

New approaches for decentralized, federated and sustainable AI data processing (RIA)

Horizon Europe

● IN ATTESA

Codice

HORIZON-CL4-2027-04-DATA-03

Ambito

Internazionale

Località

Europa

Curatore

Marlene Faria

DETTAGLI FINANZIARI

Tipo di supporto

Fondo perduto

Tasso Massimo di Finanziamento

100%

Budget

35M€

Valore di Progetto Ammissibile

Up to 17.5M€

DATE E SCADENZE

Data di Pubblicazione

Non definita

Data di Apertura

17 novembre 2026

Phase 1

18 marzo 2027 alle ore 17:00 GMT+1

DESCRIZIONE

Objectives

The main objective of this incentive is to develop new approaches, tools, and techniques that address current limitations in centralised AI compute systems, such as restrictions in AI chip types, data quality, energy availability, and security. This measure targets legal entities in EU Member States and associated countries, aiming to offer decentralised and sustainable AI compute models that can leverage diverse hardware processing architectures across multiple infrastructures. Applicants must showcase technological advancements, focusing on distributed, decentralised, and federated AI architectures that surpass federated learning and scale across various computing environments through the whole AI model lifecycle.

Funding

The total budget for this call is 35,000,000 EUR, with an expected EU contribution of around 17,500,000 EUR per project and an indicative number of two projects to be funded. The call applies the Horizon

Europe Research and Innovation Action (RIA) funding rate of up to 100% for eligible costs, in accordance with Horizon Europe general rules. Minimum and maximum project values are not specifically set, but the expected contribution per project serves as strong guidance for applicants.

SPESE AMMISSIBILI

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

IDONEITÀ

Modalità di Candidatura

Aggregata / Partenariato

Settori Idonei

- Industria
- Energia e Ambiente
- ICT e Software
- Salute e Life Sciences
- Mobilità e Trasporti
- Altro

Tipologie Aziendali

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

Tipi di Azione

- Applied research
- Experimental development
- AI architecture demonstration
- Cloud-edge-HPC integration
- Sustainable data processing

- Energy efficiency innovation
- Research and Innovation Action

DETTAGLI PROGRAMMA UE

ID Bando

HORIZON-CL4-2027-04-DATA-03

Cluster

Cluster 4: Digital, Industry and Space

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 17 500 000 EUR per project

Progetti Previsti

2

Regola del Tasso di Finanziamento

Up to 100% of eligible costs for Research and Innovation Actions (RIA)

LINK UFFICIALI

Regolamento Ufficiale

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORIZON-CL4-2027-04-DATA-03?order=DESC&pageNumber=1&pageSize=50&sortBy=relevance&keywords=HORIZON-CL4-2027-04-DATA-03&isExactMatch=true&status=31094501,31094502,31094503>

Pagina Grantavia

<https://grantavia.com/it/incentives/new-approaches-for-decentralized-federated-and-sustainable-ai-data-processing-ria>

Prenota un incontro

<https://bookings.cloud.microsoft/book/Prenotaunappuntamento@epsa.com/?ismsaljsauthenabled>