Development of AI-integrated decision-making software for maritime, fisheries and land-based aquaculture under Eurostars grant - March 2026

Summary

Profile type	Company's country	POD reference
Research & Development Request	**Iceland**	**RDRIS20250704030**
Profile status	**Type of partnership**	**Targeted countries**
PUBLISHED	**Research and development cooperation agreement**	**• World**
Contact Person	**Term of validity**	**Last update**
Enrico FRANZIN	**4 Jul 2025** **4 Jul 2026**	**4 Jul 2025**

General Information

Short summary

Icelandic SME coordinating a Eurostars R&D project is seeking a partner with expertise in data and AI. The project focuses on developing an integrated decision-support software tool for maritime, fisheries and land-based aquaculture operations. We bring maritime, aquaculture domain knowledge and product development capabilities, and are looking for a collaborator to contribute advanced data processing and AI expertise.

Full description

An Iceland-based SME is coordinating a Eurostars research and development project focused on fisheries and land-based aquaculture.
The objective of the project is to develop an integrated decision-support software tool tailored to the operational needs of both maritime and land-based fish farming. The tool will aim to improve efficiency and decision quality by consolidating fragmented data sources and interfaces commonly used in aquaculture operations today.

The current challenge addressed by this initiative is the disjointed nature of digital tools and data flows in aquaculture environments. Operators often work with separate systems for equipment control, environmental monitoring, and operational planning, leading to inefficiencies and underutilized data. This project will explore how operational data — including sensor readings, equipment outputs, and manual inputs — can be brought together and enhanced using AI

techniques to provide timely, actionable insights.

The project will be conducted under the Eurostars programme, part of the Eureka network, which supports innovative SMEs in collaborative international R&D efforts. The timeline includes an expression of interest deadline of 15 January 2026, with full proposal submission due in March 2026. The project is planned to run for 36 months.

To complete the team, the coordinating SME — a product development group with aquaculture domain expertise — is seeking a partner with strong capabilities in data processing and artificial intelligence. This partner would lead the design and implementation of the system's data and AI components, including areas such as predictive analytics, anomaly detection, and system integration.

Advantages and innovations

Technical specification or expertise sought

Stage of development

Under development

Sustainable Development goals

- **Goal 9: Industry, Innovation and Infrastructure**

IPR Status

IPR Notes

Partner Sought

Expected role of the partner

The desired partner should be an experienced technology company with proven expertise in data processing, AI, and software integration, preferably with familiarity in the maritime or land-based aquaculture domain. While domain knowledge is valuable, deep technical capacity in artificial intelligence, data architecture, and integration with heterogeneous data sources is essential.

The partner is expected to contribute significantly to the technical design and implementation of the software system, with a focus on developing AI-powered functionalities such as predictive analytics, anomaly detection, and intelligent decision-support features. They will also be responsible for ensuring that the solution can interface effectively with existing industry hardware and data infrastructure, including environmental sensors, control systems, and data logs.

Participation in real-world testing and validation is expected, ideally through the partner's access to relevant operational environments, pilot customers, or test facilities. A strong understanding of the day-to-day challenges faced by aquaculture operators — and how digital tools can support operational decisions — is considered a valuable asset.

While commercialization leadership will remain with the coordinating SME, the partner is encouraged to contribute actively to shaping the solution's applicability to international markets, providing input on scalability, interoperability, and potential value delivery to end users.

Type of partnership

Research and development cooperation agreement

Type and size of the partner

- **SME 11-49**
- **University**
- **SME <=10**

Call Details

Framework program

Eureka

Call title and identifier

Eurostars-3 call 10

Submission and evaluation scheme

Anticipated project budget

Coordinator required

No

Deadline for EoI

10 Jan 2026

Deadline of the call

5 Mar 2026

Project duration in weeks

Web link to the call

Project title and acronym

Dissemination

Technology keywords

- **01003006 - Computer Software**
- **01003002 - Archivistics/Documentation/Technical Documentation**
- **07003001 - Aquaculture**
- **07003002 - Fish / Fisheries / Fishing Technology**

Market keywords

- **02007017 - Expert systems**
- **02007001 - Systems software**
- **02007011 - Manufacturing/industrial software**
- **02003 - Specialised Turnkey Systems**
- **02007016 - Artificial intelligence related software**

Targeted countries

- **World**

Sector groups involved