

A Turkish-Greek Consortium Looking for Partner/Partners from Marine Industry for a Eurostars Project on Integrated Coastal Protection

Summary

Profile type

Research & Development Request Türkiye

Company's country

POD reference

RDRTR20260812020

Profile status

PUBLISHED

Type of partnership

Research and development cooperation agreement

Targeted countries

• All countries

Contact Person

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Term of validity

12 Aug 2026
12 Aug 2027

Last update

12 Aug 2026

General Information

Short summary

A Turkish R&D-based SME active in circular materials and advanced manufacturing is coordinating an Eurostars project focused on an integrated environmental-protection solution for marinas, municipalities, and coastal operators. The project combines circular and bio-based materials, 3D-printed habitat structures, replaceable functional components, site-specific material selection, marine biointerface assessment, environmental monitoring, maintenance, and digital traceability.

Full description

The Turkish SME is forming an international consortium for a 36-month Eurostars R&D project focused on the development and commercialisation of an integrated environmental-protection solution for marinas, municipalities and coastal operators.

The Project aims to develop a modular coastal system combining circular and bio-based materials, 3D-printed habitat structures and replaceable functional components, site-specific material selection, marine biointerface assessment, environmental monitoring, maintenance, and digital traceability.

The consortium currently has two SMEs, research and creative/environmental partners from Türkiye and Greece, with expertise in circular material development, polymer compounding and filament production, additive manufacturing, microalgae and marine biointerfaces, environmental monitoring and coastal demonstration.

We are looking for an additional Marine Industry SME from a Eurostars-eligible country with expertise in one or more of the following areas:

- marina or port infrastructure;
- marine/coastal engineering;
- installation and anchoring of underwater or coastal structures;
- marine environmental technologies;
- nature-inclusive or ecological coastal infrastructure;
- marine monitoring and water-quality systems;
- maintenance and retrieval of marine structures;
- access to marina, port or municipal coastal demonstration sites.

The envisaged partner will contribute to marine product engineering, installation and anchoring requirements, field deployment, operational validation, maintenance strategy, end-user requirements, and commercialisation of the Project's system.

A strong connection to marina operators, ports, coastal municipalities, or marine infrastructure customers would be particularly valuable.

Target outcome: a market-ready integrated coastal-protection product-service solution validated under real marina/coastal conditions and prepared for commercial deployment.

Project duration: 36 months

Programme: Eurostars

Target partners: R&D-performing SMEs from Eurostars countries

Current consortium: Türkiye – Greece

Target markets: Marinas, coastal municipalities, ports, and waterfront infrastructure operators.

Advantages and innovations

The project introduces an innovative integrated approach to coastal protection, coastal cleanliness, and environmental sustainability. It combines circular and bio-based materials, 3D-printed habitat structures, replaceable functional components, site-specific material selection, marine biointerface assessment, environmental monitoring, maintenance, and digital traceability within a modular system.

Key advantages and innovative aspects include:

- * integration of environmental protection and coastal cleanliness within a single modular approach;
- * use of circular and bio-based materials;
- * 3D printed habitat structures;
- * replaceable functional components;
- * site-specific material selection;
- * integration of marine biointerface assessment and environmental monitoring;
- * inclusion of maintenance and digital traceability; and
- * focus on environmental sustainability in marina and coastal applications.

Technical specification or expertise sought

Potential partners must be from a country eligible for Eurostars.

Stage of development

Concept stage

Sustainable Development goals

- **Goal 6: Clean Water and Sanitation**
- **Goal 14: Life Below Water**
- **Goal 17: Partnerships to achieve the Goal**
- **Goal 11: Sustainable Cities and Communities**
- **Goal 9: Industry, Innovation and Infrastructure**

IPR Status

No IPR applied

IPR Notes

Partner Sought

Expected role of the partner

The selected partner or partners are expected to take an active R&D role in the project according to their specific expertise.

Depending on their capabilities, their contribution may include:

- marina or port infrastructure and marine/coastal engineering;
- installation and anchoring of underwater or coastal structures;
- marine environmental technologies;
- nature-inclusive or ecological coastal infrastructure;
- marine monitoring and water-quality systems;
- field deployment and operational validation;
- access to or facilitation of access to marina, port, or municipal coastal demonstration sites and commercialisation and exploitation of the project results.

The technical activities may be divided between more than one new partner. Therefore, an interested SME may contribute in one or several of the identified marine-industry areas rather than being required to cover the complete scope.

The partner should also be able to contribute to the exploitation and distribution of the project results in its own country and preferably in neighbouring or regional markets. Connections with marina operators, ports, coastal municipalities or marine infrastructure customers would be particularly relevant for this role.

Exploitation is envisaged as a responsibility of the consortium as a whole. The project coordinator, existing consortium members and newly recruited partners are expected to contribute to the exploitation of project results through their respective markets and geographical areas.

Type of partnership

Research and development cooperation agreement

Type and size of the partner

- **R&D Institution**
- **SME <=10**
- **Other**
- **SME 11-49**
- **SME 50 - 249**

Call Details

Framework program

Eureka

Call title and identifier

Eurostars Call 11 for projects

Submission and evaluation scheme

Anticipated project budget

Coordinator required

No

Deadline for EoI

28 Aug 2026

Deadline of the call

10 Sep 2026

Project duration in weeks

Web link to the call

<https://www.eurekanetwork.org/programmes-and-calls/eurostars/eurostars-call-for-projects-september-2026/>

Project title and acronym

Dissemination

Technology keywords

- **10002013 - Clean Production / Green Technologies**
- **10002007 - Environmental Engineering / Technology**
- **10004009 - Marine Environment**

Targeted countries

- **All countries**

Market keywords

- **09007002 - Manufacture of construction materials, components and systems**
- **09004008 - Other manufacturing (not elsewhere classified)**

Sector groups involved

- **Maritime Industries and Services**
- **Energy-Intensive Industries - Materials**