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

APERTO

Codice
HORIZON-BRIDGING-2027-01-12

Ambito
Internazionale - Europa

Curatore
Marlene Faria

DETTAGLI FINANZIARI

Tipo di supporto
Fondo perduto

Intensità Massima di Aiuto
100%

Budget
15M€

Valore di Progetto Ammissibile
Up to 15M€

Bonus e Maggiorazioni

- 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.

DATE E SCADENZE

Data di Apertura
20 ottobre 2026

Deadline
16 febbraio 2027 alle ore 17:00 (104 giorni rimanenti)

OBIETTIVI

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.

SPESE AMMISSIBILI

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

IDONEITÀ

Modalità di Candidatura
Aggregata / Partenariato

Tipologie Aziendali

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

Tipi di Azione

- 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

DETTAGLI PROGRAMMA UE

ID Bando
HORIZON-BRIDGING-2027-01-12

Cluster
Horizontal Activities

Destinazione
Bridging Actions

Modalità di Presentazione
single-stage

Contributo UE
€15,000,000.00

Progetti Previsti
1

Regola dell'Intensità di Aiuto
Up to 70% of eligible costs for Innovation Actions (IA); up to 100% for non-profit legal entities

LINK UFFICIALI

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

Pagina Grantavia
https://grantavia.com/it/incentives/large-scale-piloting-of-next-generation-ai-driven-digital-platforms-for-a-more-affordable-secure-and-sustainable-european-energy-system-ia-apply-ai

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