

Efficient energy input from renewable sources and energy management in the process industries

Horizon Europe

CODE	SCOPE
HORIZON-CL4-2027-02-MAT-PROD-32-two-stage	International
LOCATION	STATUS
Europe	Pending
PROGRAM	CURATED BY
Horizon Europe	Marlene Faria
GENERATED AT	
June 19, 2026	

Financial Details

SUPPORT TYPE	MAXIMUM FUNDING RATE
Non-Refundable	100%
BUDGET	ELIGIBLE PROJECT VALUE
52.5M€	Up to 9M€

Dates & Deadlines

PUBLICATION DATE

June 15, 2026

OPENING DATE

September 22, 2026

Application Phases

- Fase 1: February 2, 2027 at 04:00 PM
- Fase 2: September 2, 2027 at 03:00 PM

Objectives

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This Horizon Europe Innovation Action (IA) , implemented under the Processes4Planet and Innovative Advanced Materials for the EU (IAM4EU) partnerships, aims to accelerate the decarbonisation of Europe's process industries through the integration of renewable energy sources, energy-efficient technologies, advanced materials and intelligent energy management systems. The call seeks to reduce greenhouse gas (GHG) emissions from industrial processes by at least 20% , while improving energy efficiency, increasing the use of renewable energy, and enhancing industrial resilience against energy supply fluctuations.

Funding

The topic is funded as a Horizon Europe Innovation Action (IA) under a two-stage submission process . The total indicative budget is €52.5 million , supporting large-scale industrial innovation and demonstration projects. Funding is provided through the Horizon Europe lump-sum model and is intended for multidisciplinary consortia capable of delivering substantial industrial decarbonisation impacts.

Eligible Expenses

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

Eligibility

Eligible Sectors

- Energy & Environment
- ICT & Software

Company Sizes

- Micro
- Sme
- Small Mid-Cap

- Mid-Cap
- Large
- Private non-profit entities
- Public entities

Application Mode

- Consortium / Copromotion

Action Types

- Innovation action

EU Programme Details

CALL ID	CLUSTER
HORIZON-CL4-2027-02-MAT-PROD-32-two-stage	Digital, Industry and Space (Cluster 4)
DESTINATION	SUBMISSION MODE
D1. Leadership in materials and production for Europe	Two-stage
EU CONTRIBUTION	EXPECTED PROJECTS
Around €7,000,000.00 to €9,000,000.00 per project	6
FUNDING RATE RULE	
Up to 70% for Innovation Actions (up to 100% for non-profit entities only)	

Official Links

Official Regulation:

<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>

Grantavia page: <https://grantavia.com/en/incentives/efficient-energy-input-from-renewable-sources-and-energy-management-in-the-process-industries>

Schedule a meeting: <https://calendly.com/ines-carreira-fi-group/reuniao>