

Institutional Partners/Node(s)

Instituto Português do Mar e da Atmosfera, I. P. (IPMA) [<https://www.ipma.pt/pt/index.html>]

Universidade do Porto (UP) [<https://www.up.pt/portal/pt/>]

Universidade de Aveiro (UA) [<https://www.ua.pt/pt/tipo-curso>]

Universidade dos Açores (UAç) [<https://www.uac.pt/>]

Universidade de Évora (UEv) [<https://www.uevora.pt/>]

Instituto Superior Técnico (IST/UL) [<https://tecnico.ulisboa.pt/pt/>]

Faculdade de Ciências da Universidade de Lisboa (FCUL) [<https://ciencias.ulisboa.pt/>]

Instituto Superior de Engenharia do Porto (ISEP) [<https://www.isep.ipp.pt/>]

Estrutura de Missão para a Extensão da Plataforma Continental (EMEPC) [<https://www.emepc.pt/>]

Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência (INESC TEC) [<https://www.inesctec.pt/pt>]

Centro Interdisciplinar de Investigação Marinha e Ambiental (CIIMAR) [<http://www2.ciimar.up.pt/>]

Mission & Vision

Establish a network for monitoring the seafloor and the water column, contributing to greater scientific knowledge and more informed policies.

Generate scientific data that consequently, will provide more effective and efficient management of maritime spaces and their natural resources through the installation of underwater observatories. These stations will acquire a set of biotic and abiotic parameters of the ocean floor and water column, namely temperature, salinity, turbidity, acoustics, currents, dissolved oxygen and carbon dioxide.

Data processing will be done through the channels defined within EMSO-ERIC, allowing for the integration and availability of data acquired by all European partners.

Core Activities

- Ensure the Iberian Margin node of EMSO-ERIC, through the installation of two underwater fixed-point observatories
- Allow the establishment of a land-based analytic and engineering network that supports data collection efforts
- Ensure data processing and sharing through the channels defined within EMSO-ERIC, allowing for the integration and availability of data acquired by all European partners

Contacts

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 Youtube: <https://www.youtube.com/watch?v=vEoTMs9smvE>

Contribution to the All-Atlantic Ocean Research and Innovation Alliance

Relevant thematic area



Relevant resources for collaborative research and innovation

- Foster ocean observation in the Atlantic Ocean towards sustained long-term observations
- Foster the development in ocean to support pure and applied science, and engineering activities in the exploration and exploitation of ocean resources to produce wealth for society
- Contribute to data, information and knowledge generation on ocean's physical and biological processes
- Disseminate free and open-source data through the channels defined within
- Allow the integration and availability of data acquired by all European partners