



# CREATE the Next Generation IoT eXperience for the Future

## IoT & the Rule of Law

19 July 2019, Brussels

Thon Hotel Brussels City Centre

Avenue du Boulevard 17  
1210 Brussels



### IoT European Large-Scale Pilots Programme

IoT environment is built upon the continuous interactions between humans and machines. Humans in multiple capacities interact continuously with devices of multiple purposes. Within this complex web of interactions, the current and future policy instrument are expected to give answers to key questions for consumers, market players and society at large such as: "Who is responsible if something goes wrong with a use of an IoT device? ", "How to strengthen consumers' privacy in the age of hyper-connectivity? ", "How to guarantee security of an IoT device?". Taking into account recent developments, including, the Cybersecurity Act and the GDPR, the event will focus on the specific application domains covered by the IoT Large Scale Pilots Program and surface the related compliance challenges from diverse viewpoints. With the help of an open dialogue, the event aims at conveying ground knowledge, pointing at the business opportunities for the deployment of IoT in Europe. The target audience includes companies of all sizes and representatives from the public sector.

09:30 – 10:00	<b>Registration</b>
<b>Meeting Room: Oslo</b>	
10:00 – 10:10	<b><i>Welcome and Introduction</i></b>
10:10 – 10:30	<p><b><i>"The Vast Domain of IoT &amp; the Rule of Law"</i></b>, presentation by Arthur's Legal, CREATE-IoT.</p> <p>The presentation will give an overview of the horizontal and vertical challenges in the IoT environment. It will pave the ground for the sessions to follow on the vertical challenges per application domain.</p>



10:30-11:30	<p><b><i>"Personal Wearables (H2x): Health, Living, Public Space, and in other domains"</i></b></p> <p>Moderator: Pasquale Annicchino, Archimede Solutions, CREATE-IoT.</p> <p>Short presentations (10') by MONICA and ACTIVAGE on the respective compliance challenges encountered. The presentations will be followed by an open discussion with the audience.</p>
11:30 – 12:45	<p><b><i>"Moving Sensors (M2x): Farm2Food, Mobility, Cities, and in other domains"</i></b></p> <p>Moderator: (Jacques Kruse Brandao, SGS / TBC)</p> <p>Short presentations (10') by IoF2020 and AUTOPILOT on the respective compliance challenges encountered. The presentations will be followed by an open discussion with the audience.</p>
12:45- 13:45	<p style="text-align: center;"><b>Lunch Break and Networking</b></p>
13:45– 14:45	<p><b><i>"Long Term Fixed IoT Applications (M2x)": Industry 4.0, Cities, Water management, Energy, Construction, Living, and in other domains"</i></b></p> <p>Moderator: Harm Jan Arendshorst, iLabs</p> <p>Short presentation (10') by SYNCHRONICITY on the respective compliance challenges encountered. The presentations will be followed by an open discussion with the audience.</p>
14:45-15:00	<p><b>Coffee Break</b></p>
15:00-15:45	<p><b><i>"Lessons learnt: sharing experiences from the IoT-LSPs Program"</i></b></p> <p>Moderator: TBD</p> <p>Panel: Representatives from the five (5) LSPs and the two (2) CSAs.</p> <p>Going beyond the compliance challenges discussed earlier, this session will allow for an open discussion on the experiences so far gained within the IoT-LSPs Program and, possibly, the arising business opportunities</p>
15:45-16:30	<p><b><i>"The longer-term outlook: going beyond the IoT-LSPs Program"</i></b></p> <p>Moderator: TBD</p> <p>Panel: Representatives from the five (5) LSPs and DG CONNECT.</p> <p>The session will allow for an open discussion on future directions and regulatory developments relevant for IoT deployment in Europe, putting particular emphasis on issues such as product liability and the role of ethics.</p>
16:30–16:45	<p><b><i>Closing remarks: (TBD)</i></b></p>



## 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.



European  
Large-Scale Pilots  
Programme

## IoT Workshop Series



**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



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!***