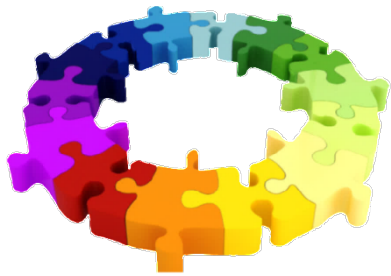


The Role of AIOTI in boosting IoT Business Value



AIOTI

ALLIANCE FOR INTERNET OF THINGS INNOVATION



History

Launch at the Alliance for Internet of Things Innovation (25th of March 2015, Brussels)



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500 AIOTI members from 26 countries

Large companies

Start-ups

Associations



SMEs

AIOTI is an IoT global key player and the voice of #Europe on #IoT



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Five key challenges on IoT



Rapid technological development



Users' take up and acceptability



Need to move into deployment



Risk of fragmentation



International competition



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The Basis

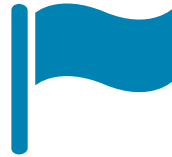
- ❖ Create and master sustainable innovative European IoT ecosystems in the global context to address the challenges of IoT technology, applications and deployment including standardisation, interoperability and policy issues, in order to accelerate sustainable economic development and growth in the new emerging European and global digital markets.
- ❖ Strengthen the integration across the digital value chain and foster coordination across different public funded industrial initiatives and support the acceleration of IoT deployment in a Digital Single Market context.
- ❖ Promote global cooperation and collaboration in the area of IoT
- ❖ Mapping and bridging global, EU and Members States' IoT innovation activities.



AIOTI Mission Areas

Deployment

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



IoT Uptake

- Identify spearhead players
- Communicate
- Champion



IoT Ecosystem

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



Large Scale Pilots

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



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AIOTI in the long term and stepping stones



2015

March
Phase 1:
Launch



2015

December
Phase 2:
First
Positioning



2016

April
Phase 3:
Awareness
raising



2017

Phase 4:
Strategy road
map



2020

Phase 5:
Sustainability



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AIOTI Structure

❖ Steering Board

- WG Chairs, European Commission, Startupbootcamp (SME Representative)

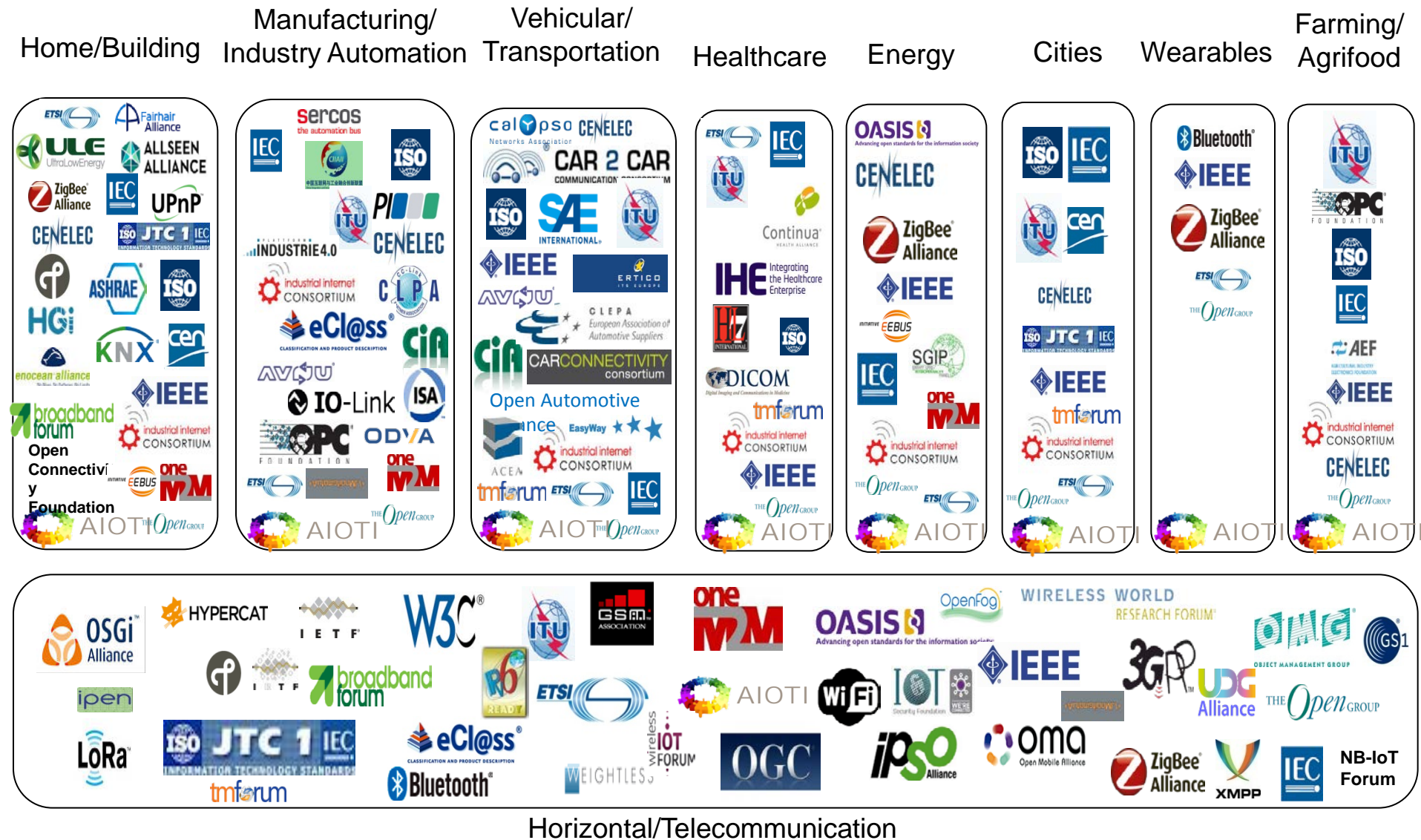
❖ Working Groups (Chair, Alternate Chair):

- WG 01: IoT European research cluster (SINTEF)
- WG 02: Innovation Ecosystems (Philips, Stromatolite)
- **WG 03: IoT Standardization (ETSI, Huawei)**
- **WG 04: Policy issues (Vodafone, Arthur's Legal)**
- WG 05: Smart living environments for ageing well (STMicro)
- WG 06: Smart farming and food security (Gradiant, Orange)
- WG 07: Wearables (Samsung, iMinds)
- **WG 08: Smart cities (Telefonica, Engineering)**
- **WG 09: Smart mobility (Bosch, Dunavnet)**
- WG 10: Smart environment/smart water management (Sigfox, TI)
- **WG 11: Smart manufacturing (EFFRA)**
- WG 12: Smart Energy (Alstom)
- WG 13: Smart Buildings (Schneider Electric , CSEM)



Example for AIOTI activities: IoT Standardization

IoT SDOs and Alliances Landscape



Horizontal/Telecommunication

Source: AIOTI WG3 (IoT Standardisation) – Release 2.6; SDO = Standards Developing Organizations

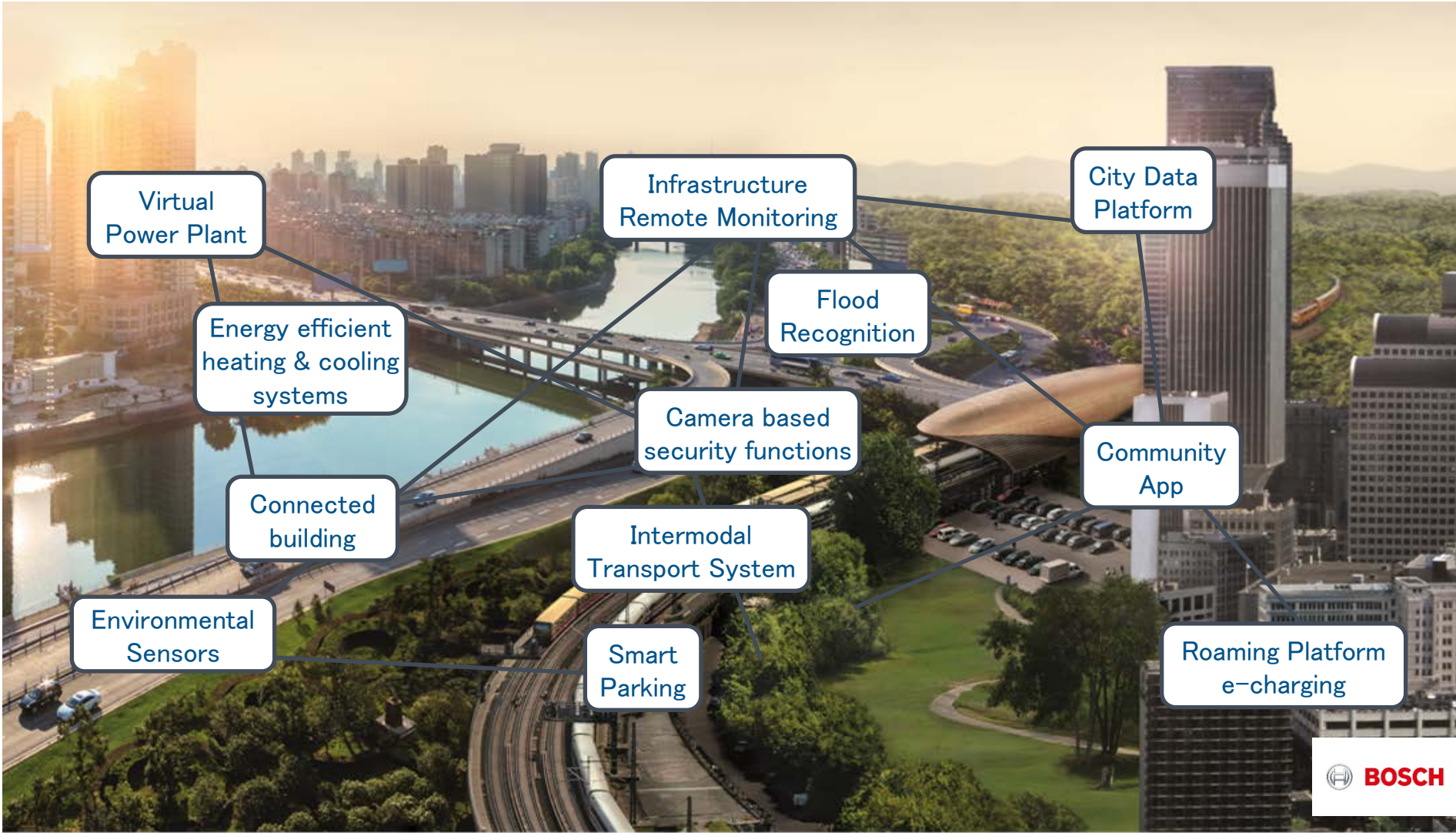
AIOTI on IOT Standards:

Future Key and Specific Challenges

- ❖ AIOTI forms collaborations of contributors around specific key challenges derived from IoT landscape analysis by exploiting as much as possible the results of recent projects:
 - Architecture
 - Semantic Interoperability
 - Privacy
- ❖ AIOTI is strengthening discussions with Standards Developing Organization to foster:
 - co-creation and interworking, realize economies of scale and scope, mitigate fragmentation and contribute to solving the gaps on emerging IoT standards and practices



Example: Bosch Activities in AIOTI for Smart Cities



**We very much look forward
to your membership
and active participation**



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Thank you!

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