



European
Large-Scale Pilots
Programme

Workshops Series

CREATE the Next Generation IoT eXperience for the Future

**IoT large-scale pilots use cases and sustainability
IoT Ecosystems - SMEs and local innovation hubs
involvement**

27 February 2019, Costa Azul, TRYP Hotel Caparica,
Avenida General Humberto Delgado, 47 2829-506 Costa da Caparica - Lisboa, Portugal



IoT European Large-Scale Pilots Programme

The digital revolution brings opportunities for big and small companies, but many of them still find it difficult to know in which technologies to invest and how to secure financing for their digital transformation.

The IoT technologies and applications can ensure that different stakeholders, small or large, high-tech or not, can grasp the digital opportunities. With many stakeholders involved the IoT large-scale pilots provide the playground where companies - especially SMEs, start-ups and mid-caps - can get access to technology-testing, financing advice, market intelligence and networking opportunities.

Workshops Program 27 February 2019

09:00 – 09:30	Registration (TRYP Hotel Caparica – Conference Hall)
Meeting Room: Costa Azul, TRYP Hotel Caparica, Avenida General Humberto Delgado, 47 2829-506 Costa da Caparica - Lisboa, Portugal	
IoT Large-Scale Pilots Sustainability Session	
09:30 – 09:35	<i>Welcome and Introduction to the Sustainability Session</i> Marcos Álvarez, Gradiant, Spain Bertrand Copigneaux, IDATE LAB, France
09:35 – 09:50	<i>Sustainability of IoT Large-Scale Pilots: Expectations from the European Commission</i> Peter Wintlev-Jensen, European Commission DG CONNECT, Belgium
09:50 – 10:10	<i>IoT applications and deployment - Models for sustainability: the AUTOPILOT perspective</i> Francisco Sánchez, CTAG, Spain
10:10 – 10:30	<i>The importance of sustainability in the IoT Large-Scale Pilots Programme: the ACTIVAGE perspective</i> Sebastian Pantoja, Televés, Spain



10:30 – 11:40	<p><i>IoT Large-Scale Pilots views on sustainability</i> Short presentations from IoT Large-Scale Pilots projects and external actors, followed by debate among participants.</p> <p>Participation: Sebastian Pantoja, Televés, Spain (ACTIVAGE) Francisco Sánchez, CTAG, Spain (AUTOPILOT) Stefano Fava, Link Foundation, Italy (MONICA) Ricardo Vitorino, Ubiwhere, Portugal (SYNCHRONICITY) Pedro Diogo, SmartLampPost, Portugal</p> <p>Moderators: Jan Waeben, IMEC, Belgium (U4IoT) Ruben D'Hauwers, IMEC, Belgium (U4IoT)</p>
11:40 – 12:00	Coffee/Tea Break
12:00 – 12:10	<p><i>IoT European Large-Scale Pilots Programme Projects use cases -IoT Online Catalogue</i> Bruno Almeida, UNPARALLEL, Portugal (CREATE-IoT)</p>
12:10 – 12:20	<p>The outsider's view: <i>"Put your money where your mouth is! Public sector procurement for more sustainable and responsible IoT"</i> Peter Bihr, The Waving Cat, Germany</p>
12:20 – 13:00	<p><i>IoT pilots sustainability and the role of local and regional authorities</i> Roundtable with the participation of the representatives from all projects and representatives of public administrations.</p> <p>Participation: Peter Wintlev-Jensen, European Commission DG Connect (Belgium) Sebastian Pantoja, Televés, Spain (ACTIVAGE) Francisco Sánchez, CTAG, Spain (AUTOPILOT) Stefano Fava, Link Foundation, Italy (MONICA) Ricardo Vitorino, Ubiwhere, Portugal (SYNCHRONICITY) Ricardo Vitorino, SmartLampPost, Portugal David Lozano, Regional Ministry of Agriculture and Rural Affairs, Andalusia, Spain</p> <p>Moderators: Bertrand Copigneaux, IDATE, France (CREATE-IoT) Marcos Álvarez, Gradiant, Spain (CREATE-IoT)</p>
13:00 – 14:00	Lunch Break and Networking
<p>Meeting Room: Costa Azul, TRYP Hotel Caparica, Avenida General Humberto Delgado, 47 2829-506 Costa da Caparica - Lisboa, Portugal</p>	
European IoT Ecosystems - SMEs and Local Innovation Hubs Involvement Session	
14:00 – 14:05	<p><i>Introduction to the European IoT Ecosystems</i> Brendan Rowan, BluSpecs, Spain</p>
14:05 – 14:35	<p><i>The Internet of SMEs – a small company viewpoint on IoT</i> – Presentation of solutions and sharing of the challenges facing SMEs Dolores Ordoñez, Any Solution, Spain Dejan Drajić, Dunavnet, Serbia Ricardo Vitorino, Ubiwhere, Portugal</p> <p>Moderator: Brendan Rowan, BluSpecs, Spain</p>
14:35 – 15:10	<p><i>SMEs in the Large-Scale Pilots</i> – Opportunities and experiences of external SME engagement Martín Serrano, INSIGHT, Ireland Paulo Calçada, Porto Digital, Portugal Peter Wintlev-Jensen, European Commission, Belgium</p> <p>Moderator: Kai Zhang, Martel Innovate, Switzerland</p>
15:10 – 15:30	<p><i>IoT Next Club</i> – Joining the European network of SMEs Audrey Bagarus/Brendan Rowan, BluSpecs, Spain</p>



15:30 – 16:00	Coffee/Tea Break
16.00 – 16:30	<i>IoT Next Club</i> – Shaping the future of the club Audrey Bagarus/Brendan Rowan, BluSpecs, Spain
16:30 – 17:00	<i>Tools for SMEs – The IoT Online Catalogue and tools provided by U4IoT</i> Bruno Almeida, Unparallel, Portugal Kai Zhang, Martel Innovate, Switzerland Karl Andersson, Lulea University of Technology
17:00 – 18:00	<i>Panel on collaboration of SMEs/start-ups and corporates, developing balanced relationships</i> Panel: Leo Scott-Smith, Tended, United Kingdom José Damião, Madan Parque, Portugal Pedro Ribeiro, Bosch, Portugal Marlos Silva, SONAE, Portugal
18:00 – 19:30	Networking session and cocktails

IoT European Large-Scale Pilots Programme Projects



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ACTIVAGE - ACTIVATING INNOVATIVE IoT SMART LIVING ENVIRONMENTS FOR AGEING WELL - is building the first European interoperable and open IoT ecosystem enabling the deployment, at large scale, of a wide range of Active and Healthy Ageing IoT based solutions and services. To achieve this, ACTIVAGE is integrating thousands of devices to collect and analyse older adults' environmental and lifestyle information, identify their needs, and provide customized solutions, ensuring users' data privacy and security.



AUTOPILOT

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AUTOPILOT - AUTOMATED DRIVING PROGRESSED BY INTERNET OF THINGS – is developing an IoT connected vehicle platform and IoT architecture based on the existing and forthcoming standards, as well as open source and vendor solutions. The IoT ecosystem accommodates vehicles, road infrastructure and connected IoT objects, with particular attention to safety critical aspects of automated driving. The project develops a range of services combining autonomous driving and IoT, such as car sharing, autonomous valet parking, and better digital maps for autonomous vehicles.



CREATE-IoT

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CREATE-IoT - CROSS FERTILISATION THROUGH ALIGNMENT, SYNCHRONISATION AND EXCHANGES FOR IoT - CREATE-IoT's stimulate collaboration between IoT initiatives, foster the take up of IoT in Europe and support the development and growth of IoT ecosystems based on open technologies and platforms. The work focuses on synchronisation and alignment on strategic and operational terms through frequent, multi-directional exchanges between the various activities under the IoT Focus Areas and the road-mapping with international initiatives.



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IoF2020 - INTERNET OF FOOD AND FARM 2020 - is dedicated to accelerating the uptake of IoT technologies in the European farming and food chains and ultimately strengthening their competitiveness and sustainability. How? By demonstrating, together with end-users, the use of IoT in different use-cases spread throughout Europe, and focusing on 5 areas: dairy, meat, arable crops, fruits and vegetables. IoF2020 is designed to generate maximum impact right from the outset and in the long-run, bringing closer together and integrating the supply and demand sides of IoT technologies in the agri-food sector.



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MONICA

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[MONICA](#) - MANAGEMENT OF NETWORKED IoT WEARABLES – VERY LARGE-SCALE DEMONSTRATION OF CULTURAL AND SOCIETAL APPLICATIONS - is a large-scale demonstration of how cities can use existing and new IoT solutions to meet sound, noise and security challenges at big open-air cultural and sports events, which attract and affect many people. Innovations include the establishment of sound zones at outdoor concerts for noise mitigation as well as security measures improving crowd information and management.

SYNCHRONICITY

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[SynchroniCity](#) - DELIVERING AN IoT-ENABLED DIGITAL SINGLE MARKET FOR EUROPE AND BEYOND - brings together partners with worldwide outreach. The project represents the first attempt to deliver a digital single market for IoT-enabled urban services in Europe and beyond. With an already emerging foundation, based on OASC Minimal Interoperability Mechanism (MIMs), SynchroniCity will establish a reference architecture model for the envisioned IoT-enabled city market place with identified interoperability points and interfaces and data models for different verticals.

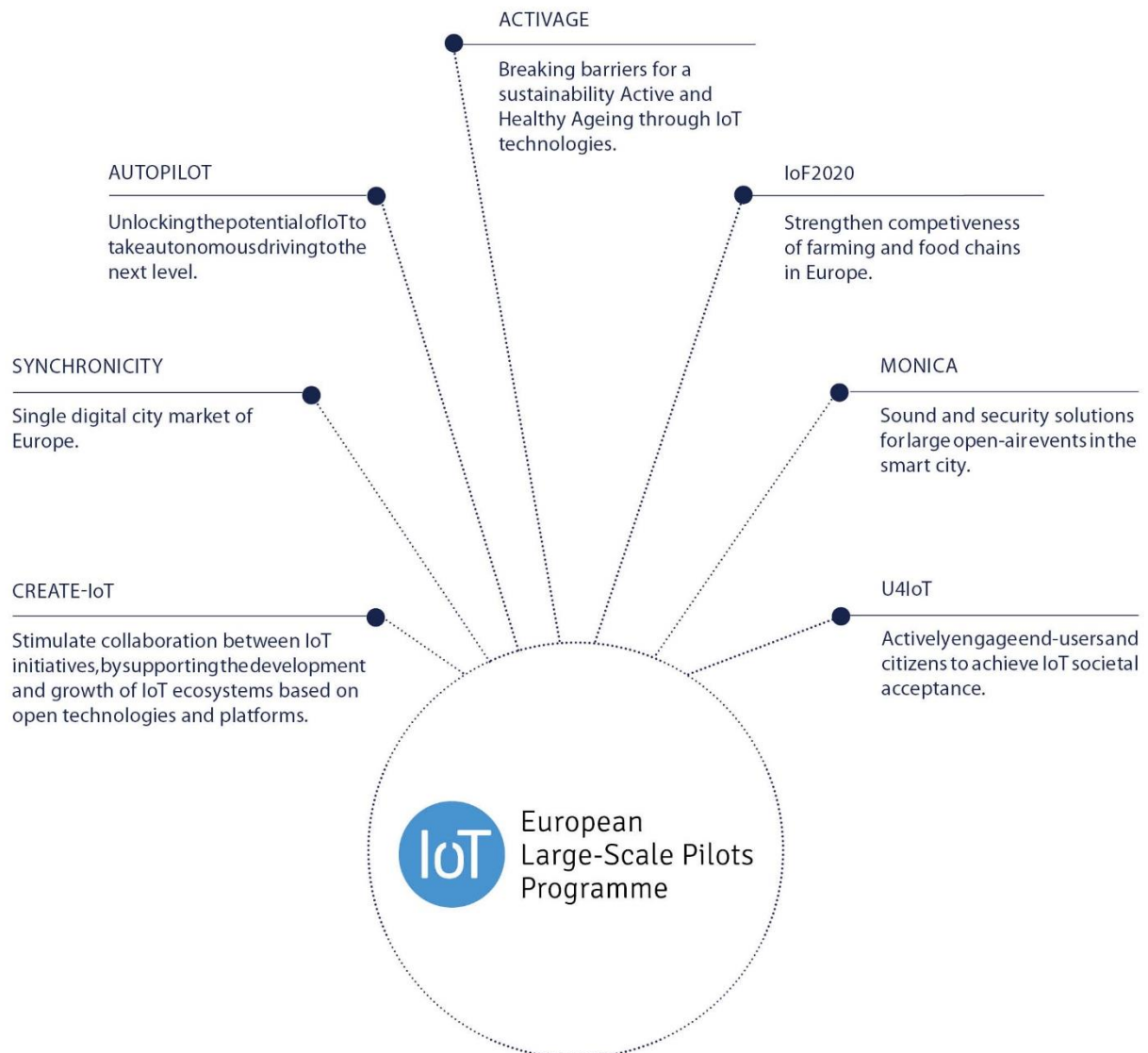


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[U4IoT](#) - USER ENGAGEMENT FOR LARGE SCALE PILOTS IN THE INTERNET OF THINGS - combines complementary Responsible Research and Innovation – Social Sciences and Humanities (RRI-SSH) expertise encompassing social and economic sciences, communication, crowdsourcing, living labs, co-creative workshops, meetups, and personal data protection to actively engage end-users and citizens in the large-scale pilots. U4IoT encompasses the whole lifecycle of end-user engagement in LSPs. Privacy-friendly crowdsourcing and survey tools enable to monitor the end-user perception and acceptance of IoT applications.



We are looking forward to seeing you in Lisbon!



To promote and foster the take-up of IoT in Europe and to enable the emergence of an economically sustainable IoT ecosystem, the IoT European Large-Scale Pilots Programme projects are seeking to involve the IoT community across the value chain, from supply side to demand side.

Welcome to the IoT European Large-Scale Pilots Programme

A vibrant research, innovation, development and deployment IoT ecosystem across Europe!