



AIOTI

ALLIANCE FOR INTERNET OF THINGS
INNOVATION

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INNOVATION**

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Chair of WG Smart Mobility**



The Alliance for Internet of Things Innovation (AIOTI): What and why

A new alliance to give Europe the lead in the field of IoT

Overcome that Internet of Things emerges through vertical silos

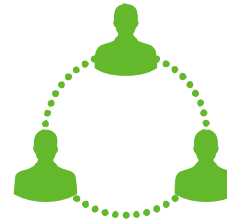
A strategic initiative to help EC prepare future IoT R&I, standardisation and policy

Mission Areas

Market Barriers



- ◆ Identify barriers
- ◆ Gather evidence
- ◆ Contribute to the Digital Single Market



IoT Ecosystem

- ◆ Build across different silos
- ◆ Mapping and bridging of IoT innovation activities
- ◆ Encourage the growth of start-ups in IoT



IoT Uptake



- ◆ Identify spearhead players
- ◆ Communicate
- ◆ Champion



Large Scale Pilots

- ◆ Experimentation, replication and deployment
- ◆ Convergence
- ◆ Interoperability
- ◆ H2020



Real-life testing and deployment

IoT – Large Scale Pilots

Beyond technology demonstration, specific features

- Make use of advanced ICT Technologies
- Include feed-back loop mechanism for adaptation/variations
- Are large scale (dimension, geographical, systemic/integral)
- Involve all value-chain actors
- Address business model validation
- Address user validation and acceptability
- Position as close to real-life/market conditions as possible
- Promote European IoT supply and demand partnership

IoT as Focus area for Horizon 2020

- At least 5 pilots should be tendered 2016-2017

Structure – Horizontal Groups



- ◆ **WG 01: IoT European Research Cluster**
 - Bringing together EU-funded projects.
- ◆ **WG 02: Innovation Ecosystems**
 - Stimulating and creation an IoT ecosystem across the value chain
- ◆ **WG 03: IoT Standardisation**
 - Analysing and mapping IoT standards and the routes to interoperability
- ◆ **WG 04: Policy Issues (Trust, Security, Liability, Privacy)**
 - Identifying barriers to uptake and how to overcome them

Structure – Vertical Groups



- ◆ **WG 05: Smart Living Environments for Ageing Well**
 - Independent and active living through smart homes
- ◆ **WG 06: Smart Farming and Food Security**
 - Scenarios from farm to fork
- ◆ **WG 07: Wearables**
 - Integrate key technologies into intelligent systems
- ◆ **WG 08: Smart Cities**
 - Optimise the use of resources, improve well being and engagement.
- ◆ **WG 09: Smart Mobility**
 - Transport, vehicles, connected cars.
- ◆ **WG 10: Smart Environment**
 - Better the management of water.
- ◆ **WG 11: Smart Manufacturing**
 - Marry information, technology and human ingenuity for rapid revolution.

WG 09: Smart Mobility



Rinspeed

AIOTI



MEMBERS

WANTED

JOIN TODAY

- **Stmicroelectronics**
- **Telecom Italia**
- **Telit**
- **Texas instruments**
- **Thales**
- **Vodafone**
- **Volvo**
- **ERTRAC**
- **Clepa**
- **Ertico**
- **.....acquisition ongoing**



Join one AIOTI Working group

Application form:

<https://ec.europa.eu/digital-agenda/en/alliance-internet-things-innovation-aioti>

<http://www.aioti.eu>

Thank you!