

Data sharing to support the training and development of AI foundation models in the energy sector

Horizon Europe

CODICE	AMBITO
HORIZON-CL5-2026-11-D3-23	Internazionale
LOCALITÀ	STATO
Europa	In Attesa
PROGRAMMA	CURATO DA
Horizon Europe	Marlene Faria
GENERATO IL	
11 luglio 2026	

Dettagli Finanziari

TIPO DI SUPPORTO	TASSO MASSIMO DI FINANZIAMENTO
Fondo perduto	100%
BUDGET	
30M€	

Date e Scadenze

DATA DI PUBBLICAZIONE	DATA DI APERTURA
4 agosto 2026	4 agosto 2026

Fasi di Candidatura

- Fase unica: 1 dicembre 2026 alle ore 17:00

Obiettivi

Objectives

Projects are expected to enable effective and secure sharing and use of large energy datasets to support the development of advanced AI models. They should contribute to building open and interoperable AI foundation models that improve key energy system functions such as forecasting, grid management, renewable integration, and energy

Informazioni curate da Grantavia. Confermi sempre i dettagli finali nel regolamento ufficiale prima di preparare una candidatura.

efficiency. In addition, projects should enhance collaboration among energy stakeholders and ensure that data and AI solutions follow FAIR principles (findable, accessible, interoperable, reusable) beyond the project lifetime.

Scope

The action focuses on developing, training, and validating AI foundation models using large-scale and high-quality datasets for energy applications. Projects must demonstrate innovative data-sharing approaches, including secure and privacy-preserving solutions such as federated learning, data spaces, or synthetic data generation.

They are expected to build on existing European energy data initiatives and show clear access to relevant datasets from the start. Activities include designing scalable data governance frameworks, enabling interoperability between actors, and demonstrating AI applications in real energy use cases such as grid operation, demand forecasting, or flexibility management.

Projects should validate solutions through testing or pilot environments and deliver models and data strategies that remain usable, scalable, and operational after project completion.

Funding

This topic is an Innovation Action with a total budget of about €30 million, expected to fund a small number of large projects (around €10 million each). Funding can cover up to 100% of eligible costs through lump-sum grants.

Spese Ammissibili

- Personnel Costs
- Travel costs
- Equipment costs
- Other goods, works and services costs
- Subcontracting
- Indirect Costs

Idoneità

Settori Idonei

- Energia e Ambiente

Dimensioni Aziendali

- Microimpresa
- PMI
- Piccola impresa
- Media impresa
- Grande impresa
- Enti privati non profit
- Enti pubblici

Modalità di Candidatura

- Aggregata / Partenariato

Tipi di Azione

- Innovation Action

Dettagli Programma UE

ID BANDO

HORIZON-CL5-2026-11-D3-23

DESTINAZIONE

Destination 3 – Sustainable, secure and competitive energy supply

PROGETTI PREVISTI

3

CLUSTER

5 – Climate, Energy and Mobility

CONTRIBUTO UE

30000000

REGOLA DEL TASSO DI FINANZIAMENTO

Up to 70% for Innovation Actions (up to 100% for non-profit entities)

Link Ufficiali

Regolamento Ufficiale:

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORIZON-CL5-2026-11-D3-23?order=DESC&pageNumber=1&pageSize=50&sortBy=relevance&keywords=HORIZON-CL5-2026-11-D3-23&isExactMatch=true&status=31094501,31094502,31094503&programmePeriod=2021%20-%202027>

Pagina Grantavia: <https://grantavia.com/it/incentives/data-sharing-to-support-the-training-and-development-of-ai-foundation-models-in-the-energy-sector>

Prenota un incontro: <https://calendly.com/ines-carreira-fi-group/reuniao>