EUCloudEdgeIoT.eu

EU-CEI Overview

Golboo Pourabdollahian (IDC) | Unlock-CEI Coordinator

gpourabdollahian@idc.com

EU-CEI in a nutshell

A European Commission research and innovation initiative that aims to:

- Realise a pathway for the **understanding and development of the Cloud, Edge and IoT Continuum**
- By promoting **cooperation** between a wide range of research projects, developers and suppliers, business users and potential adopters of this new technological paradigm.
- Support the definition and development of **large scale pilots**
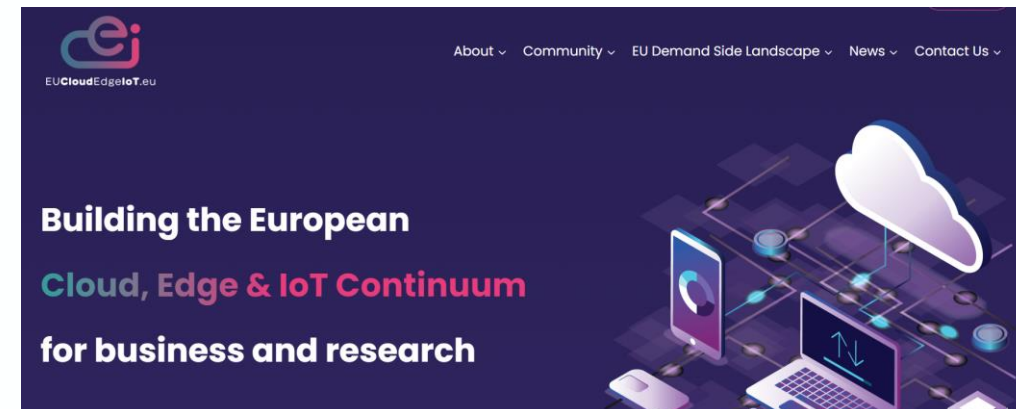
EUCloudEdgeIoT.eu

Cloud

Edge

IoT

About ⌄   Community ⌄   EU Demand Side Landscape ⌄   News ⌄   Contact Us ⌄

EUCloudEdgeIoT.eu

Building the European
Cloud, Edge & IoT Continuum
for business and research

The CSAs behind EUCEI

Open Continuum

Focus on supply side of the computing continuum landscape

- **Obj 1:** Promote the establishment of a European **industrial Open Ecosystem** based on **Open Source and Open Standards**
- **Obj 2:** Map and analyse the **supply-side landscape** of the European emerging Computing Continuum
- **Obj 3:** Engage the EU industrial and research actors to create a **supply-side community** that spans the whole Computing Continuum
- **Obj 4:** **Coordinate the relevant EU project portfolio** towards an open European ecosystem for the cloud-edge-IoT continuum

UNLOCK-CEI

Focus on demand side of the computing continuum landscape

- **Obj 1:** Carry out a systematic assessment of the current state of the European CEI **demand landscape,** analysing the **business opportunities** brought by this paradigm change
- **Obj 2:** Define **market scenarios** for the development of the open European Cloud-Edge-IoT (CEI) ecosystem and a CEI Readiness Framework
- **Obj 3:** Build and activate the **CEI Industry Constituency,** through a **group of industry stakeholders** representing the value chain actors in Europe.
- **Obj 4:** Develop a productive and effective **interface between the demand constituency and the supply side** to improve the market readiness and successful adoption of these technologies
- **Obj 5:** Create **awareness of CEI in Europe and generate impact.**

EUCEI TASK FORCES

Strategic Liaisons	Open Source Engagement	Architecture	Ecosystem Engagement	Market & Sectors	Communications
Task Force 1	**Task Force 2**	**Task Force 3**	**Task Force 4**	**Task Force 5**	**Task Force 6**
Open Continuum INSIDE	**Open Continuum ECLIPSE**	**Open Continuum EVIDEN**	**UNLOCK-CEI BLUSPECS**	**UNLOCK-CEI IDC**	**Open Continuum & UNLOCK-CEI Martel & Trust-IT**
Liaison with EU initiatives	Strategy for European digital autonomy in edge-to-cloud through Open Source	Taxonomy definitions	Coordination of Open Calls activities	Demand market adoption, drivers and challenges	Joint branding and community
Interactions with AIOTI/ECS/Gaia-x, etc.		Enable the architectural discussion among projects in the area of IoT/Edge and Cloud to create a continuum.	Definition of commercial pilots	Use-cases characterisation	Coordination of Common events
Share results of strategic analysis	Contribute to the definition of a common open architecture for the computing continuum		Commercial relationships and workshops	Definition of relevant value chains	Amplification of RIAs activities
Identification of common ground for the computing continuum		Identification of the thematic areas and building blocks.		Sector specific needs and requirements	Sustain a continue debate on CEI continuum
				Commercialisation support	

EUCEI Community

59 Projects and initiatives are part of EUCEI community

Many activities conducted by EU-CEI

Branding a unified identity for the Community

Website Relaunch of the website

RIAs Booklet & use-case catalogue

Use-case success stories

RIAs Showcase Webinars

Market Insight Webinars

Market adoption workshops

Workshops & webinars on architecture and OSS

Consultation and Concertation Event

HE Calls 2024 Info & Brokerage Event

Thematic sessions in signature events (EBDVF, AIOTI)

Read our Reports & WHITE PAPERs

Cloud-Edge-IoT Demand Landscape

CEI ecosystems overview with the value chain adopter group

Technology scoping paper

Sector-specific service requirements, data flows and revenue streams in Cloud-Edge-IoT value networks

Mapping Cloud-Edge-IoT opportunities and challenges in Europe
Market landscape, technological innovations, value chains and use cases

ON THE EDGE: MARKING THE IMPACT OF THE CEI CONTINUUM ON SKILLS DEMANDS
IDENTIFYING FUTURE BARRIERS TO MARKET ADOPTION FROM LEADING USE CASES

Compositional view of the Continuum Reference Architecture
Graphical representation of common, and potential, capabilities

Technology Implementation Model and Architectural Patterns for CEI Use Cases

Preliminary Market Scenarios & Pathways to the Future Open European CEI Ecosystem

https://eucloudedgeiot.eu/reports/

UNLOCK-CEI Final Event

Register Here!

The CSAs to continue EUCEI

NexusForum.EU

Boost the consolidation of the European Computing Continuum ecosystem

- **Obj 1: Consolidate the European R&D&I activities** related to the Cognitive Computing Continuum and provide **a long-term vision** for potential topics addressing the gaps**.**
- **Obj 2: Monitor the European regulatory** landscape and policy activities and provide suggetsions.
- **Obj 3:** Facilitate **collaboration** and knowledge exchange between European **research and industrial stakeholders.**
- **Obj 4:** Facilitate **engagement at international level** especially with Japan and South Korea.
- **Obj 5: Annual cross-fertilisation events** for the European computing constituency.

CEI-Sphere

Support the development of an open and interoperable ecosystem for LSPs

- **Obj 1:** Establishing a **solid ground for inter-LSP cooperation**
- **Obj 2:** Develop an **extensive, data-driven understanding of European CEI market** with a customised focus on use-cases and LSPs
- **Obj 3:** support **the establishment of a privacy-preserving open edge ecosystem** including SMEs, mid-caps and startups and system integrators
- **Obj 4:** Build the **CEI technology backbone kit** that supports the **open edge ecosystem and market scalability** of LSPs solutions
- **Obj 5:** Build an **extensive CEI stakeholder ecosystem** to create awareness and generate impact