



# European projects on IoT and digital twins

**Svetoslav Mihaylov**

Policy Officer Internet of Things

DG CNECT

European Commission

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# EU policies

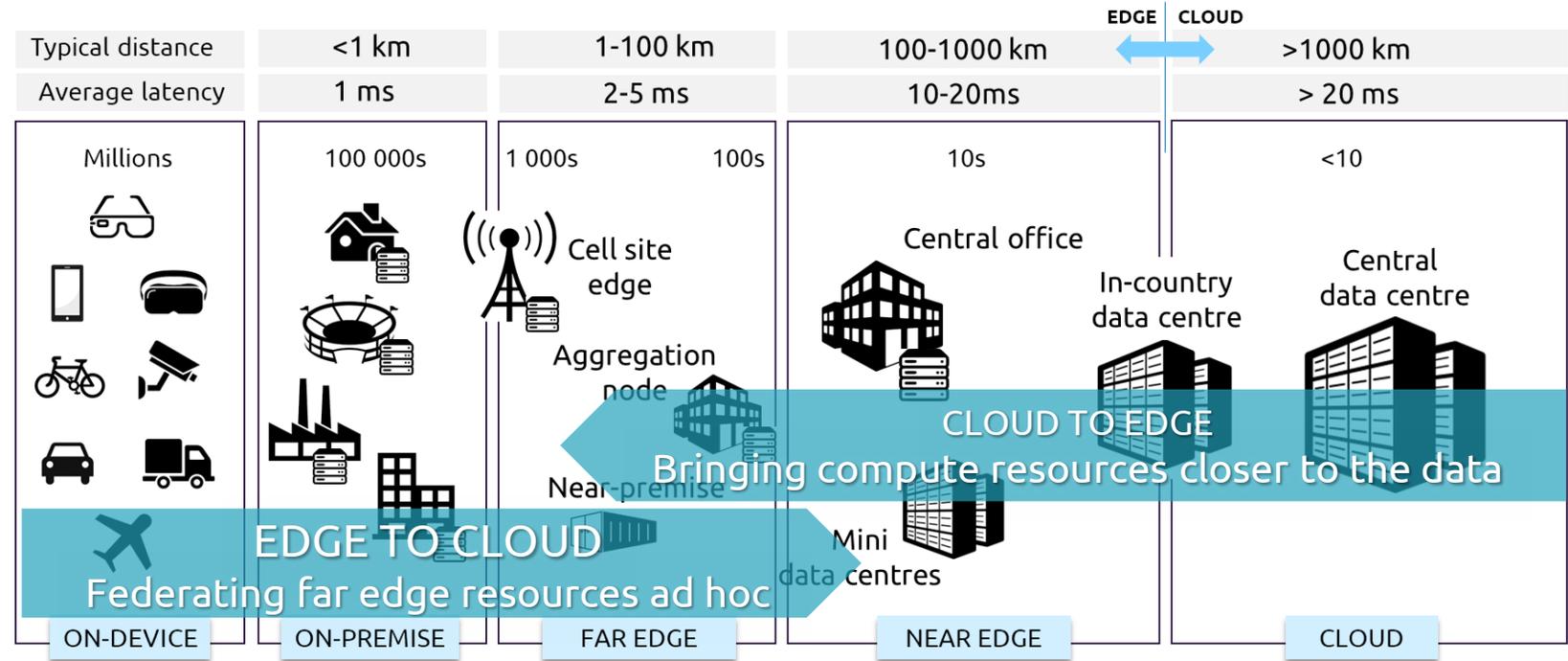
- Digital Decade
  - EU digital ambitions in key areas -> cloud computing, AI, data and connectivity.
  - Targets e.g. more than 10.000 edge nodes by 2030; 75% of cloud, AI and big data uptake by EU enterprises in 2030
- Digital Strategy – Common European Data Spaces
- Digital legislation - Data Act, Data Governance Act, Digital Services Act, Digital Market Act, Artificial Intelligence Act, Interoperable Europe Act, Cyber-Resilience Act, etc.

# Digital Decade objectives for the cloud & edge computing continuum by 2030

Digital Decade policy programme - EU digital ambitions in key areas -> cloud computing, AI, data and connectivity.



- ✓ >10.000 edge nodes by 2030
- ✓ 75% of cloud, AI and big data uptake by EU enterprises in 2030

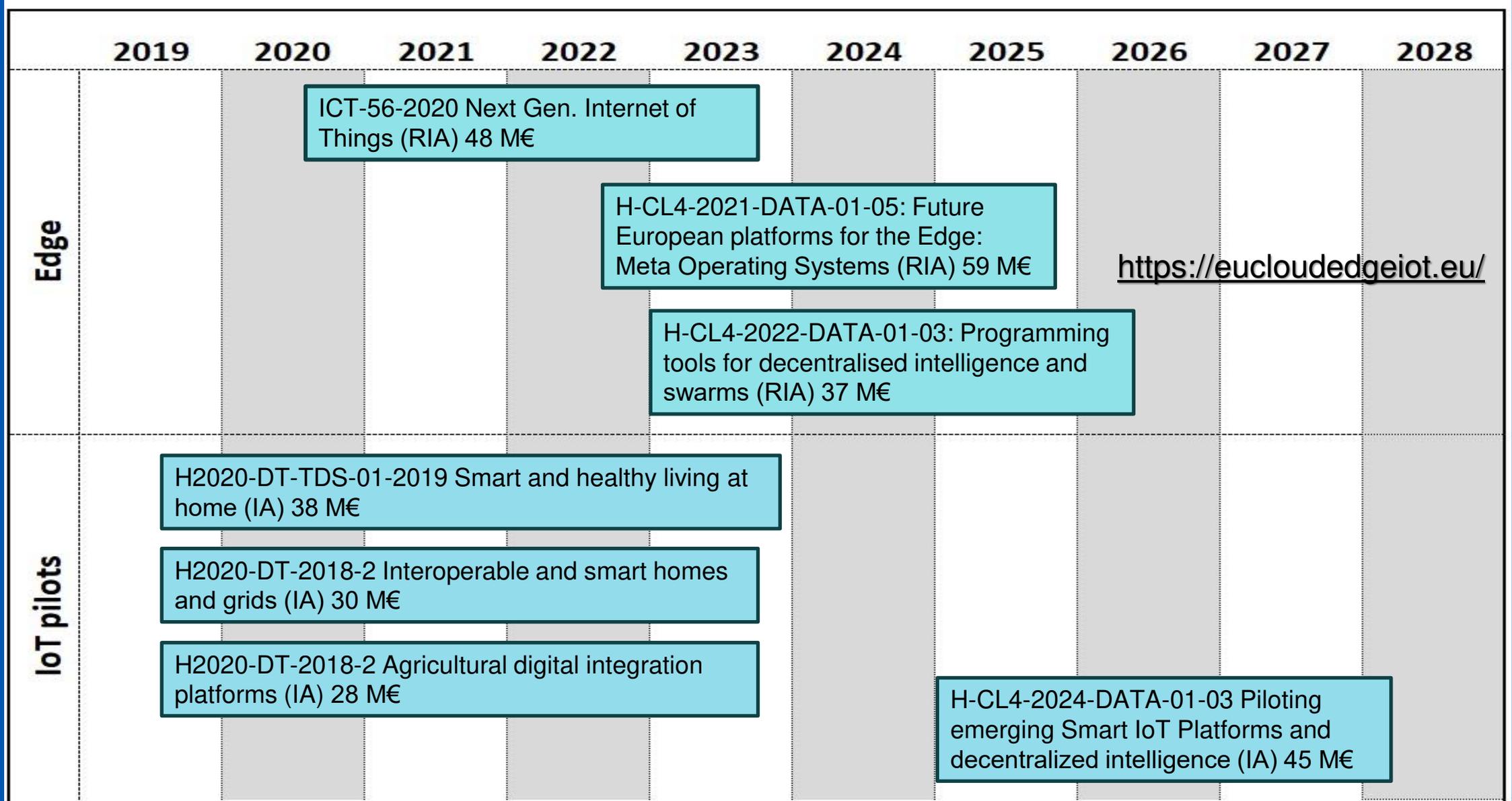


Energy Rail Manufacturing Aerospace-defence ...  
 Mobility Farming Health Public administration

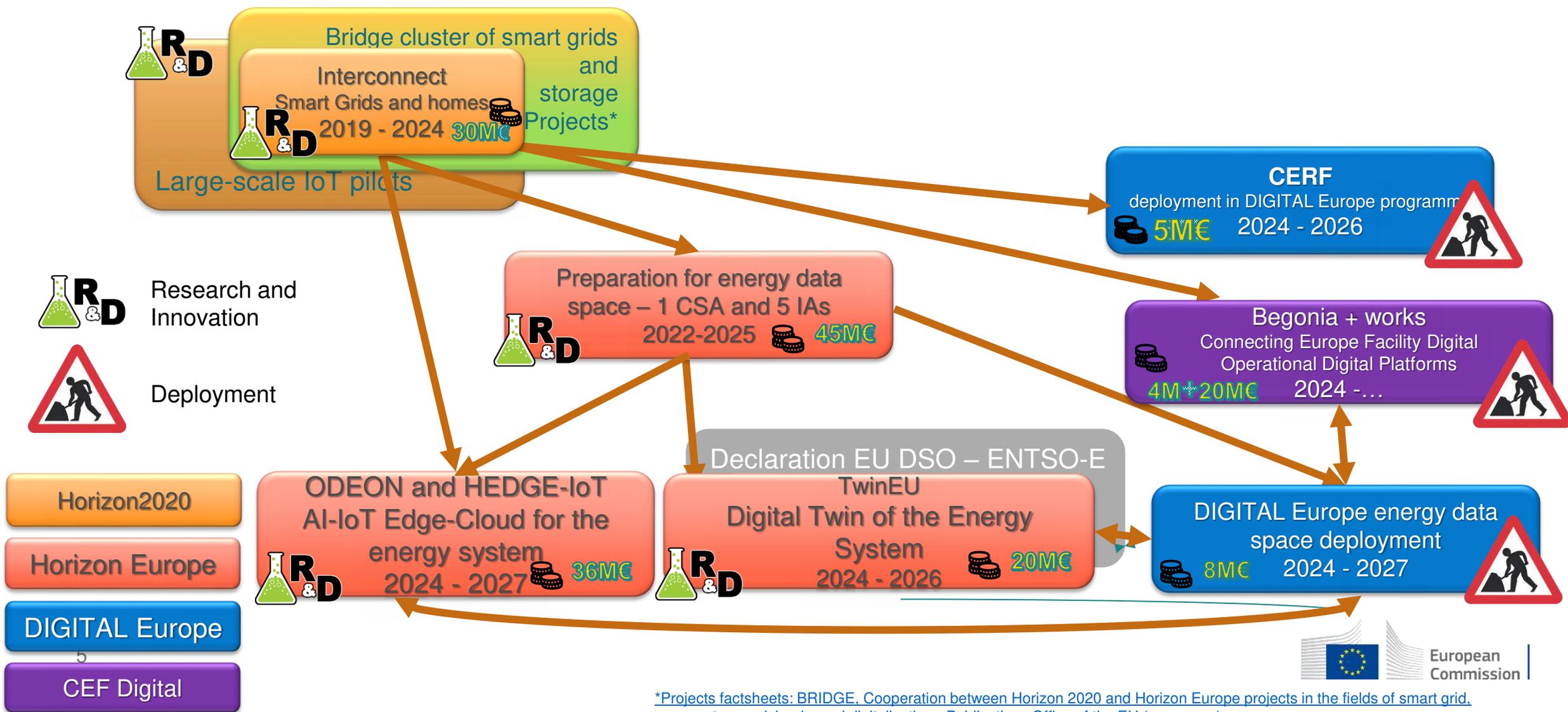
Increased autonomy at the edge



# Edge computing projects and IoT pilots



# Digitalisation of energy support in EU programmes



# Towards a Common European Energy Data Space

Cluster of Horizon Europe preparatory actions – developing solutions for a Common European Energy Data Space (CEEDS):

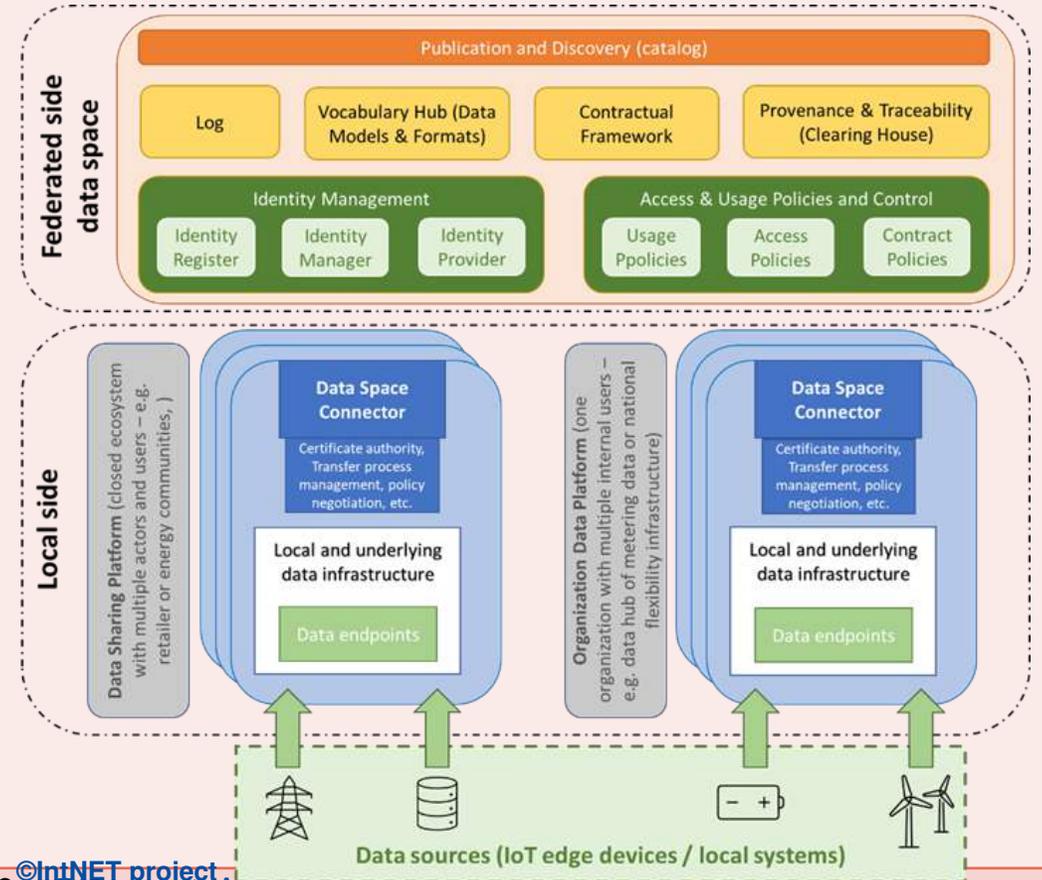


Prepare the **blueprint** for the CEEDS

- **Reference architecture**, based on the innovation actions, which includes technical specifications for the realization
- **Technical, semantic and governance aspects of interoperability**, specifically tailored for energy data spaces
- **Define the key use cases**

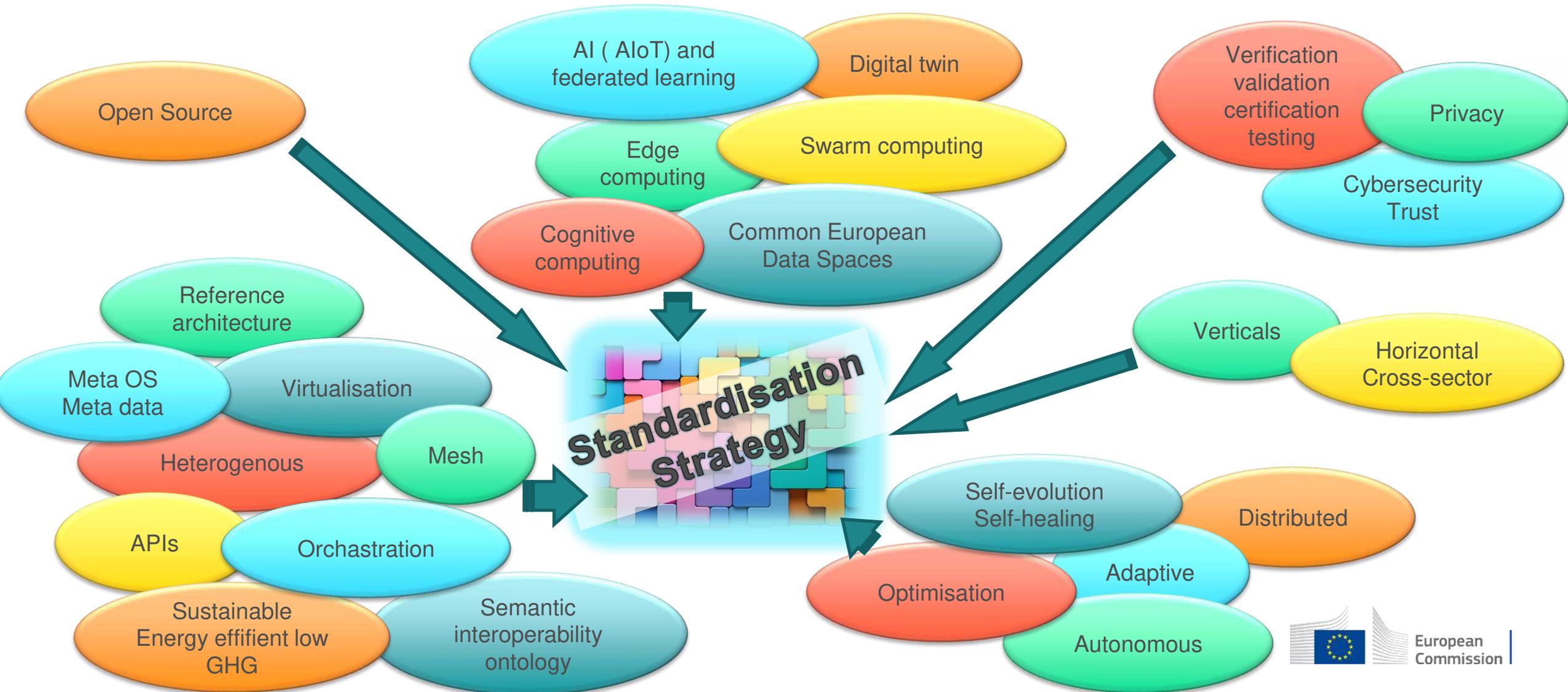
IAs are already piloting use cases using the energy data space

**DIGITAL Europe deployment action for the CEEDS**



- © IntNET project
- **EU contribution 8 M€ (co-funding)**
- **To open in Q1 2024**

# Areas driving IoT evolution and standardisation



# Thank you



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