R&I in Support of the Clean Industrial Deal: Decarbonisation of energy intensive industries (IA) (Processes4Planet and Clean Steel partnerships)

Horizon Europe

PENDING

Code
HORIZON-CID-2027-01-01

Scope
International - Europe

Curator
Marlene Faria

FINANCIAL DETAILS

Support type
Non-Refundable

Maximum Funding Rate
100%

Budget
125M€

Eligible Project Value
Up to 25M€

Bonuses & Majorations

- Participation of SMEs is encouraged
- Balanced portfolio covering all three technology areas (CCU/CCUS, clean energy, circularity)
- Synergies with other EU-funded projects and partnerships
- Proposals must include a go/no-go moment before demonstration phase

The support is provided as a non-refundable grant under Horizon Innovation Actions. The EU contribution per project ranges from 15.000.000 to 25.000.000 EUR, with a total topic budget of 125.000.000 EUR and an expected eight grants to be awarded. Funding covers eligible costs as defined in the Horizon Europe rules, with specific financial and operational capacity requirements.

DATES & DEADLINES

Opening Date
January 12, 2027

Deadline
September 15, 2027 at 05:00 PM

OBJECTIVES

This call aims to accelerate the decarbonisation of energy-intensive industries in the EU, supporting the Clean Industrial Deal's ambition to make Europe a leader in clean, competitive, and sustainable industrial production. The focus is on deploying innovative technologies that reduce greenhouse gas emissions, enhance resource efficiency, and bring clean products to market. The call targets consortia led by industry, with a preference for manageable, justified consortium sizes and encourages SME participation. Eligible applicants include legal entities from EU Member States and Associated Countries, with restrictions on entities controlled by China. The call is open to projects that demonstrate industrial leadership and a credible pathway to market deployment, including a robust business plan and exploitation strategy.

ELIGIBLE EXPENSES

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

ELIGIBILITY

Application Mode
Consortium / Copromotion

Company Typologies

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

Action Types

- Demonstration of innovative decarbonisation technologies for energy intensive industries
- Development and optimisation of carbon capture, utilisation and storage (CCU/CCUS) solutions
- Integration of clean energy carriers and electrification in industrial processes
- Implementation of circularity and resource efficiency solutions in production
- Creation of first-of-a-kind operational demonstrators
- Preparation of business plans and market-readiness strategies

- Techno-economic assessment and engineering plans for industrial deployment
- Reduction of harmful pollutants and biodiversity impact in industrial processes
- Collaboration with EU partnerships (Processes4Planet, Clean Steel)
- Use of advanced, safe and sustainable materials and processes
- Market-tested use cases for clean products
- Comprehensive analysis of barriers to market deployment
- Innovation Action

EU PROGRAMME DETAILS

Call ID
HORIZON-CID-2027-01-01

Cluster
Horizontal Activities

Destination
Clean Industrial Deal

Submission Mode
single-stage

EU Contribution
€15,000,000.00 to €25,000,000.00 per project

Expected Projects
8

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-CID-2027-01-01

Grantavia page
https://grantavia.com/en/incentives/ri-in-support-of-the-clean-industrial-deal-decarbonisation-of-energy-intensive-industries-ia-processes4planet-and-clean-steel-partnerships

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