

Efficient energy input from renewable sources and energy management in the process industries (IA) (Processes4Planet and Innovative Advanced Materials for the EU partnerships)

Horizon Europe

● IN ATTESA

Codice	Ambito
HORIZON-CL4-2027-02-MAT-PROD-32-two-stage	Internazionale
Località	Curatore
Europa	Marlene Faria

DETTAGLI FINANZIARI

Tipo di supporto	Tasso Massimo di Finanziamento
Fondo perduto	100%
Budget	Valore di Progetto Ammissibile
52.5M€	7M€ - 9M€

DATE E SCADENZE

Data di Pubblicazione	Data di Apertura
Non definita	13 ottobre 2027
Fase 1	Fase 2
2 febbraio 2027 alle ore 17:00 GMT+1	2 settembre 2027 alle ore 17:00 GMT+2

DESCRIZIONE

Objectives

This topic aims to accelerate the decarbonisation of energy-intensive process industries by supporting the large-scale deployment and demonstration of innovative solutions enabling the efficient integration of renewable energy sources into industrial processes. Contributing to the objectives of the Green Deal Industrial Plan, the Processes4Planet Partnership and the EU's climate neutrality ambitions, the action seeks to reduce greenhouse gas emissions, improve energy efficiency and strengthen industrial competitiveness.

Projects are expected to demonstrate innovative technologies and systemic approaches that increase the flexibility, resilience and sustainability of industrial energy systems, while facilitating the transition away from fossil fuels. Particular emphasis is placed on the integration of renewable electricity, renewable fuels and innovative energy management solutions within industrial environments.

Funding

Funding is provided under a Horizon Europe Innovation Action (IA) within the Cluster 4 – Digital, Industry and Space programme. The topic has an indicative budget of €52.5 million, with the European Commission expecting to fund six projects. The expected EU contribution ranges between €7 million and €9 million per project, although proposals requesting different amounts may be considered where appropriately justified.

The topic follows a two-stage submission procedure, with a first-stage deadline of 2 February 2027 and a full proposal deadline of 2 September 2027.

As a Horizon Europe Innovation Action, the funding rate is generally up to 70% of eligible costs for for-profit entities and up to 100% for non-profit organisations, in accordance with Horizon Europe funding rules.

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SPESE AMMISSIBILI

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

BONUS E MAGGIORAZIONI

- Market readiness
- Integration of sustainability and circularity
- Contribution to strategic EU policies

IDONEITÀ

Modalità di Candidatura

Aggregata / Partenariato

Settori Idonei

- Industria
- Energia e Ambiente
- Salute e Life Sciences

Tipologie Aziendali

- PMI
- Mid-Cap
- Grande impresa
- Enti di ricerca
- Enti privati non profit
- Enti pubblici

Tipi di Azione

- Innovation Action
- Industrial Demonstration
- Technology Deployment
- Circular Economy Solutions
- Development of Advanced Materials

DETTAGLI PROGRAMMA UE

ID Bando	Cluster
HORIZON-CL4-2027-02-MAT-PROD-32-two-stage	4 - Digital, Industry and Space
Destinazione	Modalità di Presentazione
D1. Leadership in materials and production for Europe	Two-stage
Contributo UE	Progetti Previsti
Around €7.000,000.00 and €9.000,000.00 per project	6
Regola del Tasso di Finanziamento	
Up to 70% for Innovation Actions (up to 100% for non-profit entities only)	

LINK UFFICIALI

Regolamento Ufficiale

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORIZON-CL4-2027-02-MAT-PROD-32-two-stage?order=DESC&pageNumber=1&pageSize=50&sortBy=startDate&keywords=HORIZON-CL4-2027-02-MAT-PROD-32-two-stage&isExactMatch=true&status=31094501,31094502,31094503>

Pagina Grantavia

<https://grantavia.com/it/incentives/efficient-energy-input-from-renewable-sources-and-energy-management-in-the-process-industries-ia-processes4planet-and-innovative-advanced-materials-for-the-eu-partnerships>

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