Innovative advanced materials and new production processes – reducing dependencies on Critical and Strategic Raw Materials

Horizon Europe

OPEN

Code
HORIZON-CL4-2027-01-MAT-PROD-22

Scope
International

Location
Europe

Curator
Marlene Faria

FINANCIAL DETAILS

Support type
Non-Refundable

Maximum Funding Rate
100%

Budget
36M€

DATES & DEADLINES

Publication Date
Not defined

Opening Date
September 22, 2026

Fase única
February 2, 2027 at 05:00 PM GMT+1 (93 days left)

DESCRIPTION

Objectives

This Horizon Europe Innovation Action aims to reduce Europe's dependence on Critical and Strategic Raw Materials (CRM/SRM) through the development of innovative advanced materials and more resource-efficient production processes. Projects are expected to contribute to the partial or complete substitution of critical raw materials, strengthen supply chain resilience, enhance industrial competitiveness, and support a clean, sustainable and autonomous European economy. The call also promotes the integration of the Safe and Sustainable by Design (SSbD) framework throughout the innovation cycle.

Funding

The topic is funded as a Horizon Europe Innovation Action (IA) with a total indicative budget of €36 million . The European Commission expects to fund approximately six projects, with an indicative EU contribution of around €6 million per project . Funding conditions follow the Horizon Europe rules applicable to Innovation Actions.

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-22

Cluster
Digital, Industry and Space (Cluster 4)

Destination
D1. Leadership in materials and production for Europe

Submission Mode
Single-stage

EU Contribution
Around €6,000,000.00 to €8,000,000.00 per project

Expected Projects
6

Funding Rate Rule
Funding rates follow Horizon Europe rules; typically 100% for non-profit entities and up to 70% for others. The highest applicable rate is 100%.

OFFICIAL LINKS

Official Regulation
https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORIZON-CL4-2027-01-MAT-PROD-22?order=DESC&pageNumber=1&pageSize=50&sortBy=startDate&keywords=HORIZON-CL4-2027-01-MAT-PROD-22&isExactMatch=true&status=31094501,31094502,31094503

Grantavia page
https://grantavia.com/en/incentives/horizon-cl4-2027-01-mat-prod-22

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