



EDGE A-IQ READY

Artificial Intelligence using Quantum measured Information for realtime distributed systems at the edge

A-IQ Ready Objectives

O1: Improve sensing
accuracy, latency, reliability and trustworthiness in complex environments.

IIoT, SoS, Digital ECS

O2: Build AI methods
for multi-agent autonomy in uncertain environments.

AI-SoS, Algorithms

O3: Provide an open AI Edge Continuum platform.

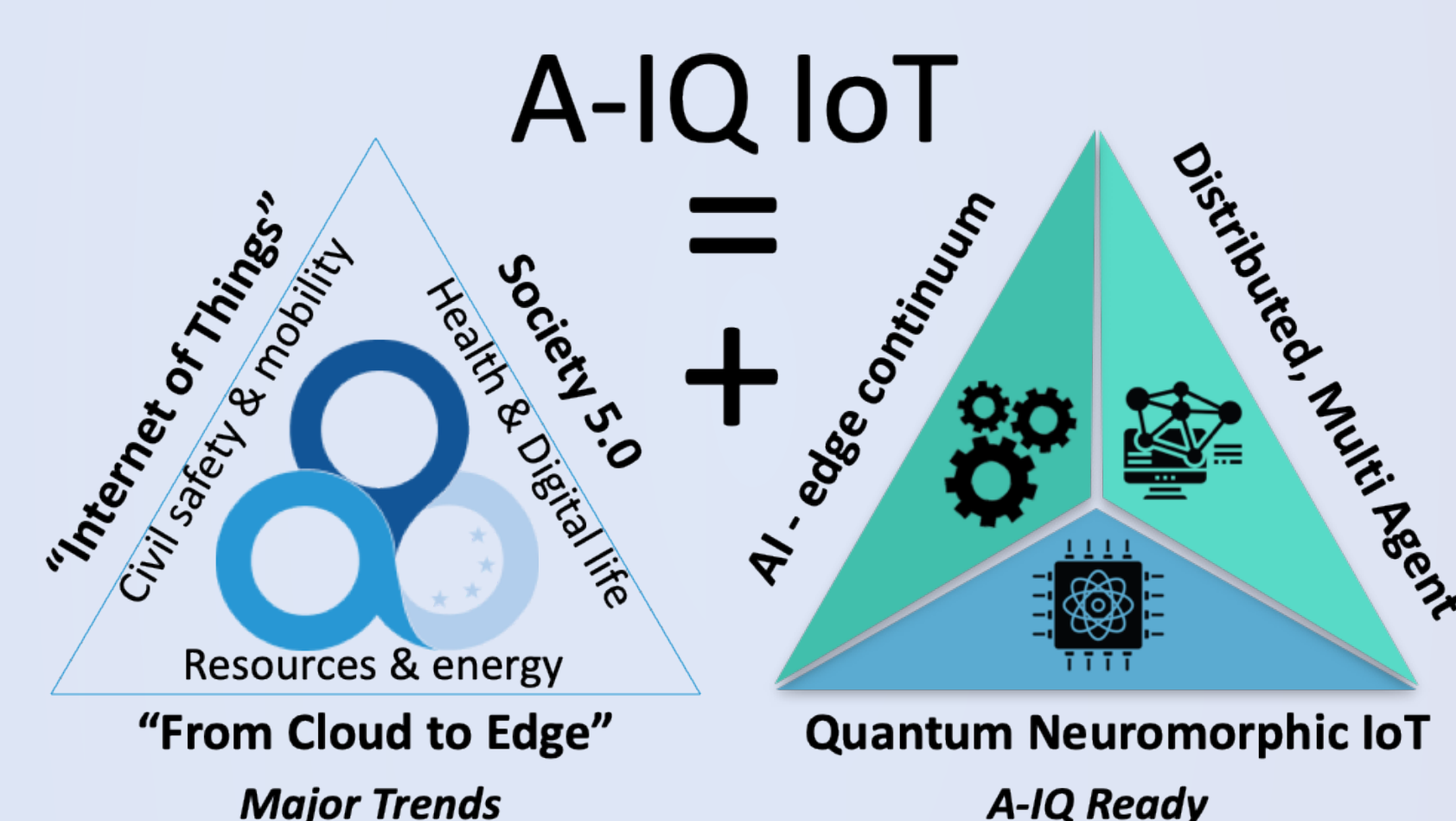
AI edge continuum

O4: Build applications
relevant for the digital society.

Digital Life on Edge

O5: Europe's competitiveness
for a resilient, prosperous and safe digital society.

Digital Economy for Society 5.0



A-IQ Ready Supply Chains

SC1. Safe co-existence

of automated and manual transport at industrial sites

SC2. Search & Rescue (SAR)

and emergency response for civil safety

SC3. Digital Health

and Emergency recognition for Driver and Operator

SC4. Propulsion health

and availability in safety critical situations

SC5. Quantum sensor

Multi-modal, multi-physics sensing at highest precision

SC6. Hybrid Computing

(Quantum Computing & High-Performance Computing)

SC7. Cooperative Multi-Agent Systems

(Decentralized AI for Emergent Industrial Solutions)

SC8. AI, Architectures, Tools and Methodologies

(for open source and cross domain fertilization)

General Information

Project Coordinator: AVL List GmbH

Number of partners: 49

Number of countries: 15

Project start: 2023 01 01

Duration: 36 months

Total budget: € ~ 33.7 M

EU contribution: € ~ 10,6M

PARTNERS



Funded by the European Union



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