

Prospective evaluation of nuclear power potential for shipping (ZEWT Partnership)

Horizon Europe

Generated at: October 8, 2026

● PENDING

Code

HORIZON-CL5-2027-03-D5-15

Scope

International

Location

Europe

Curator

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Financial Details

Support type

Non-Refundable

Maximum Funding Rate

100%

Budget

2M€

Eligible Project Value

Up to 2M€

Dates & Deadlines

Publication Date

Not defined

Opening Date

December 15, 2026

Phase 1

April 14, 2027 at 05:00 PM GMT+2

Description

Objectives

This incentive aims to support the assessment and prospective deployment of nuclear power in commercial shipping, specifically targeting small modular reactors (SMRs) and advanced nuclear technologies. The core objectives are to draft a comprehensive research and innovation roadmap for nuclear shipping in the EU, identify regulatory gaps and cooperation needs at national, regional, and international levels, and develop policy recommendations. Eligible entities include collaborative consortia from industry, research organizations, and civil society, seeking to address safety, feasibility, and the environmental impacts of nuclear-powered shipping. The actions strive to generate robust knowledge transfer, develop safety and training guidelines, and contribute to EU competitiveness in zero-emission maritime transport.

Funding

The call provides up to €2,000,000 for the coordination and support action implemented under a Horizon lump sum grant. The maximum co-financing rate is 100%, enabling full coverage of eligible costs. Each project is expected to receive around €2 million, with one grant anticipated under this topic. The lump sum model simplifies financial management, ensuring reimbursement for delivered results rather than individual cost claims.

Eligible Expenses

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

Eligibility

Application Mode

Consortium / Copromotion

Eligible Sectors

- Energy & Environment
- Mobility & Transport
- Industry

Company Typologies

- SME
- Large
- Non-business entities of the R&I system (ENESII)
- Private non-profit entities
- Public entities

Action Types

- Coordination and Support Action
- Feasibility Study
- Policy and Regulatory Analysis
- Technology Assessment

EU Programme Details

Call ID

HORIZON-CL5-2027-03-D5-15

Cluster

Climate, Energy and Mobility

Destination

This Destination addresses activities that improve the climate and environmental footprint, as well as competitiveness, of different transport modes.

Submission Mode

Single-stage

EU Contribution

around €2,000,000 per project

Expected Projects

1

Funding Rate Rule

100% for eligible costs as per Horizon Europe CSA rules

Official Links

Official Regulation

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORIZON-CL5-2027-03-D5-15?order=DESC&pageNumber=1&pageSize=50&sortBy=relevance&keywords=HORIZON-CL5-2027-03-D5-15&isExactMatch=true&status=31094501,31094502,31094503>

Grantavia page

<https://grantavia.com/en/incentives/prospective-evaluation-of-nuclear-power-potential-for-shipping-zewt-partnership>

Schedule a meeting

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