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

Horizon Europe

PENDENTE

Código
HORIZON-CL4-2027-04-DATA-09

Âmbito
Internacional

Localização
Europa

Curadoria
Marlene Faria

DETALHES FINANCEIROS

Tipo de apoio
Fundo Perdido

Taxa Máxima de Financiamento
100%

Dotação
39M€

Valor Elegível do Projeto
Up to 10M€

DATAS E PRAZOS

Data de Publicação
Não definida

Data de Abertura
17 de novembro de 2026

Fase única
18 de março de 2027 às 17:00 GMT+1

DESCRIÇÃO

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

Modalidade de Candidatura
Consórcio / Copromoção

Setores Elegíveis

- TIC & Software
- Outro

Tipologia de Beneficiário

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

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/HORIZON-CL4-2027-04-DATA-09?order=DESC&pageNumber=1&pageSize=50&sortBy=relevance&keywords=HORIZON-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/filipa-silva-epsa/reuniao