Large-Scale piloting of next-generation AI-driven digital platforms for a more affordable, secure and sustainable European energy system (IA) - Apply AI

Horizon Europe

ABERTO

Código
HORIZON-BRIDGING-2027-01-12

Âmbito
Internacional - Europa

Curadoria
Marlene Faria

DETALHES FINANCEIROS

Tipo de apoio
Fundo Perdido

Taxa Máxima de Financiamento
100%

Dotação
15M€

Valor Elegível do Projeto
Up to 15M€

Bónus e Majorações

- Involvement of at least 6 energy actors and 8 digital technology providers
- Participation of at least 4 mobility actors and 20 energy communities
- Geographic variability across at least 6 Member States or Associated Countries
- Use of open-source-based components to foster technological sovereignty

The call provides a single non-refundable grant of up to 15.000.000 EUR for one project. The total budget for the topic is 15.000.000 EUR. The funding covers eligible costs as defined in the Horizon Europe rules for Innovation Actions.

DATAS E PRAZOS

Data de Abertura
20 de outubro de 2026

Deadline
16 de fevereiro de 2027 às 17:00 (104 dias restantes)

OBJETIVOS

This call aims to strengthen Europe’s technological leadership and sovereignty in the energy sector by supporting the large-scale piloting of next-generation AI-driven digital platforms for a more affordable, secure, and sustainable European energy system. The objective is to demonstrate that AI-enabled digital platforms can enable real-time coordination of distributed energy resources and cross-border flexibility services, improving grid utilisation, increasing renewable energy integration, and reducing system costs and emissions. The call is open to consortia involving energy operators, technology providers, public authorities, end users, research organisations, and other relevant stakeholders. Participation is limited to legal entities established in EU Member States, Iceland, Norway, and associated countries, with additional restrictions to avoid technological dependency on non-EU sources.

DESPESAS ELEGÍVEIS

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

ELEGIBILIDADE

Modalidade de Candidatura
Consórcio / Copromoção

Tipologia de Beneficiário

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

Tipos de Ação

- Large-scale piloting of AI-driven digital platforms for energy systems
- Operational pilots in at least six countries
- Integration of energy, digital, and mobility sectors
- Development and validation of cross-border digital infrastructures
- Implementation of open APIs and interoperability standards

- Participation in BRIDGE collaborative initiative
- Preparatory and structuring activities for deployment
- Market adoption and scaling of digital solutions
- Integration of research results into real-world pilots

DETALHES DO PROGRAMA UE

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HORIZON-BRIDGING-2027-01-12

Cluster
Horizontal Activities

Destino
Bridging Actions

Modo de Submissão
single-stage

Contribuição UE
€15,000,000.00

Projetos Esperados
1

Regra de Taxa de Financiamento
Up to 70% of eligible costs for Innovation Actions (IA); up to 100% for non-profit legal entities

LINKS OFICIAIS

Regulamento Oficial
https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORIZON-BRIDGING-2027-01-12

Página no Grantavia
https://grantavia.com/pt/incentives/large-scale-piloting-of-next-generation-ai-driven-digital-platforms-for-a-more-affordable-secure-and-sustainable-european-energy-system-ia-apply-ai

Agendar reunião
https://calendly.com/filipa-silva-epsa/reuniao