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

Horizon Europe

IN ATTESA

Codice
HORIZON-CL4-2027-04-DATA-09

Ambito
Internazionale

Località
Europa

Curatore
Marlene Faria

DETTAGLI FINANZIARI

Tipo di supporto
Fondo perduto

Intensità Massima di Aiuto
100%

Budget
39M€

Valore di Progetto Ammissibile
Up to 10M€

DATE E SCADENZE

Data di Pubblicazione
Non definita

Data di Apertura
17 novembre 2026

Fase única
18 marzo 2027 alle ore 17:00 GMT+1

DESCRIZIONE

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.

SPESE AMMISSIBILI

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

IDONEITÀ

Modalità di Candidatura
Aggregata / Partenariato

Settori Idonei

- ICT e Software
- Altro

Tipologie Aziendali

- Microimpresa
- PMI
- Small Mid-Cap
- Mid-Cap
- Grande impresa
- Enti privati non profit
- Enti pubblici
- Enti di ricerca

Tipi di Azione

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

DETTAGLI PROGRAMMA UE

ID Bando
HORIZON-CL4-2027-04-DATA-09

Cluster
Digital, Industry and Space (Cluster 4)

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

Modalità di Presentazione
Single-stage

Contributo UE
Around €10,000,000.00 per project

Progetti Previsti
3

Regola dell'Intensità di Aiuto
Up to 100% for non-profit entities, up to 70% for private sector participants

LINK UFFICIALI

Regolamento Ufficiale
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

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