

Innovative technologies and solutions to improve wave and tidal energy systems

Horizon Europe

CODE	SCOPE
HORIZON-CL5-2027-02-D3-09	International
LOCATION	STATUS
Europe	Pending
PROGRAM	CURATED BY
Horizon Europe	Marlene Faria
GENERATED AT	
September 25, 2026	

Financial Details

SUPPORT TYPE	MAXIMUM FUNDING RATE
Non-Refundable	100%
BUDGET	ELIGIBLE PROJECT VALUE
43M€	Up to 43M€

Dates & Deadlines

PUBLICATION DATE	OPENING DATE
September 25, 2026	December 3, 2026

Application Phases

- Fase única: March 31, 2027 at 03:00 PM

Objectives

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This incentive aims to advance the European Strategic Energy Technology (SET) Plan's research and innovation priorities for ocean energy, focusing specifically on the development and demonstration of cost-effective wave and tidal energy systems. The call targets energy producers, technology developers, and research actors across Europe.

Information curated by Grantavia. Always confirm final details in the official regulation before preparing an application.

Eligible entities include research organizations, academia, start-ups, scale-ups, SMEs, industries, and other public or private organizations. The overarching goal is to design, develop, and demonstrate systems capable of withstanding harsh ocean environments while minimizing impacts on health, the environment, and biodiversity. Projects should align with the SET Plan, engaging multiple stakeholders for increased performance, efficiency, sustainability, and system robustness.

Funding

The total maximum EU funding for demonstration activities is expected to be EUR 24 million, with additional funds allocated to FSTP: up to EUR 3 million for breakthrough technologies and EUR 6 million for validation. The maximum funding rate is up to 100%, with detailed rules for different types of applicants. The project expects at least three distinct demonstration activities. Tiered FSTP calls allow for broad participation by academia, SMEs, and other organizations, with short project durations (12–18 months) possible under these schemes.

Eligible Expenses

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

Eligibility

Eligible Sectors

- Energy & Environment
- Blue Economy
- Industry
- ICT & Software

Company Typologies

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

Application Mode

- Consortium / Copromotion

Action Types

- Innovation Action
- Demonstration
- Validation
- Development of ocean energy technologies

- Predictive maintenance and monitoring
- Manufacturing process optimization
- Installation and decommissioning

EU Programme Details

CALL ID

HORIZON-CL5-2027-02-D3-09

CLUSTER

Cluster 5: Climate, Energy and Mobility

DESTINATION

Destination 3: Sustainable, Secure and Competitive Energy Supply

SUBMISSION MODE

Single-stage

EU CONTRIBUTION

around 43,000,000 EUR per project

EXPECTED PROJECTS

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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-CL5-2027-02-D3-09?order=DESC&pageNumber=1&pageSize=50&sortBy=relevance&keywords=HORIZON-CL5-2027-02-D3-09&isExactMatch=true&status=31094501,31094502,31094503>

Grantavia page: <https://grantavia.com/en/incentives/innovative-technologies-and-solutions-to-improve-wave-and-tidal-energy-systems>

Schedule a meeting: <https://calendly.com/sandra-cardoso-epsa/reuniao>