



## **EMSO ERIC – Development of a Strategic Plan for a pan-European Distributed Research Infrastructure.**

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EMSO ERIC is a powerful, large-scale, strategically distributed world-class European Research Infrastructure Consortium with the goal to lead marine science and technology advancements. EMSO delivers high-quality time-series of ocean environmental parameters with unprecedented time resolution to address global challenges such as climate trends, marine ecosystem preservation, and marine geo-hazards generation and mitigation. It represents a unique marine infrastructure in the world, with key locations from the North- Atlantic Ocean through the Mediterranean Sea, to the Black Sea.

EMSO ERIC aims to shed light on the ocean processes and interactions among the biosphere, geosphere and hydrosphere on a larger scale than the one accessible by its individual Regional Facilities. EMSO ERIC's great challenge is the integration and coordination of Regional Facilities, while at the same time leveraging the specific features of each.

EMSO governance and management, including the Director General, the Central Management Office, the Regional Teams, and the Service Groups, ensures the adoption and implementation of a strategic plan for long-lasting sustainability and expansion of state-of-art observational systems, methodologies and auxiliary facilities. The EMSO ERIC action plan is presently focused on structuring services for scientists and stakeholders to access to quality-controlled data and data products on an open and interoperable basis, implementing best practices and capacity building in a collaborative framework of European and worldwide environmental research infrastructures and programmes.

The aim of this communication is to disseminate the EMSO ERIC strategic plan and action plan to show how they meet scientists' and stakeholders' requirements and how they contribute to the European Ocean Observing System (EOOS), to European policies and strategies such as the Blue Growth, JPI-Oceans and the Marine Strategy Framework Directive, and to the COPERNICUS program.

EMSO not only brings together countries and disciplines, but allows the pooling of resources and coordination to assemble harmonised data into a comprehensive regional ocean picture which it will then make available to researchers and stakeholders worldwide on an open and interoperable access basis.