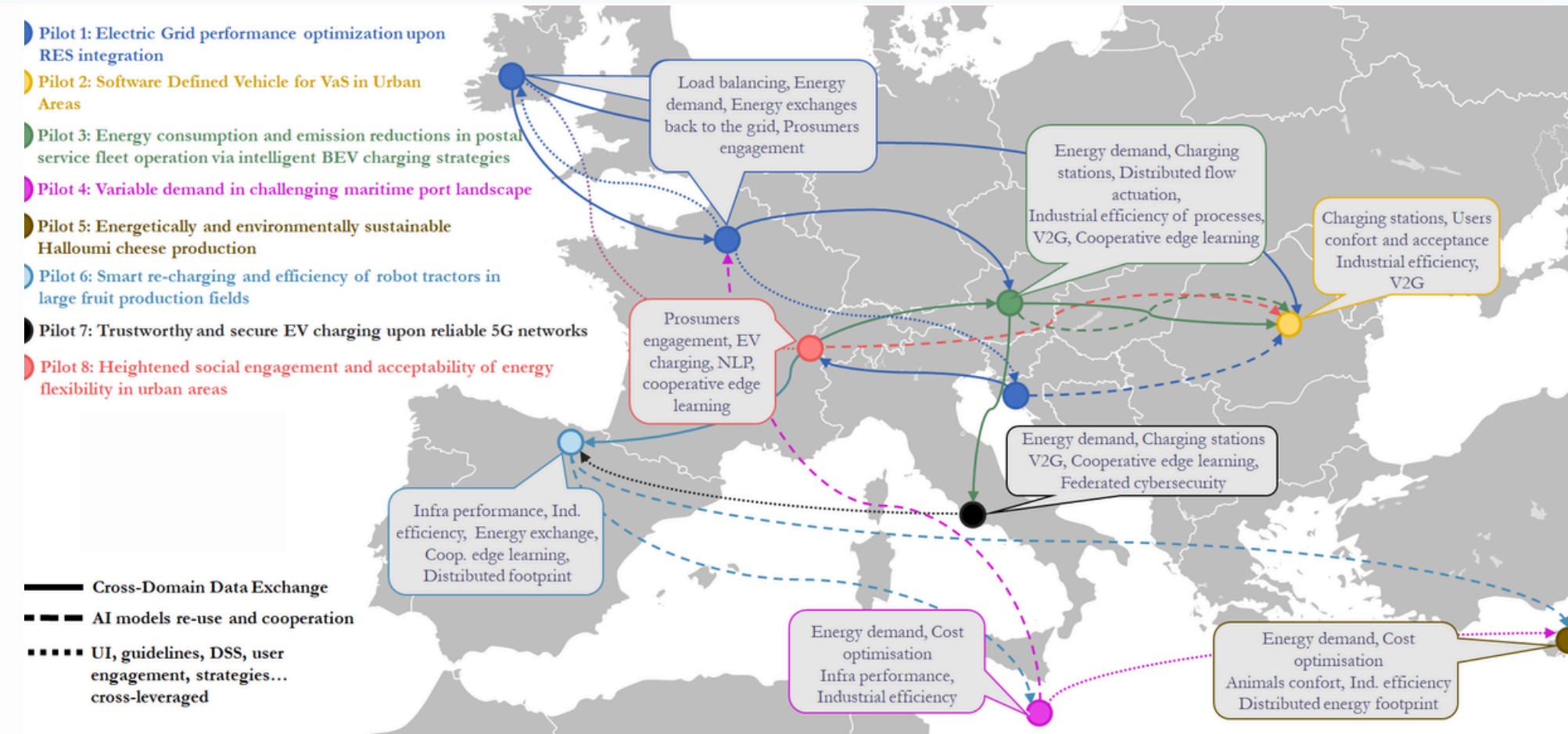


O-CEI Project (Innovation Action)



- Call and Topic: HORIZON-CL4-2024-DATA-01-03 Piloting emerging Smart IoT Platforms and decentralized intelligence
- Type of project: IA
- EU Granted amount: 23,140,063.63 €
- Duration: **1st Jan 2025**– June 2028 (42 months)
- Nº partners: 56 (incl. two 3LPs) from 19 countries
- Cascade funding: 4.000.000€ structured in two rounds
- Work Packages: Project Coordination, Formalization of pilots and Open Platform requirements, O-CEI Open Platform and blueprints development, Execution of O-CEI Large Scale Pilots, Evaluation and Assessment, and Market uptake, results exploitation and transferability.



Expected results of O-CEI



O-CEI Data Shating Platform

To share metrics and information about prosumers and infrastructure

01

O-CEI Cross-Domain Continuum Ontology

To allow federation of resources

02

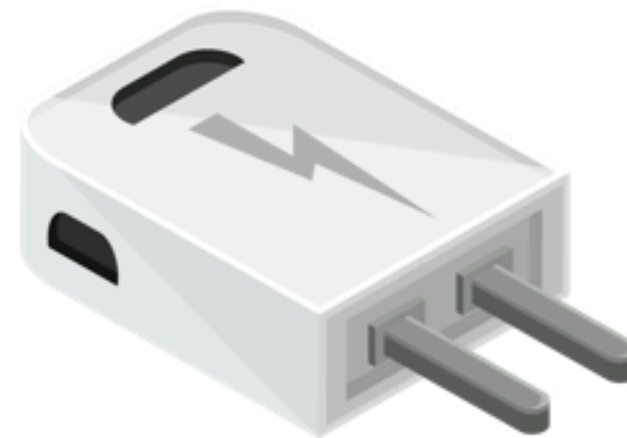
Federated marketplace

To discover, select and allow installation from other examples

03



O - C E I



04

Pre-normative

Standardisation on O-CEI deployments

05

Adoption methodology

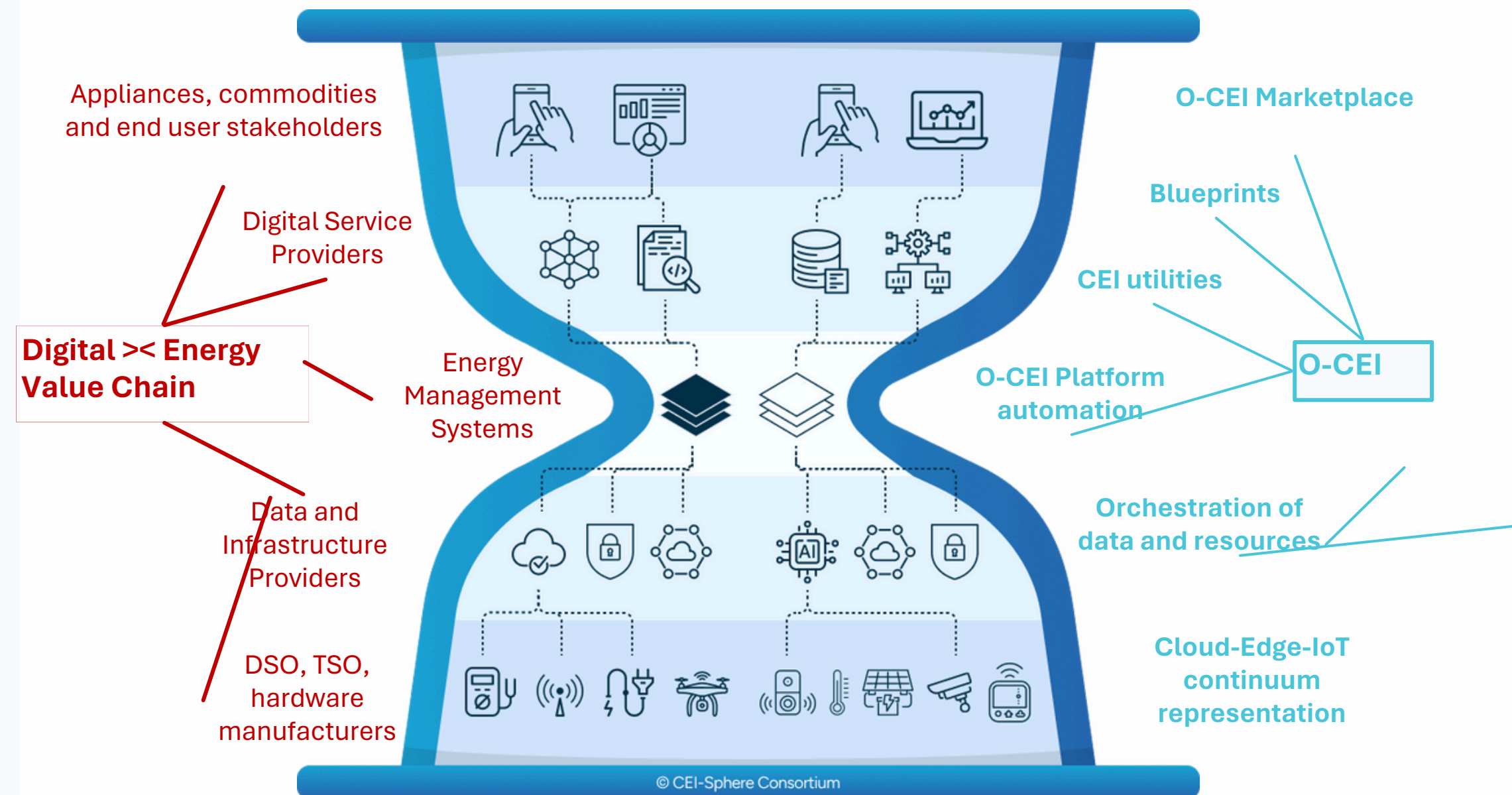
Facilitating uptake for other LSPs based on blueprints

06

Business model

Exploitation roadmap of flexible and efficient energy using edge computing

Hourglass Model in O-CEI's standardization



What

- O-CEI blueprints (and blueprint builder)
- CEI marketplace, interoperability, architecture
- Integration with other technologies (data spaces, Ai, digital twins, ...)
- Profiles combining CEI with other domains

How

- Monitoring, socialization, standard development (edition, co-edition, contribution)

Where

- JTC1 WG13, SC27, SC32, SC38, SC41, SC42
- ETSI OneM2M, SAREF (& SAREF4ENER), TC-Data
- ISO TC204 , IEC TC57, TC59, TC69
- IEC Syc Smart Energy
- ITU-T SG20
- ETAMI , IETF
- CEN-CENELEC JTC13, 21, 24, 25



S

FOR YOUR ATTENTION

The O-CEI Consortium

support@o-cei.eu

<https://o-cei.eu/>



Co-funded by
the European Union

Project funded by



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Federal Department of Economic Affairs,
Education and Research EAER
**State Secretariat for Education,
Research and Innovation SERI**



Website:

O-CEI.EU



LinkedIn:

O-CEI Horizon



Mastodon::

@O_CEI_Horizon



YouTube:

@o-cei



Email:

support@o-cei.eu

Hourglass Model (Understand the Ecosystem)

