CARE 4 BIO

Horizon Europe Brokerage Event
Cluster 6 Calls 2025

Warsaw, 27 May 2025

S2AQUAcoLAB: bridging science and industry for a resilient aquaculture sector

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This project has received funding from the European Union's Horizon Europe research and innovation programme, under Grant Agreement No 101059839

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Commission. Neither the European Union nor the granting authority can be held responsible for them.

Topics addressed:

- HORIZON-CL6-2025-02-FARM2FORK-10: Diversifying aquaculture production with emphasis on low-trophic species

Other topics of interest:

- **HORIZON-CL6-2025-03-GOVERNANCE-05:** Exploring options to resolve land and sea use competition
- **HORIZON-CL6-2025-02-FARM2FORK-04:** Enhancing plant protein production to bolster the resilience of agricultural systems and EU self-sufficiency in plant protein feed
- **HORIZON-CL-6-2025-01-BIODIV-03:** Strengthening taxonomic approaches for biodiversity
- **HORIZON-CL-2025-01-CIRCBIO-01-two-stage:** Open topic: Innovative solutions for the sustainable and circular transformation of SMEs

Project idea

Integrated approach to **diversify and enhance aquaculture production** in the EU

- Focus on **low-trophic species** (e.g. bivalves and/or other invertebrates, seaweeds)
- Sustainable farming practices such as **Integrated Multi-Trophic Aquaculture** (IMTA) and **alternative feed ingredients**.
- Develop **innovative solutions** that increase the sector's competitiveness, reduce environmental impact, and improve consumer acceptance
- Address **regulatory challenges** and **market barriers**, fostering knowledge transfer and the adoption of these sustainable practices by industry partners.

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Expertise offered

Key Competences

ELEVATING THE AQUACULTURE SECTOR TO A NEW LEVEL

- Production optimization of marine organisms;
- Bioindicators of health and welfare conditions;
- Environmental monitoring and adaptation to climate change;
- New products, technological development and market.
- "Hands on" training and qualification;

New technology developments

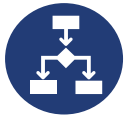
FORESEEING THE UPCOMING CHALLENGES IN AQUACULTURE

- New farming methodologies (e.g. RAS, IMTA);
- Improvement of reproduction and rearing protocols for new species
- New ingredients for feeds (e.g. insect meal, algae, functional ingredients);
- New production technologies (Onshore and Offshore);
- Implementation of automation and AI technologies.

Expertise sought

Aquaculture industry stakeholders (producers, feed companies, technology providers) to co-develop and test innovative production methods and feed formulations.

Research institutions with expertise in **marine biology, fish health, genetics, and circular economy** to contribute scientific knowledge and sustainability assessments.



Policy and governance entities to address regulatory barriers and promote science-based policies for sustainable aquaculture.

Social sciences and **market experts** to study consumer acceptance, regulatory frameworks, and economic feasibility.

Partners to foster knowledge exchange and enhance global competitiveness.

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Private Non-for-Profit Association with focus on R&D

City: Olhão | Country: Portugal

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