

Energy efficiency and sustainability of AI data processing in Data Centres (IA)

Horizon Europe

CÓDIGO	HORIZON-CL4-2027-04-DATA-09	ÂMBITO	Internacional
LOCALIZAÇÃO	Europa	ESTADO	Pendente
PROGRAMA	Horizon Europe	CURADORIA DE	Marlene Faria
GERADO EM	19 de junho de 2026		

Detalhes Financeiros

TIPO DE APOIO

Fundo Perdido

DOTAÇÃO

39M€

TAXA MÁXIMA DE FINANCIAMENTO

100%

VALOR ELEGÍVEL DO PROJETO

Up to 10M€

Datas e Prazos

DATA DE PUBLICAÇÃO

Não definida

DATA DE ABERTURA

17 de novembro de 2026

Fases de Candidatura

- Fase única: 18 de março de 2027 às 16:00

Objetivos

Objectives

This Horizon Europe Innovation Action (IA) aims to improve the energy efficiency and sustainability of AI data processing in data centres, supporting both the EU's climate objectives and strategic digital autonomy. The call focuses on developing and demonstrating innovative technologies that reduce the energy and environmental footprint

of AI infrastructure while maintaining high-performance computing capabilities. Projects are expected to contribute to more sustainable, resilient and energy-efficient European data centres through advancements in cooling technologies, energy storage, workload optimisation and renewable energy integration.

Funding

The topic is funded as a Horizon Europe Innovation Action (IA) with an indicative budget of €39 million . The European Commission expects to fund approximately four projects , including three technology-focused projects and one project dedicated to establishing an open European pilot demonstration site. The call supports advanced-stage innovation activities aimed at accelerating industrial uptake and deployment of sustainable AI infrastructure technologies.

Despesas Elegíveis

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

Elegibilidade

Setores Elegíveis

- TIC & Software
- Outro

Dimensão das Empresas

- Micro
- PME
- Small Mid-Cap
- Mid-Cap
- Grande
- Entidades não empresariais do sistema de I&I (ENESII)
- Entidades privadas sem fins lucrativos
- Entidades públicas

Modalidade de Candidatura

- Consórcio / Copromoção

Tipos de Ação

- Technology Development
- Demonstration Actions
- Digital Solutions Deployment
- Innovation Action

Detalhes do Programa UE

ID DA CHAMADA

HORIZON-CL4-2027-04-DATA-09

CLUSTER

Digital, Industry and Space (Cluster 4)

DESTINO

D2. Developing an agile and secure single market and infrastructure for data services and trustworthy artificial intelligence services

MODO DE SUBMISSÃO

Single-stage

CONTRIBUIÇÃO UE

Around €10,000,000.00 per project

PROJETOS ESPERADOS

3

REGRA DE TAXA DE FINANCIAMENTO

Up to 100% for non-profit entities, up to 70% for private sector participants

Links Oficiais

Regulamento Oficial:

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORI->

Informação Grantavia. Confirme sempre os detalhes finais no regulamento oficial antes de preparar uma candidatura.

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ZON-CL4-2027-04-DATA-09&isExactMatch=true

Página no Grantavia: <https://grantavia.com/pt/incentives/energy-efficiency-and-sustainability-of-ai-data-processing-in-data-centres-ia>

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