

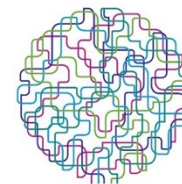


E-Trikala S.A
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This presentation is for

- Workshop 1**
- Workshop 3**
- Workshop 2**
- Workshop 4** internet of Things

Description of the Organization



ICTURKEY
ISTANBUL 2016

- 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 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
- Research and Development to produce innovative services in cooperation with universities and institutions of the market.
- Education-training of the personnel of the organizations,
- **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/>)

e-trikala

Description of the your research interest

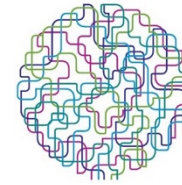


- By creating infrastructure and by providing services, e-Trikala continuously aims to the development of Information and Communication Technology (ICT) based applications, oriented to the improvement of all citizens' everyday life, in a medium sized city, simplifying public transactions, reducing telecommunication costs and delivering new services related to the local way of life.
- The e-health services of the Municipality of Trikala, in particular, provide ICT supported services to chronic patients and the elderly at home. Telehealth services are provided to individual citizens with major chronic diseases: Diabetes, Chronic Heart Failure, Chronic Asthma or COPD and Hypertension. Individual citizens are equipped with light-weight handheld devices and record their vital signs at home which are then transferred (via the teleHealth center) to the municipality hospital and private physicians over internet or GPRS for review and feedback by the doctors. In addition telecare services are provided for patients required ICT assistance for independence living, eg elderly with dementia, mobility problems etc. The health services are provided in cooperation with the Regional University Hospital of Larisa
- e-Trikala SA has an extensive experience in e-health projects and a leading competence center in of the e-health sector in Greece.
- **We are always interested in becoming partners to relevant proposals and offer a sufficient test bed in testing and evaluating new, integrated health and social services.**

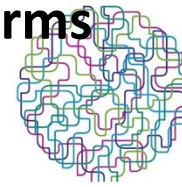
ACTIVAGE- (*ACTivating InnoVative IoT smart living environments for AGEing well*)



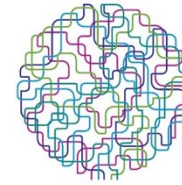
- In relation to e-health, we are currently participating in the following Project:
- ACTIVAGE is a European Multi Centric Large Scale Pilot on Smart Living Environments. The main objective is to build the first European IoT ecosystem across 9 Deployment Sites (DS) in seven European countries, reusing 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.



- E-Trikala recently completed successfully a project related to automated mobility and has been the first region to have used and tested fully automated mini buses under realistic conditions.
- CityMobil-2 was an innovative and educational project of the European Union, aiming to investigate the "vehicle without a driver" capabilities in an urban environment with real traffic conditions.
- The city of Trikala is one of five European cities "accommodated" the pivotal movement of automated vehicles (buses) without a driver, but it is the first city to have the tests done in real conditions in the city center for a period of six months. In other European cities, the movement of automated vehicles was in "closed" controlled environment (exhibition centers, ports, piers, etc.) and for a much shorter period of time (three months). The Grand Experiment began on September 1, 2015 and run until February 29, 2016 (<http://www.citymobil2.eu/en/Cityactivities/Large-Scale-Demonstration/Trikala/>).
- From the first day of the test circulation of the automated vehicle, the impact of the pioneer project was very large, which was accompanied by numerous posts in Greek and world media.



- Objectives:
 - To become partners in new Calls in IoT-03-2017 (RIA)
 - To become leader in new calls in IoT-03-2017 (RIA)
- Expected results
 - Integrated and scale up existing e-health services
 - Design, test and evaluate new services in e-health, e-care, mobility etc



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