



CREATE the Next Generation IoT eXperience for the Future

IoT and pan-European initiatives for digitising industry

28 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

Developing and enlarging the European IoT ecosystems requires strong links between communities of IoT users and providers, Member States' initiatives, government representatives and policy makers to discuss, align and plan research, innovation, development and deployment of IoT technologies and applications across various industrial sectors as part of the digitising European industry initiative.

Workshops Program 28 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 and Pan-European Digital Transformation Session	
09:30 – 09:40	<i>Welcome</i> VIP TBC, Portuguese Public Administration
09:40 – 10:15	<i>IoT Large-Scale Pilots Programme as part of digitising European industry strategy</i> Ovidiu Vermesan, SINTEF, Norway (CREATE-IoT) Karl Andersson, Lulea Tekniska Universitet, Sweden (U4IoT) Sebastian Pantoja, Televés, Spain (ACTIVAGE) Francisco Sánchez, CTAG, Spain (AUTOPILOT) Bruno Almeida, Unparallel, Portugal (IoF2020) Stefano Fava, Link Foundation, Italy (MONICA) Paulo Calçada, Porto Digital, Portugal (SYNCHRONICITY)
10:15 – 10:30	<i>IoT Market Trends - Presentation of the e-Book on IoT Market Trends</i> Giorgio Micheletti, IDC, Italy
10:30 – 11:00	Coffee/Tea Break
11:00 – 12:00	<i>Digital transformation challenges beyond large-scale pilots</i> Short presentations



	<p>João Mil-Homens, Science and Technology Foundation, Portugal Patricia Argerey (TBC), Galician Innovation Agency, Spain David Lozano, Andalusian Ministry of Agriculture and Rural Development, Spain</p>
12:00 – 12:10	<p><i>The role of public authorities, local, regional and MSs initiatives in digital transformation and IoT future developments</i> Ice-breaker: <i>"Build Ecosystems, Not Labs!"</i> Peter Bihr, The Waving Cat, Germany</p>
12:10 – 13:00	<p><i>The role of public authorities, local, regional and MSs initiatives in digital transformation and IoT future developments</i> Panel discussion. Public administrations in charge of developing digital transformation activities and programmes have a wide choice of tools. From small to large scale projects, from infrastructure development to ecosystem building, from grants or innovation vouchers to tenders. The goal of this panel discussion is to reflect on the different approaches and analyse their effectiveness along the upcoming years in which our economy will be accelerating on digital transformation.</p> <p>(TBC) Representative of ANI (Portuguese Innovation Agency), Portugal Jorge Portugal, COTEC, Portugal Daniel Fernández Lestón, Ministry of Science, Innovation and Universities, Spain María Teresa Ambros Mendioroz, Ministry of Agriculture, Fisheries and Food, Spain Paulo Calcada, Porto Digital / Municipality of Porto, Portugal Ricardo Tiago, Institute for Mobility and Transport, Portugal Ricardo Vitorino, Ubiwhere, Portugal</p> <p>Moderator: Marcos Álvarez, Gradiant, Spain</p>
13:00 – 14:15	<p>Lunch Break and Networking</p>
<p>Meeting Room: Costa Azul, TRYP Hotel Caparica, Avenida General Humberto Delgado, 47 2829-506 Costa da Caparica - Lisboa, Portugal</p>	
<p>IoT and Pan-European Digital Transformation Session</p>	
14:15 – 15:30	<p><i>Synergies among different initiatives and future developments –</i> Initiatives at Member State, regional or local level can be designed to leverage results from others, or to target investment towards areas where other initiatives cannot reach. This debate will gather representatives from public administrations at all levels so as to generate a reflection on how to articulate the future landscape of programmes and initiatives during the 2021-2027 period.</p> <p>João Gonçalves, COTEC, Portugal (TBC) Representative of FCT (Science and Technology Foundation), Portugal (TBC) Representative of the Portuguese Ministry of Economy, Portugal (TBC) Representative of CMA (Almada Municipality), Portugal David Lozano, Regional Ministry for Agriculture and Rural Affairs, Andalusia, Spain Maria João Sousa, Proef, Portugal Vitor Sousa, ZenithWings, Portugal</p> <p>Moderator: Daniel Fernández Lestón, Ministry of Science, Innovation and Universities, Spain</p>
15:30 – 16:00	<p><i>Wrap-up and what next. Horizon Europe perspective –</i> IoT as part of the Next Generation Internet, Connectivity and Intelligence at the Edge. Participation: Local organizers, EC, Public Authorities Closing remarks: Ovidiu Vermesan, SINTEF, Norway, Karl Andersson, Lulea Tekniska Universitet, Sweden</p>

IoT European Large-Scale Pilots Programme Projects



[LEARN MORE...](#)

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

[LEARN MORE...](#)

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

[LEARN MORE...](#)

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.



[LEARN MORE...](#)

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.



European
Large-Scale Pilots
Programme

Workshops Series



LEARN MORE...

[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

LEARN MORE...

[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.

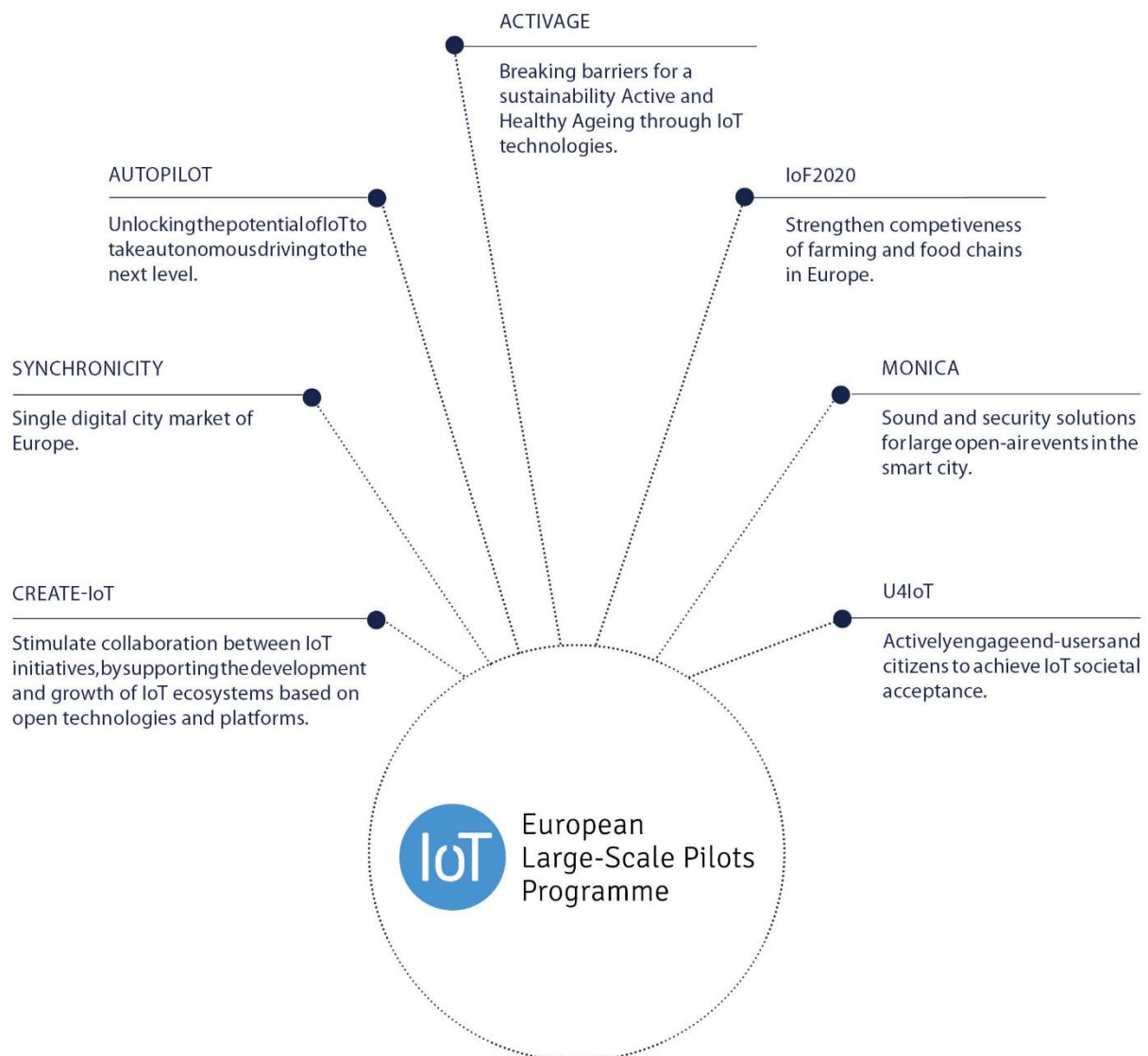


LEARN MORE...

[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!