Biotechnology application for CCU

Horizon Europe

PENDING

Code
HORIZON-CL6-2027-01-CIRCBIO-08

Scope
International

Location
Europe

Curator
Marlene Faria

FINANCIAL DETAILS

Support type
Non-Refundable

Maximum Funding Rate
100%

Budget
12M€

Eligible Project Value
Up to 6M€

DATES & DEADLINES

Publication Date
December 12, 2025

Opening Date
April 20, 2027

Deadline
September 22, 2027 at 05:00 PM GMT+2

DESCRIPTION

Objectives

This call aims to support the development and scale-up of innovative life sciences and biotechnology solutions for the purification and conversion of gaseous carbon into sustainable feedstock for industrial processes, promoting circularity and climate neutrality. The focus is on enabling advanced industries to contribute to the EU's climate-neutrality objectives by using non-virgin-fossil carbon sources, such as sustainably sourced biomass, gaseous carbon, and waste. The call is aligned with the EU Carbon Removals and Carbon Farming Certification Regulation, the Clean Industrial Deal, and the Strategy for European Life Sciences and the Biotech Act. It also supports the EU Startup and Scaleup Strategy and the EU strategy on research and technology infrastructure. Eligible applicants include consortia of legal entities established in EU Member States or Associated Countries, with restrictions on participation for entities established in or controlled by China.

Funding

The support is provided as a non-refundable grant under the Horizon Europe Innovation Actions (IA) scheme. The funding rate is up to 70% of eligible costs for most participants, and up to 100% for non-profit legal entities. The total budget for the topic is €12 million, with an expected two grants of €6 million. Funding is provided as a lump sum, simplifying cost reporting and administration.

ELIGIBLE EXPENSES

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

BONUSES & MAJORATIONS

- International cooperation is encouraged
- Synergies with Cluster 5 and CBE Joint Undertaking encouraged
- Non-profit legal entities may receive up to 100% funding rate

ELIGIBILITY

Application Mode
Consortium / Copromotion

Eligible Sectors

- Industry
- Energy & Environment
- Health & Life Sciences
- Other

Company Typologies

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

Action Types

- Review R&I progress in life sciences-based CCU technologies
- Develop and test innovative life sciences-based CCU technologies
- Assess environmental, social, and economic viability of technologies
- Demonstrate most sustainable technology(ies)
- Evaluate and disseminate replication potential
- Assess feasibility of spin-off creation
- International cooperation in R&I and replication evaluation
- Synergies with Cluster 5 and CBE Joint Undertaking
- Innovation Action

EU PROGRAMME DETAILS

Call ID
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Cluster
Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment

Destination
D3. Circular economy and biobased sectors

Submission Mode
single-stage

EU Contribution
€6,000,000.00 per project

Expected Projects
2

Funding Rate Rule
Up to 70% of eligible costs for Innovation Actions (IA); up to 100% for non-profit legal entities

OFFICIAL LINKS

Official Regulation
https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORIZON-CL6-2027-01-CIRCBIO-08

Grantavia page
https://grantavia.com/en/incentives/biotechnology-application-for-ccu

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