

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

Horizon Europe

CÓDIGO	ÂMBITO
HORIZON-CL5-2026-11-D3-23	Internacional
LOCALIZAÇÃO	ESTADO
Europa	Pendente
PROGRAMA	CURADORIA DE
Horizon Europe	Marlene Faria
GERADO EM	
27 de maio de 2026	

Detalhes Financeiros

TIPO DE APOIO

Fundo Perdido

DOTAÇÃO

30M€

TAXA MÁXIMA DE FINANCIAMENTO

100%

Datas e Prazos

DATA DE PUBLICAÇÃO

4 de agosto de 2026

DATA DE ABERTURA

4 de agosto de 2026

Fases de Candidatura

- Fase única: 1 de dezembro de 2026 às 17:00

Objetivos

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

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.

Despesas Elegíveis

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

Elegibilidade

Setores Elegíveis

- Energia & Ambiente

Dimensão das Empresas

- Micro
- PME
- Small Mid-Cap
- Mid-Cap
- Grande
- Entidades privadas sem fins lucrativos
- Entidades públicas

Modalidade de Candidatura

- Consórcio / Copromoção

Tipos de Ação

- Innovation Action

Detalhes do Programa UE

ID DA CHAMADA

HORIZON-CL5-2026-11-D3-23

DESTINO

Destination 3 – Sustainable, secure and competitive energy supply

PROJETOS ESPERADOS

3

CLUSTER

5 – Climate, Energy and Mobility

CONTRIBUIÇÃO UE

30000000

REGRA DE TAXA DE FINANCIAMENTO

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

Links Oficiais

Regulamento Oficial:

<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>

Página no Grantavia: <https://grantavia.com/pt/incentives/data-sharing-to-support-the-training-and-development-of-ai-foundation-models-in-the-energy-sector>

Agendar reunião: <https://calendly.com/ines-carreira-fi-group/reuniao>