

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

● PENDENTE

Código

HORIZON-CL4-2027-02-MAT-PROD-32-two-stage Internacional

Âmbito

Localização

Europa

Curadoria

Marlene Faria

DETALHES FINANCEIROS

Tipo de apoio

Fundo Perdido

Taxa Máxima de Financiamento

100%

Dotação

52.5M€

Valor Elegível do Projeto

7M€ - 9M€

DATAS E PRAZOS

Data de Publicação

Não definida

Data de Abertura

13 de outubro de 2027

Fase 1

2 de fevereiro de 2027 às 17:00 GMT+1

Fase 2

2 de setembro de 2027 às 17:00 GMT+2

DESCRIÇÃO

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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DESPESAS ELEGÍVEIS

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

BÓNUS E MAJORAÇÕES

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

ELEGIBILIDADE

Modalidade de Candidatura
Consórcio / Copromoção

Setores Elegíveis

- Indústria
- Energia & Ambiente
- Saúde & Ciências da Vida

Tipologia das Empresas

- PME
- Mid-Cap
- Grande
- Entidades não empresariais do sistema de I&I (ENESII)
- Entidades privadas sem fins lucrativos
- Entidades públicas

Tipos de Ação

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

DETALHES DO PROGRAMA UE

ID da Chamada	Cluster
HORIZON-CL4-2027-02-MAT-PROD-32-two-stage	4 - Digital, Industry and Space
Destino	Modo de Submissão
D1. Leadership in materials and production for Europe	Two-stage
Contribuição UE	Projetos Esperados
Around €7.000,000.00 and €9.000,000.00 per project	6
Regra de Taxa de Financiamento	
Up to 70% for Innovation Actions (up to 100% for non-profit entities only)	

LINKS OFICIAIS

Regulamento Oficial

<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>

Página no Grantavia

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

Agendar reunião

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