Technologies for innovative processing of raw materials

Horizon Europe

OPEN

Code
HORIZON-CL4-2027-01-MAT-PROD-16

Scope
International

Location
Europe

Curator
Marlene Faria

FINANCIAL DETAILS

Support type
Non-Refundable

Maximum Funding Rate
100%

Budget
49M€

Eligible Project Value
Up to 12.5M€

Maximum Duration
48 months

DATES & DEADLINES

Publication Date
June 15, 2026

Opening Date
September 22, 2026

Fase única
February 2, 2027 at 05:00 PM GMT+1 (94 days left)

DESCRIPTION

Objectives

This Horizon Europe Innovation Action (IA) aims to develop and demonstrate innovative processing and refining technologies that improve the recovery of valuable and critical raw materials from low-grade ores, complex mineral resources, and extractive waste streams. The call seeks to strengthen Europe's strategic autonomy in raw materials while improving resource efficiency, reducing environmental impacts, and enhancing the sustainability and competitiveness of the mining and metallurgical industries. Projects are expected to contribute to higher recovery rates, lower energy and water consumption, reduced pollution, and improved management of critical raw materials.

Funding

The topic is funded as a Horizon Europe Innovation Action (IA) with an indicative budget of approximately €49 million . The European Commission expects to support around four projects , with indicative EU contributions ranging from €10 million to €12.5 million per project . Projects should be driven by industrial stakeholders and include a clear exploitation and deployment strategy for market uptake.

ELIGIBLE EXPENSES

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

ELIGIBILITY

Application Mode
Consortium / Copromotion

Action Types
Innovation Action

Eligible Sectors

- Industry
- Energy & Environment

Company Typologies

- Micro
- SME
- Small Mid-Cap
- Mid-Cap
- Large
- Private non-profit entities
- Public entities

EU PROGRAMME DETAILS

Call ID
HORIZON-CL4-2027-01-MAT-PROD-16

Cluster
Digital, Industry and Space (Cluster 4)

Destination
D1. Leadership in materials and production for Europe

Submission Mode
Single-stage

EU Contribution
Around €10,000,000.00 to €12,500,000.00 per project

Expected Projects
4

Funding Rate Rule
Up to 100% funding for research activities; up to 70% for some innovation actions involving for-profit organizations. Detailed breakdown according to Horizon Europe rules.

OFFICIAL LINKS

Official Regulation
https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORIZON-CL4-2027-01-MAT-PROD-16?order=DESC&pageNumber=1&pageSize=50&sortBy=startDate&keywords=HORIZON-CL4-2027-01-MAT-PROD-16&isExactMatch=true&status=31094501,31094502,31094503

Grantavia page
https://grantavia.com/en/incentives/technologies-for-innovative-processing-of-raw-materials

Schedule a meeting
https://calendly.com/filipa-silva-epsa/reuniao