



Digital Europe

Common European Energy Data Space Deployment Call

DIGITAL-2024-CLOUD-AI-06-ENERSPACE

The emerging Common European Energy Data Space - state of play and next steps
11 March 2024

Objectives

Deploy a reliable and secure common European data space for energy in alignment with the *European Strategy for Data* and the *EU Action Plan on digitalizing the energy system*.

Facilitate access to data for innovative energy services to improve grid balance, optimise the grid, enhance energy efficiency of the built environment, and integrate intermittent renewable energy sources.

Achieve the goals of 'Fit for 55' package and RePowerEU plan, promote sector integration, and create business opportunities.

Scope

First version of a common European energy data space (CEEDS) in at least 10 Member States taking into account the CEEDS blueprint and existing assets.

Identify and pilot **at least five use cases** (including at least two of the use cases from the DoEAP), addressing high-level priorities such as distributed energy resources, flexibility services for grids, and smart electric vehicle charging.

Use **common reference architecture, building blocks, open standards** (such as SAREF), and **minimum interoperability mechanisms**. Insure Intra-CEEDS and inter-data spaces interoperability.

Consider **existing European and national efforts** and ongoing **Horizon Europe projects**

Scope

Implement **infrastructures** based on replicable and scalable **building blocks** (e.g. data models, APIs, identity management, metadata and service discovery).

Establish a robust **governance system** overseeing the operations of the energy data space.

Work closely with the stakeholder **expert groups on smart energy** established by the European Commission.

Relevant stakeholders to implement this action are all entities which have an active role in managing energy system operations as well as data providers and users.

Outcomes, KPIs and targeted stakeholders

Deliverables: Technical infrastructure, deployed use cases, business models, governance system, biannual reports, guidance/training documents, and regular operational reports.

Key Performance Indicators (KPIs): Qualitative and quantitative metrics, benchmarking, (methodologies for) progress monitoring, and indicators for measuring final usage and impact of the deployment.

Targeted Stakeholders: Energy operators, technology providers, energy service providers, ICT companies and telcos, system integrators, authorities, EV stakeholders, building management stakeholders, and data management stakeholders.

Calls – Key Features

Timetable and deadlines (indicative)	
Call opening:	29 February 2024
<u>Deadline for submission:</u>	<u>29 May 2024 – 17:00:00 CEST</u> <u>(Brussels)</u>
Evaluation:	June-July 2024
Information on evaluation results:	July-August 2024
GA signature:	February 2025

Calls – Key Features

- Type of action: **Simple grant**

Simple Grants are a flexible type of action used by a large variety of topics and can cover most activities. The consortium will mostly use personnel costs to implement action tasks, activities with third parties (subcontracting, financial support, purchase) are possible but should be limited

- Maximum grant amount for each call: **8 mln EUR** per project

=> we expect one project to be funded

- Funding rate: **50%**

- Reimbursement certain types of eligible **costs** that were **actually incurred** for the project (not the budgeted costs).

=> see budget categories and cost eligibility rules in call text

- Project duration: **36 months**

- Consortium composition: minimum **3** independent **beneficiaries** from **3** different eligible **countries**

Common Requirements for data spaces



- Work in close partnership with the **Data Spaces Support Centre** ([DSSC](#)):
 - ensure alignment with the rest of the ecosystem of data spaces implemented with the support of Digital Europe Programme (data spaces reference architecture; common building blocks, toolboxes and standards; and data governance models)
- Use, in so far as possible and when available, the **smart cloud-to-edge middleware platform** [Simpl](#):
 - proof-of-concept released by summer 2024
 - Minimum Viable Platform released end 2024
- Work from the outset towards achieving **financial sustainability** by the conclusion of the project action
- active integration and **participation of data holders and users**
 - ensure that the data space is designed and structured to meet participant's needs
 - make the data space relevant and aim for high adoption rates and a strong sense of ownership of data holders and users by the end of the project's runtime

Eligibility Applicants

- Public or private legal entities (natural persons not eligible)
- Established in eligible countries (EU27, EEA, countries associated to Digital Europe
=> [list participating countries](#))
- Restricted call, application art.12(6) Digital Europe Regulation:
 - Entities must **not** be directly or indirectly **controlled from a country that is not an eligible country, unless** they comply with the requirements to **guarantee** the protection of the essential security interests of the Union and the Member States, and to ensure the protection of classified documents information as set out in the relevant work programme (conditions for foreign controlled entities – guarantees)

=> Participants* to submit a declaration to **determine the ownership and control status**
 - * Beneficiaries and affiliated entities, associated partners and subcontractors - except for entities that are validated as public bodies by the Central Validation Service
 - Project **activities** can only take place **in the eligible countries**

Thank you for your attention



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