



Alliance for IoT
and Edge Computing
Innovation

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IoT/Edge/AI Landscape and Challenges in Europe

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Secretary General

About AIOTI

About Speaker

- **Damir Filipovic is Secretary General of AIOTI.** For almost 25 years, Damir combines experience in public and private sector in technology, research, innovation and regulation. Damir started his career in Croatian Ministry of Communication. From 2000, he was leading regulatory and wholesale business units in Deutsche Telekom and Telekom Austria Croatian subsidiaries. Damir has founded a several startup companies and successfully run them. Since 2008, he works in Brussels, first in Telekom Austria then in DIGITALEUROPE and Samsung, covering research and innovation, standardisation, IP and copyright, trade and customs, digital transformation, privacy and security, accessibility, spectrum and compliance with the EU regulation. Damir holds MSc in engineering from University of Zagreb.
- **Alliance for IoT and Edge Computing Innovation (AIOTI)** is the organization that aim to lead, promote, bridge and collaborate in IoT and Edge Computing and other converging technologies research and innovation, standardisation and ecosystem building, providing IoT and Edge Computing deployment for European businesses creating benefits for European society.



Mission and Vision

Mission

To drive on behalf of our members business, policy, research and innovation development in the IoT & Edge Computing and other converging technologies across the Digital Value Chain to support digitization in Europe, and competitiveness of Europe.

Vision

Together we aim to lead, promote, bridge and collaborate in IoT & Edge Computing and other converging technologies research and innovation, standardisation and ecosystem building providing IoT deployment for European businesses creating benefits for European society. We co-operate with other global regions to ensure removal of barriers to development of the IoT & Edge Computing market, while preserving the European values, including privacy and consumer protection.

Our community

195
Members

819
Contributors

9
Groups

9
Focus Groups

10
Task Forces

44
Corporates

69
SMEs

56
Research/Academia

22
Associations

4
Public Authorities

How we work

Horizontal WG

Research & Innovation

Innovation Ecosystems

Replicability & Scalability

SCoDIHNet

Standardisation

Semantic Interoperability

Landscape, Gaps, Comp Continuum, IoT and relation to 5G

High-Level Architectures

Security & Privacy

Testbeds

Policy

Vertical WG

Agriculture

Energy

Buildings & Communities

Health

Manufacturing

Mobility

Task Force

Web3 Accelerator

Digital for Climate

Early Innovation Champions

Our Priorities in 2023

Research and Funding

- AIOTI SRIA
- SNS Projects & WP
- Project matchmaking
- Project participation

Special Projects

- Web3 Accelerator
- DLT PET Testing
- Early Innovation Champions

Policy and Standardisation

- AI, Data Act
- Cybersecurity
- Green Deal
- Testbeds promotion
- Standardisation

Business Forum and Members Corner

- Monthly sessions
- Business sharing and matchmaking
- Support in projects
- Member's Corner:
 - Launch of product
 - Information sharing

Events

- Signature Event/IoT Week 2023
- Bi-Monthly Events
- Topical Workshops:
 - SRIA
 - Standardisation
 - Health
 - Energy
 - Agriculture

Political Landscape

Political Landscape

1. **“Geo-Political”** European Commission started in 2019:
 - Technological Sovereignty – still not clear what is it (dependencies, supply chain, state aid, “Buy European”, “National Champions”)
2. **New angles for “old” challenges:** Data, Cybersecurity, AI, Privacy, Infrastructure, Digital Services and Markets Act(s)
3. **New challenges:** climate change, war in Ukraine
4. **Different approach to standardisation and R&I:** HLF, IPCEI, Alliances
5. **Different approach to international engagement:** TTC, digital partnerships (Japan, US, Korea, India, Singapore, Canada)

Challenges

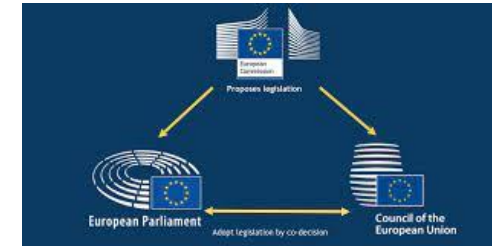
Challenges

1. **Technological Sovereignty:** how to separate sensible concerns with protectionism (“Buy European”, “National Champions”)
2. **Regulations:** Data, Cybersecurity, AI, Privacy, Infrastructure, Digital Services and Markets Act(s) – how to avoid overreach
3. **Climate change and resilience:** how to achieve CO2 reduction targets and protect industry and users from energy shortages
4. **Standardisation and R&I:** how to enable openness that is important to reach to intended audience and achieve objectives of having global solutions
5. **International engagement:** how to engage beyond exchange of best practices

Outlook 2024-2030

Outlook 2024-2030

1. **Technological Sovereignty:** focus on workable and sensible solutions that protects supply chains and avoid overreliance on one side
2. **Regulations:** focus on applying existing legislation, monitor developments and avoid overreach
3. **Climate change and resilience:** focus on solutions and reaching the scale for implementation, ensure verifiability of results
4. **Standardisation and R&I:** enable broad and open participation to achieve scale and application on the global level
5. **International engagement:** pick several critical areas and achieve regulatory and standardisation alignment



What to look from the UK perspective

1. **Technological Sovereignty:** EU will continue to work more on the concept and evolve the areas where and how to implement – IoT could be at the forefront
2. **Regulations:** EU regulations are applicable if business is to be conducted in the EU – areas of interest that will kick-in:
 - Data: Data Act, Data Governance Act
 - Cybersecurity: Cybersecurity Act, Cybersecurity Resilience Act, NIS2 Directive
 - AI: AI Act
3. **Standardisation and R&I:** new mandates will be issued under new regulation, broaden to become a global standard. R&I: offering new opportunities (with recent agreement to rejoin EU programmes), focus on open source and interoperability, continuation of focus on cloud-edge-IoT convergence and on immersive technologies, including AI
4. **International engagement:** more alignment expected, especially with the US but with other regions as well (Africa, Latin America, Australia, Japan, South Korea)



Thank you for listening

Any questions?

You can email us at sg@aioti.eu