

Advancements in Direct Air Capture

Horizon Europe

CÓDIGO	ÂMBITO
HORIZON-CL5-2027-02-D3-30	Internacional
LOCALIZAÇÃO	ESTADO
Europa	Pendente
PROGRAMA	CURADORIA DE
Horizon Europe	Marlene Faria
GERADO EM	
25 de setembro de 2026	

Detalhes Financeiros

TIPO DE APOIO	TAXA MÁXIMA DE FINANCIAMENTO
Fundo Perdido	100%
DOTAÇÃO	VALOR ELEGÍVEL DO PROJETO
16M€	Up to 8M€

Datas e Prazos

DATA DE PUBLICAÇÃO	DATA DE ABERTURA
25 de setembro de 2026	3 de dezembro de 2026

Fases de Candidatura

- Phase 1: 31 de março de 2027 às 15:00

Objetivos

Objectives

This call aims to accelerate the commercial availability of Direct Air Capture (DAC) technologies by supporting projects that will scale existing technical solutions to at least pilot demonstration level (TRL 7 or higher) in relevant environments. The main objective is to foster improvements in cost efficiency, material performance, process design, and validation, enabling significant progress toward sustainable, secure, and competitive European energy supply.

Eligible entities are consortia consisting of legal entities from eligible countries, typically including energy producers, technology providers, research institutions, and other relevant stakeholders willing to drive DAC technologies closer to commercial deployment. Projects are encouraged to conduct comprehensive life cycle assessments (LCA) covering environmental impacts from material extraction, energy use, and emissions to end-of-life, and to consider international cooperation with countries participating in the Mission Innovation Carbon Dioxide Removal initiative.

Funding

This call provides lump sum grants under the Horizon Europe framework. The overall budget for HORIZON-CL5-2027-02-D3-30 is €16,000,000, with an expected EU contribution of about €8,000,000 per funded project and two grants planned. The maximum funding rate is typically 70% of eligible costs for for-profit entities and up to 100% for certain non-profit and public law organizations, as defined in the Horizon Europe General Annexes. Lump sum grants streamline financial management and reporting by establishing fixed grant amounts at the proposal stage. There are no published minimum or maximum project investment values beyond the indicated EU contribution expectations.

Despesas Elegíveis

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

Elegibilidade

Setores Elegíveis

- Indústria
- Energia & Ambiente

Tipologia das Empresas

- Micro
- PME
- Small Mid-Cap
- Mid-Cap
- Grande
- Entidades privadas sem fins lucrativos
- Entidades públicas

Modalidade de Candidatura

- Consórcio / Copromoção

Tipos de Ação

- Pilot demonstration of direct air capture technologies
- Material and process innovation for CO2 capture
- Flexible energy supply integration

- Life cycle assessment
- Scale-up and manufacturing process improvement
- Environmental impact evaluation
- Innovation Action

Detalhes do Programa UE

ID DA CHAMADA

HORIZON-CL5-2027-02-D3-30

CLUSTER

Cluster 5: Climate, Energy and Mobility

DESTINO

Destination 3 : Sustainable, secure and competitive energy supply

MODO DE SUBMISSÃO

Single-stage

CONTRIBUIÇÃO UE

around 8 000 000 EUR

PROJETOS ESPERADOS

2

REGRA DE TAXA DE FINANCIAMENTO

Up to 70% for Innovation Actions (up to 100% for non-profit entities only)

Links Oficiais

Regulamento Oficial:

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORIZON-CL5-2027-02-D3-30?order=DESC&pageNumber=1&pageSize=50&sortBy=relevance&keywords=HORIZON-CL5-2027-02-D3-30&isExactMatch=true&status=31094501,31094502,31094503>

Página no Grantavia: <https://grantavia.com/pt/incentives/advancements-in-direct-air-capture>

Agendar reunião: <https://calendly.com/sandra-cardoso-epsa/reuniao>