

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

Horizon Europe

● PENDENTE

Código

HORIZON-CL4-2027-04-DATA-03

Âmbito

Internacional

Localização

Europa

Curadoria

Marlene Faria

DETALHES FINANCEIROS

Tipo de apoio

Fundo Perdido

Taxa Máxima de Financiamento

100%

Dotação

35M€

Valor Elegível do Projeto

Up to 17.5M€

DATAS E PRAZOS

Data de Publicação

Não definida

Data de Abertura

17 de novembro de 2026

Phase 1

18 de março de 2027 às 17:00 GMT+1

DESCRIÇÃO

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.

DESPESAS ELEGÍVEIS

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

ELEGIBILIDADE

Modalidade de Candidatura
Consórcio / Copromoção

Setores Elegíveis

- Indústria
- Energia & Ambiente
- TIC & Software
- Saúde & Ciências da Vida
- Mobilidade & Transportes
- Outro

Tipologia das Empresas

- Micro
- PME
- Small Mid-Cap
- Mid-Cap
- Grande
- Entidades privadas sem fins lucrativos
- Entidades públicas

Tipos de Ação

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

- Energy efficiency innovation
- Research and Innovation Action

DETALHES DO PROGRAMA UE

ID da Chamada

HORIZON-CL4-2027-04-DATA-03

Cluster

Cluster 4: Digital, Industry and Space

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 17 500 000 EUR per project

Projetos Esperados

2

Regra de Taxa de Financiamento

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

LINKS OFICIAIS

Regulamento Oficial

<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>

Página no Grantavia

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

Agendar reunião

<https://calendly.com/sandra-cardoso-epsa/reuniao>