

Next generation of renewable energy technologies

Horizon Europe

CODE	SCOPE
HORIZON-CL5-2026-04-Two-Stage-D3-02	International
LOCATION	STATUS
Europe	Open
PROGRAM	CURATED BY
Horizon Europe	Maria Macedo
GENERATED AT	
June 8, 2026	

Financial Details

SUPPORT TYPE	MAXIMUM FUNDING RATE
Non-Refundable	100%
BUDGET	ELIGIBLE PROJECT VALUE
23.5M€	Up to 4M€
MAXIMUM DURATION	
60 months	

Dates & Deadlines

PUBLICATION DATE

Not defined

OPENING DATE

December 18, 2025

Application Phases

- Phase 1: March 31, 2026 at 04:00 PM
- Phase 2: October 20, 2026 at 03:00 PM (135 days left)

Objectives

Objectives

This incentive aims to accelerate the development of breakthrough renewable energy technologies that facilitate a faster transition toward a net-zero greenhouse gas emissions economy in the European Union by 2050. Eligible applicants are consortia of legal entities from eligible countries, with the exclusion of legal entities established in China. Proposals should focus on high-risk, high-return R&D, targeting substantial environmental impact reduction, economic viability, and public trust. Solutions must foster a long-term innovation base and address broader issues such as social acceptance, just transition, and policy alignment. The intended beneficiaries include energy producers, technology providers, economic sectors, European industries, researchers, and ultimately, European citizens and communities.

Funding

The total indicative budget for this topic is €23,500,000 for the year 2026, with an expected EU contribution of around €4,000,000 per project. Up to six projects are expected to be funded. The co-financing rate is a maximum of 100% of eligible costs, reflecting the HORIZON Research and Innovation Action (RIA) rules, provided as lump sum grants. Detailed funding rules, differentiated funding rates, and maximum grant sizes are described in the General Annexes of Horizon Europe, with possible adjustments for non-profit entities.

Eligible Expenses

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

Eligibility

Eligible Sectors

- Industry
- Energy & Environment

Company Sizes

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

Application Mode

- Consortium / Copromotion

Action Types

- Research and Innovation Actions
- Development of renewable energy technologies
- Integration of energy systems
- Hybrid renewable solutions
- Environmental sustainability
- Technology transfer

EU Programme Details

CALL ID

HORIZON-CL5-2026-04-Two-Stage

CLUSTER

5

DESTINATION

Ensuring more efficient, sustainable, secure, and competitive renewable and decarbonised energy supply (2026-27)

SUBMISSION MODE

Two-stage

EU CONTRIBUTION

around €4,000,000

EXPECTED PROJECTS

6

FUNDING RATE RULE

Maximum 100% of eligible costs, with differentiated rates for some entity types as per Horizon Europe General Annexes

Official Links

Official Regulation:

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORIZON-CL5-2026-04-Two-Stage-D3-02?order=DESC&pageNumber=1&pageSize=50&sortBy=startDate&isExactMatch=true&status=31094502&programmePart=43120821&frameworkProgramme=43108390&deadlineDate=1780182000000,1798675200000>

Grantavia page: <https://grantavia.com/en/incentives/next-generation-of-renewable-energy-technologies>

Schedule a meeting: <https://calendly.com/ines-carreira-fi-group/reuniao>