DOTSOFT SA
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Description of the Organization

- **DOTSOFT** is a fast growing Greek/European SME - founded in 2004 - Information and Communication Technologies (ICT) service and software development provider. We operate internationally through our offices in Thessaloniki. We design, develop, support and promote software ICT applications using state-of-the-art, integrated technology. **DOTSOFT's** expertise covers among others: a) e-Government; b) e-Business (B2C, B2B, B2E, etc.); c) e-Collaboration; d) workflow, content, document and knowledge management; e) communications middleware; f) network management; g) Geographical Information Systems (GIS); h) Mobile applications development; and i) Outsourcing services.

- Our aim is to provide reliable, trustworthy, integrated ICT solutions, through technology innovation and successful project management to both public and private organisations combining each time **tailored** services and products.

International Brokerage Event. Brussels 26-27/10/2017

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EU Project experiences

DOTSOFT's main pillars of activity are:

- **Public Procurement:** National and International Government Institutions and European Agencies
- **R&D Projects:** Horizon 2020, FP7, National Research Funds, Bilateral Agreements

Some indicative EU agencies we provide ICT services and EU funded projects that **DOTSOFT** is leading or participates in, either as a leader/partner of a consortium or as a subcontractor are:

EU Agencies

- Eurostat
- Frontex
- Cedefop
- European Space Agency

EU funded projects

- *PERICLES* http://pericles-project.eu
- *EWATUS* http://issewatus.eu
- *COSMIC* (COntribution of Social Media In Crisis management) www.cosmic-project.eu
- *ENORASIS* www.enorasis.eu
- *eEnviper* http://www.eenviper.eu
- *PLCPROG* http://www.plc-prog.eu
- *RESCUECELL* http://www.rescuecell.eu
- *SKINDETECTOR* www.skindetector.eu
- *VORTEXSCAN* http://www.vortexscan.eu

Description of the your research interest

Research & Development: Current research interests of **DOTSOFT** are on the following thematic areas:

- e-Government for governments at all levels, using open standards and facilitating access to information for all;
- advanced ICT solutions and policy developments for collaborative working environments, applicable to e-Business, e-Government, e-Agriculture and e-Learning;
- Web 2.0 and Social Software (mashup, blogging, syndication, podcasting, advanced user interfaces);
- cognitive systems and human-computer interaction;
- digital libraries and technology-enhanced learning, Intelligent content, and Semantics (semantic Web services, semantically enhanced information retrieval, content annotation, ontology creation, advanced data and text mining and intelligent knowledge extraction); and
- information security design and implementation applicable to identity management, authentication and authorisation, as well as rights management and privacy enhancing technologies.

- Objectives:
  - To develop an open-source, Web- and mobile-based, participatory platform for peace education and reconciliation, as described above
  - To identify and support the socio-technical requirements of local communities, and thus ensure that the platform meets their needs and addresses societal challenges in ways that are relevant to them
  - To understand how user communities interact with and respond to the platform in different social and regional contexts, and to evaluate the effectiveness and impact of the platform for peace education and reconciliation.
  - To build sustainable partnerships and capacity in digital content technologies, and to facilitate future user-led innovation, in sub-Saharan Africa.
  - To establish an environment for the successful and sustainable exploitation of the project results in other contexts after project completion.
- Expected results
  - Development of relevant technology responding to specific needs and conditions of the target country.
  - Sustainable uptake of results within the targeted countries, beyond the project completion date.
  - Reinforced international dimension of the ICT and Innovation aspects of Horizon 2020 and a higher level of international cooperation with low and middle income countries in ICT R&D and Innovation, focusing on areas that are beneficial to the target countries/region. Reinforcement of strategic partnerships with selected countries and regions in areas of mutual interest and added value in jointly addressing important issues

Horizon 2020-SME Instrument-Phase II

Harvesting scattered volunteering capacity of citizens towards concrete and achievable tasks that relate to the maintenance of their neighborhood (IMCityQuest)

- Objectives:
  - Implement IMCityQuest by merging ImproveMyCity (issue reporting application) & Questment (gamification engine) at technical and functional level
  - Pilot-test IMCityQuest using real users as beta testers from the existing installation
  - Re-factor the code in a modular fashion and facilitate the employment of a freemium business model
  - Roll-out a marketing campaign using internet, social media, exhibitions and open source channels as the means to reach not only the municipalities but also the local intermediaries
  - Scale-up through market replication by offering services either directly to municipalities, or in collaboration with local intermediaries
- Expected results
  - to merge the existing applications of ImproveMyCity and Questment towards implementing an application for issue reporting and resolving. The paradigm shift achieved by IMCityQuest will be the point where the current citizen-government communication will graduate to a volunteering-driven collaboration

- Objectives:
  - to develop FIWARE-based services and an automation infrastructure that support a behavioral change on residential energy consumers towards more efficient habits and a drastic reduction on consumption and emissions, and to monitor sociological metrics that guarantee that comfort levels are not being compromised
  - to design asocial machine, where humans and computers collaborate, that exploits energy-related data (smart meters, smart home devices, open data etc.) as well as social-related data (socio-demographic factors, human interactions in social networks, social acceptance etc.)

- Expected results
  - to demonstrate the cost-effectiveness of the proposed solution that the energy savings from the proposed solution provide a good return on investment

H2020-SMEInst-2016-2017 /SMEInst-11-2016-2017

Real-time Effectiveness Monitoring of PHOtocatalytic coatings and paints in absorbing atmospheric pollution with Mox Sensors (REMPHOMOS)

- Objectives:
  - Assessment of the feasibility of a pre-industrial prototype of portable device, first in the world, able to quantify the efficiency of abatement of pollution directly on the roads and bicycle paths. It will include, Wi-Fi transmitting in real time to inform administrators and road users about the PCO efficiency and air quality.
  - Economic feasibility and reliability of the innovation through market analysis, risk assessment, identification of potential users for large scale deployment and in defining intellectual property with the development of patents.
  - Assessment of the market acceptance for an innovative spray process of photocatalytic coatings applied on urban roads, streets and bicycle lanes.
- Expected results
  - The penetration in Europe of PURETi products that will allow a sensible abatement of environmental pollution in several European cities, and at the same time a sensible save of costs of road cleanliness and maintenance through periodical local monitoring.
  - The reduction of maintenance costs approximately of 50%.
  - The innovative portable monitoring system to test the oxidation effectiveness of the thin films and coatings.
  - The noteworthy growth in this European/global technology which will be easily exploited in regions inside several member states as well as in many developing countries.

- Objectives:
  - Improved and efficient wastewater treatment systems, combined with recovery and reuse of energy, substances and treated water;
  - Improved novel drinking water purification technologies for safe drinking water with easy access at affordable cost both in rural and urban regions;
  - Improved smart and comprehensive solutions for both quality and quantity monitoring and management of water resources;
  - The creation of a level playing field for EU and Indian industries and SMEs working in the area, paving the way for a potential joint venture for manufacturing of water treatment technologies and systems.

- Expected results
  - The development of a new cost-effective, efficient, interoperable and based on open standard Water Smart Metering;
  - Identify performance issues, improve customer service and optimise the supply and consumption, both by the water consumer (adapting consumption according to real time data) and by the water supplier (adapting water supply and the network to real time demand);
  - Integration into the smart city platform and towards consumers (mobile app);
  - Enable the water utility to manage the water supply system in real time;
  - Enable the water utility to improve efficiency (reduce water losses and energy consumption);
  - Establish the smart city platform which is integrated with smart utility system;
  - Setting the "Performance Based Contract business model" for water supply utilities in India.

Consortium - profile of known partners

No	Partner Name	Type	Country	Role in the Project
01	King's College London	RTD	UK	Coordinator - Digital humanities, digital asset management, digital Archives
02	Makerere University of Uganda	RTD	UG	Participant - Information Science
03	Aegis Trust Rwanda	NGO	RW	Participant - Genocide prevention, Peace education and Peacebuilding
04	Ushahidi Foundation	SME	KE	Participant - Software development, user engagement
05	Kigali Collaborative Research Centre	RTD	RW	Participant - Data science
06	Universiteit Leiden (ULEI)	RTD	NL	Participant - Innovation Processes, Impact
07	Sacmi Cooperativa Meccanici Imola Societa Cooperativa	IND	IT	Coordinator - Prototyping and testing
08	Linkopings Universitet	RTD	SE	Participant – Medicine and engineering

Consortium - profile of known partners

No	Partner Name	Type	Country	Role in the Project
09	Knowledge Innovation Market S.L.	SME	ES	Participant - Research valorisation and exploitation
10	Consiglio Nazionale Delle Ricerche	RTD	IT	Participant - Earth-Moving Machines (IMAMOTER)
11	Alma Mater Studiorum - Universita Di Bologna	RTD	IT	Participant - Clinical studies
12	Aristotle University of Thessaloniki	RTD	GR	Participant - Atmospheric Physics, Particulate Matter and its Health Impacts Assessments
13	Energy Systems Technology Environment SRL	SME	IT	Participant - embedded system design
14	University of Ioannina	RTD	GR	Participant – Pathology, health impact assessments
15	Universita Della Svizzera Italiana	RTD	CH	Participant - Software-intensive systems, distributed systems, and networks
16	Inlecom Innovation	NPO	GR	Participant - Research in collaboration strategies, platforms and Ecosystems

Consortium - profile of known partners

No	Partner Name	Type	Country	Role in the Project
17	IIDRE SAS	SME	FR	Participant - Hardware, middleware and software related to embedded system and Internet of things
18	Centro di Ricerca e Innovazione tecnologica SRL	IND	IT	Participant - Innovation and technology transfer industrial research
19	INFALIA Private Company	SME	GR	Coordinator – Partner
20	University of Salamanca	RTD	ES	Coordinator – Partner
21	Municipal Salamanca Housing Board	GOV	ES	Participant – Pilot user
22	1TECH	SME	BE	Participant – Consulting, integration
23	Santorso municipality	GOV	IT	Participant – Pilot user
24	Sogesca	ENT	IT	Participant - Environmental, work safety and energy efficiency

Consortium - profile of known partners

No	Partner Name	Type	Country	Role in the Project
25	Akdeniz Elektrik Dagitim	GOV	TU	Participant – Pilot user
26	NANOAIR SOLUTIONS S.L.	SME	ES	Coordinator - Design and development of spray machines
27	Rome Field & Research International	SME	IT	Participant - Dissemination, Communication, Marketing strategy and exploitation
28	SmartIS	SME	SI	Participant – System integrator
29	Petrol d.d., Ljubljana	IND	SI	Participant - Utility infrastructure management and ESCO

Consortium - required partners

No	Expertise	Type	Country	Role in the Project
01	Climate, environment, resource efficiency and raw materials	RTD	EU	Coordinator
02	Water Utility (x2)	PS	EU/IN	Participant – Pilot user
03	• Common European standards; • Open technological platforms, which do not favors the dependency of water operators on technology providers; • Interoperability among systems, non-propietary technology and two-way communication; • Battery lifetime and radio signal coverage issues; • Cyber security.	RTD, SME	EU	Participant - studies and laboratory studies to validate the analytical predictions of separate elements of the technology

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