

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

Horizon Europe

CODICE	AMBITO
HORIZON-CL4-2027-04-DATA-09	Internazionale
LOCALITÀ	STATO
Europa	In Attesa
PROGRAMMA	CURATO DA
Horizon Europe	Marlene Faria
GENERATO IL	
19 giugno 2026	

## Dettagli Finanziari

TIPO DI SUPPORTO	TASSO MASSIMO DI FINANZIAMENTO
Contributo a Fondo Perduto	100%
BUDGET	VALORE DI PROGETTO AMMISSIBILE
39M€	Up to 10M€

## Date e Scadenze

DATA DI PUBBLICAZIONE	DATA DI APERTURA
Non definita	17 novembre 2026

## Fasi di Candidatura

- Fase unica: 18 marzo 2027 alle ore 16:00

## Obiettivi

### 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

### Settori Idonei

- ICT e Software
- Altro

### Dimensioni Aziendali

- Micro
- PMI
- Small Mid-Cap
- Mid-Cap
- Grande
- Enti non imprenditoriali del sistema R&I (ENESII)
- Enti privati non profit
- Enti pubblici

### Modalità di Candidatura

- Consorzio / Co-promozione

### Tipi di Azione

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

---

## Dettagli Programma UE

### ID BANDO

HORIZON-CL4-2027-04-DATA-09

### DESTINAZIONE

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

### CONTRIBUTO UE

Around €10,000,000.00 per project

### REGOLA DEL TASSO DI FINANZIAMENTO

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

### CLUSTER

Digital, Industry and Space (Cluster 4)

### MODALITÀ DI PRESENTAZIONE

Single-stage

### PROGETTI PREVISTI

3

---

## Link Ufficiali

Regolamento Ufficiale:

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

ZON-CL4-2027-04-DATA-09?order=DESC&pageNumber=1&pageSize=50&sortBy=relevance&keywords=HORI-  
ZON-CL4-2027-04-DATA-09&isExactMatch=true

Pagina Grantavia: <https://grantavia.com/it/incentives/energy-efficiency-and-sustainability-of-ai-data-processing-in-data-centres-ia>

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