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.

AI TI

How we work

Horizontal WG

Research & Innovation

- Early Innovation Champions
- Innovation Ecosystems
- SCoDIHNet

Standardisation

- High-Level Architectures & Digital Twins
- Landscape, Gaps,Continuum, IoT relation to 5G
- Security & Privacy
- Semantic Interoperability

Testbeds

- DLT &Web3

Policy

ICT for CO2 reduction methodologies

Vertical WG

Agriculture

Energy

- Buildings & Communities

Health

Manufacturing

Mobility

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Our Priorities

Research and Funding

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

Policy and Standardisation

- AI, Data, Cybersecurity
- Green transition
- Testbeds
- Standardisation
- AIOTI Vision 2024-2030

Business Forum

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

Events

- Signature Event
- Bi-Monthly Events
- Project result dissemination
- Topical Workshops

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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

Testbeds

IoT/Edge Testbeds Catalogue

IoT/Edge Testbed Methodology

Testbeds Methodology Guidance

Report on DLT-IoT-AI Technological Convergence

DLT PET testing

Digital for Climate

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

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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)

Buildings & Communities

Energy Efficiency Directive recast

Renewable Energy Directive recast

Revision of Energy Performance of Buildings Directive

(IoT value for building and infrastructure)

IoT and Crisis Preparedness

Online Catalogue of Solutions

IoT improving Healthy Urban Living

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)

EC Smart Grids Expert Group

EC Smart Energy Expert Group

Health

AI for better health

(Health Data and Data Spaces)

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)

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Events: organised, supported, speaking