

HORIZON Europe

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Information category	Description
Programme name	Critical technologies for the future ocean energy farms – HORIZON Europe Framework Programme (HORIZON-CL5-2024-D3-02-04) Forthcoming call
Objective(s) and scope	<p><u>Expected outcome:</u> Project results are expected to contribute to all of the following expected outcomes:</p> <ul style="list-style-type: none"> Increased performance of ocean energy technologies with the focus on sustainability, operation and maintenance of ocean energy devices. Improved knowledge on how to operate ocean energy devices, their availability, maintainability, reliability, survivability, and sustainability. Reduction of LCOE (levelized cost of energy). <p><u>Scope:</u> Projects are expected to address at least one of the following areas:</p> <ol style="list-style-type: none"> Components and systems used in ocean energy devices need to be resistant to corrosion and the heavy loads they are subject to. Advance the design of sustainable tailored mooring and connection of electrical or other power transmission systems for floating or subsea wave and tidal devices. Instrumentation for condition monitoring and predictive maintenance of ocean energy devices. Artificial Intelligence (AI) in ocean energy technology development. <p>Type of actions: Research and Innovation Actions</p>
Type of finance provider	Public
Administering body	European Climate, Infrastructure and Environment Executive Agency (CINEA)
Financing product	Grants (HORIZON Action Grant Budget-Based)
Financing value	EUR 8.0 million for two grants (indicative number of grants). Expected EU contribution per project is around EUR 4.0 million.
Eligible countries	Legal entities from the EU and associated countries (EEA, European Neighbourhood Policy countries, third countries that fulfil the criteria of Article 16 of Regulation (EU) 2021/695)
Eligibility criteria (if available)	Any legal entity, regardless of its place of establishment and including legal entities from non-associated third countries or international organisations, may participate in actions under the Programme, provided that the conditions laid down in Regulation (EU) 2021/695 have been met together with any conditions laid down in the work programme or call for proposals.
Further information on eligibility criteria	Annex B <i>Eligibility</i> of Horizon Europe Work programme 2023-2025 . In this call, the following exceptions apply: If projects use satellite-based earth observation, positioning, navigation and/or related timing data and services, beneficiaries must make use of Copernicus and/or Galileo/EGNOS (other data and services may additionally be used).
Application period	From 17 September 2024 until 21 January 2025 17:00h Brussels time
Technology type	Fuel technology
Technology readiness level (TRL)	Activities are expected to achieve TRL 5 by the end of the project
Previous projects financed example(s)	-
Additional information	Further information on the call and specific conditions are described in the Work Programme (pages 271-273).

Links	Horizon Europe - European Commission (europa.eu) Reference Documents EU Funding & Tenders Portal (europa.eu) Horizon Europe work programmes - European Commission (europa.eu)
Contact(s)	Research Enquiry Service - European Commission (europa.eu)