus.me
Job Position	Head of project development



Organisation Details

Finance Plus is research intensive SME providing ICT business support services, accounting, financial advisory and auditing. We strive to be a leader in creating innovative solutions for online business support for European SMEs.

For over 20 years key people had innovative approach. Finance plus was the first company to introduce usage of computers and document management software DMS in the SME business in Montenegro.

Development of innovative services for business support with 25 employees and an extensive network of associates, lead us to numerous awards and position of a leading provider in business support.

Finance Plus received awards for the best innovation as well as the best SME in Montenegro. From 2008 we started expanding in the regional and EU markets. Company references include recommendations from: Ericsson, Siemens, Colliers International, Porr Bau GMBH, Bauer Spezialtiefbau, Wireless Montenegro, Mark William Harrison, Aqualia Infraestructuras Montenegro, Diners Club Montenegro, Energy Net MNE, Zagrebtrans, Avon Montenegro, Skladgradnja d.o.o, Krka d.o.o, Affinity Balkans, Dogus Montenegro Investments, Karanovic I Nikolic, NLB, Association of Montenegrin Managers, Ernst&Young, Delloitte etc.

Project initiative: In 2014 we started developing Smart SME, umbrella project for synergising existing and innovative F+ services. We invested substantial resources to create online business support platform, that makes cutting edge technologies and business support available to European SMEs, and automatize SME business management and administration throughout the value chain.

The first trials of F+ innovative Smart SME software, F+ team and clients had recognised the added value and growth potential of introducing cutting edge technologies to SMEs daily operations. Hence the results were reflected in adjusting present F+ Vision "For all European SME's to become Smart SME" by using F+ Smart SME services. EBRD supported development of our innovative services as well as one of the leading EU associations and a major telecom company.

Smart SME is tackling several acute challenges for the EU, above all to make the Single Market a reality for European SMEs and unleashes all the benefits. Finance Plus may contribute to address following Topics: ICT-14-2016-2017: Big Data PPP, ICT-20-2017 Tools for smart digital content in the creative industries, ICT-23-2017 Interfaces for accessibility, ICT-27-2017 System abilities, SME & benchmarking actions, safety certification and IoT-03-2017 R&I on IoT integration and platforms.

We are searching for: R&D providers interested to commercialise new technologies in the Western Balkan markets and complement development of Smart SME platform; Cutting-edge technology providers (big data processing, and supercomputing capabilities, content recognition, artificial intelligence) interested to expand their portfolio of services for SMEs; large Telcom companies to join forces in promotion and client acquisition; Governmental organisations to assist with e-government and business support development.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)

Cooperation Profiles**Partner: Smart SME**

Project initiative: In 2014 we started developing Smart SME, umbrella project for synergising existing and innovative F+ services. We invested substantial resources to create online business support platform, that makes cutting edge technologies and business support available to European SMEs, and automatize SME business management and administration throughout the value chain. The first trials of F+ innovative Smart SME software, F+ team and clients had recognised the added value and growth potential of introducing cutting edge technologies to SMEs daily operations. Hence the results were reflected in adjusting present F+ Vision "For all European SME's to become Smart SME" by using F+ Smart SME services. EBRD supported development of our innovative services as well as one of the leading EU associations and a major telecom company. Smart SME is tackling several acute challenges for the EU, above all to make the Single Market a reality for European SMEs and unleashes all the benefits. Finance Plus may contribute to address following Topics: ICT-14-2016-2017: Big Data PPP, ICT-20-2017 Tools for smart digital content in the creative industries, ICT-23-2017 Interfaces for accessibility, ICT-27-2017 System abilities, SME & benchmarking actions, safety certification and IoT-03-2017 R&I on IoT integration and platforms. We are searching for: R&D providers interested to commercialise new technologies in the Western Balkan markets and complement development of Smart SME platform; Cutting-edge technology providers (big data processing, and supercomputing capabilities, content recognition, artificial intelligence) interested to expand their portfolio of services for SMEs; large Telecom companies to join forces in promotion and client acquisition; Governmental organisations to assist with e-government and business support development;

National Institute of Applied Science and Technology

Organisation Name

Country	Tunisia
City	Tunis
Street	Centre Urbain Nord BP 676
Website	www.insat.rnu.tn
Phone	
Organisation Type	University

Person

Name	Riadh Robbana
Email	riadh.robbona@gmail.com
Job Position	Full Professor



Organisation Details

Accademic

University Description

- **Organization:** National Institute of Applied Sciences and Technology (INSAT) is an ICT Engineering School Since 1996, a member of University of Carthage Tunis (UCAR), Tunisia.
- INSAT : (http://www.insat.rnu.tn/Fr/accueil_46_34)
- UCAR : (<http://www.ucar.rnu.tn/En/>),

INSAT MISSION:

- Produces high level qualified engineers in ICT, Automated systems and Bio-industry. Introduces skills, concepts, and capabilities necessary to effectively use information technology. Collaborate with national and international stakeholders in ICT, automation and bio-industry.

Studying duration: 5 years

Target fields:

- – Computer Networks and Telecommunications
- – Software Engineering
- – Instrumentation and Industrial Maintenance
- – Industrial and Automated Informatics
- – Industrial Chemistry
- – Bio-industry

Number of students: 3000

Number of Professors and Associate-Professors: 400

Areas of Activity

Big Data and Content

- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)

Cooperation Profiles

Coordinator: Big Data and Security

The increasingly intensive use of Big Data and its multiple use, leads that new aspects of security will emerge. In our project we will define these aspects of security and we will implement approaches and strategies to ensure them via new cryptographic protocols. We will also use formal methods in order to verify our new cryptographic protocols.

City Says

Organisation Name

Country	Slovenia
City	Ljubljana
Street	Ramovseva 53
Website	
Phone	
Organisation Type	Association/Agency

Person

Name	Teja Rot
Email	teja.rot@gmail.com
Job Position	Founder and CEO City Says



Organisation Details

At City Says we are dealing with innovative exploration of what architecture and design can do in the city by envisioning real and effective community-based solutions. We have been designing urban solutions for several European cities, among them: Stirling Says Street Blog and reviving vacant retail stores in the old Stirling city centre with artistic interventions; Europacity Sagt initiative within my residency at Agora Collective in Berlin. This project dealt with providing alternative, community-driven artistic solutions to city development plan called Europacity which is currently under construction in the vicinity of Hauptbahnhof. It was examining the possibilities and opportunities of bottom-up architectural activation of the space. The project was part of a larger-scale event Exploding Europacity in Berlin, which took place in July 2015 in several spots around Berlin and it was also included in the final exhibition at Agora. I also did some urban interventions at ZK/U institute for culture and urbanism in Berlin; exhibition during Curators' Agenda in Vienna; exhibition focusing on Metelkova, the artistic squat in Ljubljana; guerilla intervention on the streets of Tsarskovo Selo during summer school ICE-SMART in St Petersburg.

Areas of Activity

Big Data and Content

- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

ECSEL Joint Undertaking

Organisation Name

Country	Belgium
City	Brussels
Street	toison d'or
Website	www.ecsel.eu
Phone	
Organisation Type	R&D Institution

Person

Name	anne salaun
Email	anne.salaun@ecsel.europa.eu
Job Position	legal officer

Organisation Details

Electronic Components and Systems are a pervasive Key Enabling Technology, impacting all industrial branches and almost all aspects of life.

ECSEL JU offers funding for Research, Development and Innovation projects with unparalleled systemic and strategic impact for smart, sustainable and inclusive economic growth.

University of Tours

Organisation Name

Country	France
City	Blois
Street	3 Place Jean Jaurès
Website	http://www.univ-tours.fr/
Phone	
Organisation Type	University

Person

Name	Yacine Sam
Email	yacine.sam@univ-tours.fr
Job Position	Associate Professor



Organisation Details

The Computer Science laboratory (Laboratoire d'Informatique) is composed of 39 Associate- and Full- Professors distributed on four research teams. Yacine is a member of BdTIn (Databases and natural language processing) team. The laboratory is part of Tours University, a French multidisciplinary university of about 22000 students.

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

[Coordinator: Enhancing the intelligence of IoT applications using Semantic Web technologies](#)

Internet of Things (IoT) is an area of innovation and growth. It is more and more present in our daily lives in application areas like Smart Car and mobility Smart Cities and Tourism. As the IoT continues to develop, it can be interesting to combine it with latest generation of Web technologies such as Web services and Semantic Web in order to bring more dynamicity and automation to current, globally static and sensor-focused, IoT applications. We aim to bring a semantic layer to IoT applications. Knowledge representation formalisms, allowing to formally (using description logics for example) describe “things events” in a open Web of things, will be proposed. Adequate reasoning techniques will be studied in order to allow dynamic and automatic management (discovery, use, aggregation, etc.) of “things events” coming from different sensors and services. Semantic and syntactic interoperability as well as privacy and security concerns will be taken into consideration. We will validate our project in a smart tourism context where IoT, Web services, and semantic Web can help a tourist to access to the touristic information and to dynamically and automatically find the best itinerary (program) based on different information (schedule of public transportation, description of touristic area, meteorological information, geocoding operations, etc.) from one side and her/his preferences and constraints, from the other. We are looking for Turkish and EU partners in order to submit the project in the context of IoT-3-2017 call.

Bogazici University

Organisation Name

Country	Turkey
City	Istanbul
Street	Bebek
Website	http://haptics.boun.edu.tr/
Phone	
Organisation Type	University

Person

Name	Evren Samur
Email	evren.samur@boun.edu.tr
Job Position	Assistant Professor

Organisation Details

- Haptics, Haptic Interfaces, Biomedical Simulations, Human-Machine Interaction
- Surgical Robotics, Medical Devices & Instrumentation, Rehabilitation Robotics
- Modeling & Analysis of Mechatronic Systems, Experimental Evaluation, Control

Areas of Activity

Big Data and Content

- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)

Izmir Institute of Technology - Atmosfer Technology Transfer Office

Organisation Name

Country	Turkey
City	Izmir
Street	Gulbahce
Website	www.iyte.edu.tr
Phone	
Organisation Type	University

Person

Name	Miray Sanli
Email	miray.sanli@atmosfertto.com
Job Position	Project Development and Management Coordinator

Organisation Details

Atmosfer Technology Transfer Office operates its services for Izmir Institute of Technology (IZTECH) and Technopark Izmir. Izmir Institute of Technology (IZTECH) was established in 1992 as one of the state universities in Turkey. IZTECH offers high-level education, quality infrastructure and innovative research opportunities. IZTECH is the only Turkish institutes of technology, which are the most advanced models of technical universities in today's world. Over 180 researchers are working on different fields in IZTECH and focus on education and research across three major faculties: science, engineering and architecture. IZTECH has successfully participated in 28 EU research projects in different fields over the past 10 years.

Teknopark Izmir is a technology park located in Izmir, Turkey on the Izmir Institute of Technology (IZTECH) campus. Technopark Izmir has operated since 2004 and currently 900 employees working for over 145 R&D companies.

Areas of Activity

Big Data and Content

- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Kuartis Technology and Consulting

Organisation Name

Country	Turkey
City	Ankara
Street	ODTU-Teknokent
Website	www.kuartis.com
Phone	
Organisation Type	SME

Person

Name	Ahmet Saracoglu
Email	ahmet.saracoglu@kuartis.com
Job Position	Managing Partner

Organisation Details

Founded in 2012, Kuartis Technology and Consulting is involved in leading national projects and develops innovative IT solutions. The company resides in Middle East Technical University (METU) Technopolis, which is the leader technology development zone according to Technology Development Zones Performance Index as defined by Republic of Turkey Ministry of Science, Industry and Technology according to in site number of research projects, IPR, academic and international collaborations. METU Technopolis hosts more than 300 companies with a total technology export of \$1Billion/year.

Kuartis is co-founded by Dr. Ahmet Saracoğlu and Dr. Serdar Gedik, both holding PhD degrees in computer science and their areas of expertise include mainly multimedia analysis, machine learning and computer vision. Dr. Serdar Gedik is also a faculty member in Ankara Yıldırım Beyazıt University (AYBU) Department of Computer Engineering. Currently, Kuartis hires 10 full-time engineers most of which continue their MSc or PhD studies. Furthermore, the company has academic advisors from METU, AYBU and Ankara University (AU).

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)

NanoPhotonics Lab @ Izmir Institute of Technology

Organisation Name

Country	Turkey
City	Izmir
Street	Gulbahce Mah.
Website	www.iyte.edu.tr
Phone	
Organisation Type	University

Person

Name	EMRE SARI
Email	emresari83@gmail.com
Job Position	Asst. Prof. Dr.

Organisation Details

Izmir Institute of Technology is a higher education and research institute located in Urla, Izmir, Turkey. Department of Photonics has recently been founded.

Areas of Activity

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: [Integrated photonic sensors and perovskite optoelectronic devices](#)

We can be a partner in either of the research areas mentioned in the title.

Istanbul Technical University

Organisation Name

Country	Turkey
City	Istanbul
Street	ITU Ayazaga Kampusu, Bilgisayar-Bilişim Fak., Bilgisayar Muhendisligi Bolumu, Maslak
Website	
Phone	
Organisation Type	University

Person

Name	Sanem Sariel
Email	sariel@itu.edu.tr
Job Position	Associate Professor

Organisation Details

<http://air.cs.itu.edu.tr/>

Areas of Activity

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)

Ford Otosan A.Ş

Organisation Name

Country	Turkey
City	Kocaeli
Street	Ali Uçar cad. no:53
Website	
Phone	
Organisation Type	Company

Person

Name	Osman Selcuk Sarioglu
Email	osariogl@ford.com.tr
Job Position	Manager, Production Planning and Control

Organisation Details

Automotive sector

DIGISECURE Information Technologies and Consulting

Organisation Name

Country	Turkey
City	istanbul
Street	Perpa Ticaret Merkezi B Blok No 2070 Okmeydani
Website	www.digisecure.com.tr
Phone	
Organisation Type	SME



Person

Name	ibrahim halil saruhan
Email	ibrahimsaruhan@gmail.com
Job Position	Project Manager



Organisation Details

Digisecure is a consulting, research and development company concentrated on scalable data analysis and investigation technologies.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)

YILDIZ TTO

Organisation Name

Country	Turkey
City	istanbul
Street	davutpasa yerleskesi
Website	
Phone	
Organisation Type	Consulting

Person

Name	kemal sarioğlu
Email	kemalsarioglu@yildiztto.com
Job Position	project&business develop- ment executive

Organisation Details

Yıldız technical University - Technology Transfer Office

Areas of Activity

Big Data and Content

- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Sun Tekstil Sanayi ve Ticaret A.Ş.

Organisation Name

Country	Turkey
City	Torbali
Street	Celal Umur Caddesi No:4/B
Website	http://www.suntekstil.com.tr/
Phone	
Organisation Type	Company

Person

Name	Güneş Sayıt
Email	gunes.sayit@suntekstil.com.tr
Job Position	R&D Textile Engineer

Organisation Details

Sun Group is one of the biggest integrated knitted fabric manufacturer for fashion brands in Turkey and Europe. Sun Group is one of the Turkey's biggest fashion knitwear exporter. Group employ more than 1.400 personnel. Group's total turnover is over 240 million \$.

Sun Tekstil is amongst the top, largest 500 industrial companies in Turkey, based in Torbali, near Izmir. Established in 1987, our group has an annual turnover of \$200m. We are fully vertical and manufacture and export 15 - 18 million pcs of womenswear garments per year. Sun Tekstil have Design and Marketing offices in Spain and the UK. Our company has a strong emphasis on design and development, driven by our Spanish and English graphic and garment designers. We also have a specialised Fabric Development and Sourcing Team in Turkey. The vast majority of our garments are made using Turkish fabric and we operate on a delivery time of 4 to 6 weeks.

Our Dyeinghouse Ekoten Tekstil is one of the biggest knitted fabric manufacturer in Turkey and in Europe. It's capacity is 40 Tonnes/day Dyeing and 25 Tonnes/day Knitting. Also we have the following management systems:

- ISO 9001 Quality Management,
- ISO 14001 Environmental Management,
- OHSAS 18001 Occupational Health and Safety Management,
- ISO 50001 Energy Management
- ISO 14064 Greenhouse gases

Our certificates:

- M&S notified Eco-dyehouse,
- OEKO-TEX certification,
- GOTS Organic Cotton certification,
- OCS 100
- OCS Blended

EKOTEN develop and produce high-performance fabrics used in manufacturing corporate wear & protective clothing. **EKOTEN** offers a concept which merges comfort of knitted fabrics and functionality together in one. EKOTEN has an excellent and unique fabric library. There are more than 3.700 fabrics registered, complete with all their specification & performance histories.

We are looking for the co-operation about technical textiles, medical textiles, automotive textiles and wearable electronic textiles.

Cooperation Profiles

Partner: [Medical Textiles, Technical Textiles, Automotive Textiles, Wearable Electronic Textiles](#)

TÜBİTAK BİLGEM YTE

Organisation Name

Country	Turkey
City	ANKARA
Street	1478.
Website	
Phone	
Organisation Type	Company



Person

Name	CEMİL SAĞIROĞLU
Email	cemil.sagiroglu@tubitak.gov.tr
Job Position	DIRECTOR

Organisation Details

<http://yte.bilgem.tubitak.gov.tr/>

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

ASELSAN INC

Organisation Name

Country	Turkey
City	Ankara
Street	Mehmet Akif Ersoy Mah 296 cad no 16 Yenimahalle
Website	
Phone	
Organisation Type	Company

Person

Name	Hacer Selamoglu
Email	hselam@aselsan.com.tr
Job Position	Manager

Organisation Details

ASELSAN became operational in 1970 under the Land Forces Foundation (TAFF). As underlined by the founders of of ASELSAN during the foundation of the company, our basic strategy is to develop unique products and systems by making use of critical technologies.

By focusing primarily on the needs of the Turkish Armed Forces; to provide high-value-added, innovative and reliable products and solutions to both local and foreign customers in the fields of electronic technologies and system integration; continuing activities in line with global targets as well as increasing brand awareness and contributing to the technological independence of Turkey.

ASELSAN operates under five business sectors;

Communication & Information Technologies Business Sector,
 Microelectronics, Guidance & Electro-Optics Business Sector,
 Radar & Electronic Warfare Systems Business Sector,
 Defense Systems Technologies Business Sector,
 Transportation, Security, Energy & Automation Systems Business Sector

Areas of Activity

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Cooperation Profiles

[Partner: Photonics, Mikro-Nano Technologies](#)

Universal Bilgi Teknolojileri

Organisation Name

Country	Turkey
City	İstanbul
Street	Atatürk Mah. Erzincan Sok.
Website	www.uni-yaz.com
Phone	
Organisation Type	SME



Person

Name	Adem SELLER
Email	aseller@uni-yaz.com
Job Position	R&D



Organisation Details

we are looking for eu funded projects that me way have a role

Universal Information Technologies was established in Istanbul in 1990. It has been showing activity and developing projects intended for municipality sector and government of cities since from its incorporation. Our firm providing services for many local governments as of today, serves with well educated and specialist employees in their branches. Universal performs sale and after sale business with its own personnel and communicate with customers directly. Since it has been established Universal becomes an important position in its sector by the increasing number of customer. Our firm's working principle is having an approach to municipalities as a partner not like a customer. Universal which always acts with "Onsite Support" approach, will continue its activities through its specialist staff and innovative vision as being a leading company of the sector.

Business process Suite integrated with ERP for Municipalities & GIS for Utilities (Energy Sector, etc) & Asset Management & Hydrolic Modelling&Business Intelligence and big data&smartcity

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: R&D

Universal Information Technologies was established in Istanbul in 1990. It has been showing activity and developing projects intended for municipality sector and government of cities since from its incorporation. Our firm providing services for many local governments as of today, serves with well educated and specialist employees in their branches. Universal performs sale and after sale business with its own personnel and communicate with customers directly. Since it has been established Universal becomes an important position in its sector by the increasing number of customer. Our firm's working principle is having an approach to municipalities as a partner not like a customer. Universal which always acts with "Onsite Support" approach, will continue its activities through its specialist staff and innovative vision as being a leading company of the sector. Business process Suite integrated with ERP for Municipalities & GIS for Utilities (Energy Sector, etc) & Asset Management & Hydrolic Modelling&Business Intelligence and big data&smartcity

TÜBİTAK MRC

Organisation Name

Country	Turkey
City	KOCAELİ
Street	Dr. Zeki ACAR CAD.
Website	
Phone	
Organisation Type	Authority/Government

Person

Name	Seçil Selçuk
Email	secil.selcuk@tubitak.gov.tr
Job Position	Unit Manager

Organisation Details

TÜBİTAK MRC PROPOSAL&CONTRACT UNIT MANAGER

NETAS

Organisation Name

Country	Turkey
City	Kurtkoy
Street	Areopark No:11
Website	
Phone	
Organisation Type	R&D Institution

Person

Name	Mesut Sen
Email	mesutsen@netas.com.tr
Job Position	R&D Director

Organisation Details

Netaş is a sector leader of Turkey with strong R&D capabilities on Telecommunication and ICT products and solutions for more than 1500 domestic and international customers from America, Europe, Africa and Asia with 20% YOY CAGR. Netaş awarded company on 'Best Telecommunication R&D' and 'Best R&D employment' of Turkey by Ministry of Science, Industry and Technology.

Netaş achieving high quality R&D results, with its VoIP multimedia labs, which are among the top ten in the world, and a track-record of 43 years in telecommunications R&D and investments on 4G, 5G, IOT, Cyber Security, Core Switching, Evolved Packet Core Technologies. The company provides innovative end-to-end value-added systems integration and technology services in the fields of information and communications technologies. Its customers range from telco providers to public and private enterprises in domestic and international markets. Netaş charts its vision to become Turkey's and Region's #1 systems integrator working as per global standards.

Furthermore, with 800+ R&D engineers and 2200+ employees, Netaş provides a wide array of services to enterprises functioning in various vertical segments, particularly telco providers and those in finance, general industry and defense sectors. Netaş also nurtures strategic partnerships with global technology giants to provide its customers an insight to help them keep pace with and adopt more efficiently the latest developments in the field of ICT, and continues to develop software solutions for more than 200 global operators.

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Vestel Electronics

Organisation Name

Country	Turkey
City	MANISA
Street	High End Factory. VESTEL CITY
Website	http://vestelinternational.com/en/
Phone	
Organisation Type	Company

VESTEL

Person

Name	KAAN SEN
Email	kaan.sen@vestel.com.tr
Job Position	Process Specialist



Organisation Details

Vestel Group is comprised of 24 companies operating in manufacturing, software and technology development, marketing, and distribution fields in the consumer electronics, household appliances, mobile technologies, LED lighting, and defense industries

Vestel was founded and started operation in 1984. The company joined the Zorlu Group in 1994, and since then it has continuously been increasing its production capacity, export activity, and market share.

Vestel Electronics is the TV manufacturing plant of

Vestel Group of Companies.

Vestel's production facilities are located in Manisa in Turkey.

Employing more than 7,488 people, With 256,000 m² of enclosed space,

It has a total annual production capacity of 15 million units.

Vestel received over 66 awards at the most prestigious design contests globally in 2014

Vestel accounts for 90% of the total TV and 30% of the white goods exports in Turkey

Four out of five LCD televisions produced in Turkey have been produced by Vestel

Vestel exports its products to 149 countries under the leading Japanese and European brands

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Cooperation Profiles

Partner: Industry 4.0 Manufacturing Technologies

Vestel is seeking solutions about these concepts, autonomous robots horizontal and Vertical System Integration The Industrial Internet of Things Additive Manufacturing Augmented Reality NOTE: It is very important to have experience in smartphone or television manufacturing processes. You must be familiar with injection moulding machines (engel, euromap63...), smt machines (siemens, OIB...), metal stamping machines (mitsubishi, bosch, OPC...)

Partner: Industry 4.0 Manufacturing Technologies - SOLUTION SOUGHT

ROBOTICS - Process automation. Design, prototyping and control of robots. MANUFACTURING INTELLIGENCE SOFTWARE(MES) - Intelligent monitoring and optimization of industrial and logistics processes. Industrial communications. (Monitoring Solutions - Manufacturing Chains and Production Processes) ADAPTATIVE AND SMART MANUFACTURING SYSTEMS - Smart systems for decision-making in complex processes. ENERGY MANAGEMENT - Optimization of the use of energy and energy supply.

Partner: Industry 4.0 Manufacturing Technologies - PARTNERSHIP SOUGHT

Pilot Projects for Augmented Reality in Maintenance or quality Pilot Projects for Predictive Maintenance Pilot projects for sensor implementations Pilot projects for additive manufacturing (especially for serial manufacturing)

TM Profs

Organisation Name

Country	Netherlands
City	Eindhoven
Street	Torenallee 20
Website	www.tmprofs.com
Phone	
Organisation Type	SME



Person

Name	Sinan Senel
Email	sinan.senel@tmprofs.com
Job Position	CRM



Organisation Details

TM Profs is an engineering company providing know-how for technically challenging projects in several industries with a highly educated & motivated engineering team.

Our core business is engineering consultancy in the fields of mechanical, electrical/ electronics and software engineering. We are mainly active in high-tech, automotive, industrial automation and machinery industries. Our target is to create independent engineering teams with required skills, running projects with our motivation and eventually developing solutions using our know-how.

Areas of Activity

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)

Cooperation Profiles

[Partner: Piezo-actuator for photonics applications](#)

We are working on a piezo-actuated system for photonic-packaging assembly which will be used in datacenters and/or telecommunication sector. As a partner, our initial research will be regarding the right composition of piezo material for achieving required stroke within given dimensions. As soon as the material characteristics and composition are determined, piezo actuation and control will be developed for PIC packaging assembly applications. Our target will be achieving micro-meter accuracy and replicability. We are looking for partners especially with piezo-electric material design and manufacturing know-how.

PAVO TASARIM URETIM ELEKTRONIK TIC

Organisation Name

Country	Turkey
City	Istanbul
Street	PENDİK
Website	www.pavotek.com.tr
Phone	
Organisation Type	Company

Person

Name	ALPER SENER
Email	alper.sener@pavotek.com.tr
Job Position	GMY



Organisation Details

We are experinced on electronic design (IOT,M2M, control and communication) boards and systems. We wish to cooperate SMEs on designing robotics, IOT, micro electronics projects. Beneath we have embedded head-end systems (instead of transaction servers) and want to cooperate on this too.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)

Cooperation Profiles

[Partner: design and manufacturing of an electronic units in Surveliance Systems, IOT, M2M, Robotics](#)

We wish to cooperate on designing a system and want to be respnsible on electronic part. IOT sensor IOT communication component IOT head-end system (instead of transaction server, we want to design embedded head-end electronic) Robotic control electronic and it's algoritms

Ozyegin University

Organisation Name

Country	Turkey
City	Istanbul
Street	Nisantepe Mh.
Website	
Phone	
Organisation Type	University

Person

Name	Murat Sensoy
Email	murat.sensoy@ozyegin.edu.tr
Job Position	Assoc. Prof.

Organisation Details

Özyeğin University is a private, non-profit university located in Istanbul, Turkey.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Koc University

Organisation Name

Country	Turkey
City	Istanbul
Street	Rumelifeneri Yolu - Sariyer
Website	http://microphotonics.ku.edu.tr
Phone	
Organisation Type	University

Person

Name	Ali Serpenguzel
Email	aserpenguzel@ku.edu.tr
Job Position	Professor of Physics



Organisation Details

Welcome to the Koç University Microphotonics Research Laboratory in Rumelifeneri Campus of Koç University in Sariyer district of Istanbul, Turkey.

Koç University Microphotonics Research Laboratory focuses its experimental research efforts on application areas such as microcavity physics, optoelectronic devices, optical fiber communication, silicon photonics, laser spectroscopy, and laser diagnostics.

The state-of-the-art research encompasses the design, fabrication, characterization, and testing of novel photonic and optoelectronic devices and their applications in optical fiber communication and silicon photonics. Photonic and optoelectronic structures such as high quality factor optical microcavities as well as novel dielectric and semiconductor materials are used for the realization of these photonic and optoelectronic devices.

The research efforts are sponsored by Koç University, Yale University, Alcatel-Lucent Technologies, The Scientific and Technological Research Council of Turkey, The British Council, The European Office of Aerospace Research and Development, and The European Commission. The research laboratory is located at the Koç University Rumelifeneri Campus.

The main equipment includes fast pulse lasers such as neodymium yttrium aluminum garnet, dye, carbon dioxide, nitrogen, excimer, titanium sapphire, and continuous wave tunable semiconductor diode lasers (800-1600 nm), optoelectronic communication test and measurement equipment, optical spectrometers (300-3000 nm), optical tables, and various state-of-the-art optoelectronic and optomechanical equipment. Joint research efforts are conducted with Glasgow University, Strathclyde University, Essex University, Harvard University, and the Consiglio Nazionale delle Ricerche, Rome.

The former student members of the laboratory continue their academic careers at Bogaziçi University, Bilkent University, Sabanci University, Yale University, Boston University, University of Central Florida, University of North Carolina Charlotte, Southern Methodist University, University of Washington Saint Louis, University of Colorado Boulder, University of Twente, and Hasselt University. Former graduates are currently working as researchers at the Scientific and Technological Research Council of Turkey, Kocaeli, Intel Corporate Research Laboratories, Santa Clara, California, and BD Medical Research Laboratories in Franklin Lakes, New Jersey, and as faculty members at the Middle East Technical University, Ankara and Ondokuz Mayıs University, Samsun.

Areas of Activity

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)

Cooperation Profiles

Partner: Silicon microspheres and meandering waveguides for photonic integration

Spherical optical microcavities, with their high quality factor morphology dependent resonances, are ideal optical resonators for three dimensional photonic lightwave circuits. In optical lightwave communication areas, such as fiber and integrated optics, silicon microsphere leads itself to various photonic lightwave circuit element applications such as channel dropping filters , tunable filters, optical modulators, and dynamic tuners using optical fiber half couplers manufactured from single mode optical fibers. On the integrated optics side, meandering waveguides are novel integrated optical elements. Meandering waveguides can exhibit a variety of spectral responses such as coupled resonator induced transparency filter, Fano resonator, hitless filter, Lorentzian filter, Rabi splitter, self coupled optical waveguide, and tunable power divider. We would like to collaborate on silicon microsphere resonators, or meandering waveguides, and their practical applications in fiber and integrated optics.

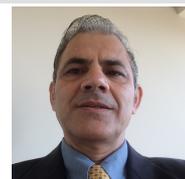
Adi Analytics Ltd.

Organisation Name

Country	Israel
City	Zur Moshe Village
Street	Hatamar
Website	Under reconstruction
Phone	
Organisation Type	SME

Person

Name	Effi Shuv
Email	effishuv@bezeqint.net
Job Position	Founder and CEO



Organisation Details

Based on innovative concept and technology, and using valid and reliable analysis methods – Adi Analytics Smartegy™ solution is a **fully-automated** cloud-based platform converting information and intelligence into key discoveries and actionable insights aligned with the customer’s particular and evolving business and marketing needs.

Areas of Activity

Big Data and Content

- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)

Cooperation Profiles

Coordinator: A fully-automated cloud-based platform enabling to qualitatively plan, measure, make efficient, and capitalize on their business and marketing strategies.

Combining Analytics along with Big Data – Adi Analytics develops an innovative, high-potential, fully-automated cloud-based platform enabling businesses of any size and of any sector – to qualitatively plan, measure, make efficient, and capitalize on their marketing strategies.

Üsküdar University

Organisation Name

Country	Turkey
City	Istanbul
Street	Haluk Türksoy
Website	http://uskudar.edu.tr/en
Phone	
Organisation Type	University



Person

Name	Derya Sismanyazici
Email	derya.sismanyazici@gmail.com
Job Position	Academic

Organisation Details

Üsküdar University is a private university in Istanbul/Turkey

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

ISET Radés

Organisation Name	
Country	Tunisia
City	Rades
Street	RUE ALQODS
Website	www.isetr.rnu.tn
Phone	
Organisation Type	University

Person	
Name	Habib SMEI
Email	habibsmei@gmail.com
Job Position	Teacher/researcher



Organisation Details

ISET Rades is a technologic Higher institute. It forms graduates Licensing and masters in many disciplines like computer sciences, mecanic, electronic, management, ...

The ISET of Rades is created since 1995 and it is situated in Rades, a suburb south of Tunis.

Areas of Activity

Robotics and Autonomous Systems

- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

[Coordinator: Project Idea title: Co-Design Framework of Reconfigurable, fault tolerant and Personalized Smart Systems for IOT](#)

H2020 target Call : IoT-03-2017 Project description: The main idea of the project is to propose a generic environment and framework to Co-design and develop intelligent systems used in IOT environment. These systems can be used in medical equipment, home automation, transportation, video processing and in other fields. Indeed, Nowadays, we found intelligent IOT equipment used in video processing, medicine, water control, electricity, telecommunications, gas, transportation, emergency services, public facilities, buildings, ... All equipment must interact, communicate and exchange data between them in order to improve convenience of citizens and they will respect standards and security policies where they are used. It is highly desirable that these systems can be fault tolerant and reconfigurable in order to adapt to the new environment (when a failure occurs for example) and new performance needs and than can continue operating in degraded mode. to meet these needs, the systems must have the ability to be dynamically reconfigurable. This means changing running behavior. This change can be the functional level ie disable some functions and enable others or also have the ability to migrate from software state to a hardware state at run time and vice versa. Objectives: The project idea will improve the research on new co-design flow of embedded smart systems architecture for IoT that able us to : • Create a framework that integrate a Co-Design flow, which includes tools and approaches that enable the verification of compliance with constraints in a high level of the co-design flow. • Design smart systems that can be fault tolerant, reconfigurable, easy to assemble and taking into account the reuse of these systems. Expected results: This proposition will provide for future smart systems and IOT • Frameworks that permit a fast generation of reconfigurable and personalized smart systems that integrate a higher degree of fault-tolerant and dynamic reconfiguration. • Guarantee the inter-operability of these systems and security of data exchanges over smart components.

University of Tunis El Manar, LIP2 Laboratory, Faculty of Sciences of Tunis, Tunisia.

Organisation Name

Country	Tunisia
City	Manar
Street	Campus Universitaire,
Website	http://www.fst.rnu.tn/
Phone	
Organisation Type	University



Person

Name	Kamel Smiri
Email	smiri_kamel@yahoo.fr
Job Position	Assistant professor, researcher in LIP2 laboratory



Organisation Details

We Work on the proposal of embedded systems (smart systems) in the smart city. we intend establishing partners to validate our project on the development of smarts and configurable systems.

Currently I am researcher at LIP2 / Faculty of Sciences Tunie, Tunisia. We have two partemaines who are specialists in the areas: 1) Company ST Microelectronic in Frensh and 2) TIMA Laboratory, Grenoble Ecole Polythnique, Frensh.

Kamel SMIRI : PhD in computer sciences,

University of Tunis El Manar, LIP2 Laboratory, Faculty of Sciences of Tunis, Tunisia.

Name: Kamel SMIRI

Date of Birth: December 2, 1976

Place of birth: Tunis-TUNISIA

Nationality: Tunisian

Marital Status: Married (two children)

Address: 02 City Attar Mornaguia 1110, Tunis

Gsm: +216 98504059 **E-mail:** smiri_kamel@yahoo.fr;

2012: **PhD in Computer Science**, LIP2 laboratory of the Faculty of Sciences of Tunis (FST).

2005: **Masters degree in Computer Science**, from the Faculty of Sciences of Tunis (FST).

2001: **Engineering Degree in Electrical Engineering, Computer Engineering Option** in National School of Engineers of Monastir (ENIM).

Publications in journals:

[1] **K. Smiri, A. Jemai, A-C. Ammari, 2008**, *Evaluation of the Disydent Co-design Flow for an MJPEG Case Study*, International Review on Computers and Software (I.RE.CO.S.), 2008.

[2] **K. Smiri, A. Jemai, 2009**, *Migration Methodology in MPSoC Based on Performance Analysis via SDF Graph*, Advances in Computational Sciences and Technology (A.C.S.T.), pp. 149-166, 2009.

[3] **K. Smiri, A. Ben Fadhel, A. Jemai, A-C. Ammari, 2011**, *Automatic Generation of Software-Hardware Migra-*

tion in MPSoC Systems, Computer Technology and Application (C.T.A.), 2011.

Communications in International Conferences:

[4] K. Smiri, I. Bennour, A. Baganne, R. Tourki, A. Jemai, 2006, *Behavioral Synthesis Technique for Flexible IP's Communications*, IEEE International Conference on Design & Test of Integrated Systems in Nanoscale Technology (DTIS'2006), September 5-7, Gammarth, Tunisia, 2006.

[5] K. Smiri, M. Moalla, H. Harbague, A. Jemai, A.C. Ammari, 2007, *Kahn Based Performance Model within Co-Design Flow*, 21st European Simulation and Modelling Conference (ESM'2007), October 22-24, St. Julian's, Malta, 2007.

[6] K. Smiri, A. Jemai, N. Chibani, M. Moalla, 2008, *MPSoC Design Flow Based on Performance Estimation*, 16th European Concurrent Engineering Conference (ECEC'2008), April 9-11, Porto, Portugal, 2008.

[7] K. Smiri, A. Jemai, I. Bennour, 2008, *Performance Modelling and Estimation along an MPSoC Flow*, IEEE International conference on Signals, Circuits & Systems (SCS'2008), November 7-9, Hammamet, Tunisia, 2008.

[8] K. Smiri, A. Jemai, 2011, *NoC-MPSoC Performance Estimation with Synchronous Data Flow (SDF) Graphs*, Autonomous and Intelligent Systems (AIS'2011), June 22-24, Burnaby, BC, Canada, pp. 406-415, 2011.

Communication in National Conference:

[9] K. Smiri, A. Jemai, I. Bennour, 2008, *Une Approche de conception des MPSoC orientée estimation de performance*, International Workshop on Systems Engineering Design & Applications (SENDA'2008), October 24-26, Monastir, Tunisia, 2008.

Areas of Activity

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Coordinator: Design of Reconfigurable and Personalized Smart Systems

Design of Reconfigurable and Personalized Smart Systems (H2020 Call: IoT-03-2017 (RIA) R&I on IoT integration and platforms, H2020 Call:ICT-31-2017 (IA) Micro- and nanoelectronics technologies.) The project is to develop intelligent systems for low power consumption and customizable. These systems can be used in the context of smart cities. Indeed, it's modern cities can implement infrastructure (water, electricity, telecommunications, gas, transportation, emergency services, public facilities, buildings, ...) and communicating sustainable to improve comfort of citizens, be more efficient, while developing respect for the environment. These cities will be managed by a network of wireless sensors that can measure multiple parameters of interest. All data is transmitted in real time to the citizens or authorities concerned. For example, citizens can monitor the level of pollution in every street of the city, or receive an alert when the radiation level reaches beyond a certain limit. It also provides an opportunity for authorities to optimize irrigation of parks and lighting of the city. In addition, water leaks can be easily detected, and maps that set out the state of the noise can be created. The bins can also be more intelligent sensors to trigger an alarm when they are almost full. The traffic can be controlled to change the street lighting dynamically. Similarly, traffic can be reduced by detecting systems instead of the nearest parking. Motorists are informed in real time and can quickly get a free place, saving time and fuel. All this reduces pollution and traffic congestion while improving the quality of life. The sensors can also allow the city authorities to control real-time occupation spaces passing on the Blue Zone. Systems design will be for general use, ie that can be reconfigured and customized for a specific task. We deal in this project: - The design of reconfigurable and personalized smart systems, - A new design flow for embedded systems based on: 1) fault tolerance, 2) reduction of energy consumption and 3) dynamic reconfiguration, - The security of exchanges data between smart systems. Partners : 1) TIMA laboratory, Adresse : 46 Avenue Félix Viallet, 38000 Grenoble, France. Téléphone : +33 4 76 57 45 86. url: <http://tima.imag.fr/tima/fr/index.html> 2) STMicroelectronics, STMicroelectronics (souvent appelée simplement ST) est une société internationale d'origine française et italienne,

Emergency Ambulance Physicians Association

Organisation Name

Country	Turkey
City	Izmir
Street	Sair Esref Bulvari Altay Is Merkezi No:18 Daire:301
Website	www.aahd.org.tr
Phone	
Organisation Type	Other



Person

Name	Zeynep Sofuoglu
Email	zeynep.sofu@gmail.com
Job Position	Project Manager



Organisation Details

Emergency Ambulance Physicians Association (AAHD) was established in 2004. All the members are physicians who are working (or directing) in either ambulances or ERs. Members are experienced in responding and planning to medical emergencies and disasters (including CBRN). We organized couple of International Ambulance Rallies; Conferences and Symposiums in the fields of disaster management and emergency services (<http://www.acilteknolojileri.com/en/>)

AAHD was accepted **emergency Ambulance Physicians Association (AAHD)** was established in 2004. All the members are physicians who are working (or directing) in either as a non profit research organization by EU in 2008. Since 2008 AAHD successfully completed 2 FP7 projects:

- **BeSeCu** (Human behaviour in crisis situations: A cross cultural investigation to tailor security-related communication) Security Call
- **BECAN** (Balkan Epidemiological Study on Child Abuse and Neglect) Health Call

Recently AAHD is beneficiary of 2 important projects:

- **SOTERIA** (Online and Mobile Communications for Emergencies) FP7 Security Call
- **NEXES** (NExt generation Emergency Services) H2020 Security Call

AAHD can make valuable contributions to projects / consortiums concerning scenario building, field testing (simulation), demonstration and dissemination tasks for ICT-25-2016-2017 (RIA), ICT-25-2016-2017 (IA), ICT-28-2017 (CSA) and IoT-03-2017 (RIA).

www.aahd.org.tr

Areas of Activity

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

International Institute of Visual Art, Ltd

Organisation Name

Country	Poland
City	Gdansk
Street	Trzy Lipy 3
Website	www.iva.technology
Phone	
Organisation Type	Company

Person

Name	Magdalena Sokol
Email	magdalena.sokol@iva.technology
Job Position	President



Organisation Details

Our company uses comprehensive research facilities in order to run interdisciplinary research and provide world-class services. As such, commercially, the company's activities include: designing, implementing and developing B2B class systems offering the listed below functions:

1. supporting multimedia marketing for a wide range of audiences, with special emphasis on solutions using transparent touch screens LCD/LED/OLED which can be laminated in glass, with the use of a unique technology for creating architectural multimedia constructions, based on such screens,
2. acquisition and distribution of visual information which, in the process of information exchange, uses a series of various media and technical means of communication (the scope of which depends on a particular solution)
3. virtual fitting rooms and mirrors (solutions dedicated predominantly for clothing industry),
4. creating so-called virtual environments, where one can find virtual artefacts, which may be used or interact with the user (such solutions use dedicated applications and, when needed, systems of transparent screens and other devices, creating an illusion of augmented reality).

Areas of Activity

Big Data and Content

- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)

Cooperation Profiles

Coordinator: The project objective is to develop methods, algorithms, tools and formal procedures designed to: place by user 3D scans of objects and architecture in the form of raster graphics and 3D CAD

The main project objectives is to create new, innovative mechanisms which will develop Europeana core service platform. Presented proposal will help to promote the Europe's cultural heritage be creating innovative IT mechanisms which will allow to digitize cultural and historical objects. It will also solve problem of visibility lack, especially across national boundaries. Our project will make that more resources/object of European heritage will be brought online. The visibility of historical objects will be significantly increased. Furthermore, our proposal will use and promote innovative technologies such as: 3D printing, unmanned technology of flying vehicles and cloud computing procedures based on network solutions. The project objective is to develop methods, algorithms, tools and formal procedures de-

signed to:

- place by user 3D scans of objects and architecture in the form of raster graphics and 3D CAD
- confirm by the experts, historical authenticity of audio-visual materials presented by Europeana. Presented proposal will maintain and guarantee further deployment of Europeana's core service platform. In particular, this proposal address the following issues:
- enhance data and aggregation infrastructure to ensure preservation of access to the content already accessible;
- improve data and metadata quality;
- cultural heritage promotion through the creation of a new business service;
- improve content distribution mechanisms to maximise visibility.

To ensure wide promotion of the project Applicant will encourage new content holders to join Europeana and support the relationship between communities of stakeholders during pan-European events, conferences. During the project mechanisms which are listed below will be created:

- mechanism for placing 3D scans of objects in the form of raster graphics and 3D CAD (STL). This mechanism will enable users to 3D print from Europeana data base: souvenirs, historical gadgets or cultural miniatures of museum collections. This tool will allow placing in Europeana platform 3D scans of all historical collections. This services will be used mainly be museums (as entities placing 3D scans in Europeana core platform) and producers of historical souvenirs (who will be print those scans in 3D dimension and the sell). Cultural institutions will be able through this functionality, confirm the authenticity of the scanned objects. Authentication of digitalized historical object will consist of adding to the digital representation of the object (2D, 3D scans, image, video, music, etc..) stored in the resource of Europeana, handwritten signature made by an expert using biometric techniques. Signature of the expert will guarantee the credibility of the work. Biometric technology will prevent forgery of such signatures by unauthorized persons. Create a digital representation of the object will be done by certified laboratories and will be confirmed by accredited experts. Procedures for certification of laboratories and accreditation of experts will be developed under the Project. The data bear a certificate of authenticity (containing, among others, the biometric signature accredited expert) will be able to be used as a reliable historical sources, eg. scientific researches or in the tourism industry. Benefits of this services appear on two sides:
 - o cultural institutions will be able to promote its business by placing and presenting own collections in 3D dimension in Europeana platform;
 - o business entities will be able to use this 3D scan to produce and sell the historical souvenirs (access to the 3D models of objects would need the license setting out the terms and conditions of access. Also access to 3D objects would be payable so that the funds would appear on 3D scanning services in cultural institutions).
- mechanism allowing to collect data as an images or videos of the European architectural monuments. It will improve education of Europeans in the field of European architecture. This functionality allows to show the details defining the architectural period and style across all Europe. It will give the great possibility to organize exhibitions, showing changes over the years and presenting architectural elements which are not normally visible. All photos/images will be made using drones, which reduces costs and allows to shoot objects to which access is very difficult. Also this mechanism will allow to data exchange, create a knowledge base for scientists, children who can learn the history of the region or country.
- long-term preservation of digitized data utility - to develop archiving policies and develop procedures related to the usefulness of digitized data. Project will answer the need for a secure and long-term storage of computer data. Problem of data storage is becoming more serious; especially in cultural institutions. Storage problem itself is not only issue to resolve. Collected data must be properly stored and it must be available for user for a very long time. Maintain the utility of data is crucial and is the most important issue to solve.). Solution will help to:
 - o increase Europeana data security,
 - o provide the ability to store data indefinitely,
 - o provide data integrity and utility warrantee during the whole period of archiving,
 - o allows to store data as long as it needed, for example 50 years,
 - o avoid capital expenditure on IT in cultural institutions.
 All of these problems will be solved by supplement existing network file system technology by specific procedures. Proposed solution will ensure the availability of data over a long period of time. Those mechanisms and procedures will connect Europe by making culture available for everyone users (citizens, students, researchers) to explore cultural heritage all across Europe. Proposed functionality will develop new products and services (in terms of: design 3D tools, educational content and secure digitized Europeana's data. Proposed project will add value to the cultural collections and provide new user experiences, in full compliance with copyright law. Finally, implementing mechanisms listed above will increase cost savings for cultural institutions (on digitisation, ICT expenditure) and it will help promoting the cultural institutions. Examples of use:
 - Europeana's certified laboratory performs 3D scan of globally unique historical object and the "issues" it will EUROPEANA,
 - accredited by Europeana expert confirms the authenticity of the issued material and place their signature,
 - museum, cultural institution or even business entities, based on a 3D scan takes 3D printing or order 3D print certified laboratory and is satisfied that the copy is a copy made of the authentic object, not fake.

Our proposal:

- aim at enhancement of interoperable and, whenever possible, internationally compatible core service platform, accompanied by generic services for digital service infrastructures through placing in Europeana service core platform new mechanisms;
- provide efficient investment vehicles for broadband networks, attract new categories of investors and project promoters, and encourage replicability of innovative projects and business models. Our service will improve Europeana platform and it will attract new investors, stakeholders and encourage new content holders to join Europeana. Europeana platform become more attractive platform for cultural institutions and SME entities. Our proposal contribute with following objectives:
- economic growth and support to the com-

pletion and functioning of the internal market in support of the competitiveness of the European economy, including small and medium-sized enterprises (SMEs); • improvements in daily life for citizens, businesses and public authorities at every level through the promotion of broadband networks, interconnection and interoperability of national, regional and local broadband networks, as well as non-discriminatory access to such networks and digital inclusion. Our project aims is to complement the collections which have been made accessible to Europeana. It will play an important role by involving business entities with recognised expertise in 3D data acquisition and modelling in establishing a full production pipeline. This will cover all aspects of a 3D digitisation project from planning and obtaining permissions, selection of methods and tools, data acquisition, post-processing, publication of content online, and metadata capture to making the content available to Europeana. Presented proposal is aligned with relevant policies, strategies and activities at European and national level. Actions planned in the project contribute to the implementation of a number of intertwined policies, including:

- Digital Agenda for Europe (DAE), which recognises digitisation and online accessibility as key areas for turning cultural heritage into an asset for individual users and an important building block for the digital economy:
 - o Our proposal goal is to reduce the barriers which block the free flow of online services and entertainment across national borders;
 - o Presented project is set to protect all digital data by creating secure procedures for data archiving which will be interact seamlessly anywhere (in very heterogeneous IT environment);
 - o One of the project objective is to create a interoperable 3D printing mechanisms which will be interact seamlessly anywhere;
 - o Our proposal drive forward the digitisation of Europe's cultural heritage providing online access for all. Every Europe citizen will have possibility to see digitalised object and buildings in 3D technology. 3D scan will give experience that the user is museum and he/she can see the object on each side. 3D photo realism is much greater than in the case of 2D photographs.
- Commission Recommendation on the digitisation and online accessibility of cultural material and digital preservation (October 2011) and related Council Conclusions (EYC Council, May 2012), which challenge Member States to get more material online and ensure the long-term preservation of digital material:
 - o Another project's aim is to bring out the full economic and cultural potential of Europe's cultural and scientific heritage through the Internet. Thanks to our project many companies will be able to use (through the purchase of licenses) 3D scans and produce and sell historical souvenirs and gadgets.
 - o The online presence of historical, cultural objects and architecture (presented in 3D dimension) from different cultures and in different languages will make easier for citizens to appreciate their own cultural heritage as well as the heritage of other European countries.
 - o Beyond its fundamental cultural value, cultural material is an important resource for new added value services. The measures recommended will contribute to enhancing growth in related high value-added sectors such as tourism, education and media. High-quality digital 3D content is a key driver for large scale industrial activities.
 - o Our solution corresponds to a very serious problem - the need to store data for a long period of time. According to those issues a few other problems are appearing: data confidentiality, its authenticity and completeness. Creating and establishing new procedures will guarantee that data preservation will be maintained for many years. Digitisation and digital preservation are knowledge-intensive activities that are likely to grow considerably in the coming years. This is one of the our project idea.
- Europeana, which showcases the implementation of the recently revised Directive on the re-use of Public Sector Information (June 2013), bringing museums, libraries and archives within its scope:
 - o Our proposal encourages EU member states to make as much public sector information available for re-use as possible. Thanks to 3D scanning possibility all European citizens will have access to resources shown in museums or located in other countries.
 - o Open data have a high potential for use as the basis for new products and services, which means also generating economic added value for the European economy. Our project will allow to create new business service - use of 3D scans for the production of historical souvenirs. Presented proposal support economic growth of European entities, such as: companies and cultural institutions. Printing in 3D dimension is innovative technology. The promise of 3D printing has many of us spellbound, and indeed the ability to conjure up objects on demand could completely change our lives. In homes, offices and workshops around the world, this revolution is only just beginning - mainly with equipment designed for small-scale production at a leisurely pace. Innovations such as these could ring in a new era for the manufacturing industry. Basically, a 3D-enabled factory would be freed from long lead times and high set-up costs, and so could turn out a wide variety of products as and when required. Any manufacturable object, once drawn, could be produced at short notice. Moreover, 3D printing market is so dynamic that no one is able to give precise estimates for the individual segments. The most obvious gain of 3D printers is the ability to form an object without specialized line. Besides, the printer allows you to create sophisticated shapes, complex mesh of thin parts, which can not be achieved by means of an injection molding machine. The advantage is a lower price form a single object. Given the calculations for large professional equipment, 3D printing is more cost effective on mass production with a series of less than 1000 pieces. 3D printing is currently still niche service - but the pace of its dissemination by the fact that so far in 2004 their global sales slightly exceeded a thousand pieces then in 2011 r. used in the world of 3D printers exceeded 100,000. The pace of development of this market, however, shows that his niche status may have in a decade thing of the past. What's more, gradually growing market of services built around 3D printing - on your home computer generated STL file describing the 3D solid, you can transfer the Internet to the company, which will perform on the

basis of a physical object. Thus, there is the possibility of using advanced equipment without incurring any expenditure beyond the budget of most households. We can print a historical object for a very low price at home. 3D printing is very useful for companies which produce historical souvenirs. Using our functionality they can print every historical object in small size and then sell it like a souvenir or decoration. Those companies gain two advantages: • lower costs by tens of percent, • several times shorter development time. So wins with its competitors in two key for companies in the SME segment elements - flexibility and competitive pricing. European Union wants to stimulate the development of 3D printing and digital design. The impact of 3D printing and digital manufacturing on the existing industrial organisation and on the economy and society at large are potentially huge: • 3D printing will reduce the labour cost of manufacturing to near-zero%, thereby completely modifying the existing international division of labour and the resulting globalisation of our world. • The consequences will be to repatriate a significant fraction of the manufacturing capacity from Asia to Western countries and to reduce logistic costs, in particular maritime fret with a considerable impact on the container shipping industry, as well as on the carbon footprint of that industry. • Mass-production will be superseded by mass-customization. On the supply side, firms will no longer compete for providing cheaper goods in the market place, but for being able to rapidly adapt to changing needs of their individual customers. • On the demand side, one can expect important change of consumption patterns, with better and unique products being swiftly delivered, to the point that it could impact the sense of ownership of goods by individuals. Proposal will develop a new way of purchase pattern/scheme of object which is intend to produce/replicate. Producer who wants to produce the object (as a souvenir) buys a license at Europeana platform and starts production using 3D printer. Throughout the world, the souvenir trade is an important part of the tourism industry serving a dual role, first to help improve the local economy, and second to allow visitors to take with them a memento of their visit, ultimately to encourage an opportunity for a return visit, or to promote the locale to other tourists as a form of word-of-mouth marketing. Souvenirs are a tangible part of the tourism experience. Souvenirs provide an excellent opportunity to potentially worldwide advertising with a potentially lucrative economic activity. Our proposal contribute to improvement of core service platform of Europeana. Our project address the interoperability and security needs of projects of common interest. Presented proposal intended to enable digital interactions between public authorities (ex. Museums) and citizens, between public authorities and businesses through standardised, cross-border, and user-friendly interaction platform/service. Our proposal is not entirely focused on the improving Europeana's digital service infrastructures but also on the governance and management relating to the operation of Europeans platform (through implementation of procedures for the storage and data management). The project will contribute significantly to the development of Digital Service Infrastructures (DSI), enabling a wide range of customers access to the European cultural heritage. Access to system resources will be possible through modern and user-friendly digital services and attractive forms of man-machine interaction. The data will be shared and passed on to end users through multiple channels of information, subsystems and the techniques and technologies of data presentation and customized in terms of the presentation of the various user groups. The proposed system will make available a wide range of digital services enabling ex.: efficient, scalable, secure and comprehensive access to defined and digitized (in 3D dimension) data on historical issues. Access to system resources will be possible through Internet services and other information channels using modern technology and communication technologies. Those mechanisms will be attractive from a visual and substantive point of view for a wide spectrum of end-users. The proposed system will remain open for integration with other software modules of the application and will allow the extension of additional functional modules, which will be able to be developed in the future. The system will provide access to multilingual digital services to stakeholders (citizens and businesses). Stakeholders thanks to used mechanisms can obtain access to selected services and forms of presentation of data in each EU Member State. Presented proposal also fits into the concept of manufacturing in Europe logically coherent digital services market, which is an important part of the market for the digitization of cultural heritage. The development of digital market will certainly contribute to the popularization of the cultural Pan-European aspect. The project is part of the idea of innovation development of European society based on growth of intellectual capital and the use of positive of digital momentum. The project also fits into the concept of development of the digital integration of the European community and historical education. The project will also contribute to the so-called. digital inclusion societies of all EU Member States and will have a positive impact on the reduction of the digital divide, even for people who do not have any skills.

ÖLÇSAN

Organisation Name

Country	Turkey
City	ISTANBUL
Street	SALİH TOZAN SOK. 23/4
Website	WWW.OLCSANCAD.COM
Phone	
Organisation Type	Company

Person

Name	Burak Sondal
Email	burak.sondal@olcsanacad.com
Job Position	General Manager

Organisation Details

OLCSAN CAD Teknolojileri is a solution provider and system integrator for physical and logical security, critical infrastructure and defense systems, biometric, smart cards, mobile systems, RF-ID, IOT, Enterprise Management Applications, Border Control and Interactive Education systems in Turkey and the EMEA region. OLCSAN product portfolio includes biometric solutions, smart cards/terminals/printers and applications, RF-ID and mobile hardware & software, PKI, logical & physical access control equipment, transportation equipment as well as many others. The company is providing turnkey solutions and consultancy services to Government, Finance, Health, Transportation and Telecommunication, Defense and Education sectors. OLCSAN has also R&D facilities and are undertaking several research projects.

OLCSAN headquarters are in Esenyurt, Istanbul and it has offices in Mecidiyekoy and Maslak, Istanbul.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: [intelligent self operational field devices](#)

Amba Consulting (UK) Ltd

Organisation Name

Country	United Kingdom
City	Melton Mowbray, Leicestershire
Street	21A Market Place
Website	
Phone	
Organisation Type	Consulting

Person

Name	Philip Sowden
Email	philip.sowden@hotmail.co.uk
Job Position	Director

Organisation Details

International consultancy business specialising in the design, management and evaluation of business support programmes to encourage innovation and productivity.

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: [SME Innovation Development Programmes](#)

Interested in all types of SME support programmes to encourage innovation, productivity, design and quality. The adoption of ICT and related advanced technologies are of particular interest.

Marmara University

Organisation Name	
Country	Turkey
City	Istanbul
Street	Marmara University Goztepe Campus Faculty of Engineering Department of Computer Engineering Kadikoy
Website	http://mimoza.marmara.edu.tr/~mujdat.soyturk/
Phone	http://www.venit.org/
Organisation Type	University



MARMARA
UNIVERSITY



VENIT-RG
www.venit.org

Person	
Name	Mujdat SoyTURK
Email	mujdat.soyturk@marmara.edu.tr
Job Position	Asst.Prof.



Organisation Details

Positioned in the Department of Computer Engineering, at Marmara University, the **Wireless Networks and Systems Research Group**, *WiNS-RG*, focuses on novel and innovative researches in the field of networking. Research areas include Internet of Things (IoT), Wireless and Mobile Networks, Wireless Sensor Networks, Vehicular Networks, Delay/Disruption Tolerant Networks, Wireless Local Area Networks, Green Networking, Machine to Machine (M2M) Communication.

Our aim is to bring in new and novel studies comprising protocol, network and system design; testing and measurement of the systems; developing applications and systems in the field.

With recent developments and interests in **Low Power Wide Area Networks (LPWAN)**, we focused on the design of LPWAN radio modules and on wide-area system deployment. Last but not least, building energy efficient and robust systems for **Smart Cities, Smart Transportation, Green Communication and Industry 4.0**.

Close to 3,000 academic personnel, Marmara University is one of the most important institutes of higher education in Turkey. Department of Computer Engineering (in the Faculty of Engineering) is one of the high skilled department in the university as well as Turkey.

Areas of Activity

Internet of Things	ICT Key Enabling Technologies
<ul style="list-style-type: none"> IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €) 	<ul style="list-style-type: none"> ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €) ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
Big Data and Content <ul style="list-style-type: none"> ICT-15-2016-2017 (IA) Big Data PPP (25 mill €) ICT-16-2017 (RIA) Big data PPP (33 mill €) 	

Cooperation Profiles

[Partner: IoT-based projects e.g. SmartCity, Transportation, Industry 4.0](#)

Assistant Professor in the Department of Computer Engineering, Faculty of Engineering, Marmara University, Istanbul, Turkey Mujdat SoyTURK is the director of two research groups, namely, Vehicular Networking and Intelligent Transportation Systems Research Group (VeNIT-RG) (www.venit.org) and Wireless Networks and Systems Research Group (WiNS-RG) (<http://mimoza.marmara.edu.tr/~mujdat.soyturk/WiNS-RG/default.html>). Research interests are specifically more focused on Vehicular Networks and V2X Communications in recent years, in addition to the research on Internet of Things (IoT) and Wireless and Mobile Networks. Performance evaluation of the various network types are the strongest skills in addition to statistical analysis of the performance results. Have experience and skills on network modelling and simulation. Research interests include the following topics: • V2V and V2X Communications • Vehicular

Ad Hoc Networks (VANET), Connected Cars • Intelligent Transportation Systems (ITS) • Internet of Things (IoT) and Big Data: Sensing and Networking • Wireless and Mobile Networks • Sensor & Ad Hoc Networks

Turkey in Horizon 2020 / IDI Ltd

Organisation Name

Country	Turkey
City	Ankara
Street	And Sokak 8/9 Akasya Apt.
Website	http://www.turkeyinh2020.eu
Phone	
Organisation Type	Consulting

Person

Name	Odysseas Spyroglou
Email	o.spyroglou@idi.ie
Job Position	Key Expert in H2020, IPR, Legal & Financial



Organisation Details

"**Turkey in Horizon 2020**" project is aimed to strengthen the capacity of Turkey in Science, Technology and Innovation and facilitate the integration of Turkish Research Area to European Research Area. TUBITAK is the beneficiary of the Project which targets to increase the participation of Turkish organizations in the EU Framework Programme for the Research and Innovation: Horizon 2020. The project is co-financed by the EU and Republic of Turkey. The Contracting Authority of the project is Central Finance and Contracts Unit. TUBITAK is the national coordinating body of EU Framework Programmes in Turkey.

Our team is here to support Turkish public and private organisations, industry and SMEs to maximise their benefits from Horizon2020. Turkey has an excellent opportunity to increase the participation of its SMEs, foster innovation and bring together researchers and entrepreneurs from Europe and Turkey. The project offers workshops & training, consultancy services, legal, financial and IPR support for [Horizon 2020](#) proposals through a helpdesk, evaluation services plus collaboration and communication tools for networking with the Information Multipliers!

We are also happy to support European organisations get together with their Turkish counterparts and develop successful proposals.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & bench-

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

- marking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
 - ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

BEIA Consult International

Organisation Name

Country	Romania
City	Bucharest
Street	Str. Peroni Nr. 16, Sector 4
Website	http://www.beiaro.eu
Phone	
Organisation Type	SME



Person

Name	George Suciu
Email	george.suciu@beia.ro
Job Position	General Manager



Organisation Details

Our organisation type is: R&D performing SME

We are active in the following Technologies: Service innovation, Hardware, sensors, actuators, Information technologies, data storage and processing (back end), Interfaces, software (front end), Integration, Communication technologies / Tele-systems, Learning & Training, Standardization, Communication / Dissemination / Marketing, Business development, Project management

Applications: Health & wellness, Home care, Information and learning, Mobility, Safety, security, privacy, Skills enhancement, Social interaction, Supply with goods & chores, Work

Beia Consult International is a R&D performing SME, founded in 1991, and it is one of the leading providers of telecommunications equipment and solutions in Romania for enterprise cloud communications and telemetry. The company's references include over 5,000 turn-key projects for advanced IT and communications solutions. BEIA is certified ISO 9001, 14001, 18001 and 27001.

BEIA has many partnerships in Romania with industrial manufacturers, academics, large enterprises and SMEs including, University "Politehnica" of Bucharest, Research Institute for Artificial Intelligence (Romanian Academy), Romanian Space Agency, National Institute for Research and Development in Electrical Engineering. And finally, Beia is a member of various professional organizations such as ARIES, PMI, IEEE, AHK, IPMA.

Expertise & Competences

BEIA has R&D expertise in Cloud and embedded M2M (Machine 2 Machine) telemonitoring applications, one of the R&D results consist in "IP-Wireless-Telemetry" experimental system: Remote Terminal Unit (RTU stand alone, GPS location, data acquisition and processing, command and control, GPRS/CDMA on-line data transmission with TCP/IP embedded); Field Interface Unit – communications server; client application (fleet management, data monitoring and command), human machine interface.

BEIA develops an agriculture monitoring platform for monitoring ecological parameters and environmental telemetry. BEIA has experience in sensor networks for real-time monitoring (including seismic activity, radioactivity, tsunamis, marine/maritime activities) and with telemetry systems for Irrigation Management (including sensors for measuring soil moisture, monitor water uptake and calculate evapotranspiration), Accurate Water Data (watersensors for hydrographical purposes, from precipitation to water level monitoring of lakes, rivers, wells) and Efficient Water Management (leak and burst detection, pressure, flow, level and well monitoring).

More use IoT use cases can be found here: <http://eng.beia-telemetrie.ro>

Also BEIA has experience with software for Energy Remote Management System and manages an ongoing project "TELE-GREEN / Telemonitoring System equipment, installations and facilities for the production of clean energy" co-fi-

nanced by the European Regional Development Funding.

BEIA has completed more than ten National and EU R&D projects which have resulted in international projects such as "REDICT", a FP7 EU-financed project, projects financed from the "National Plan for Research, Development and Innovation" including: TERRA_RO, LOCOMAX, MITEAPL, SAWHAU, SEDCC and finally, projects financed through the "Research of Excellence Programme": ARTEMIS, RO-IP-Wireless-Telemetry, HIBRIVOLT, PRO-EURO-TIC.

Also BEIA has started the EU projects "CLOUD CONSULTING", "FAIR" and "NMSDMON" in the field of Cloud and IoT (Internet of Things) that will serve to industrialize the cloud communications solutions.

More projects can be found on our projects website : <http://www.beiario.eu>

Products and services

Contact/Call Centers, Enterprise Communications (IT&C integration hardware, software, network), Local telephone and data networks, Small Office and Home Office Communications (PABX, phones), PCM and XDSL transmission, Tele-monitoring (IP / Wireless SCADA), Structured Cabling and other Network Construction Elements, R&D for complete ITC Projects, Communication Solutions : PABX, voice mail, IVR, softphone, Call Centre applications, VoIP services, ERP/CRM development and integration, Text-To-Speech, Automatic Speech Recognition, Technical testing, Testing of market related features, Implementation, and Managed Services & System Integration.

Ongoing projects (know-how can be used for current requirements - develop hardware and/or software and adapt these tools to Horizon 2020, Eureka and other calls)

SARAT-IWSN : Scalable Radio Transceiver for Instrumental Wireless Sensor Networks

COMMCENTER: Developing of a "cloud communication center" by integrating a call/contact center platform with unified communication technology, CRM system, "text-to-speech" and "automatic speech recognition" solutions in different languages (including Romanian)

NMSDMON (Eureka) : Network Management System Development and Monitoring

FAIR (Eureka) : "Friendly Application for Interactive Receiver" is a tool to provide the mobile user with reviews, ratings and detailed online information services.

eWALL (FP7) - Electronic Wall for Active Long Living

ACCELERATE (ITEA): A Platform for the Acceleration of go-to market in the ICT industry

ASUA (Celtic): Advanced Sensing for Urban Automation

MobiWay (National): Mobility Beyond Individualism: an Integrated Platform for Intelligent Transportation Systems of Tomorrow

EV-BAT (National): Redox battery with fast charging capacity as a main source of energy for electric autovehicles

Carbadetect (National): Imuno-biosensors for fast detection of carbamic pesticide residues (carbaryl, carbendazim) in horticultural products

SWITCH (H2020): Software Workbench for Interactive, Time Critical and Highly self-adaptive Cloud applications

Speech2Platform (Eurostars): Smart, natural language semantic analyser platform to process oriented back-ends

Power2SME (Eurostars): Cloud Platform for intelligent energy use by SMES

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)

- the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

[Coordinator: Telemetry M2M / IoT Applications \(eHealth, Agriculture, Energy, Water\) across a Distributed Cloud Platform](#)

BEIA Consult International is a R&D performing SME, founded in 1991, and it is one of the leading providers of consultancy and engineering solutions in Romania for M2M, IoT and telemetry. The company's references include over 5,000 turn-key projects for solutions in various domains: local and central administration, industry and agriculture, power generation, environmental protection, public health, education and culture, national defense and intelligence. Also, BEIA is certified ISO 9001, 14001, 18001 and 27001. BEIA has many partnerships in Romania with industrial manufacturers, academics, large enterprises and SMEs including, University "Politehnica" of Bucharest, Research Institute for Artificial Intelligence (Romanian Academy), Romanian Space Agency, National Institute for Research and Development in Electrical Engineering. And finally, Beia is a member of various professional organizations such as ARIES, PMI, IEEE, AHK, IPMA. H2020 ANY, including SME Instrument and Eurostars INNOVATIVE ASPECTS AND MAIN ADVANTAGES BEIA Consult International has delivered several R&D projects where cloud, IoT, big data and wireless heterogeneous network technologies are studied and experimented. BEIA develops an agriculture monitoring platform for monitoring ecological parameters and environmental telemetry: We use different types of RTUs and Sensors that monitor and transmit important information such as temperature, precipitation, wind speed, soil condition and leaf wetness from selected locations. The RTUs will transmit sensor data to our cloud platform where we can conveniently process the site-specific weather and soil data in near real-time, display it in our web-based visualization application and get detailed recommendations when and where to spray and how much to irrigate - resulting in optimized yield, quality and income. In previous approaches RTUs were implemented in most cases on a local server and no company could aggregate enough sensor data to consider automating the treatment process. Furthermore, BEIA is developing sensor networks for real-time monitoring (including seismic activity, radioactivity, tsunamis, marine/maritime activities, floods) and manages an ongoing project "SaRaT-IWSN" (Scalable Radio Transceiver for Instrumental Wireless Sensor Networks) to design and to validate at experimental model level a new generation of WSN for neutrino detection and alerting. Also Beia manages two ongoing projects following Eureka programme in the field of Cloud and IoT: FAIR (Friendly Application for Interactive Receiver) and NMSDMON (Network Management System Development and Monitoring). Currently, BEIA is developing a M2M Telemetry with sensors for various use cases (such as environmental Temperature, Air Humidity, Leaf wetness, Precipitation intensity, Wind speed, Solar radiation, Water level, etc.) Furthermore, BEIA team has worked on FP7 project eWALL (Electronic Wall for Active Long Living) and ITEA project ESTABLISH (Environmental Sensing To Act for a Better quality of Life: Smart Health). Finally, we are looking for suitable partners for extending the above mentioned projects to the upcoming calls (SC1-PM, SC1-HCO, etc.).

Viko by PANASONIC

Organisation Name

Country	Turkey
City	Istanbul
Street	Ebubekir 44
Website	
Phone	
Organisation Type	Company

Person

Name	Sultan SÜZER
Email	silbay@viko.com.tr
Job Position	R&D Project Management Manager



Organisation Details

VIKO ELEKTRİK ve ELEKTRONİK END. SAN. ve TİC. A.Ş. (Member of the Panasonic Group), İstanbul, TURKEY was founded in 1980 and is a supplier of lighting switches, power sockets and many other electrical products like electric meters and circuit breakers. The annual production covers 100 million electronic products for the household sector.

With the start of the year 2014, VIKO and Panasonic built up a strategic partnership and VIKO gained a place among Panasonic group companies. Panasonic, which was established in the year 1918, and which has the biggest market share in the Asia continent, took a step into the strategic partnership process with VIKO on the basis of the vision to be at the top in the low voltage sector around the world in its 100th year (2018). Panasonic, which currently ranks the second in the market, targets to fulfill its vision to expand to Europe, CIS countries and African markets and to be the number one around world with the high-end markets and the strategic position of VIKO by way of this partnership.

Areas of Activity

Big Data and Content

- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)

Cooperation Profiles

Partner: [We have project ideas and looking for partners](#)

Triodor Software

Organisation Name

Country	Turkey
City	Istanbul
Street	Aydinevler Mah. Durak Sk.
Website	www.triodor.nl
Phone	
Organisation Type	SME



Person

Name	Gonenc Secil Tarakcioglu
Email	g.tarakcioglu@triodor.eu
Job Position	R&D Manager



Organisation Details

Triodor Software is an international software development company providing high-quality services and solutions used in more than 35 countries in the world. The head office is in Amsterdam, and the company has an R&D office in Istanbul, as well as offices in Leersum (the Netherlands) and Michigan (USA).

Triodor Software counts more than 100 employees covering diverse fields and specialisations, and has set up partnerships with many other companies in the fields of both business and technology. Major projects are operating in gaming, agriculture, dairy, machinery, finance, logistics and call center sectors. Collaboration with customers starts with mutual projects, those projects turn in to dedicated teams and the co-operations often turn in to partnerships. Triodor is also a partner in a number of joint ventures and startups.

Triodor has a unique international position as an "innovation sourcing company". This role distinguishes from regular software/technology providers by the ability of translating the technology into new businesses and providing added value to the strategic vision, which surely goes far beyond only understanding the customer needs. And this necessitates certain virtues such as deep technology knowledge, rich expertise involving different sectors and effective communication through agile development philosophy. The projects are conducted in the R&D Center in Istanbul, which has been consecutively awarded to be, among various other awards, Turkey's best software R&D Center in 2013, 2014 and 2015, and exported to the world.

The talented engineering team in Turkey is experienced in large-scale software and robotics systems combining business ideas with know-how of M2M communication, IoT, machine learning, mobile, wearables or gamification. What is learnt from game design and development, is translated in other domains such as novel applications in farming or call center. The agile project management approach helps with increasing the flexibility and adaptiveness, hence, the success rate of the projects.

Experience of working on EU Programmes, National Programmes and Publications

With its novel projects, Triodor is very actively collaborating with industry partners, universities and government which regularly turns into several national funding projects every year. Since 2015, our company has been participating in H2020 consortia as a software partner, as well, being involved in tasks related to big data analysis, games and gamification. Besides the commercial market solutions, these project result in many MSc and Phd theses, scientific papers and patents.

We believe in growing together with collaborations and are aware that Triodor's expertise and already existing com-

munity may very well contribute to the goal of the proposed project. For more information please contact us and visit our website: www.triodor.nl.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)

Cooperation Profiles

[Partner: Robotics - Advanced Robots in Agriculture](#)

Triodor is carrying out embedded software and robotics projects especially for farming industry including feeding and cleaning robots active in many countries worldwide.

[Partner: Industry 4.0 - Industrial Automation Systems](#)

Triodor offers management information system solutions incorporating machine-to-machine and machine-to-human communication for performance monitoring and optimization, preventive maintenance, production planning in various sectors. Agricultural Automation Egg Tracking Automation and Communication Applications Egg Grading and Distribution Practices Logistics

TUBITAK

Organisation Name

Country	Turkey
City	Kocaeli
Street	MAM
Website	
Phone	
Organisation Type	R&D Institution

Person

Name	Zuhal Tasdemir
Email	zuhal.tasdemir@tubitak.gov.tr
Job Position	Senior Researcher

Organisation Details

The company I work for is the same company which organizes this event, TUBITAK.

Areas of Activity

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)

Ford Otosan A.Ş

Organisation Name

Country	Turkey
City	Kocaeli
Street	Denizevler mah. Ali uçar cad.
Website	
Phone	
Organisation Type	Company

Person

Name	Seda Tatlı Kaptan
Email	sedatatl5@gmail.com
Job Position	Import Warehouse Team Leader

Organisation Details

Automotive sector

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Melisinurconsultancy

Organisation Name

Country	Turkey
City	bursa
Street	istanbul caddesi buttim işmerkezi kat.4 no.4186
Website	
Phone	
Organisation Type	Consulting

Person

Name	yahya temel tatlısu
Email	temeltat@hotmail.com
Job Position	consultant



Organisation Details

Im adviser for SME companies,Im doing RD Porjects for them,mostly they prefer kosgeb for their RD Projects,Im preaparing some projects for H2020 ICT for SME.

Areas of Activity

Robotics and Autonomous Systems

- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Cooperation Profiles

Partner: [consultant](#)

I want to be partner for a projects which aim robotic tecnology.

TUBITAK MRC

Organisation Name

Country	Turkey
City	GEBZE
Street	BARIŞ CD
Website	
Phone	
Organisation Type	R&D Institution

Person

Name	CİHAT TAŞALTIN
Email	cihat.tasaltin@tubitak.gov.tr
Job Position	Researcher



Organisation Details

Since its establishment in 1972, TÜBİTAK MARMARA RESEARCH CENTER (MAM) performs its operations in “TÜBİTAK Gebze Campus” in the City of Kocaeli. The Center aims at becoming a world leader in science and technology production with its research, development and innovation capabilities widely shared by its Environment and Cleaner Production Institute, Energy Institute, Genetic Engineering and Biotechnology Institute, Food Institute, Chemical Technology Institute, Materials Institute and Earth and Marine Sciences Institute.

TÜBİTAK MAM is one of the leading organizations of the advanced technology world thanks to its ability and capacity of research, research infrastructure and world class administrative and operational process management. With its customer oriented approach, it offers original solutions to public, private and military agencies and institutions. These solutions are materialized through basic researches, applied research and development, technology transfer, innovation, system and facility construction, national standard and norm setting, professional consulting and training activities.

Areas of Activity

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Istanbul Mineral and Metals Exporters' Association (IMMIB)

Organisation Name	
Country	Turkey
City	Istanbul
Street	Dış Ticaret Kompleksi A Blok Çobançeşme Mevkii Sanayi Caddesi Yenibosna-Bahçelievler
Website	
Phone	
Organisation Type	Association/Agency

Person	
Name	Murat TAŞKIN
Email	murat.taskin@immib.org.tr
Job Position	Specialist



Organisation Details

General Secretariat of Istanbul Mineral and Metals Exporters' Association (İMMİB), founded in 1986, is a semi-governmental and nonprofit organization.

İMMİB, carries out an outstanding role representing around 22.000 members who produce and/or export almost all kinds of minerals, natural stones, chemicals and chemical products, ferrous and nonferrous metals, electrical/electronics, cosmetics, jewellery and many more. Thus, İMMİB is composed of 6 Exporters' Associations, which are;

- Istanbul Ferrous and Non-Ferrous Metals Exporters' Association (İDDMİB)
- Istanbul Mineral Exporters' Association (İMİB)
- Istanbul Chemicals and Chemical Products Exporters' Association (İKMİB)
- Electrical Electronics and Service Exporters' Association (TET)
- Jewellery Exporters' Association (MİB)
- Steel Exporters' Association (ÇİB)

The main activities of İMMİB are as follows:

- **Export Registration;**
- **Trade Promotion and Development;**
- **R&D, Innovation and Design Activities;**
- **Economic Research and Reporting;**
- **Consulting;**
- **Coordination and Public Relations;**
- **Training;**
- **Publication;**

The main areas in which İMMİB is carrying activities and taking part in projects in order to increase competitiveness level of the members are as follows:

- Entrepreneurship
- Vocational Education;
- Industrial Design;
- Green Economy and Sustainability;
- Circular Economy;
- Clustering and Industrial Symbiosis;

- R&D and Innovation;
- Corporate Social Responsibility;
- Competitiveness of SMEs

Areas of Activity

Big Data and Content

- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Robotics and Autonomous Systems

- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)

Cooperation Profiles

Partner: ICT-20-2017 / ICT-27-2017 / ICT-31-2017

General Secretariat of Istanbul Mineral and Metals Exporters' Association (İMMİB), founded in 1986, is a semi-governmental and nonprofit organization. İMMİB, carries out an outstanding role representing around 22.000 members who produce and/or export almost all kinds of minerals, natural stones, chemicals and chemical products, ferrous and non-ferrous metals, electrical/electronics, cosmetics, jewellery and many more. Thus, İMMİB is composed of 6 Exporters' Associations, which are; • Istanbul Ferrous and Non-Ferrous Metals Exporters' Association (İDDMİB) • Istanbul Mineral Exporters' Association (İMİB) • Istanbul Chemicals and Chemical Products Exporters' Association (İKMİB) • Electrical Electronics and Service Exporters' Association (TET) • Jewellery Exporters' Association (MİB) • Steel Exporters' Association (ÇİB) The main activities of İMMİB are as follows: • Export Registration; • Trade Promotion and Development; • R&D, Innovation and Design Activities; • Economic Research and Reporting; • Consulting; • Coordination and Public Relations; • Training; • Publication; The main areas in which İMMİB is carrying activities and taking part in projects in order to increase competitiveness level of the members are as follows: - Entrepreneurship - Vocational Education; - Industrial Design; - Green Economy and Sustainability; - Circular Economy; - Clustering and Industrial Symbiosis; - R&D and Innovation; - Corporate Social Responsibility; - Competitiveness of SMEs İMMİB is very much interested in participating projects together with the European partners. Association is ready to share experience, knowledge and data related to industrial sectors in Turkey which are mentioned. İMMİB has more than 20.000 member companies and in close cooperation with governmental bodies, research institutions, chambers of commerce and industry and NGOs.

ISTANBUL UNIVERSITY EUROPEAN UNION AND INTERNATIONAL PROJECTS OFFICE

Organisation Name

Country	Turkey
City	Istanbul
Street	Istanbul University Main Campus
Website	euoffice.istanbul.edu.tr
Phone	
Organisation Type	University



Person

Name	Çiğdem Taşçı
Email	tasci.cigdem@gmail.com
Job Position	EU Projects Specialist



Organisation Details

Founded in 1453, Istanbul University is among the first and longest-standing institutions in Turkey. Located in 5 Campuses and 7 Research Centers in and around the city, Istanbul University is a public academic institution comprising: 20 Faculties, 1 Conservatory, 7 Vocational Schools, 2 Colleges, 17 Graduate Institutes, 60 Research Centers.

Besides, the university is home to a total of 90.000 Undergraduate, 15.000 Graduate, 3.500 International Students, 5.500 Academic and 6.500 Administrative Staff. Furthermore, Istanbul University holds two of the most renowned Medical Faculties in the country, namely Istanbul Tıp and Cerrahpasa Tıp, with 5,000 medical students and approximately 1,000 medical academic staff. These two faculties operate 2 grand hospitals and Cardiology, Oncology and Dentistry Institutes comprising a total bed capacity of 3,500-4,000 and 2.5 million outpatients and 100,000 inpatients per annum.

According to the Academic Ranking of Worldwide Universities in 2011, Istanbul University ranked among the first 400 universities making it the sole Turkish University in the first 500. Istanbul University has ongoing protocols with over 50 institutions worldwide spanning from USA to Europe and Asia along with over 500 Erasmus agreements. In 2006, the Nobel Prize for Literature was awarded to Orhan Pamuk, an Istanbul University graduate of journalism, marking an unrivalled success in the history not only of Turkish universities but also of the country. Also Aziz Sancar, an Istanbul University graduate of Medical Faculty, is a biochemist and molecular biologist specializing in DNA repair, cell cycle checkpoints, and circadian clock. In 2015, he was awarded the Nobel Prize in Chemistry for his mechanistic studies of DNA repair.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Internet of Things

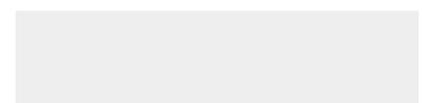
Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
 - ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
 - ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
 - ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
 - ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
 - ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)
- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

isik university

Organisation Name

Country	Turkey
City	istanbul
Street	mesrutiyet koyu, sile
Website	
Phone	
Organisation Type	University



twitter.com
https://pbs.twimg.com/profile_ima...
 Images may be subject to copyright.

Person

Name	F. Boray Tek
Email	boray.tek@isikun.edu.tr
Job Position	Lecturer



Organisation Details

Işık University, faculty of engineering, department of computer engineering.

www.isikun.edu.tr

I am one of the founders of RAVLAB, robotic and autonomous vehicles laboratory at Işık.

<https://www.youtube.com/user/TheRAVLAB>

Areas of Activity

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Marmara University

Organisation Name

Country	Turkey
City	Istanbul
Street	Marmara University Goztepe Campus Faculty of Engineering Department of Electrical and Electronic Engineering Kadikoy
Website	
Phone	
Organisation Type	University

Person

Name	Satuk Bugra Tekin
Email	satukbugratekin@gmail.com
Job Position	Research Assistant

Organisation Details

Marmara University

Areas of Activity

Big Data and Content

- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)

Mikrosay Elektronik , Yazılım ve Enerji A.Ş.

Organisation Name

Country	Turkey
City	istanbul
Street	serifali mah. alptekin cad. no:72
Website	www.mikrosay.com.tr
Phone	
Organisation Type	SME

Person

Name	Hasan Terzioglu
Email	hasan.terzioglu@mikrosay.com.tr
Job Position	Managing Director

Organisation Details

We are an electronics company having hardware and software design capability and we have an SMD line for card assembling including manual assembly capability. We have our own SCADA software written in house having more then 2000 industrial applications. We wrote BAC net and LON Works software in house for building automation system applications. We are good in design at real time microprocessor based electronics and networking.

Areas of Activity

Big Data and Content

- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Cooperation Profiles

Partner: IoT , Big Data

We are capable of electronics hardware and software design for prototype manufacturing

Marmara University Innovation and Technology Transfer Office

Organisation Name

Country	Turkey
City	İstanbul
Street	Göztepe Kampüsü Enstitüler Binası Giriş Kat
Website	www.marmara.edu.tr
Phone	
Organisation Type	University

Person

Name	eda tiryaki
Email	eda.tiryaki@marmara.edu.tr
Job Position	Technology Transfer Specialist



Organisation Details

The main aim of Marmara University Innovation and Technology Transfer is to search for discoveries and to work on them to create economic value and public benefit. This office functions as an interface between Marmara University Academic Staff, and enterprises in order to share one side's knowledge and expertise and strengthen the other partner's competitive position. Furthermore to inform about possible financial supports, to organize events in order to develop a cooperation between both sides.

Areas of Activity

Robotics and Autonomous Systems

- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)

Sabanci University

Organisation Name

Country	Turkey
City	Istanbul
Street	Orhanli
Website	
Phone	
Organisation Type	University

Person

Name	Kıvanç Tos
Email	kivanctos@sabanciuniv.edu
Job Position	Enterprise Europe Network



Organisation Details

The Enterprise Europe Network aims to foster international partnerships between enterprises, especially SMEs. The numerous teams of the Network operate in a regional fashion in more than 60 countries, and Sabanci University is a member of the Istanbul consortium.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: [Find the expertise you require via the Enterprise Europe Network](#)

The Enterprise Europe Network is the world's largest support network for small and medium sized businesses (SMEs) with international ambitions. It has 3,000 experts across 600 member organisations in more than 60 countries. Member organisations include chambers of commerce and industry, technology centres, and research institutes. The Net-

work helps ambitious SMEs innovate and grow internationally. It provides international business expertise with local knowledge across a range of targeted services, the main pillars being Partnership services, Advisory services and Innovation support. <http://een.ec.europa.eu/about/about>

Dab Automotive

Organisation Name

Country	Turkey
City	Konya
Street	Rauf Denktas
Website	www.mostdiesel.com
Phone	
Organisation Type	Company

Person

Name	Ertan Tunali
Email	ertantunali@mynet.com
Job Position	Businnes

Organisation Details

Automotive spare parts

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)

Cooperation Profiles

Coordinator: Pressure Sensor

Asic mems pressure sensor tecnology

ETIYA Information Technologies

Organisation Name

Country	Turkey
City	ISTANBUL
Street	YTU TEKNOPARK DAVUTPASA
Website	www.etiya.com
Phone	
Organisation Type	Company



Person

Name	Gonca Tunca
Email	gonca.tunca@etiya.com
Job Position	Incentive Specialist

Organisation Details

Etiya is the leading Independent Software Vendor providing comprehensive *Telco CRM, Catalog-Driven B/OSS, Social CRM, and Big Data Analytics to Communication & Digital Service Providers*. Etiya is a pioneer that has been shaping the industry with its long-term experience and deep telecom knowledge. Founded and run by engineers, Etiya has become a fast growing software company with offices and customers in Canada, Singapore, UK, Azerbaijan and Turkey.

With its award-winning innovative products, its rapid deployments within 90 days, and its end-to-end implementation capabilities from consultancy to managed service, Etiya provides the most complete offer in the market. Etiya's transformational products are certified with the TeleManagement Forum (TM Forum) industry standards – this means, the products are industry-tested, industry-open, and future-proven. These products have been successfully implemented and proven in Tier-1 carriers and large incumbent CSPs.

As a thought leader, Etiya helps to define standards within the industry and its contributions to the telecommunication sector (worldwide) have been validated by the TM Forum by being a nominee of the Outstanding Contribution to Enabling Improved Business Agility 2016 and the winner of the Excellence Award for Customer Centricity 2015.

Areas of Activity

Big Data and Content

- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: Project Partner

Specialties; Bigdata, Data mining, Data science, Deep learning, Machine learning, Text analysis

Eczacibasi Building Products Group

Organisation Name	
Country	Turkey
City	Bilecik
Street	Eskisehir Karayolu Uzeri 4.km Bozuyuk
Website	www.vitra.com.tr
Phone	
Organisation Type	Company



Person	
Name	Dilek Turan
Email	dilek.turan@eczacibasi.com.tr
Job Position	Project Coordination Specialist



Organisation Details

Eczacıbaşı Building Products Group (EBP) is the largest division of Eczacıbaşı Group, one of the leading industrial groups in Turkey, in terms of work force and turnover. EBP carries out its production activities in 15 plants in 4 countries. The main production plant is the group's production campus in Bilecik-Bozuyuk which utilizes environment-friendly technologies, ranking among the top ceramic manufacturing plants in the world in terms of capacity, technology and quality. The group has 6 plants in Turkey located in Bozuyuk (Bilecik), Gebze (İzmit) and Tuzla (Istanbul) and 9 plants in Germany, France and Russia. The annual production capacity of the Group includes 5 million units of ceramic sanitary ware, 37.5 million m² of ceramic coating material, 3 million faucets, 350 thousand bath tubs and shower trays and 340 thousand modules of bathroom furniture. Eczacıbaşı Building Products Group has around 6,800 employees; around a quarter of these is based abroad and had a turnover of 3.1 billion TL in 2015. 65% of this turnover comes from international sales. Vitra, Burgbad, Villeroy and Boch and Engers are the main brands of the group.

Eczacıbaşı Building Products Group's Vitra Innovation Center was set up in 2011 with an investment of 15 million TL at the Bilecik Bozuyuk production campus and gathers all of the R&D teams of the Group under the same roof, all committed to innovation as a corporate value. The center prioritizes market and technology-focused innovation efforts and carries out research, design, development and production activities in new bathroom and tile materials, processes and technologies. Areas such as nanotechnology, electronics, water and energy, sensor technology, acoustics, ergonomics and composite materials are explored in the center. Providing a suitable platform where architects and designers unleash their creativity and turn their "imagined" products into reality, the Center follows developments in the world and internal initiatives in order to develop and enrich innovative ideas.

Expertise: Vitra Innovation Center has expertise mainly in following areas:

- **Material science:** developing and applying functional coatings on different surfaces such as antifingerprint, antislip, antibacterial, hydrophobic, glossy&scratch resistant, easy cleaning coatings on ceramics, metal and glass surfaces; aerogel and different polymer coatings in order to create warmer and lighter materials; PVD coatings on ceramics to increase resistance to scratches; photocatalytic and self cleaning coatings on tile surfaces; developing flexible and easily formable materials and tiles with insulation, super slim ceramic products, geopolymers, composite materials, etc.
- **Mechanical Design and CAE (computer-aided engineering):** design and development of ceramic sanitaryware products, faucets, concealed cisterns, bathroom accessories, furnitures and bath&showing areas by using the most up-to-date design tools and simulate their working conditions before production.
- **Testing and Validation:** functional performance tests according to desired standards.
- **Electronic Systems:** bringing smart solutions to bathrooms by the use of latest sensor technologies; developing touchless products, use of IoT, etc.

Areas of Activity

Big Data and Content

ICT Key Enabling Technologies

- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)
- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

[Partner: Smart connected solutions for bathrooms](#)

Bathroom products that we produce have also been affected from the advances seen in sensor, communication and internet technologies. Now we are trying to produce touchless, smart and connected products for bathrooms instead of traditional ones. Therefore, we are interested in participating related consortiums both as an end-user or R&D party. Under this main topic; sensing, analyzing and storing solutions for energy harvesting, grey water applications and solutions for supporting ageing well can also be considered.

[Partner: Industry 4.0: Use of ICT in production lines](#)

In order to be ready for the changes that Industry 4.0 will bring, our company wants to be in projects related to the use of ICT in production lines and warehouse operations such as use of smart technologies, 3D image processing and analysis for failure detection or augmented reality.

Soyak Holding A.S.

Organisation Name

Country	Turkey
City	Istanbul
Street	Büyükdere Cad. Soyak Binası No:38 Mecidiyeköy Şişli
Website	http://www.soyakholding.com.tr/
Phone	
Organisation Type	Company



Person

Name	Gökay Turanlıoğlu
Email	gturanlioglu@tracim.com.tr
Job Position	Business Intelligence Coordinator



Organisation Details

Founded in 1961, Soyak Group operates in four fields: real estate, energy, cement and casting.

The corporate strategy of Soyak Group is to become a leader in all industries in which it operates, and to contribute to sustainable development and the creation of a better future as a company that cares for the environment and society's values

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)

Cooperation Profiles

Partner: IoT, Big Data, Machine learning, Industrial IoT

IoT, Big Data, Machine learning, Industrial IoT are all topics we as a company and investment partner are interested in. Moreover, we wish to connect with know-how partners to work with and invest in.

Migros

Organisation Name

Country	Turkey
City	ISTANBUL
Street	Ataşehir
Website	
Phone	
Organisation Type	Company

Person

Name	Zeynep Turgay
Email	zeynept@migros.com.tr
Job Position	Solution Architect



Organisation Details

The pioneer of organized retailing in Turkey, Migros today offers spacious stores in a wide range of formats and locations whose vast selection of cosmetics, stationery, glass and kitchenware, electronic appliances, book, textiles, and other items along with groceries and other necessities give it the ability to satisfy the shopping needs of its customers.

Striving to give customers the benefit of technological developments while confidently continuing to serve them with its trusted human resources, the attention which the Migros gives to information technology and the investments which it undertakes always keep it at the forefront of the retailing sector.

Focusing on customer expectations since the day it was founded, Migros is known for its innovation and progress in retailing.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)

Cooperation Profiles

Partner: Food Retailing

The pioneer of organized retailing in Turkey, Migros today offers spacious stores in a wide range of formats and locations whose vast selection of cosmetics, stationery, glass and kitchenware, electronic appliances, book, textiles, and other items along with groceries and other necessities give it the ability to satisfy the shopping needs of its customers. Striving to give customers the benefit of technological developments while confidently continuing to serve them with its trusted human resources, the attention which the Migros gives to information technology and the investments which it undertakes always keep it at the forefront of the retailing sector. Focusing on customer expectations since the day it was founded, Migros is known for its innovation and progress in retailing. Migros IT & Business Development Department (Migros IT) is a strategic unit comprising of software development, business development and process management, and innovative technologies development groups. Currently 85 engineers mainly from

computer and information sciences, electric and electronics and industrial engineering fields are working at Migros IT. Migros IT has been accredited as “R&D Centre” since September 2013 by Turkish Ministry of Science, Trade and Industry. Department’s ongoing projects focus on new services and products innovation, supply-chain improvement, revenue management, data and customer analytics. Migros IT has collaborations with universities and R&D companies. Owing its in-house developed enterprise resource planning system and a data warehouse system with depth of almost 20 years’ historical customer transactional data; Migros IT has extensive expertise in retail intelligence, customer analytics, campaign management, supply chain operations and e-commerce. Migros’ s main role will be providing retail know-how and eliciting requirements for the consortium. In order to promote dissemination activities, Migros will also be responsible of developing new custom applications and integrating the Project's products with its information systems. Finally Migros will test, commission the newly developed products in a pilot store and report the results. Owing its in-house developed applications Migros RD offers a spacious and flexible environment for product integration, validation and testing.

Partner: Sustainable Farming

Migros owns the biggest meat production facilities of Turkey, built with the latest technology and in compliance with the good agricultural practices. In collaboration with the most reputable national farms, Migros provides high quality meat to its consumers with the utmost attention for food security. The latest research interests of Migros RD targets elimination of food waste, food security and traceability. Migros IT & Business Development Department (Migros IT) is a strategic unit comprising of software development, business development and process management, and innovative technologies development groups. Currently 85 engineers mainly from computer and information sciences, electric and electronics and industrial engineering fields are working at Migros IT. Migros IT has been accredited as “R&D Centre” since September 2013 by Turkish Ministry of Science, Trade and Industry. Department’s ongoing projects focus on new services and products innovation, supply-chain improvement, revenue management, data and customer analytics. Migros IT has collaborations with universities and R&D companies. Owing its in-house developed enterprise resource planning system and a data warehouse system with depth of almost 20 years’ historical customer transactional data; Migros IT has extensive expertise in retail intelligence, customer analytics, campaign management, supply chain operations and e-commerce. Migros’ s main role will be providing retail know-how and eliciting requirements for the consortium. In order to promote dissemination activities, Migros will also be responsible of developing new custom applications and integrating the Project's products with its information systems. Finally Migros will test, commission the newly developed products in a pilot store and report the results. Owing its in-house developed applications Migros RD offers a spacious and flexible environment for product integration, validation and testing.

IŞIK UNIVERSITY

Organisation Name

Country	Turkey
City	İstanbul
Street	Şile
Website	www.isikun.edu.tr
Phone	
Organisation Type	University

Person

Name	Ayşegül Tuysuz Erman
Email	aysegul.erman@isikun.edu.tr
Job Position	Faculty Member



Organisation Details

Since its founding in 1996, Işık University has strengthened today to 5 Faculties (Faculty of Arts and Sciences, Faculty of Economics and Administrative Sciences, Faculty of Architecture and Design, Faculty of Engineering, School of Foreign Languages) with 35 undergraduate programs, two Vocational Schools with 21 associate degree programs, Graduate Institutes in Social Sciences and Applied Sciences with 26 graduate programs, a School of Foreign Languages, and a Center for Continuing Education.

To answer today's demands, Işık University has established two campuses - in Şile and Maslak - set near the modern city life as well as in a natural environment on 490,000 square meters with modern infrastructure, classrooms, dormitories, libraries, social and athletic facilities, and an art gallery. The Faculty of Fine Arts, the Vocational Schools, the Center for Continuing Education, the Social Sciences Institute and the Applied Sciences Institute are located on the Maslak Campus; all other faculties and departments are found on the Şile Campus.

Since Işık University was founded, its faculty has adopted the tradition of scientific publishing as a standard of academic life. Institutional processes and infrastructure have supported this tradition. Within all the scientific research conducted at Işık University, the aim is to produce results that will benefit society and humanity. Işık University has a solid reputation for its high caliber research and academic excellence, not only among foundation universities but also among all Turkish universities. In the research programs conducted or planned at various departments at Işık University, the main approach is utilizing the latest technology and producing practical results.

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Korgun Software

Organisation Name

Country	Turkey
City	istanbul
Street	Cumhuriyet Mah. Arabayolu Cad. Dönence Sok. No: 19 Haciosman 34457 Tarabya - İSTANBUL
Website	www.korgun.com.tr
Phone	
Organisation Type	SME



Person

Name	süheyla türkyılmaz
Email	suheyla.turkyilmaz@korgun.com.tr
Job Position	Head of Projects Department



Organisation Details

Korgün Software, which is one of the first national software companies was established for the aim of developing automation software for SMEs in 1992. Korgün, which has been developing software for manufacturing systems (such as MRP) since 1992, also started to develop software for retailing and the logistics for the aim of solving supply chain management related problems of SMEs. We are providing solutions by improving our software modules in terms of meeting the requirements of our customers. We are mostly making developments/improvements by using cloud computing technologies. It is also important to integrate the recent technological improvements/developments/changes into the system. In line with this requirement, for example, we have also improved our solutions by using the mobile applications. It is also important to provide a sustainable service for the customers so we always prefer to use user centered approaches. We have also great experience in many R&D *Projects* and for detailed information, pls. visit our website (www.korgun.com.tr).

Areas of Activity

Big Data and Content

- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

[Partner: Development of a Different Retailing in the Retail-D2R2](#)

D2R2 is an innovative platform developed for feasible multilevel store management, aiming to meet end-users' requirements efficiently by using relevant neuroscience technics in decision making. Contribution to energy and cost saving is one of the most important aims of the platform. Why is D2R2? D2R2 not a retail project and different from the current e-trading platforms (applicable in any type of country either member or associated country). Consumers' behaviors (in different regions with different sociocultural specification) analyzed by using the relevant methodologies about the decision making neuroscience Both users and the other entities, consulted/directed in accordance with the analysis results. Two types of optimization a) optimization technics related to infrastructure (such as using PSO, GA etc. in terms of optimizing the platform for a better usage of CPU time, memory space share and network bandwidth) b) application of optimization technics related to the operations carried out in the system (meeting the users' demands from the nearest distributor's store in the shortest possible time with the minimum cost, management of retailers'/distributors' warehouse systems, update/modify the relevant database and follow up these transactions on a real time basis etc., better management and follow-up of a supply chain management)

Bogazici University

Organisation Name

Country	Turkey
City	Istanbul
Street	Nispetiye
Website	
Phone	
Organisation Type	University

Person

Name	Emre Ugur
Email	emre.ugur@boun.edu.tr
Job Position	Assistant Professor

Organisation Details

Turkish university

Areas of Activity

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)

Cooperation Profiles

Partner: [Collaborator robots](#)

TUBITAK BILGEM

Organisation Name

Country	Turkey
City	GEBZE
Street	TUBITAK BILGEM PO BOX 74
Website	www.bilgem.tubitak.gov.tr
Phone	
Organisation Type	R&D Institution

Person

Name	Devrim Unal
Email	devrim.unal@tubitak.gov.tr
Job Position	Chief Technology Officer

Organisation Details

TÜBİTAK BİLGEM Cyber Security Institute (SGE), operates under BİLGEM since 2012.

SGE has been working on security of critical infrastructures recently. SGE has worked with Ministry of Development to analyze the current state of critical infrastructures such as communication, energy, finance and water supply. As a result reports have been given on threats and possible attack vectors to critical infrastructures. SGE has also performed penetration tests to some of critical infrastructure management systems (SCADA). These studies are planned to be furthered with subjected institutions.

SGE did not work only at the national level, but it was also active in international areas. Some projects on information security management system and business continuity have been conducted in cooperation with foreign partners. SGE has collaborated with NATO on some projects, has delivered information security trainings to allies.

SGE is working with Turkish Armed Forces, public institutions, private companies, national and international organizations and keeps improving itself.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)

Cooperation Profiles

[Partner: TUBITAK BILGEM Cyber Security Institute \(SGE\) Cooperation possibilities](#)

TUBITAK BILGEM Cyber Security Institute (SGE) wishes to cooperate on the following topics: - Security accreditation and certification of cyber-physical systems - Application security in cyber-physical systems (IoT, robotics, autonomous systems) - Cyber security of big data - Cyber security of IoT - Data security and privacy SGE has recently completed projects in Data Loss Prevention, Cloud Security and Privacy, Malware Analysis, Cyber Threat Intelligence.

Yeditepe University

Organisation Name

Country	Turkey
City	ISTANBUL
Street	Yeditepe University, Kayisdagi Atasehir, Kayisdagi
Website	www.yeditepe.edu.tr
Phone	
Organisation Type	University

Person

Name	Cem Unsalan
Email	unsalan@yeditepe.edu.tr
Job Position	Professor

Organisation Details

Yeditepe University is established in 1996. It is one of the leading universities in Turkey.

Areas of Activity

Big Data and Content

- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: [Academician](#)

I want to take part in EU projects especially in IOT applications in agriculture.

Taraftech

Organisation Name

Country	Turkey
City	Istanbul
Street	Akar Cd No:3/64 Sisli
Website	taraftech.de
Phone	
Organisation Type	Consulting



Person

Name	Oguzcan Unver
Email	oguzcanunver@gmail.com
Job Position	General Manager



Organisation Details

Taraftech provides management consultancy and software development services for all sizes of SMEs. The company has currently more than 25 clients, and is in close contact with more than 200 corporations, as well as many academicians and researchers. Taraftech has offices in Istanbul and Izmir in Turkey and in Pirmasens and Hannover in Germany.

The power of taraftech lies in combination of its network and engineering competencies.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: Software Engineering, Data Science, IT Management and Embedded Engineering Competencies

Taraftech and its partners have competency in; - Software engineering in numerous languages and platforms, such as Python, R, Django, MATLAB, C++, etc. - State-of-art Data science and analysis tools and techniques, such as NLP, ANNs, Deep Learning, Machine Learning, etc. - All kinds of infrastructures in IT - Embedded software and hardware development If you are looking for any partners in these following competencies or considering an idea exchange session, I would be very much interested in meeting you.

Yildiz Technical University

Organisation Name

Country	Turkey
City	Istanbul
Street	Yildiz
Website	http://www.mkt.yildiz.edu.tr/en
Phone	
Organisation Type	University

Person

Name	Huseyin Uvet
Email	huvet@yildiz.edu.tr
Job Position	Academician

Organisation Details

Yildiz Technical University

Areas of Activity

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Enigma Biotech/Enigma Optik Biyoteknoloji A.S.

Organisation Name

Country	Turkey
City	İstanbul
Street	19 Mayıs Mah Golden Plaza No:1 Kat:1 Sisli
Website	www.enigma.bio
Phone	
Organisation Type	SME



Person

Name	Anil Uzengi
Email	anil@enigma.bio
Job Position	Head of Analysis



Organisation Details

Enigma is building an optical sensor designed to be worn in-ear to measure, track and analyse blood analytes and vital health markers without a single drop of blood.

We developed a key optical technology enabling the richest medium of health vital analysis; ones blood to be measured easily, and cost effectively via a non-invasive method. A light based sensor inside the ear canal measures minute changes in glucose, lactate, heart rate, oxygenation and possibly many other vitals in the near future.

Areas of Activity

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)

Cooperation Profiles

Partner: Seeking projects in eHealth and biosensors

Accurate and painless blood values(lactate, blood gases, glucose) testing, real time collaboration between patients/athletes readings and coaches/health professionals to improve training with a direct and an engaging feedback mechanism are our unique points. Our key optical technology miniaturised to fit inside the ear canal is a novel development which required rigorous R&D is our essential asset. We are building an optical chip able to track and analyse vital health markers through a laser based technology to enable painless, non-contact blood analysis methods. We are seeking to be a partner in projects related to accurate and painless vital health markers reading in eHealth and Photonics KET applications.

Dokuz Eylul University Technology Transfer Office

Organisation Name

Country	Turkey
City	İzmir
Street	DEPARK Sağlık Teknoparkı -DEÜ İnciraltı Yerleşkesi Mithatpaşa Caddesi No:56/20 Balcova
Website	www.detto.depark.com
Phone	
Organisation Type	University



Person

Name	Serkan Uzmen
Email	serkan.uzmen@deu.edu.tr
Job Position	Project Office Responsible



Organisation Details

Dokuz Eylül Technology Transfer Office (DETTO) is in the intersection of Dokuz Eylül University, DEPARK and Industry/Society.

DETTO is working as an interface umbrella organization in Dokuz Eylül University while keeping touch with all departments. Its functions are creation of awareness, supporting, and coordination. Main tasks are supporting research activities and projects done in university or/and with industry collaboration, managing university-industry relations, managing intellectual property rights process and creating and keeping alive an entrepreneurship eco-system.

Areas of Activity

Big Data and Content

- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: IoT-03-2017

IoT usage in farming, production

ULUDAG UNIVERSITY TTO

Organisation Name

Country	Turkey
City	Bursa
Street	Uludağ Üniversitesi
Website	www.uludagtto.com
Phone	
Organisation Type	Other

Person

Name	CEYDA UĞUREL
Email	ceyda@uludagtto.com
Job Position	PROJECTS AND COMMERCIALIZATION SPECIALIST

Organisation Details

Uludag University Technology Transfer Office is responsible for the capture, protection and commercialisation of university intellectual property, supporting the effective engagement of enterprise with university research, and creating a culture of innovation and entrepreneurship in the university.

The UUTTO's role is to provide the necessary resources and services to bring research and commercial expertise together to address market needs whilst providing a return to the university to further advance its research mission.

The main responsibilities:

- Responsible for developing the collaboration between the university and the industry, organizing launch meetings, contributing to the formation of any Commercial and Consultancy Projects, supporting its members' initiatives of such sort and paying visits to one other.
- Supporting the university member during the proposal's preparation process
- Preparing the contract for the Project in collaboration with Uludag University's legal counsellors and supporting the conducting of negotiations.
- Coordinates the management of intellectual property resulting from sponsored research with respect to IP disclosures, evaluations, patent applications and the referral of product-related outputs to commercialization process.
- Technology Transfer Staff are skilled in:
 - finding academic partners for companies
 - commercial assessment
 - contract drafting and negotiation
 - protecting and managing intellectual property (IP)
 - company formation
 - company incubation

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

€)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

KTO Karatay University

Organisation Name

Country	Turkey
City	KONYA
Street	Akabe
Website	www.karatay.edu.tr
Phone	
Organisation Type	University

Person

Name	Necati VARDAR
Email	necati.vardar@karatay.edu.tr
Job Position	Assist. to Rector



Organisation Details

KTO Karatay University

Engineering Faculty

Materials Science and Nanotechnology Department

Areas of Activity

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: IoT

IoT usage in farming, production

Partner: Photonics

Femtosecond Laser Systems

Safetech Innovations SRL

Organisation Name

Country	Romania
City	Bucharest
Street	12-14 Frunzei Street
Website	www.safetech.ro
Phone	
Organisation Type	SME



Person

Name	Adrian Vlada
Email	adrian.vlada@safetech.ro
Job Position	Operational Director



Organisation Details

SAFETECH INNOVATIONS (or in its shorter name **SAFETECH**) is a Romanian Information Security company, that provides a wide range of IT security services and solutions, including specialized SOC/CERT/CSIRT services to important corporate and government customers.

ORGANISATION TYPE: SME with Research, Technology Development and Innovation (RTDI) activities

ACTIVE IN THE FOLLOWING SECTORS: Energy; Banking and Insurance; Health & Medical; Government; Public Administration, Defense etc.

ACTIVITY: SAFETECH INNOVATIONS was founded in 2011 and it is the market leader on this thematic in Romania, with Research, Technology Development and Innovation (RTDI) activities.

SAFETECH INNOVATIONS can provide a large spectrum of Cyber Security Services and Solutions for the development of the projects in the area of Big Data.

SAFETECH INNOVATIONS:

- **Founded, Owns and Operates** a PRIVATE **Computer Security Incident Response Team / Computer Emergency Response Team (STI-CERT)** which is accredited by Trusted Introducer, at European level (since 2015) and which provides to its customers, including owners of Critical Infrastructures, Incident Response and Security Monitoring Services - to name the most representative ones;
- **Is the first company from Romania and one of the few in Europe, registered as a member of NATO INDUSTRY PARTNER ROSTER** and partner in the NATO Industry Cyber Partnership (NICP). Our Company also has the NATO Commercial and Government Entity Code (NCAGE Code).and partner in the **NATO INDUSTRY CYBER PARTNERSHIP (NICP)**;
- Has **one of the best teams in Europe, in Penetration Testing (LPT, OSCP, CEH)**;
- Has **one of the best and one of the most certified Check Point teams in Europe**, Check Point provides customers of all sizes with the latest data and network security protection in an integrated next generation firewall platforms, including for Critical Infrastructures;
- **Is one of the 4 companies in the world and the first in Eastern Europe accredited by HID Global Security for Global Professional Services** - HID Global is the trusted leader in providing secure identity solutions for millions of customers around the World;
- **Has a signed collaboration partnership with the Romanian National Computer Security Incident Response Team - CERT-RO.**

- **Participated at the CYBER EUROPE 2016:** the pan-European exercise to protect EU Critical Infrastructures against coordinated cyber-attack, organized by **ENISA**;
- **Participated to CYBER COALITION 2015**, organized by **NATO** and which involved the use of the **NATO Cyber Range** and included agencies like the **NATO Communication and Information Agency (NCIA)**;
- Founding member and coordinator of the **Danube Cyber Security Alliance (DAC-SA)**.

SAFETECH INNOVATIONS is certified **ISO 27001, ISO 20000, ISO 9001, ISO 14000**.

COMPETENCY:

To maintain our partnership solid, we continuously invest in improving the quality of our staff, looking for the most innovative security solutions and short intervention time. Our technical engineers holds certification as:

- **LPT — Licensed Penetration Tester (EC — COUNCIL)**
- **OSCP — Offensive Security Certified Professional (Offensive Security)**
- **CSSLP — Certified Secure Software Lifecycle Professional (ISC2)**
- **CEH — Certified Ethical Hacker (EC — COUNCIL)**
- **CRISC — Certified in Risk and Information Systems Control**
- **ECSA — EC Council Certified Security Analyst**
- **CISA — Certified Information Systems Auditor (ISACA)**
- **CISSP — Certified Information Systems Security Professional (ISC2)**
- **CISM — Certified Information Security Manager**
- **HID — HID Certified Professional**
- **CIPP / IT — Certified Information Privacy Professional / Information Technology**
- **CPSSE — Certified Professional for Secure Software Engineering**

In regards to our input in potential IoT projects, it encompasses the following activities:

- Security requirements definition
- Security design and threat modelling
- Security configurations for the developed platforms
- Security testing of the platforms

In order to achieve this SAFETECH INNOVATIONS offers the following security services and solutions, tailored for the needs of project:

Services

- Penetration Testing and Code Review
- Detection and response to security incidents (STI CERT)
- Security events monitoring (STI CERT)
- Security Consulting
- Periodic vulnerabilities scanning
- Automating security configuration
- Vulnerability analysis
- Security Audit
- Risk analysis
- Business Continuity and Disaster recovery
- Development and implementation of security standards
- Design and implement security program
- Security Courses

Solutions

- Access Management Solutions
- Security solutions for ICS-SCADA infrastructures

- Solutions for secure network infrastructure
- (firewalls, IDS / IPS)
- Security solutions for mobile devices
- Firewalls to protect Web applications
- Solutions for Web traffic filtering
- Solutions for securing email
- Solutions for collecting, analyzing and correlating security events
- Solutions for database security
- Vulnerability scanning and management solutions
- Solutions for protecting workstations
- Data Loss Prevention Solutions
- Equipment for industrial network

In terms of EU funded projects, SAFETECH INNOVATIONS successfully implemented:

- The **first project in Romania dedicated to building security culture in universities**, financed from European funds. 168 students from “Stefan cel Mare University” (Suceava, Romania) attended to security courses held by our security experts. Five of the teachers trained in this program became trainers. Also, in this university we built a security laboratory so that students and trainers will be able to form or refine their skills to identify security breaches.
- A project with **The European Union Agency for Network and Information Security (ENISA)**: D-COD-16-C09 - “A framework on appropriate security measures for the processing of personal data”. The project generated a set of guidelines for small and medium organizations acting as data controllers or processors, on how to perform a security risk assessment and implement appropriate organizational and security measures to protect personal data that are adequate to the level of risk.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Robotics and Autonomous Systems

- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)

Cooperation Profiles

[Partner: “Strengthening Confidentiality, Integrity and Availability in Big Data services and solutions”](#)

SAFETECH INNOVATIONS is interested to identify potential cooperation partners in order to apply for projects under ICT-16-2017 (RIA) Big data PPP topic. In this regard, our company can provide a large spectrum of Cyber Security services and solutions for the development of the projects in the area of Big Data. TITLE of the PROJECT IDEA: “Strengthening Confidentiality, Integrity and Availability in Big Data services and solutions”. This encompasses at least the following activities: Security requirements definition; Security design and threat modelling; Security configurations for the developed platforms; Security testing of the platforms and a proper way to integrate and inter-operate Big Data sources, especially in the Cloud environment. We are also open to participate as partner in other research projects.

University College of Southeast Norway

Organisation Name

Country	Norway
City	Borre
Street	Raveien 215
Website	www.usn.no
Phone	
Organisation Type	University



Person

Name	Kaiying Wang
Email	kaiying.wang@hbv.no
Job Position	professor



Organisation Details

IMST (Department of Micro and Nano Systems Technology) at HSN, Norway represents one of the largest academic research groups within Micro and Nanosystems Technology in Norway, IMST also participates into the National Centre of Expertise for Micro and Nanotechnology. The clean room of IMST has a total area of 250 m², which is part of the Norwegian national infrastructure NORFAB and microsystems PhD network in Norway. The available labs feature most steps for advanced materials and micro/nano system processing.

Areas of Activity

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)

Cooperation Profiles

Coordinator: [Betavoltaic effect in wide band-gap TiO₂ nanotube arrays and its application in high-efficient isotope microbatteries](#)

The project target is to research and develop a high reliability, long life, high conversion efficiency of radio-isotope microbattery in order to meet power requirement of MEMS micro-sensors, micro-actuators and wireless sensing devices. The wide band-gap semiconductor TiO₂ with crystallized, vertically oriented and ordered nanotube porous array structures are used to convert the radio-energy into electrical energy under build-in contact potential difference introduced by two collecting electrodes.

Netherlands Enterprise Agency

Organisation Name

Country	Netherlands
City	The Hague
Street	Prinses Beatrixlaan 2
Website	www.rvo.nl/horizon2020
Phone	
Organisation Type	Authority/Government

Person

Name	Ruben Wassink
Email	ruben.wassink@rvo.nl
Job Position	NCP FET-ICT

Organisation Details

Netherlands Enterprise Agency (RVO.nl) encourages entrepreneurs in sustainable, agrarian, innovative and international business. It helps with grants, finding business partners, know-how and compliance with laws and regulations.

The aim is to improve opportunities for entrepreneurs and strengthen their position.

Netherlands Enterprise Agency is part of the Ministry of Economic Affairs and works at the instigation of ministries and the European Union. Some activities of the Commodities Boards are also included. The Agency works in The Netherlands and abroad with governments, knowledge centres, international organisations and countless other partners.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

IT Consult GmbH

Organisation Name

Country	Germany
City	Lilienthal
Street	Klosterstr. 33
Website	http://itconsult-eu.org
Phone	
Organisation Type	SME

Person

Name	Thies Wittig
Email	itconsult@acm.org
Job Position	Director



Organisation Details

IT Consult is a small consultant company, founded in 1995. Apart from project management and information dissemination services, it is focusing on support for research policy development in the Mediterranean Partner Countries and training of academia and SMEs on project development through coaching in general. Its main technical focus is on ICT and water management.

So far, IT Consult has been involved in over 25 projects, in six of them as project co-ordinator. The most important projects dealt with ICT policy recommendations and establishing strategic research agendas; awareness raising and proposal development training for EU Framework Programmes; Technology Transfer in the area of Information Technology.

Areas of Activity

Big Data and Content

- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: Project Management Services

IT Consult participated in more than 25 EU framework projects, in 6 as coordinator. Main topic area is ICT but also Energy and Water. IT Consult offers management services for consortia such as progress monitoring, running management meetings, organising public events, or follow-up of financial reporting. Also offered is assistance for proposal development, pre-evaluation of proposals, setting up the consortium agreement.

KAREL KALIP AŞ.

Organisation Name

Country	Turkey
City	İSTANBUL
Street	8. CADDE
Website	http://www.karekalip.com/
Phone	
Organisation Type	SME

Person

Name	CEM YAPAREL
Email	cem.yaparel@karekalip.com.tr
Job Position	ENGINEERING MANAGER



Organisation Details

KAREL KALIP have been founded in 1994, main products and services of the company are co-designing polymer components for automotive industry, engineering design, process and mold development activities. Our company have been successfully accomplished R&D projects in the past couple of years with strategic importance in the automotive industry at the development of the thin-walled large surfaced of polymer parts and molds.

In parallel, our R&D Team increased their competence in advanced engineering expertise at fluid analysis and CAD modeling. Karel R&D Team continues its activities as the only government registered R&D Center in Turkish automotive plastic injection tooling industry since September, 2015. Lightweighting is a big part of all OEMs' R&D strategy to gain weight advantage at vehicle with the development of new production technologies.

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Idea Teknoloji

Organisation Name

Country	Turkey
City	Istanbul
Street	Bilim
Website	http://www.ideateknoloji.com.tr/
Phone	
Organisation Type	SME

Person

Name	Oguzhan Yavuz
Email	oguzhan.yavuz@ideateknoloji.com.tr
Job Position	R&D Specialist

Organisation Details

Idea Teknoloji is a software company with an R&D center that conducts research projects in various areas. Our expertise encompasses a range of topics, such as Secure Electronic Document Management Systems, Security-Privacy-Trust, Telecommunications, Database Technologies, Big Data, Pattern Recognition, Computer Vision, Data Mining, Embedded Systems, Life Sciences (Biometrics, Bioinformatics, and Biological Authentication Systems), Route and Movement Planning and Mobile Technologies.

Idea Teknoloji offers two SaaS solutions to various enterprises: VisionPlus Operational software solutions and e-Finance solutions. VisionPlus Operational Software provides flexibility and efficiency to corporations through business applications, such as Customer relationship management; Sales force automation; Supply chain management; Pharmaceutical track and trace system; Dynamic workflow system; Route planning optimization; and In-memory database reporting system.

E-Finance and e-Government applications include e-Invoice; e-Ledger and electronic accounting records; e-Archiving; e-Ticket; and hardware & embedded system based e-Document solutions. These solutions are enriched by data mining based financial forecasting, rule based financial auditing and reporting, fraud and error analysis in financial documents and regulatory compliance analysis.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Ozyegin University

Organisation Name

Country	Turkey
City	Istanbul
Street	Orman Sok
Website	
Phone	
Organisation Type	University

Person

Name	Reyyan Yeniterzi
Email	reyyan.yeniterzi@ozyegin.edu.tr
Job Position	Assistant Professor

Organisation Details

Ozyegin University (OzU), founded in 2007, in Istanbul as a non-profit foundation university, positions itself to be one of the most innovative and research-oriented universities in Turkey. OzU has **ranked in the top 8** in the most entrepreneurial and innovative Turkish universities index, prepared in the leadership of The Scientific and Technological Research Council of Turkey (TUBITAK), published by Ministry of Science, Industry and Technology in 2016. OzU has been ranked in the top ten for the last five years.

There are **six Faculties** (Faculty of Engineering, Faculty of Social Sciences, Faculty of Law, Faculty of Business, Faculty of Aviation and Aeronautical Science and Faculty of Architecture and Design); **three Graduate Schools** (Graduate School of Engineering, Graduate School of Business and Graduate School of Social Sciences); **two Schools** (School of Applied Sciences and School of Languages) and **eight Centers** (German Law Application and Research Center, Alp Alkas Retail & Real Estate Center, Center for Computational Finance, Center for Energy, Environment and Economy, the Research, Development, Training and Application Center for Energy Efficient LED Lighting, Applied Research Center of Technology Products, Entrepreneurship Center and Startup Factory) hosted by OzU.

The university's cooperation with various national and international institutions and its **project portfolio has exceeded 58 Million TL (about 17.6 Million Euros)** as of September 2016. Between 2009 and 2016, **OzU has filed 46 patent applications** (16 national and 30 international) and 3 utility model registrations. These inventions developed at OzU include those in nanotechnology, LED systems, robotics, thermoelectric, thermal cogeneration, lighting technologies, medical devices and diagnostics. In addition, OzU faculty members are inventors of **206 patents**.

Ozyegin University's research performance is managed through the **Technology Transfer Office (OzU TTO)**. The main objective of OzU TTO is to assist research activities and innovation initiatives that aim to turn scientific and technological developments into social and economic benefits. OzU TTO works with faculty members to carry out planning and development of research projects, development of industrial relations, innovation, technology transfer, and intellectual property (IP) management. TTO has extensive experience in development and management of national and international projects, which will contribute positively management of the proposed research herein.

Current Research labs and research groups: CT&T - Communication Theories and Technologies Research Group; LFR - Laboratory for Fundamental Research; nEMESysLab - an Embedded & Microelectronic Systems Laboratory; SRL - Software Researchers Lab; OzURobotics - Robotic Research Lab; SpAdvanced Materials, Thin Films and CMP Laboratory; WISERLab - Wireless Communication Systems Engineering Research Lab; 3D Lab - 3-Dimension Computer Monitoring and Graphics Lab; CCRG - Cloud Computing Research Group; AI@OZU - Artificial Intelligence Laboratory; OzU MEMS - Microelectromechanical Systems Laboratory; SPL - Speech Processing Lab; Developmental Psychology Laboratory; OzUGRN-Gender Research Network at Ozyegin University; OzU Testing Lab; Social and Organizational Psychology Laboratory; RRL Lab - Relationship Research Laboratory.

Areas of Activity

Big Data and Content

Internet of Things

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

[Partner: Text Mining, Big Data, Information Retrieval, Social Media, Natural Language Processing](#)

I am an assistant professor in Computer Science Department at Ozyegin University. I obtained my B.Sc. and M.Sc from Sabanci University, Department of Computer Science and Engineering in 2007 and 2009, M.Sc. and Ph.D. from School of Computer Science at Carnegie Mellon University in 2012 and 2015. During my studies, in addition to Microsoft Turkey and Google, I also worked as a research visitor at the International Computer Science Institute (ICSI), Vanderbilt and Qatar Carnegie Mellon Universities. My research interests include Natural Language Processing, Text Mining, Social Media Analysis, Information Retrieval, Search Engines and Statistical Machine Translation.

Pavotek

Organisation Name

Country	Turkey
City	istanbul
Street	havalimani ic yolu Teknopark istanbul
Website	
Phone	
Organisation Type	R&D Institution

Person

Name	orcun yesilyurt
Email	orcun.yesilyurt@pavotek.com.tr
Job Position	sales manager

Organisation Details

We provide OEM and ODM products to firms of large and medium size who are in need of electronic solutions in their market. Apart from new designs, we can also redesign existing products in order to upgrade them.

Our main capabilities are embedded electronics, in detail, analog, communications and control system design. We also have an industrial design and mechanical system design capacity on site mainly focused on enclosing electronic systems.

We have an ever progressing highly customizable embedded operating system with its related libraries, which gives us the edge over the market in general.

Our company, uses these capabilities in order to provide solutions and products in numerous markets.

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Turk Hava Kurumu Universitesi

Organisation Name

Country	Turkey
City	Ankara
Street	Okul Sokak
Website	Www.thk.edu.tr
Phone	
Organisation Type	University

Person

Name	Meltem YILDIRIM IMAMOGLU
Email	mimamoglu@thk.edu.tr
Job Position	Head of Information Society Research Center



Organisation Details

Bilgi Toplumu Uygulama ve Arastirma Merkezi olarak E-devlet, e-donusum basta olmak uzere akadenu, devlet ve sanayi dunyasini bir araya getirerek, proje, konferans ve calisyatlar duzenlemektedir.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: [IoT for Digital Single Market](#)

Dokuz Eylul University

Organisation Name

Country	Turkey
City	Izmir
Street	Tinaztepe Campus
Website	
Phone	
Organisation Type	University

Person

Name	Semih Yilmaz
Email	semih.yilmaz@deu.edu.tr
Job Position	Lecturer



Organisation Details

Dokuz Eylul University, Maritime Faculty, Marine Engineering Department

Areas of Activity

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

FARBA Otomotiv Aydınlatma ve Plastik Fabrikaları A.Ş.

Organisation Name

Country	Turkey
City	Bursa
Street	Sarı Cad.
Website	www.farba.com
Phone	
Organisation Type	Company



Person

Name	Mete YILMAZ
Email	mete.yilmaz@farba.com
Job Position	R&D Incentives and IP Specialist



Organisation Details

FARBA PROFILE;

Farba Automotive Lighting and Plastics Corporation has almost 40 years of automotive exterior lighting products design and development experience. Research and Development, Mold Design and Development, Process Design, Project Sales and Management, Production are main divisions of the company.

Research era of Farba;

- Automotive thermoplastics (Mechanical Properties of Automotive Thermoplastics)
- Injection molding technologies
- Coating technologies
 - Metalizing (PVD)
 - Thermal vapour deposition
 - Sputtering
 - Hard coating, anti-haze coating and painting
 - Robotic
 - Flow curtain
 - Thermoplastics welding processes
 - Lighting technologies
 - Led
 - Halogen
 - Laser
 - Xenon
- Simulation Team (Computer Aided Engineering Team)
 - Thermal Management of Lighting Units (Headlamp and Rearlamp)
 - PCB Layout Thermal Management (Products with LEDs)
 - Radiation Based Thermal Management (Products with Bulb)
 - Vibration Simulations in FE Environment
 - Random Vibration
 - Harmonic Vibrations
 - FRF Simulations
 - Fatigue Simulations in FE Environment

- Stress Life Simulations
 - Strain Life Simulations
 - Vibration Fatigue Simulations
 - Safety and Crash Applications (Pedestrian Safety Applications in Headlamps)
 - Mold flow simulations
 - Filling Simulations
-
- Packing Simulations
 - Cooling and Warpage Simulations
-
- Electronic design capabilities
 - Electronic Circuit Management of Lighting Units
 - PCB Layout design
 - PCB Assembly Production
-
- Optics capabilities
 - Simulating performance of Automotive Lighting Units through the ECE, SAE...
 - Measuring Lighting Units Performances
 - Product design (Headlamp and Rear Combination Lamp component and assembly design)
 - Mold design and production

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)

ETIYA Information Technologies

Organisation Name

Country	Turkey
City	ISTANBUL
Street	YTU TEKNOPARK DAVUTPASA
Website	www.etiya.com
Phone	
Organisation Type	Company



Person

Name	Erdinc Yiğitel
Email	erdinc.yigitel@etiya.com
Job Position	Sales and Business Development Manager

Organisation Details

Etiya is the leading Independent Software Vendor providing comprehensive Telco CRM, Catalog-Driven B/OSS, Social CRM, and Big Data Analytics to Communication & Digital Service Providers. Etiya is a pioneer that has been shaping the industry with its long-term experience and deep telecom knowledge. Founded and run by engineers, Etiya has become a fast growing software company with offices and customers in Canada, Singapore, UK, Azerbaijan and Turkey.

With its award-winning innovative products, its rapid deployments within 90 days, and its end-to-end implementation capabilities from consultancy to managed service, Etiya provides the most complete offer in the market. Etiya's transformational products are certified with the TeleManagement Forum (TM Forum) industry standards – this means, the products are industry-tested, industry-open, and future-proven. These products have been successfully implemented and proven in Tier-1 carriers and large incumbent CSPs.

As a thought leader, Etiya helps to define standards within the industry and its contributions to the telecommunication sector (worldwide) have been validated by the TM Forum by being a nominee of the Outstanding Contribution to Enabling Improved Business Agility 2016 and the winner of the Excellence Award for Customer Centricity 2015.

Areas of Activity

Big Data and Content

- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: Project Partner

Specialties; Bigdata, Data mining, Data science, Deep learning, Machine learning, Text analysis

Ford Otomotiv San. A.Ş.

Organisation Name

Country	Turkey
City	Kocaeli
Street	Ali Uçar
Website	
Phone	
Organisation Type	Company

Person

Name	Yildirim Yolcu
Email	yyolcu@ford.com.tr
Job Position	MH&PE Supervisor

Organisation Details

Ford Otosan is a vehicle production company.

Kütahya İl Özel İdaresi

Organisation Name

Country	Turkey
City	Kütahya
Street	Yenidoğan mah., Dumlupınar Blv.
Website	http://www.kutahyaozid.gov.tr/
Phone	
Organisation Type	Authority/Government



Person

Name	Ismail Volkan YOLUC
Email	volkanyoluc@gmail.com
Job Position	Engineer



Organisation Details

The special provincial administration shall have the duty and entitlement to the following ,provided that they are of a local and common nature: a) Within provincial boundaries: services relating to health, agriculture, industry and trade; environmental arrangement plan of the province, public works and housing, protection of soil, prevention of erosion, social services and assistance, granting micro loans to the poor, nurseries and orphanages; procurement of plots of lands for primary and secondary education schools, and the meeting of their needs for the construction, maintenance and repairs of their schools, b) Outside provincial boundaries: services relating to reconstruction, roads, water, sewage, solid wastes, environment, emergency assistance and rescue, culture, tourism, youth and sports affairs; supporting forest villages, afforestation, and establishment of parks and gardens. Environmental arrangement plan of the province shall be performed under the coordination of the governor, and in cooperation with metropolitan municipalities in metropolises, and with the provincial municipality and special provincial administration in other provinces. Environmental arrangement plan of the province shall be approved by the municipal assembly and the general provincial assembly. The order of priority to be followed in providing the services shall be determined in view of the financial status of the special provincial administration, the urgency of the service concerned and the level of development of the locality. Services of the special provincial administration shall be provided in the places nearest to the citizens and through the most appropriate methods. In the provision of services, methods responsive to the status of the disabled, the elderly, the poor and the people with limited incomes shall be applied. Coordination aimed at an integral and coherent provision of services between other local administrations and public institutions shall be ensured by the governor of that particular province. Powers and responsibilities vested in the Ministry of Industry and Trade and organized industrial zones by the Organized Industrial Zones Act No. 4562 are not subject to this Act.

Areas of Activity

Big Data and Content

- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)

Cooperation Profiles

Coordinator: [Symbiocity](#)

We are open to all ideas related to symbiocities and smart cities.

Bogazici University

Organisation Name

Country	Turkey
City	Istanbul
Street	Bebek
Website	www.cmpe.boun.edu.tr
Phone	
Organisation Type	University

Person

Name	Arda Yurdakul
Email	yurdakul@boun.edu.tr
Job Position	Academician

Organisation Details

The Computer Engineering Department (CmpE), with its 22 full-time [faculty members](#), holds the largest research groups on Computer and Sensor Networks, Video and Image Processing, Robotics and Artificial Intelligence in Turkey. With approximately 200 graduate students, enrolled in 2-year [Master of Science](#) (with thesis) and [PhD programs](#), CmpE has the largest graduate program in Turkey.

The [undergraduate program](#) in computer engineering is designed so that students have a balanced background in computer hardware, software, and computer applications, and that they can adopt themselves to rapidly changing technology in their professional carrier.

The [research labs](#) and the [research projects](#) span a wide spectrum ranging from embedded system design and real time operating systems to parallel, distributed and ubiquitous computing and multi-agent systems, including various aspects such as multimedia communications, security, and human computer interaction.

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

SAMPAŞ

Organisation Name

Country	Turkey
City	Istanbul
Street	Beykoz
Website	http://www.sampas.com.tr
Phone	
Organisation Type	Company



Person

Name	M.SERDAR YÜMLÜ
Email	serdar.yumlu@sampas.com.tr
Job Position	Business Development Director



Organisation Details

SAMPAS is the leading Turkish **IT company** which introduced the **Smart City concept** to Turkey, providing information management tools and project management services - tailored for the specific needs of the local authorities.

We have numerous value-added solutions for building today's **Intelligent Cities**. From design to installation, operation to maintenance and consulting, Turkish local governments have implemented many award winning projects with company's vast expertise and experience.

With over 20 strategic partnerships with national and international giants, SAMPAS has been providing city and citizen focused information technology solutions - government software, intelligent water management systems, payment systems, geographical information systems, urban projects management, SaaS solutions and smart card projects - for hundreds of **municipalities across Turkey** contributing to country's transformation process towards becoming an e-government. Headquartered in Istanbul, SAMPAS has three major regional offices in İzmir, Adana and Ankara.

FORMER PROJECTS:

SMART-FI - H2020/ENSCC (2016-2019) - <http://smart-fi.eu> - : Provides services for smart city applications, creates business opportunities and improves public's quality of life using Open Data.

STEP- H2020 (2015-2018) - <http://step4youth.eu> : The overall objective of the project is to develop and pilot test a cloud eParticipation SaaS platform, (available as a mobile application and through a web platform) enhanced with web / social media mining, gamification, machine translation, and visualisation features, which will promote the societal and political participation of young people in the decision-making process on environmental issues.

eEnviPer - FP7 ICT-PSP (www.eenviper.eu): "A single multi-purpose SOA platform that delivers environmental permissions services through the cloud of e-government services and applications" Supported by ICT-PSP (Partner). The aim of the project is to create a single multi-purpose SOA platform that delivers environmental permissions services through the cloud of e-government services and applications. The project has 12 partners among 7 different countries including Greece, Belgium, Croatia, Italy, United Kingdom, Serbia and Turkey.

Open-DAI - FP7 ICT-PSP (www.opendai.eu): "Opening Data Architectures and Infrastructures of European Public Administrations" Supported by ICT PSP (Partner). The aim of the project is to open huge amount of data stored in public administrations' databases to the wide audience of potential users and create an open architecture model for the PA information system. The project has 11 partners among 4 different countries including Italy, Spain, Sweden and Turkey.

CRUMBS(CELTIC+): "Places and Augmented reality in Social Networks" Supported by CELTIC (Partner). This idea means that users will consume rich multimedia social content — stuck in different places by using their mobile phone as a mixer between the real world, captured by the mobile camera, and the (crumbs) social content provided by CRUMBS users. The key elements of this project are a Mobile Geo-Spatial Social Network and an Augmented Reality Engine.

OSAMI-COMMONS (ITEA2): “Open source common foundations for a dynamic service-oriented platform” Supported by EUREKA ITEA2. (Partner) The aim of the project is to provide open source common foundations for a dynamic service-oriented platform which is able to personalise itself in large diversity of co-operating Software Intensive Systems (SISs). OSAMI-Commons has 35 different participants among five different participating countries including Spain, Germany, France, Turkey and Finland. SAMPAS has the leadership on Ambient City Services (ACS) demonstrator and Vertical Domains tasks in the project.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: SAMPAS

Migros T.A.Ş.

Organisation Name

Country	Turkey
City	İstanbul
Street	Turgut Özal Bulvarı
Website	
Phone	
Organisation Type	Company

Person

Name	Birol Yüceoğlu
Email	byuceoglu@migros.com.tr
Job Position	R&D Projects Evaluation

Organisation Details

We are a leading FMCG retailer in Turkey with an R&D Center. Currently, we operate in more than 1400 stores, including an online store. We offer a wide variety of products, such as dry food, fresh food (fruits, vegetables, meat), detergents, cosmetics, electronics, and textile

We are looking to participate in consortia as a large scale demonstrator as well as researcher.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

[Partner: Big Data PPP: cross-sectorial and cross-lingual data integration and experimentation](#)

We are looking to participate in consortia on cross-sectorial and cross-lingual data integration.

[Partner: Big Data PPP: Large Scale Pilot actions in sectors best benefitting from data-driven innovation](#)

We are looking to participate in consortia on large-scale pilot actions from data-driven innovation.

[Partner: Big Data PPP: Large Scale Pilot actions in sectors best benefitting from data-driven innovation](#)

We are looking to participate in consortia on large-scale pilot actions from data-driven innovation.

TÜBİTAK BİLGEM UEKAE

Organisation Name

Country	Turkey
City	KOCAELİ
Street	ZEKİ ACAR
Website	
Phone	
Organisation Type	R&D Institution

Person

Name	enes yücer
Email	enes.yucer@tubitak.gov.tr
Job Position	Researcher

Organisation Details

developing and researching new product for government and military services

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

TUBITAK Space Technologies Research Institute (TUBITAK UZAY)

Organisation Name

Country	Turkey
City	ANKARA
Street	ODTÜ
Website	http://www.uzay.tubitak.gov.tr
Phone	
Organisation Type	R&D Institution

Person

Name	Sadık Murat Yüksel
Email	sadik.yuksel@tubitak.gov.tr
Job Position	Chief Researcher in Business Development Group



Organisation Details

“TUBITAK Space Technologies Research Institute (TUBITAK UZAY) is an applied research, technology development, and application-oriented institute. Our core competence is in satellite technologies in system and subsystem levels, however, we diversified our interest into communication systems, remote sensing and data processing, and aerospace technologies.

Our first optical remote sensing satellite was emerged as BİLSAT in 2003 with close collaboration with SSTL of United Kingdom. This was followed by the indigenous optical remote sensing satellites RASAT (2011) and GÖKTÜRK-2 (2013), establishing the institute as the leading satellite research and development organization in Turkey. RASAT and GÖKTÜRK-2 are still active in orbit and operated by TUBITAK UZAY and Turkish Air Force, respectively. To dates in these projects, we have developed several satellite subsystems, which are ready for space missions. Currently, we are developing subsystems for a higher resolution remote sensing satellites for Turkey. We were also awarded as the main contractor to develop next generation Turkish communication satellites for TURKSAT, known as TURKSAT 6A, to be completed in 2019.

Our interest in remote sensing is focused on post-processing of aerial and satellite images and developing algorithms and software tools to provide usable information for decision makers in areas such as precision agriculture and disaster management.

Along with our satellite related projects and studies, we have developed capabilities on designing RF (radio frequency) and microwave passive and active circuits, antennas, and communication specific baseband.

Recently, we have expanded our interest into aerospace technologies such as small unmanned systems to support our precision agriculture studies, high altitude long endurance unmanned systems for large area surveillance and mapping, aero-structures, and aero-thermal systems.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

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ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Tubitak-Bilgem

Organisation Name

Country	Turkey
City	Kocaeli
Street	AKSE Mah. 557 Sok.
Website	
Phone	
Organisation Type	R&D Institution

Person

Name	Serkan Yıldırım
Email	serkan.yildirim@tubitak.gov.tr
Job Position	Project Manager

Organisation Details

National research center of Turkey.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Organon Analytics Inc.

Organisation Name

Country	Turkey
City	İstanbul
Street	Kültür MAh. Esra Sok No:9
Website	www.organonanalytics.com
Phone	
Organisation Type	SME

Person

Name	Üstün Yıldız
Email	ustun.yildiz@organonanalytics.com
Job Position	R&D



Organisation Details

Organon Analytics is a big data analytics company, creating predictive intelligence from vast volumes of data. This intelligence is mostly in the form of statistical models that are derived from actual data. Organon was founded in 2011 and operates in two primary fields: providing consultancy at all phases of an analytics project and developing software that can be used to create predictive intelligence. We have 14 full time employees, both from technical and management backgrounds. **Organon Analytics's vision is to democratize big data technology with the ultimate goal of enabling everyone to use intelligence.** As of 2016, Organon has started to adopt the software-as-a-service approach, and is planning to use cloud as a medium to present its services globally.

Company consists a group of market professionals, who solve business problems with the help of applied mathematics and computational sciences. Since 2011, Organon has served large corporations like Turkcell (Europe's Second Largest Telco Company), Garanti Bank (Turkey's Second Largest Private Bank) and Dogus Group (One of Turkey's Leading Corporate Groups). Organon provides solutions and services for information-intensive sectors; finance, insurance, retail, telecommunications and e-commerce.

Some of the company's R&D projects are financially supported by The Scientific and Technological Research Council of Turkey (TÜBİTAK). These products are Intelligent Data Quality (IDQ), Intelligent Modeller (IM) and Intelligent Data Ready (IDR).

Other products include *Long Tale Personalization Engine*, which creates personalized recommendations with high accuracy and fast speed based on high volume transactional and customer level data that many recommendation systems cannot handle; *Intelligent Unifier*, which uses statistical algorithms to merge, purge, match and link records sourced from heterogeneous data sources; *Intelligent Content Classification*, which is a text mining software and uses supervised and unsupervised algorithms to map content (textual) to a common ontology; and *Intelligent Demand Forecaster*, which is a high performance software, used to predict demand by using an array of statistical algorithms.

In this manner, since the direction of the company is leading to provide added-value and cost-effective innovations by using latest technologies, and we have a vast knowledge and experience in big data management and machine learning technology, the proposed project is totally fitting our company strategy and expertise.

Our company has an experienced engineering team that works on R&D projects and a competent sales & marketing team that work on commercialization of the projects. This project will give opportunity for current R&D staff to involve in process of commercialization of an invention where it turns to an added-value innovation. With the success received from this project, our company will go from local to international recognition and credibility.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Cooperation Profiles

Partner: [Data Quality Predictive Modelling](#)

Considering the drawbacks of the existing solutions, Organon decided to develop IDQ a data quality software machine learning based self-learning system that detects data corruptions rapidly, without human intervention, with high precision and high sensitivity, also operating both on the cloud and on-premise.

Istanbul University Technology Transfer Office

Organisation Name

Country	Turkey
City	Istanbul
Street	Istanbul University Avcılar Campus Argem Building 2nd Floor
Website	www.istanbul.edu.tr
Phone	
Organisation Type	University

Person

Name	Kadir Yılmaz
Email	kadir.yilmaz@istanbul.edu.tr
Job Position	Technology Transfer Expert



Organisation Details

Istanbul University Technology Transfer Office, Istanbul TTO in short, aims to transform knowledge into new and competitive products and the creation of added value, transfer it to the industry, and commercialize it to increase the number of licensable patents by collecting the accumulation of science, technology transfer and innovation accumulation of the University within the framework of a central body. To this end, Istanbul TTO aims to increase the technological and innovative research and development capabilities of public and private sector establishments.

By providing the technology transfer in the individual, corporate, regional, national, and international level with its activities, Istanbul TTO, acts to increase the competitiveness of the state in the international field by contributing to enriching the knowledge accumulation, strengthening technology development, and creating a technology development and innovation culture.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Robotics and Autonomous Systems

- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Dilişim Ltd. Şti.

Organisation Name

Country	Turkey
City	Eskişehir
Street	Anadolu Univ. Yunus Emre Kampüsü. Teknopark Binası. No:209
Website	www.dilisim.com
Phone	
Organisation Type	Company



Person

Name	Özgür Yılmazel
Email	ozgur@dilisim.com
Job Position	CEO



Organisation Details

Dilişim was founded by Dr. Özgür Yılmazel in 2009. The company has expertise in Big Data Systems, Natural Language Processing and Search. Dilişim is Cloudera's only silver level system integrator partner and the only training partner in Turkey.

We use Hadoop, Spark, MapReduce, HDFS, Pig and Hive to provide Big Data solutions. As we have been building Big Data systems with these technologies for years, our team has a strong understanding of what the best Hadoop ecosystem solutions are. Our Big Data services range from use-case development and cluster installation to system integration and turnkey projects:

- Analyze your organization and use cases to define Big Data strategy
- Choosing the right technology tools for your Big Data infrastructure
- Designing Hadoop solutions by Cloudera-certified consultants
- Installation, configuration and operation of Hadoop clusters
- Large-scale ETL with Hadoop
- Real-time data processing using Spark Streaming
- Big Data Analytics to mine valuable insights from your data
- Apache Solr architecture, integration and implementation for enterprise search
- Developer, Administrator, Data Analyst, Spark trainings by Cloudera certified training specialists

Dilişim was selected as one of the 100 Most Promising Big Data Solution Providers in the world in 2016 by CIO Review magazine.

Areas of Activity

Big Data and Content

- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)

Cooperation Profiles

[Partner: Big Data Integration and Utilization in Multidisciplinary Projects](#)

Dilişim is a Big Data company and has the experience of integrating Big Data within different businesses such as telco, finance and retail. As a result we would like to participate as a Big Data Technical Partner within the multidisciplinary projects where the businesses would benefit from Big Data.

Dr-Dt

Organisation Name

Country	Switzerland
City	Lausanne
Street	Rue Pre du Marche 23
Website	www.dr-dt.com
Phone	
Organisation Type	Consulting



Person

Name	Raafat Zarka
Email	raafat.zarka@gmail.com
Job Position	Co-founder



Organisation Details

Dr-Dt is a consulting and training firm for Big data and Business Intelligence. In addition to consulting, we offer software development services, e.g. we developed OPOP an easy to use billing system for SwissMedLogic which targets hospitals and clinics. This system is nominated for the GS1 network prize 2016 <https://gs1network.ch/nachrichten/item/1521-sauber,-zentral,-schnell-und-aus-der-wolke.html>

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)

Cooperation Profiles

Coordinator: [Automatic big data Integration for health organizations](#)

Big data integration is an important part when using a new billing system in health organizations. In this idea we work on making the process of Migration and Integration automatic, easy to use and applicable for heterogeneous data sources.

Organisation Name

Country	Turkey
City	Istanbul
Street	Yıldız
Website	
Phone	
Organisation Type	University

Person

Name	Namık Zengin
Email	zengin@yildiz.edu.tr
Job Position	Research Assistant

Organisation Details

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Areas of Activity**Robotics and Autonomous Systems**

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Turk Telekom

Organisation Name

Country	Turkey
City	Istanbul
Street	Ahmet Tevfik İleri Cad. No:5 Umraniye
Website	www.turktelekom.com.tr
Phone	
Organisation Type	Company

Person

Name	Engin Zeydan
Email	engin.zeydan@turktelekom.com.tr
Job Position	R&D Engineer

Organisation Details

Turk Telekom, Turkey's leading communication and convergence technologies company, successfully continues to sustain its mission of providing Turkey with the latest communication technologies. Today, Turk Telekom is Turkey's leading integrated telecommunication and technology services provider with its Group Companies. It offers its customers a wide range of services from fixed voice to mobile voice, data, Internet, and innovative convergence technologies.

TT Group R&D is focusing on wired/wireless communication technologies including 5G technologies, SDN, NFV, cloud based services related technologies and data analytics with a research team collaborating with best-in-class professors and PhD/master students from the most respected universities in Turkey.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Elinistech

Organisation Name

Country	Israel
City	Givataim
Street	2 Ishak sade, Mobail phone 972.544500635
Website	www.elinistech.com
Phone	0544500635
Organisation Type	Company



Person

Name	Nissim Zur
Email	nissim@vitelix.com
Job Position	CTO



Organisation Details

See us at WWW.ELINISTECH.COM

We are the biggest worldwide design house for global Internet of Things ("IoT") Endpoint devices platform for manufacturers.

unique Intellectual property design is used and OEM licensed to others

The Internet over Bluetooth Smart long range 200 meters and more.

Mesh Bluetooth Smart data from node to node over 200 meters, unlimited hops/ nodes / distance

The bridge bridges Bluetooth Smart long-range mesh to Wi-Fi (AP+ST)

Bridges Infra-Red from any remote control to any device in the world.

Also to our mesh network. Send Infra-Red command output from Bluetooth Smart and Wi-Fi/internet based data based.

Our designs are based on a very lowest cost chips possible. Bluetooth Smart & Wi-Fi.

BOM of Bluetooth Smart tag can cost less than 2 USD.

Our technologies are a game-changing for IoT and **Industrial IoT ("IIoT") devices**

We license all our designs to customers. Hardware, Firmware, PCB , Android apps.

we have designs ready for:

- INDUSTRIAL INTERNET OF THINGS TAILOR-MADE SOLUTIONS FOR OIL & GAS
 - Wireless mesh network for worker safety and monitored sensors
 - Unique tailor-made Wireless Sensors
 - IOT worker BEACON BADGE
- WELLNESS AND SAFETY SOLUTIONS
 - IoT retractable badge
 - Who is at specific room right now? When & where were they last been? Temperature, Humidity, hazard condition detection and wirelessly reported. Wireless buzzer alarm. "Call for help" by hand proximity gesture detection. Reporting to the Internet Big Data Internet database
- ELINISTECH-MESH™ IOT & IIOT
 - ElinistechMesh™ protocol running over Bluetooth® Smart allows for comprehensive home / office/ factory automation connectivity solutions with easy low-cost Bluetooth Smart & Wi-Fi Bridge to the internet.
 - BOM sub 3 USD.
- THE BRIDGE USB-IR-BLE-WIFI
 - Bluetooth smart long range wi-fi gateway. automated bridging Bluetooth smart devices data to internet analytic database. covers a radius of 200 meters. mesh Bluetooth smart data node to unlimited hops. has programmable wi-fi (ap+st). monitored temperature and generate an in-

fra-red command for internet base. gets and sends infra-red commands from any device in the mesh network

5. LOGISTICS SOLUTIONS

- Industrial internet of things("IIoT") Tailor made logistics solutions Wireless Sensor Sensing, monitoring & controlling
- Portable long range Bluetooth Smart mesh bridge with Wi-Fi temperature , Humidity , Movement and location based
- Great to monitor any cold shipment product

6. BABY CARE BAND™

- A towel stretchable cotton sweatband. One fits on infant's leg, the other on mother hand. It monitors the infant bio-signs and sends a wireless alert to the mother's wristband & phone, as rising temperature, humidity & Movement. Worldwide coverage with our bridge

1. LUMENGLow™ BLE LAMP LONG RANGE MESH WITH SENSORS

- A Combination of Led Lamp and Wireless mesh environmental Sensors Network. Support sensors as smoke, fire, gas etc.

2. SOLUTION FOR SMART IOT CAR

- Enabling Wireless car to phone Technologies.
- 72 percent of smartphone owners would find value in IoT connected car to phone solutions.
- Self-report car video
- IoT car in smart City video
- IoT_to_mobile

3. SOLUTION TO SMART CITIES

- LONG RANGE MESH WITH WI-FI SENSORS
- A Wireless environmental sensors

4. LUMENGLow™ BLE VIRTUAL MESH SWITCH

- On the wall, Coin battery, multi-point 3D proximity sensing, mesh command to one or to multi-group lamps. Door BLE keypad

5. BLE PILLS CONSUMPTION MONITORING DEVICE

- The device has a unique combination of sensors and Artificial Intelligence algorithms to monitor consumption of pills and reminds the patient to consume the right number of pills on time

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Coordinator: Cooperation on any IOT project we have value to contribute. As BLE to WIFI bridge. Ble long range. BLE PILLS CONSUMPTION MONITORING DEVICE ETC. see more on our web WWW.ELINISTECH.COM

See us at WWW.ELINISTECH.COM Or call my Skpe nissim.test to see live video demo. We are the biggest worldwide design house for global Internet of Things ("IoT") Endpoint devices platform for manufacturers. unique Intellectual property design is used and OEM licensed to others The Internet over Bluetooth Smart long range 200 meters and more. Mesh Bluetooth Smart data from node to node over 200 meters, unlimited hops/ nodes / distance The bridge bridges Bluetooth Smart long-range mesh to Wi-Fi (AP+ST) Bridges Infra-Red from any remote control to any device in the world. Also to our mesh network. Send Infra-Red command output from Bluetooth Smart and Wi-Fi/internet based data based. Our designs are based on a very lowest cost chips possible. Bluetooth Smart & Wi-Fi. BOM of Bluetooth Smart tag can cost less than 2 USD. Our technologies are a game-changing for IoT and Industrial IoT ("IIoT) devices We license all our designs to customers. Hardware, Firmware, PCB , Android apps. we have a designs ready for: 1. INDUSTRIAL INTERNET OF THINGS TAILOR MADE SOLUTIONS FOR OIL & GAS 1.1. Wireless mesh network for worker safety and monitored sensors 1.2. Unique tailor made Wireless Sensors 1.3. IOT worker BEACON BADGE 2. WELLNESS AND SAFETY SOLUTIONS 2.1. IoT retractable badge 2.2. Who is at specific room right now? When & where were they last been? Temperature, Humidity, hazard condition detection and wirelessly reported. Wireless buzzer alarm. "Call for help" by hand proximity gesture detection. Reporting to Internet Big Data Internet data base 3. ELINISTECH-MESH™

IOT & IIOT 3.1. ElinistechMesh™ protocol running over Bluetooth® Smart allows for comprehensive home / office/ factory automation connectivity solutions with easy low cost Bluetooth Smart & Wi-Fi Bridge to internet. 3.2. BOM sub 3 USD. 4. THE BRIDGEUSB-IR-BLE-WIFI 4.1. bluetooth smart long range wi-fi gateway. automated bridging bluetooth smart devices data to internet analytic data base. covers radius of 200 meters. mesh ble data node to unlimited hopes. has programmable wi-fi (ap+st). monitored temperature and generate infra-red command for internet base. gets and sends infra-red commands from any device in mesh network 5. LOGISTICS SOLUTIONS 5.1. Industrial internet of things("IIoT") Tailor made logistics solutions Wireless Sensor Sensing, monitoring & controlling 5.2. Portable long range Bluetooth Smart mesh bridge with Wi-Fi temperature , Humidity , Movement and location based 5.3. Great to monitor any cold shipment product 6. BABY CARE BAND™ 6.1. A towel stretchable cotton sweatband. One fits on infant leg, the other on mother hand. It monitors the infant bio signs and sends wireless alert to the mother's wristband & phone, as rising temperature, humidity & Movement. Worldwide coverage with our bridge 7. LUMENGLOW™ BLE LAMP LONG RANGE MESH WITH SENSORS 7.1. A Combination of Led Lamp and Wireless mesh environmental Sensors Network. Support sensors as smoke, fire, gas etc. 8. SOLUTION FOR SMART IOT CAR 8.1. Enabling Wireless car to phone Technologies. 8.2. 72 percent of smartphone owners would find value in IoT connected car to phone solutions. 8.3. Self-report car video 8.4. IoT car in smart City video 8.5. IoT_to_mobile 9. SOLUTION TO SMART CITIES 9.1. LONG RANGE MESH WITH WI-FI SENSORS 9.2. A Wireless environmental sensors 10. LUMENGLOW™ BLE VIRTUAL MESH SWITCH 10.1. On the wall, Coin battery, multi point 3D proximity sensing, mesh command to one or to multi-group lamps. Door BLE keypad 11. BLE PILLS CONSUMPTION MONITORING DEVICE 11.1. The device has a unique combination of sensors and Artificial Intelligence algorithms to monitor consumption of pills and reminds the patient to consume the right number of pills on time

Partner: We have a vast knowledge and unique technologies for IOT in any field.

We have a vast knowledge and unique technologies for IOT in any field. we can be partners to any EU IOT project as the technologies implementation

Farba Automotive Lighting Products and Plastics Company

Organisation Name

Country	Turkey
City	Bursa
Street	Sarı Cad.
Website	
Phone	
Organisation Type	Company

Person

Name	Samet Çalışkan
Email	samet.caliskan@farba.com
Job Position	FEA Engineer

Organisation Details

FARBA PROFILE;

Farba Automotive Lighting and Plastics Corporation has almost 40 years of automotive exterior lighting products design and development experience. Research and Development, Mold Design and Development, Process Design, Project Sales and Management, Production are main divisions of the company.

Research era of Farba;

- Automotive thermoplastics (Mechanical Properties of Automotive Thermoplastics)
- Injection molding technologies
- Coating technologies
 - Metalizing (PVD)
 - Thermal vapour deposition
 - Sputtering
 - Hard coating, anti-haze coating and painting
 - Robotic
 - Flow curtain
- Thermoplastics welding processes
- Lighting technologies
 - Led
 - Halogen
 - Xenon
- Simulation Team (Computer Aided Engineering Team)
 - Thermal Management of Lighting Units (Headlamp and Rearlamp)
 - PCB Layout Thermal Management (Products with LEDs)
 - Radiation Based Thermal Management (Products with Bulb)
 - Vibration Simulations in FE Environment
 - Random Vibration
 - Harmonic Vibrations
 - FRF Simulations
 - Fatigue Simulations in FE Environment
 - Stress Life Simulations
 - Strain Life Simulations

- Vibration Fatigue Simulations
- Safety and Crash Applications (Pedestrian Safety Applications in Headlamps)
- Mold flow simulations
 - Filling Simulations
 -
 - Packing Simulations
 - Cooling and Warpage Simulations
- Electronic design capabilities
 - Electronic Circuit Management of Lighting Units
 - PCB Layout design
 - PCB Assembly Production
 -
- Optics capabilities
 - Simulating performance of Automotive Lighting Units through the ECE, SAE...
 - Measuring Lighting Units Performances
- Product design (Headlamp and Rear Combination Lamp component and assembly design)
- Mold design and production

Areas of Activity

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)

FMV Işık University

Organisation Name

Country	Turkey
City	İstanbul
Street	Meşrutiyet Köyü
Website	
Phone	
Organisation Type	University

Person

Name	Seval Çağıl
Email	seval.cagil@isikun.edu.tr
Job Position	University-Industry Partnerships Specialist



Organisation Details

FMV Işık University was established in 1996 as a non-profit university by Foundation of Feyziye Schools (FMV), an education foundation established in 1885. Despite its young age, the university has five faculties, two Graduate Schools and three research centres. There are 32 undergraduate, 17 Masters's and five PhD programs. The number of academic staff is 285 and the majority of them have earned Ph.D. from renowned European and North American institutions. Işık University positions itself to be one of the most innovative and research-oriented universities in Turkey. Thanks to the university's cooperation with various national and international institutions, its project portfolio has exceeded 15 Million TL (about 5 Million Euros) for 2015-2016 academic year.

Işık University's research projects are organized, developed and managed through the Sponsored Research Office (SRO). This office works with faculty members to carry out planning, development and management of research projects, development of industrial relations, innovation, technology transfer, and intellectual property (IP) management.

Areas of Activity

Big Data and Content

- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

German-Turkish Chamber of Industry and Commerce

Organisation Name

Country	Turkey
City	Tarabya-Istanbul
Street	Yeniköy Cad. No: 88
Website	www.dtr-ihk.de
Phone	
Organisation Type	Association/Agency

Person

Name	Meltem Çokluk
Email	meltem.cokluk@dtr-ihk.de
Job Position	Head of Events, Fairs & Delegations Department

Organisation Details

The German-Turkish Chamber of Industry and Commerce is an association founded in 1992. The Chamber is a non-profit organization, which combines three tasks under one roof:

1. Member's administration
2. Official representation of the German economy in Turkey
3. Services for member's and interested companies (e.g. Market researches; B2B meetings; Business partner searches; Business, Technical and Delegation trips; Event management; Education; Law&investment).

Until now, we, as the German-Turkish Chamber of Industry and Commerce, have no experience with EU projects, but we want to be part of it and support companies & institutions in their implementations.

Consider us as an experienced and reliable partner for projects in Turkey and Germany.

Idea Teknoloji

Organisation Name

Country	Turkey
City	Istanbul
Street	Sun Plaza BBDO Blok Dereboyu Cd. Bilim Sk No:5
Website	http://ideateknoloji.com.tr
Phone	
Organisation Type	SME

Person

Name	Esra Çınar
Email	cinairesra@yahoo.com
Job Position	R&D Project Manager

Organisation Details

Idea Teknoloji is a software company with an R&D center that conducts research projects in various areas. Our expertise encompasses a range of topics, such as Secure Electronic Document Management Systems, Security-Privacy-Trust, Telecommunications, Database Technologies, Big Data, Pattern Recognition, Computer Vision, Data Mining, Embedded Systems, Life Sciences (Biometrics, Bioinformatics, and Biological Authentication Systems), Route and Movement Planning and Mobile Technologies.

Idea Teknoloji offers two SaaS solutions to various enterprises: VisionPlus Operational software solutions and e-Finance solutions. VisionPlus Operational Software provides flexibility and efficiency to corporations through business applications, such as Customer relationship management; Sales force automation; Supply chain management; Pharmaceutical track and trace system; Dynamic workflow system; Route planning optimization; and In-memory database reporting system.

E-Finance and e-Government applications include e-Invoice; e-Ledger and electronic accounting records; e-Archiving; e-Ticket; and hardware & embedded system based e-Document solutions. These solutions are enriched by data mining based financial forecasting, rule based financial auditing and reporting, fraud and error analysis in financial documents and regulatory compliance analysis.

TÜBİTAK Marmara Research Center, Material Institute

Organisation Name

Country	Turkey
City	KOCAELI
Street	TUBITAK MAM, ME, DR.ZEKİ ACARCAD. NO:1, GEBZE, KOCAELI TURKEY
Website	
Phone	
Organisation Type	R&D Institution

Person

Name	Hülya Ölmez
Email	hulya.olmez@tubitak.gov.tr
Job Position	Chief Senior Researcher

Organisation Details

Material Institute, Center of Excellence on Biomaterials, Biomechanics and Bioelectronics.

Areas of Activity

ICT Key Enabling Technologies

- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: [Center of Excellence on Biomaterials, Biomechanics and Bioelectronics](#)

The Material Institute (MI) is one of the seven institutes of Marmara Research Center (MRC) all of which act under TÜBİTAK. Being located in the same campus with all the other institutes of MRC, MI has the opportunity to make use of the infrastructure of the Center and perform multidisciplinary research projects. Moreover, since the campus is established in close vicinity of the Turkey's biggest organized industrial zones, MI is able to conduct scientific and technological research studies in close collaboration with the industry. The research topics of the Biomaterials and Biosensors Research group are biomaterials and biosensors for medical applications, antimicrobial/antibiofilm surfaces, and 3D bioprinting. The group has participated in 7 EU projects during the last 10 years, and is being conducted many nationally funded projects at the moment. The group has expertise on bio- nanomaterials, biosensors, polymer synthesis, polymeric thin films, plasma polymerization, natural antimicrobial agents, microbiology and biofilm control.

Tübitak Bilgem YTE

Organisation Name

Country	Turkey
City	CANKAYA
Street	Cukurambar Mah. 1478. Cadde No:22
Website	
Phone	
Organisation Type	R&D Institution

Person

Name	Turan Bahattin Özen
Email	turan.ozen@tubitak.gov.tr
Job Position	Birim Sorumlusu

Organisation Details

Tübitak Bilgem YTE

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)

Robotics and Autonomous Systems

- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)

Cooperation Profiles

Partner: [BigData Analytics, Data Science](#)

BigData Analytics, Data Science

AGEM INFORMATION TECHNOLOGIES CONSULTANCY TRAINING SERVICES LTD.

Organisation Name

Country	Turkey
City	Ankara
Street	Cyberplaza A Blok No:406 Bilkent Çankaya
Website	www.agem.com.tr
Phone	
Organisation Type	SME

Person

Name	ALİ ÖZKAN ÖZEREN
Email	ali.ozeren@agem.com.tr
Job Position	R&D and Production Unit Leader

Organisation Details

AGEM, founded in 2005, develops ready to use IT solutions, R&D based products focused on new generation technologies. Our expertise is J2EE, web/mobile technologies, Linux distributions, database management systems and open source software.

AGEM, through the implementation of LiderAhenk project, is currently an integral part of the community & developers who are constructing required infrastructure for migration to open-source software (Pardus OS) at the public sector of Turkey.

AGEM implemented Arya Project with TÜBİTAK funding within 2015. Within the scope of the project, Arya methodology has been developed. Arya is a roadmap for developers by its approach to architecture, application development, migration procedures and institutional policies, with the support of the including solutions.

Among our main products; LUCA: Central Accounting System and ASYA: AGEM Labour Union Software takes place.

AGEM has more than 8 years of experience in implementation of IPA projects at ICT domain.

For more information please visit www.agem.com.tr

Contact us via E-mail: ajdan.kucukciftci@agem.com.tr, Mobile: +90 5064373748

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: Potential collaboration/partner

Offering expertise in J2EE, web/mobile technologies, Linux distributions, database management systems and open source software

Türk Telekom

Organisation Name

Country	Turkey
City	İSTANBUL
Street	Ahmet Tevfik İleri Cad. No:5 Ümraniye
Website	
Phone	
Organisation Type	Company

Person

Name	SAMET ÖZMEN
Email	samet.ozmen@turktelekom.com.tr
Job Position	R&D Operations Specialist

Organisation Details

Turk Telekom, Turkey's leading communication and convergence technologies company, successfully continues to sustain its mission of providing Turkey with the latest communication technologies. Today, Turk Telekom is Turkey's leading integrated telecommunication and technology services provider with its Group Companies. It offers its customers a wide range of services from fixed voice to mobile voice, data, Internet, and innovative convergence technologies.

TT Group R&D is focusing on wired/wireless communication technologies including 5G technologies, SDN, NFV, cloud based services related technologies and data analytics with a research team collaborating with best-in-class professors and PhD/master students from the most respected universities in Turkey.

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Alfanorm

Organisation Name

Country	Turkey
City	İstanbul
Street	Esenler
Website	
Phone	
Organisation Type	SME

Person

Name	Muzaffer Öztan
Email	moztan@alfanorm.com.tr
Job Position	General Manager



Organisation Details

Innovation and endustrial design company

Cooperation Profiles

Coordinator: General Manager

Innovation and endustrial design company

TÜBİTAK BİLGEM

Organisation Name

Country	Turkey
City	Kocaeli
Street	Dr. Zeki Acar Cd. No 74
Website	
Phone	
Organisation Type	R&D Institution

Person

Name	OLCAY ÖZTANIR
Email	olcay.oztanir@tubitak.gov.tr
Job Position	Senior Researcher



Organisation Details

TÜBİTAK BİLGEM BTE

B3LAB Bulut Bilişim ve Büyük Veri Projesi

B3LAB Cloud Computing and Big Data Project

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Bogazici University

Organisation Name

Country	Turkey
City	Istanbul
Street	Computer Engineering. Dept. Bogazici University
Website	http://www.cmpe.boun.edu.tr
Phone	
Organisation Type	University

Person

Name	Can Özturan
Email	ozturaca@boun.edu.tr
Job Position	Faculty Member



Organisation Details

Boğaziçi University is a major research university located in Istanbul, Turkey. More details about Bogazici University can be found at: <http://www.boun.edu.tr> .

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: [Blockchain Applications for Internet of Things and/or E-Science](#)

The recently emerging peer-to-peer based Blockchain technology has become enabler of crypto-currencies and smart contracts. We have experience in blockchain technologies. We have started our own blockchain infrastructure called eBloc (<http://ebloc.org>). Blockchain technology offers new models and solutions to some of the challenging problems that arise in IoT and eScience. We are willing to be partners in projects that will apply blockchain technology to IoT and/or eScience problems.

TÜBİTAK BİLGEM

Organisation Name

Country	Turkey
City	Gebze
Street	Dr. Zeki Acar Street
Website	
Phone	
Organisation Type	R&D Institution

Person

Name	Savaş Öztürk
Email	savas.ozturk@tubitak.gov.tr
Job Position	Chief Researcher



Organisation Details

The institutions within BİLGEM have so far attained hundreds of project achievements in the fields of information security, software and telecommunication. These institutions are namely the National Research Institute of Electronics and Cryptology (UEKAE), the Information Technologies Institute (BTE), The Advanced Technologies Research Institute (İLTAREN), The Cyber Security Institute (SGE) and The Software Technologies Research Institute (YTE). Thanks to the projects of the aforementioned institutes, Turkey has become one of the few countries declaring its technological independence in the fields of information security and informatics.

Products and solutions developed by BİLGEM have gone beyond the country's border, being used by many European and Asian countries and NATO as well.

In other words, Turkey is no more a country which only imports informatics and information security; but also competes with the world's leading countries in this regard.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)

- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Cooperation Profiles

Partner: [Multi-robot coordination](#)

Multi-robot and/or multi-agent projects autonomous/unmanned vehicles path finding/path planning Robotics & IoT integration

Partner: [Software Quality in the Wild](#)

SÖZ Yüksek Teknoloji

Organisation Name

Country	Turkey
City	İzmir
Street	Teknopark İzmir
Website	
Phone	
Organisation Type	SME

Person

Name	Serdar Özçelik
Email	serdar.ozcelik09@gmail.com
Job Position	Prof

Organisation Details

A start-up company focussing on photonic materials and devices, and wearable biomedical devices. Design and technology development and prototip production

Areas of Activity

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: Scale up production of colloidal quantum dots

Aiming to produce colloidal quantum dots in large scale, and development of materials chemistry of colloidal quantum dots for display and energy harvesting (using them on solar cells)

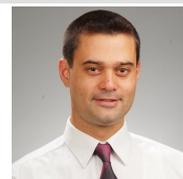
TTC Automotive

Organisation Name

Country	Turkey
City	Bursa
Street	ULUTEK 2/238 Uludağ University
Website	
Phone	
Organisation Type	Company

Person

Name	Serdar ÜNALAN
Email	unalan.serdar@gmail.com
Job Position	Strategy, Business Development & Innovation Leader



Organisation Details

TTC is;

focusing its activities on developing bi-lateral business ties between the Turkish Automotive and Aerospace industries and its counterparts through working with key major players in the industry.

Areas of Activity

Robotics and Autonomous Systems

- ICT-25-2016-2017 (RIA) Advanced robot capabilities research and take-up (15 mill €)
- ICT-25-2016-2017 (IA) Advanced robot capabilities research and take-up (19 mill €)
- ICT-27-2017 (RIA) System abilities, SME & benchmarking actions, safety certification (30 mill €)
- ICT-27-2017 (IA) System abilities, SME & benchmarking actions, safety certification (11 mill €)
- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)
- ICT-28-2017 (CSA) Robotics Competition, coordination and support (5 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

ICT Key Enabling Technologies

- ICT-30-2017 (RIA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (IA) Photonics KET 2017 (43 mill €)
- ICT-30-2017 (CSA) Photonics KET 2017 (3 mill €)
- ICT-31-2017 (RIA) Micro- and nanoelectronics technologies (19 mill €)
- ICT-31-2017 (IA) Micro- and nanoelectronics technologies (3 mill €)
- ICT-31-2017 (CSA) Micro- and nanoelectronics technologies (1 mill €)

Cooperation Profiles

Coordinator: [Strategy, Business Development and Innovation Leader](#)

We can coordinate or suppose projects but also can be good partner... - Strategic Business Development - Project Management - R&D and Engineering Consultancy - Reverse Engineering - Renewable Energy - Electric Vehicles

Technological and Scientific Council of Turkey BİLGEM Software Technologies Research Institute

Organisation Name

Country	Turkey
City	ANKARA
Street	Çukurambar Mah. 1478. Cadde No:22
Website	
Phone	
Organisation Type	R&D Institution

Person

Name	Nuriye Ünlü
Email	nuriye.unlu@tubitak.gov.tr
Job Position	Unit Head

Organisation Details

<http://yte.bilgem.tubitak.gov.tr/>

Areas of Activity

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

TÜBİTAK BİLGEM KAMU SM

Organisation Name

Country	Turkey
City	Kocaeli
Street	Gebze
Website	
Phone	
Organisation Type	Authority/Government

Person

Name	vural çelik
Email	vural.celik@kamusm.gov.tr
Job Position	Kamu SM Director

Organisation Details

TÜBİTAK BİLGEM KAMU SM

Cooperation Profiles

Partner: TÜBİTAK BİLGEM KAMU SM

TÜBİTAK BİLGEM KAMU SM

Egede Yazılım Danışmanlık Planlama Mimarlık Ltd. Şti.

Organisation Name

Country	Turkey
City	Ankara
Street	Bilkent Cyberpark Cyberplaza A Blok No:
Website	
Phone	
Organisation Type	SME

Person

Name	Kutluk Alp İkiz
Email	kutlukalp@gmail.com
Job Position	General Manager



Organisation Details

Egede Software, established in 2011, is an IT and R&D consultancy and software development company settled in Bilkent Cyberpark/Technology Development Area. Our expertise is project analysis, design and development, web and mobile software/application development, Open Source Software (OSS) localization and development, especially Libre Office applications. We are currently providing consultancy and SW development services to several IT firms in line with our areas of expertise.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: Partner

Egede is willing to allocate its competence and expertise in SW development, IT consultancy, project analysis, design and development, and Open Source Software in relevant fields of collaboration/consortiums.

Geovision Group

Organisation Name

Country	Turkey
City	İSTANBUL
Street	KALIPÇI SOKAK
Website	http://geovisiongroup.com/en/
Phone	+902123279205
Organisation Type	R&D Institution



Person

Name	Tevfik Haluk İNCİ
Email	haluk.inci@gvg.com.tr
Job Position	General manager



Organisation Details

GEOVISION GROUP

Geovision Group, founded in 2005, is a global technology and consulting company that provides sales, distribution and marketing solutions for the leading brands in the industry by using its own geographic information systems and software infrastructure. Geovision Group has the most extensive and up to date point of sales database in Turkey.

OPENING OFFICES GLOBALLY

By opening offices in Russia and Kazakhstan, Geovision Group's customer database reached the global level and will continue to do so by becoming a more established infrastructure within the new upcoming areas. With its knowledge and experience, Geovision Group offers innovative solutions for sales and field management, commercial marketing, segmentation, research, auditing and results-driven consulting services to its strategic partners.

THE MOST IMPORTANT FEATURE

The most important feature of Geovision Group, that managed to become a strategic partner of all the major players in FMCG industry, is to provide a combination of all the services in need of brands under one roof and to convert all sales related data to the right business models.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)
- ICT-23-2017 (IA) Interfaces for accessibility (4 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

[Partner: Potential partner / Cooperation on any IOT and Big Data project that we can contribute.](#)

We offer expertise in J2EE, mobile technologies and applications, geographical information systems, route planning, advanced reporting systems, IoT and Big Data, customer satisfaction analysis, and dynamic point of sale database

management. Geovision Group, as an R&D company and SME, is a global technology and consulting company that provides sales, distribution and marketing solutions for the leading brands in the industry by using its own geographic information systems and software infrastructure. Geovision Group has the most extensive and up to date point of sales database in Turkey.

Netsum Bilgisayar San.Tic ŞTi

Organisation Name

Country	Turkey
City	Kocaeli
Street	Fevziöakmak Mahallesi Dr. Zeki ACAR cad. No:5/4
Website	www.netsum.com.tr
Phone	
Organisation Type	Company

Person

Name	Fikri ŞATIR
Email	info@aktiftek.com
Job Position	MANAGER

Organisation Details

Netsum has been in IT sector since '96 and has been involved in datacenters, network security , scada projects . R&D , IT consulting , datacenter transformation, cloud projects, bid context preparation are our main services.

Areas of Activity

Big Data and Content

- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-23-2017 (RIA) Interfaces for accessibility (10 mill €)

Robotics and Autonomous Systems

- ICT-27-2017 (PCP) System abilities, SME & benchmarking actions, safety certification (7 mill €)

Cooperation Profiles

Partner: Managing Director

Partner: Managing Director

IT infrastructure and consulting company

Kuveyt Türk

Organisation Name

Country	Turkey
City	Kocaeli
Street	Cumhuriyet Mah. Özgürlük cd. 11/A Çayırova
Website	
Phone	
Organisation Type	Company

Person

Name	Şerafettin Şentürk
Email	serafettin.senturk@kuveytturk.com.tr
Job Position	R&D Project Manager

Organisation Details

A huge participatin bank with R&D Center that seeks for challenging and innovative R&D Projects

Areas of Activity

Big Data and Content

- ICT-16-2017 (RIA) Big data PPP (33 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

Partner: [Kuveyt Türk R&D Center](#)

Has creative and challenging R&D engineers

Netaş

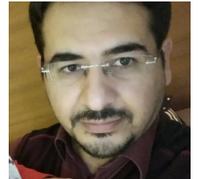
Organisation Name

Country	Turkey
City	Istanbul
Street	Kurtkoy
Website	www.netas.com.tr
Phone	
Organisation Type	Company



Person

Name	Mehmet Y. Şimşek
Email	ysimsek@netas.com.tr
Job Position	Innovation and R&D Prime



Organisation Details

Netaş is a sector leader of Turkey with strong R&D capabilities on Telecommunication and ICT products and solutions for more than 1500 domestic and international customers from America, Europe, Africa and Asia with 20% YOY CAGR. Netaş awarded company on 'Best Telecommunication R&D' and 'Best R&D employment' of Turkey by Ministry of Science, Industry and Technology.

Netaş achieving high quality R&D results, with its VoIP multimedia labs, which are among the top ten in the world, and a track-record of 43 years in telecommunications R&D and investments on 4G, 5G, IOT, Cyber Security, Core Switching, Evolved Packet Core Technologies. The company provides innovative end-to-end value-added systems integration and technology services in the fields of information and communications technologies. Its customers range from telco providers to public and private enterprises in domestic and international markets. Netaş charters its vision to become Turkey's and Region's #1 systems integrator working as per global standards.

Furthermore, with 800+ R&D engineers and 2200+ employees, Netaş provides a wide array of services to enterprises functioning in various vertical segments, particularly telco providers and those in finance, general industry and defense sectors. Netaş also nurtures strategic partnerships with global technology giants to provide its customers an insight to help them keep pace with and adopt more efficiently the latest developments in the field of ICT, and continues to develop software solutions for more than 200 global operators.

Areas of Activity

Big Data and Content

- ICT-14-2016-2017 (IA) Big Data PPP (27 mill €)
- ICT-15-2016-2017 (IA) Big Data PPP (25 mill €)
- ICT-16-2017 (RIA) Big data PPP (33 mill €)
- ICT-17-2016-2017 (RIA) Big data PPP (2 mill €)
- ICT-20-2017 (RIA) Tools for smart digital content in the creative industries (17 mill €)

Internet of Things

- IoT-03-2017 (RIA) R&I on IoT integration and platforms (37 mill €)

Cooperation Profiles

[Coordinator: Cost Effective 5G Traffic Analysis Solution](#)

Abstract: • Our motivation is to make a 5G Packet Analyzer with highly scalable, low purchasing and operating cost. And provide that as a green solution to ISPs. • Analysis of data including the application layer. • Generate statistical data and reports to help ISPs develop new Value Added Services (VAS) and or generate/activate current services quicker. • Income of ISPs will be increased via new VAS. • Better and efficient usage of network infrastructure. • Increase end users' total Quality of Experience (QoE) in terms of speed, quality, and new services. **Content:** • 5G traffic analyzer solution, including cost effective flexible HW + SW • 5G MEC protocol, RFC compliancy research and implementation. • Parallel programming to get high computing performance from multi core/thread environments. • High volume data stream processing. • Smart, efficient job/process distribution algorithms. • Deep packet inspection. Layer

2-7. • Research on standardized statistical output data and reports to let MEC server generate VAS automatically. • Estimate project time 30 months. Partners Needed • With 5G research on protocols, RFCs and standardization (Universities, Research Institutes, SMEs) • With SBC and parallel computing experience (SBC manufacturer companies, Universities and Research Institutes) • With VAS infrastructure (ISPs, Telcos, SMEs)