Founding members (2017)
Mission and Vision

Mission

To drive on behalf of our members business, policy, research and innovation development in the IoT & Edge Computing, AI 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, AI 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.
How we work

**Horizontal WG**

- Research & Innovation
  - Early Innovation Champions
- Standardisation
  - High-Level Architectures & Digital Twins
- Testbeds
  - DLT & Web3
- Policy
- ICT for CO2 reduction methodologies

**Vertical WG**

- Agriculture
- Energy
- Health
- Manufacturing
- Mobility

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Semantic Interoperability

Landscape, Gaps, Continuum, IoT relation to 5G

Security & Privacy

DLT & Web3

ICT for CO2 reduction methodologies
Our Priorities

Research and Funding
- HE WP 25/26
- 6G
- Consortia building
- Project participation
- Open Calls

Policy and Standardisation
- AI, Data, Cybersecurity
- Green enablement
- Testbeds
- Standardisation
- AIOTI Vision 2024-2030

Business Forum
- Monthly sessions
- Business sharing
- Business matchmaking
- Support in projects

Events
- AIOTI Days
- Bi-Monthly Events
- Project result dissemination
- Topical Workshops
Our Deliverables (I)

Research & Innovation
- Strategic Research and Innovation agenda
- Strategic Foresight Through Digital Leadership: IoT and Edge Computing Convergence
- [Immersive technologies, digital twins and edge/AI]
- White Paper Mission and Activities of IoT Digital Innovation Hubs Network
- White paper on the collection of DIH operational issues
- Vision on IoT Innovation Ecosystems
- Replicability and Scalability Assessment Tool

Policy
- AI Act
- AI Liability
- Network and Information Security Directive 2
- Chips Act
- Data Act
- Data Governance Act
- Cybersecurity Resilience Act
- EU Standardisation Strategy
- Contributions to EC studies

Standardisation
- IoT & Edge Landscape Report
- Gap Analysis Report
- IoT Impact Beyond 5G Report
- Computing Continuum Report
- Ontology Landscape Report
- Guidance on integration of IoT/Edge in Data Spaces
- Landscape of EU funded projects
- Annual Union Work Programme on Standardisation
- European Rolling Plan for ICT standardisation

Testbeds
- IoT/Edge Testbeds Catalogue
- IoT/Edge Testbed Methodology
- Testbeds Methodology Guidance
- Report on DLT-IoT-AI Technological Convergence
- DLT PET testing

ICT for CO2 reduction methodologies
- Sustainability Product Initiative
- Renewable Energy Directive III
- Strategic Foresight Report
- Green Deal Vision
- Carbon removal certification
- Methodology for carbon footprint measurement and reduction
- Collaboration with ETSI/ITU-T SG5
- Digital Product Passport
- EGDC contribution

Deliverables are publicly available on AIOTI website: https://aioti.eu/category/resources/
Our Deliverables (II)

**Agriculture**
- Role of IoT in addressing the agroecological focus of the Green Deal
- Role of IoT in addressing biodiversity and environmental monitoring
  (6G needs in agriculture sector)

**Energy**
- Open Energy Marketplaces Evolution - Beyond Enabling Technologies
- Digitalising Energy System Action Plan
- Energy Flexibility Solutions
- Electricity Market Design
- Edge driven Digital Twins in distributed energy systems
  (AI in Energy)
- Energy Efficiency Directive recast
- Renewable Energy Directive recast

**Health**
- AI for better health
- Health Data and Data Spaces
  (IoT/Edge Computing and AI supporting sustainable health systems in Europe)

**Mobility**
- Electric vehicles (EV) and electric vehicle charging User Cases driven approach
  (White Paper on future mobility)

**Manufacturing**
- Business Impact of IoT in Manufacturing Industries
  (Edge-to-Cloud Continuum: opportunities and challenges for the Manufacturing Industry)

Deliverables are publicly available on AIOTI website: [https://aioti.eu/category/resources/](https://aioti.eu/category/resources/)
Events: organised, supported, speaking

AIOTI 2023

PLATINUM SPONSOR:

SIEMENS

Bi-Monthly Business Forum

PRIVACY SYMPOSIUM
Conference in Venice, Italy
17–21 April 2023

IoT Tech Expo
Europe

IEEE World Forum
on Internet of Things

SUSTAINABLE ENERGY WEEK
Going green and digital for Europe’s energy transition

European Congress

MOBILE WORLD CONGRESS

SMART CITY
EXPO WORLD CONGRESS

ETSI IoT Conference 2023 (ETSI IoT Week 2023)

Digital Around the World