

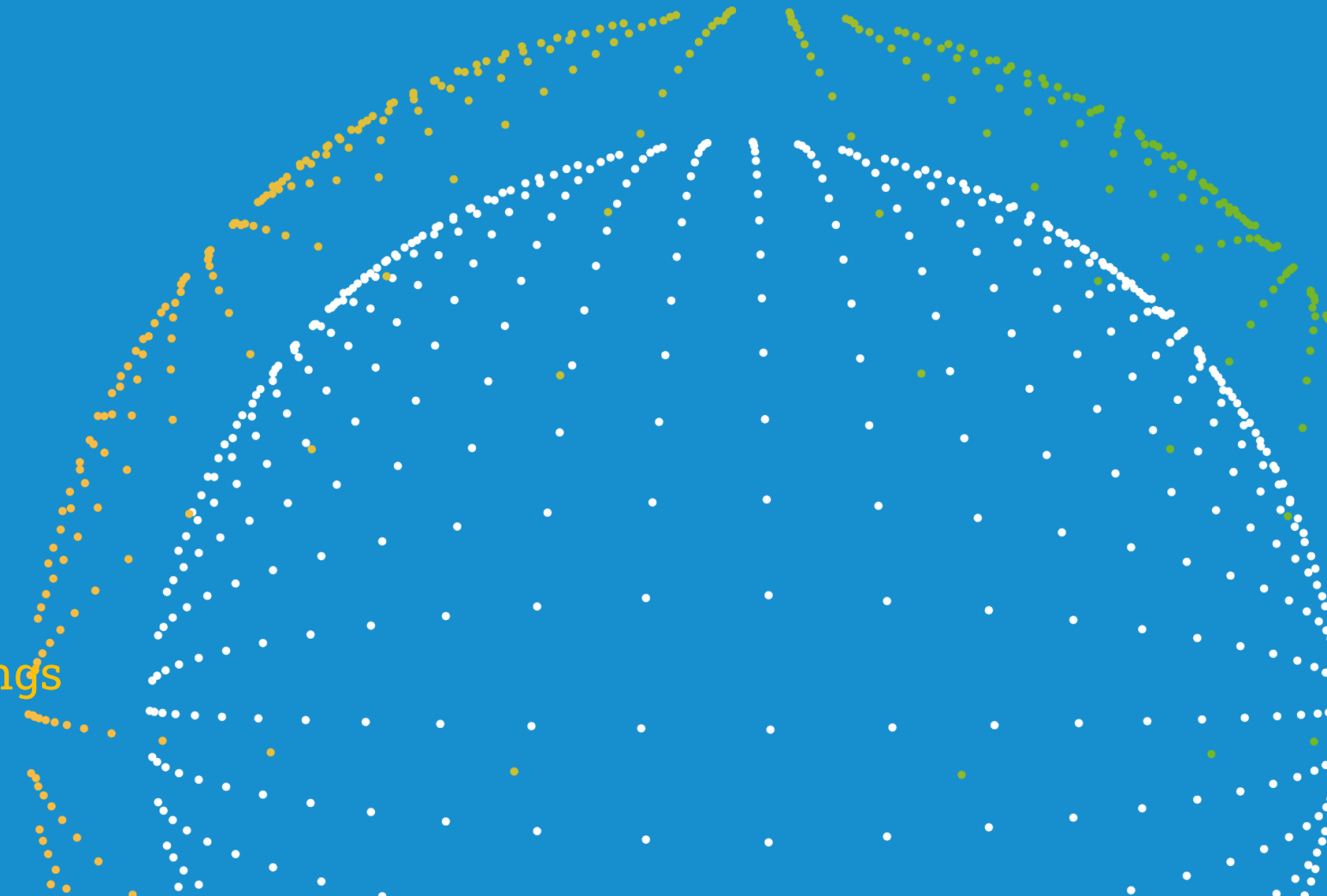
Data Spaces Symposium

Building the Common European Energy Data Space

Svetoslav Mihaylov

European Commission

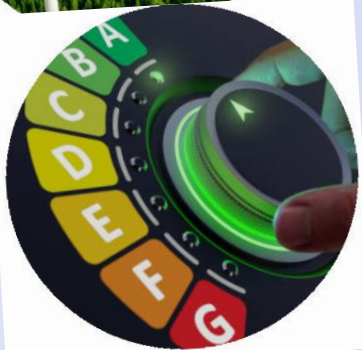
DG CNECT, Unit E4 Internet of Things



Policy background



Climate neutrality by 2050
Renewables - 45% in energy mix by 2030 (**Renewable energy directive**)



Improved energy efficiency
Primary energy consumption -32% vs. 2005 levels



Electrification of transport
All new cars and vans in EU to be zero-emission by 2035. (**Fit for 55**)
Digitally connected recharging points
Regulation on the deployment of alternative fuels infrastructures (**AFIR**)

RepowerEU
More ambitious than Fit-for-55

Digitalisation of Energy Action Plan

Digital Decade

Digital Strategy
Common European Data Spaces

Digital legislation
Data Act
Data Governance act
Digital Services Act
Digital Market Act
...

The EU Action Plan on the Digitalisation of the EU's energy system

Adopted in October
2022

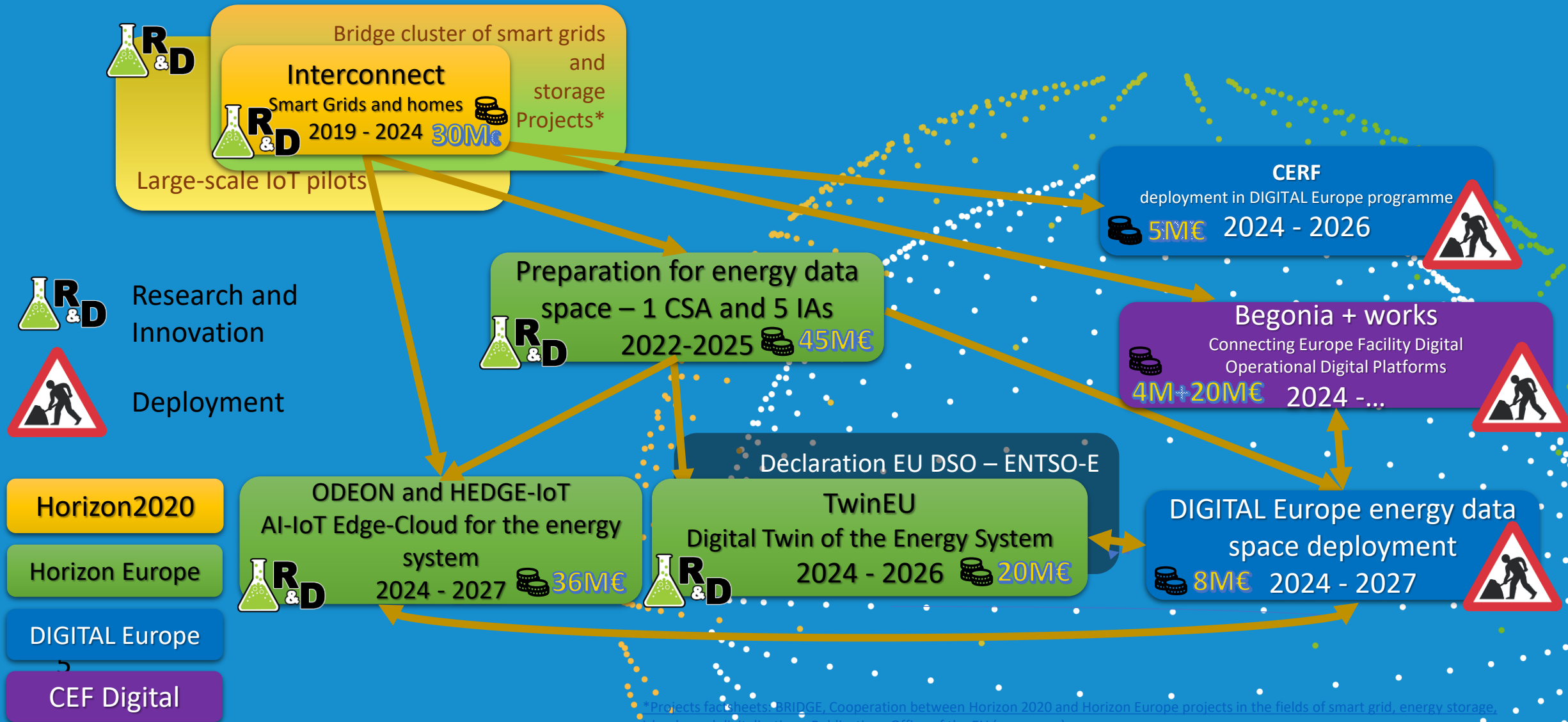
Aiming at delivering on the Commission's
priorities of the European Green Deal and a
Europe Fit for the Digital Age



Other recent developments in EU Energy policy

- **An EU Action Plan for Grids**
- **Implementing Regulation on interoperability requirements and non-discriminatory and transparent procedures for access to metering and consumption data** - adopted in 2023
- **Ongoing implementing act on demand response**
- **DSO Entity & ENTSO-E Public consultation on Network Code for Demand Response**
- **Revision of EU electricity market design in “A European Green Deal”** - trialogues finished in December 2023

Digitalisation of energy support in EU programmes



*Projects fact sheets: BRIDGE, Cooperation between Horizon 2020 and Horizon Europe projects in the fields of smart grid, energy storage, islands, and digitalisation - Publications Office of the EU (europa.eu)

Towards a Common European Energy Data Space

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

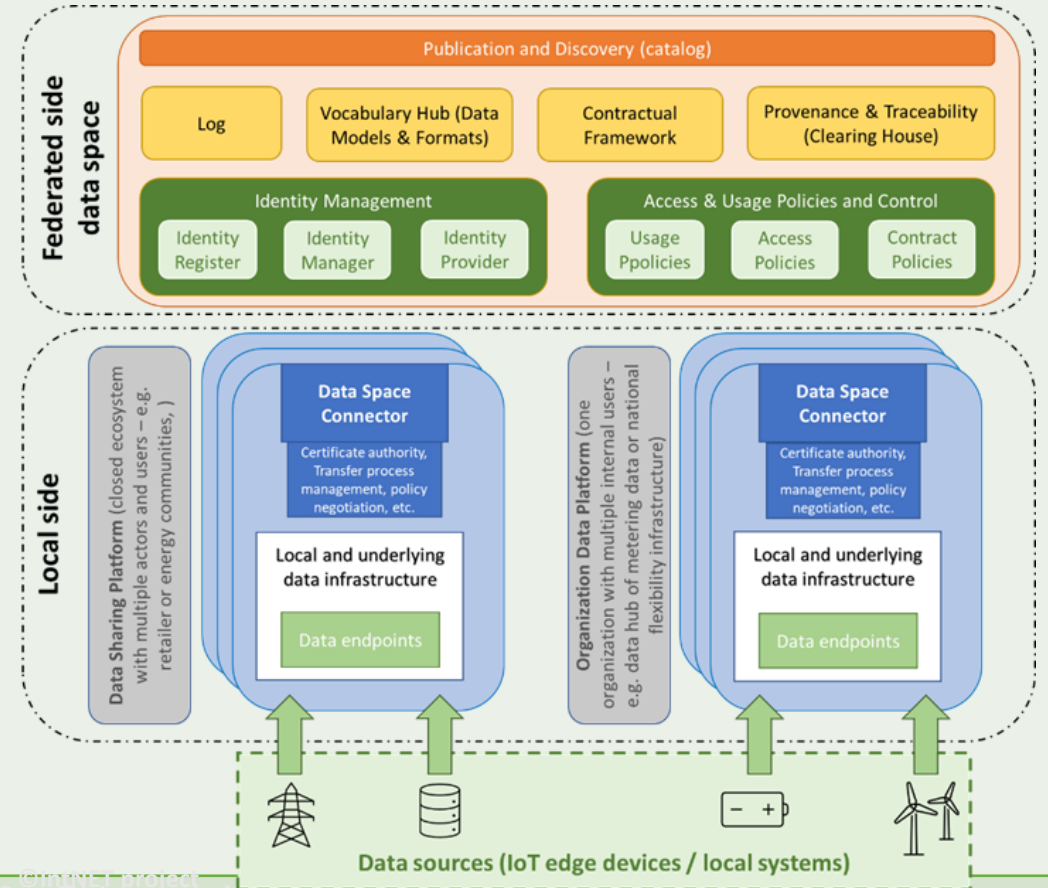


Prepare the **blueprint** for the CEEDS

- **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



- EU contribution 8 M€ (co-funding)
- To open in Q1 2024

Thank you!

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