

The ERICs in Horizon Europe

A successful case



www.eric-forum.eu



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On the ERICs and the ERIC Forum

The European Research Infrastructure Consortium (ERIC) is a specific legal form that facilitates the establishment and operation of Research Infrastructures with European interest.

The ERIC model

It provides a legal capacity recognised in all EU Member States, a faster process to create an international organisation, and exemptions from VAT and excise duty. This makes the ERIC model a fundamental tool for the establishment and operation of common research infrastructures.

The ERIC Forum

The ERIC Forum strategically contributes to the development of ERIC related policies by sharing best practices, tackling common challenges, fostering visibility, impact and sustainability of ERICs and contributing to the European science policies and research context.

With 32 ERICs established, the ERIC Forum has become one of the leading voices in European science policy.

ADVANTAGES OF BEING AN ERIC



A legal capacity recognized in all EU Member States



Flexibility to adapt to specific requirements of each infrastructure



A faster process than creating an international organisation



Exemptions from VAT and excise duty

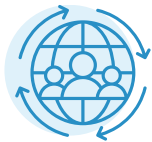
Advantages for Research

ERICs provide the European research community with access to high-quality data and cutting-edge technologies to support scientific excellence and respond to global challenges.

Moreover, they support mobility of researchers and knowledge across the ERA, promote collaboration between countries and favour a European coordination of national infrastructure capacities and capabilities.

More in details

ACCESS TO RIs



- Provide access to state-of-the-art research facilities and services for researchers from Europe and beyond, including universities, industries, SMEs, and incubators.
- Experts provide technical and scientific support to users accessing the RIs.
- ERICs offer predefined access processes, ensuring efficient and transparent use of resources.
- Researchers can access facilities either through funded projects (free access) or with their own funds (subject to capacity).

DEVELOPMENT & SERVICES



- Potential upscaling of research from TRL1 to higher TRLs (e.g. TRL7,8,9) in several research infrastructures facilities.
- Direct contribution to technological development.
- Promote the mobility of researchers and knowledge across the European Research Area, fostering international collaboration.

EMSO-ERIC

www.emso.eu

The **E**uropean **M**ultidisciplinary **S**eafoor and water column **O**bservatory aims to explore the oceans, to gain a better understanding of phenomena happening within and below them, and to explain the critical role that these phenomena play in the broader Earth systems.

SERVICES

Generation of high-value data by a distributed network of regional facilities operated and maintained by its partners.

Standardisation of data by sharing the same quality level and a harmonized set of observables.

Support the implementation of European policies as for example the Marine Strategy Framework Directive.

HORIZON EUROPE - FUNDING

Pillar I



Pillar II



Pillar III



TRIDENT – A SUCCESSFUL CASE

www.deepseatrident.eu

The TRIDENT project will create new technological tools for deep sea impact assessment. These new tools will empower a shared responsibility to supervise and monitor deep sea activities, and simultaneously preserve and enhance marine habitats, supporting an environmentally sustainable blue economy. The major involvements of EMSO ERIC in this project consist of supporting the development and implementation sensing systems for deep sea monitoring (WP4).

GENERAL INFORMATION

TRIDENT: Technology based impact assessment tool foR sustainable, transparent Deep sEa miNing exploraTion and exploitation

Grant Agreement N. 101091959

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Starting date: 01/01/2023

Ending date: 31/12/2027

PROJECT PARTNERSHIP

The consortium is composed of technology developers (INESCTEC, ALSEAMAR, CINTAL, GREENOV, NOC, WSENSE, HRW, UL, PLOCAN, UPM), geological and biological experts (NORCE, DELTARES, UCC, CSIC, QUB, IPMA) that will give to the consortium important guidelines for the impact assessment and vessels and technological resources providers (MOi, EMSO-ERIC, NOC, MI, IPMA, CSIC). Moreover, the project will gather also the legal part with partners fully dedicated to it, as also the close link with ISA (TIME.LEX, CSIC) and intergovernmental institutions (EMSO-ERIC and MOi), dissemination and stakeholder forum (LPRC, FO, GeSI).