

INTEGRATING RESEARCH INFRASTRUCTURES - CONNECTING SCIENTISTS - ENABLING TRANSNATIONAL ACCESS FOR HEALTHY AND SUSTAINABLE MARINE AND FRESHWATER ECOSYSTEMS

RESEARCH
INFRASTRUCTURE
CATALOGUE

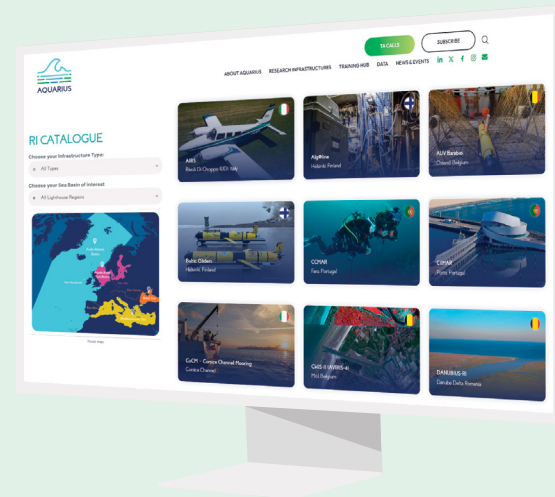
TRANSNATIONAL ACCESS
FUNDING CALLS



TECHNICAL
TRAINING

OPEN DATA
OPEN SCIENCE

AQUARIUS will provide access to a comprehensive and diverse suite of integrated research infrastructures to address challenges and explore opportunities for the long-term sustainability of our marine and freshwater ecosystems.



aquarius-ri.eu/ri-catalogue

DISCOVER THE CATALOGUE

Participating Research Infrastructures



Funded by
the European Union

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The AQUARIUS Concept

Integrating Research Infrastructures

For the first time, AQUARIUS will bring together a diverse portfolio of 57 research infrastructures, from land to sea to sky, facilitating more holistic research on our aquatic ecosystems. A curated online Research Infrastructures Catalogue will allow visitors to search and view these infrastructures by type and location, learn about their modalities of access and technical training requirements.

Transnational Access Funding Calls

Transnational access (TA) to AQUARIUS infrastructures will be provided via a competitive funding call process. AQUARIUS will launch two TA funding calls, inviting applications for research and innovation projects that can demonstrate how they will use multiple research infrastructures to contribute to the objectives of the EU Mission: Restore our Ocean and Waters, as defined in the call challenges. A dedicated and user-friendly call access platform will provide an EU-wide online application system, providing information on call themes, the scientific and logistical evaluation process and follow-up reporting for the successful projects.

TA Call 1 - Open: 11 November 2024 - 20 January 2025

TA Call 2 - Open: 2 September 2025 - 28 October 2025

Technical Training | Data Management

AQUARIUS will provide scientific & technical training for call applicants, selected projects & early-career researchers. The project will also implement best practices in open science & open data making all data FAIR (Findable, Accessible, Interoperable and Reusable), and delivering to existing EU and global data infrastructures. More information can be found on our website.



About AQUARIUS

Project Name

Aqua Research Infrastructure Services for the health and protection of our unique, ocean, seas and freshwater ecosystems



Programme

Horizon Europe

Total Budget

14,5M

Duration

48 Months

Nations

18

Number of Partners

41 (+4 affiliated partners)

Coordinator



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PROVIDING TRANSNATIONAL ACCESS TO INTEGRATED RESEARCH INFRASTRUCTURES



[VISIT AQUARIUS-RI.EU/RESEARCH-INFRASTRUCTURES-CATALOGUE](https://www.aquarius-ri.eu/research-infrastructures-catalogue)

FREE ON-SITE, REMOTE AND VIRTUAL ACCESS

Research infrastructure (RI)

- 1 Research Vessels ◆ 19u.
- 2 Mobile Marine Observation Platforms (Gliders, AUVs, USVs, ROVs, Ferrybox systems) + 12u.
- 3 Fixed Marine Facilities (Databuoys, seafloor observatories) ○ 12u.
- 4 Experimental Research Facilities ▲ 8u.
- 5 River and Basin Supersites ● 8u.
- 6 Aircraft 3u.
- 7 Drones ★ 2u.
- 8 Satellite Services 1u.
- 9 Data Centers & Virtual Labs ▼ +10u.

Some RIs are situated beyond the borders of the displayed map (Greenland, Iceland, Faroe Islands, Canary Islands)



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EU Mission: Restore our Ocean and Waters

AQUARIUS will support transnational access for research and innovation projects that can demonstrate how they will integrate different research infrastructures and deliver to the goals of the EU Mission: Restore our Ocean and Waters.

With a 2030 target, the EU Mission: Restore our Ocean and Waters aims to protect and restore the health of our ocean and waters. Area-based "Lighthouses", will serve as central hubs and platforms for developing, demonstrating, and deploying solutions to identified challenges. These "Lighthouse" areas inform the geographic scope of AQUARIUS, whilst the thematic scope is informed by the three Mission objectives.



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1. Protect and restore marine and freshwater ecosystems and biodiversity.



2. Prevent and eliminate pollution of our ocean, seas and waters.



3. Make the sustainable blue economy carbon-neutral and circular.



Integrating Research Infrastructures - Connecting Scientists - Enabling Transnational Access
for healthy and sustainable marine and freshwater ecosystems

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