



AQUACOSM

Network of Leading European AQUATIC MesoCOSM Facilities
Connecting Mountains to Oceans from the Arctic to the Mediterranean

PROJECT COORDINATOR

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GEOGRAPHICAL DEPLOYMENT

Geographical locations range from the Mediterranean to major European river basins, from the mountains to coastal lowlands, estuaries and off-shore marine areas. AQUACOSM encompasses lentic and lotic, as well as pelagic and benthic, research infrastructures.

DURATION

4 years
2017 - 2020

FINANCING

EUROPE H2020

OVERALL BUDGET

10 Millions €



MARBEC REPRESENTATIVE

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MARBEC TOPICS

– Microorganisms and Interactions with Macroorganisms

BUDGET FOR MARBEC

631 472 €

OBJECTIVES

AQUACOSM is a network of leading European aquatic mesocosm facilities for researches on the freshwater and marine ecosystems. Ambition:

- Integrated science strategy and governance.
- Network of best practices, harmonization and international training.
- Data collection, standardization and sharing.
- Outreach: Dissemination and Stakeholder engagement.
- Provision of transnational access to all AQUACOSM facilities.
- Construction of standardized low-cost mesocosms to enable pan-European experimental ecosystem studies across all climates.
- Development of automated sensor systems for autonomous high frequency data acquisition.
- Realization of coordinated mesocosm experimentations across environmental gradients (e.g. latitudinal gradients, salinity gradients, etc.).



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