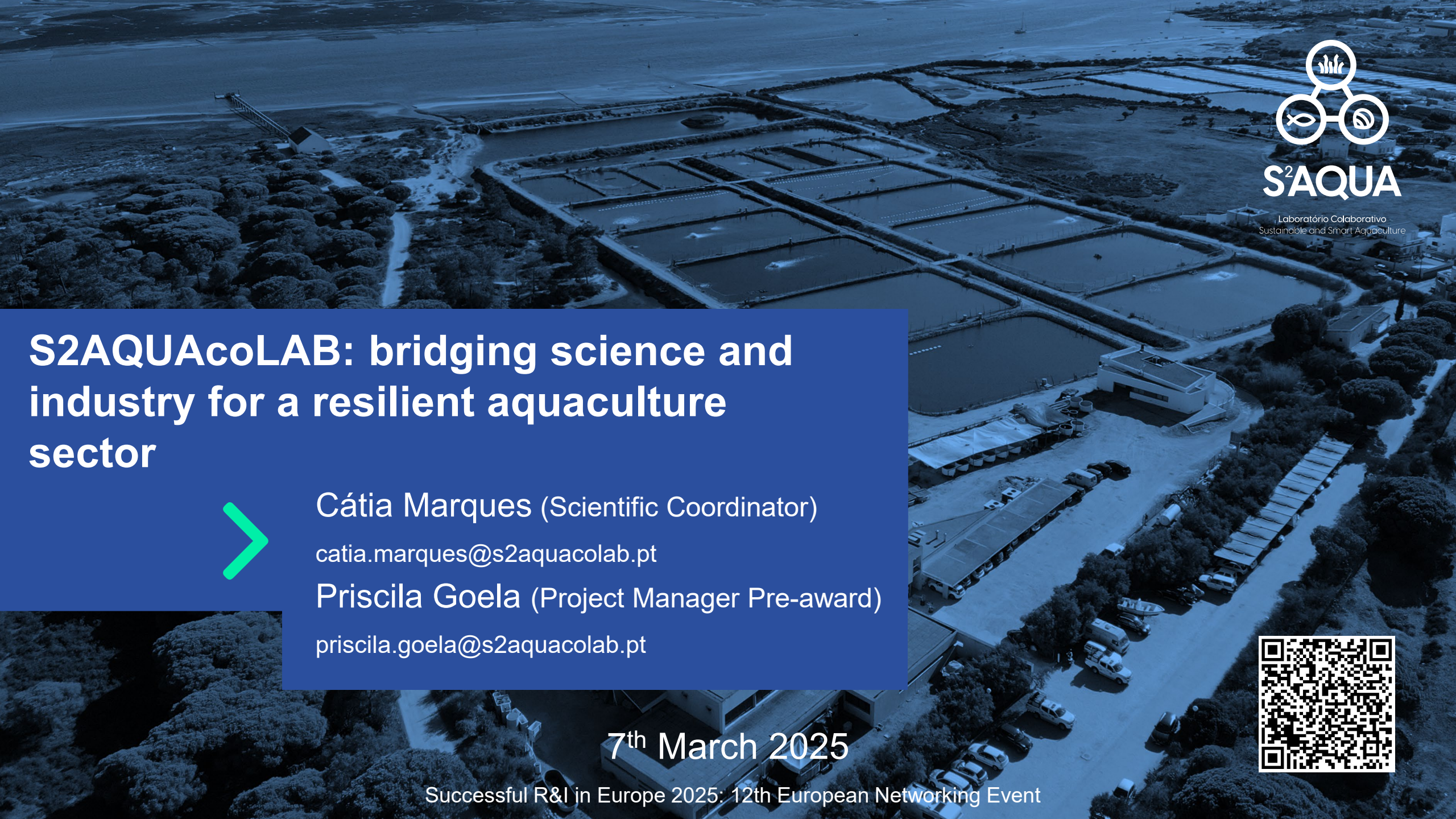

S2AQUAcoLAB: bridging science and industry for a resilient aquaculture sector

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Sustainable and Smart Aquaculture

7th March 2025

Successful R&I in Europe 2025: 12th European Networking Event

Project Idea

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

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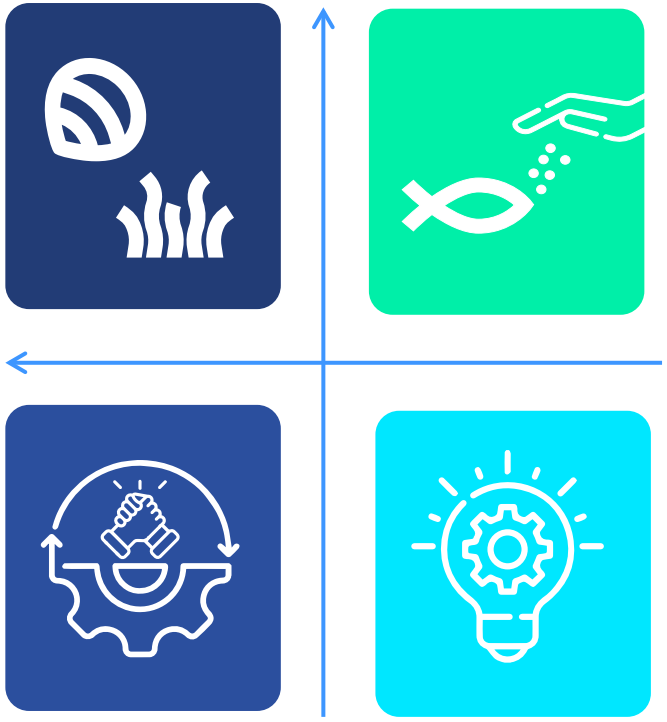
Integrated approach to **diversify and enhance aquaculture production** in the EU



- 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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The partners we are looking for…

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

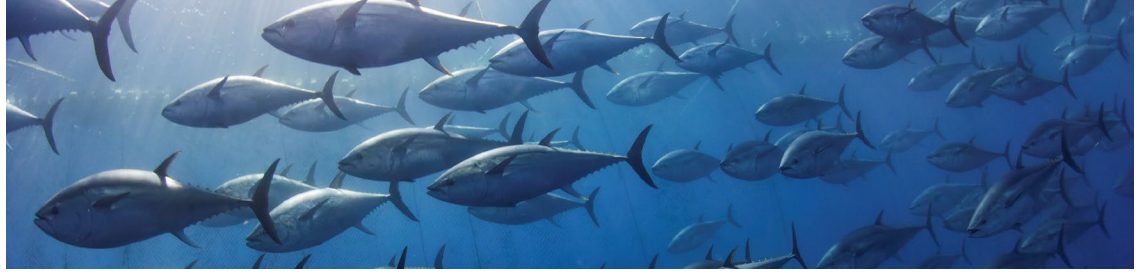
Research institutions with expertise in **marine biology, fish health, genetics, and circular economy** to contribute scientific knowledge and sustainability assessments.

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

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

Partners to foster knowledge exchange and enhance global competitiveness.

Our Expertise



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Key Competencess

ELEVATING THE AQUACULTURE SECTOR TO A NEW LEVEL

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

New technology developments

FORESEEING THE UPCOMING CHALLENGES IN AQUACULTURE

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

Main customers

BUILDING BRIDGES OF SCIENCE AND R&D IN THE AQUACULTURE SECTOR

- Aquaculture business companies;
- Universities and Research institutes;
- Spin-offs;
- Start-ups and other companies.

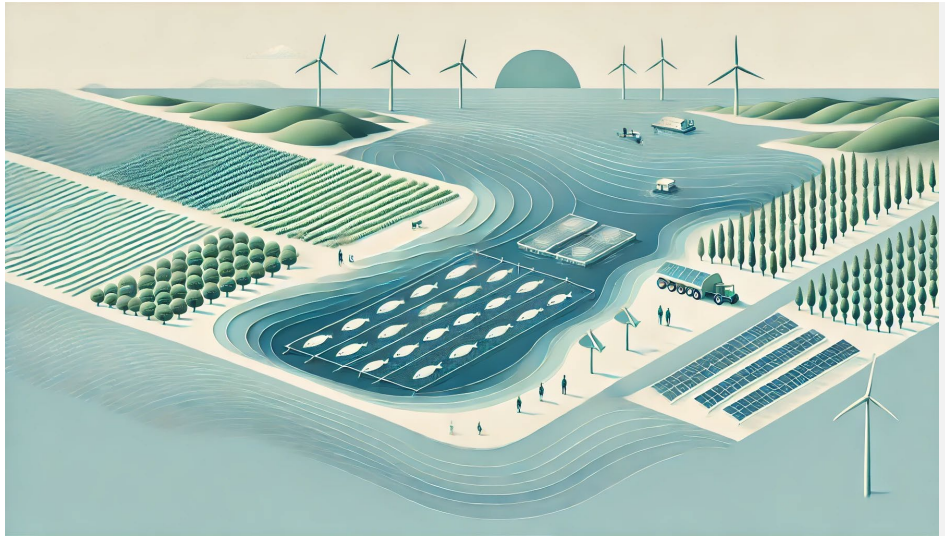
Target markets

RENEWING THE AQUACULTURE MARKET CONCEPT

- Aquaculture industry;
- Food and Feeds companies;
- Pharmaceutical companies;
- Development of products for audiences with special needs (e.g. nutrient-enriched seafood);
- Cosmetic industry;
- Engineering.

Other potential calls

HORIZON-CL6-2025-02-FARM2FORK-07: Fostering animal breeding and genetics for climate change adaptation and mitigation, improved robustness and resilience



HORIZON-CL6-2025-03-GOVERNANCE-05: Exploring options to resolve land and sea use competition

Thank You!

SCAN ME

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