

Advancements in Direct Air Capture

Horizon Europe

CODICE	AMBITO
HORIZON-CL5-2027-02-D3-30	Internazionale
LOCALITÀ	STATO
Europa	In Attesa
PROGRAMMA	CURATO DA
Horizon Europe	Marlene Faria
GENERATO IL	
25 settembre 2026	

Dettagli Finanziari

TIPO DI SUPPORTO	TASSO MASSIMO DI FINANZIAMENTO
Fondo perduto	100%
BUDGET	VALORE DI PROGETTO AMMISSIBILE
16M€	Up to 8M€

Date e Scadenze

DATA DI PUBBLICAZIONE	DATA DI APERTURA
25 settembre 2026	3 dicembre 2026

Fasi di Candidatura

- Phase 1: 31 marzo 2027 alle ore 15:00

Obiettivi

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.

Spese Ammissibili

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

Idoneità

Settori Idonei

- Industria
- Energia e Ambiente

Tipologie Aziendali

- Microimpresa
- PMI
- Small Mid-Cap
- Mid-Cap
- Grande impresa
- Enti privati non profit
- Enti pubblici

Modalità di Candidatura

- Aggregata / Partenariato

Tipi di Azione

- 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

Dettagli Programma UE

ID BANDO

HORIZON-CL5-2027-02-D3-30

CLUSTER

Cluster 5: Climate, Energy and Mobility

DESTINAZIONE

Destination 3 : Sustainable, secure and competitive energy supply

MODALITÀ DI PRESENTAZIONE

Single-stage

CONTRIBUTO UE

around 8 000 000 EUR

PROGETTI PREVISTI

2

REGOLA DEL TASSO DI FINANZIAMENTO

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

Link Ufficiali

Regolamento Ufficiale:

<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>

Pagina Grantavia: <https://grantavia.com/it/incentives/advancements-in-direct-air-capture>

Prenota un incontro: <https://bookings.cloud.microsoft/book/Prenotaunappuntamento@epsa.com/?ismsaljsauthenticated>