



EMSO ERIC Newsletter No. 10 - October, 2025

[News & Events](#) [EMSO Facilities](#) [EU Projects](#)

News & Events



EMSO Mobility of Personnel: OBSEA–INESC TEC collaboration on Resident Robotics and AI for ecosystem monitoring

The initiative, granted within the EMSO Mobility of Personnel Program, gathered ERIC's experts from Spain and Portugal to accelerate the development of next-generation deep-sea technologies.

[Full story](#)



INGV, EMSO, and EPOS conclude a successful Erasmus+ Training week

Last September, the National Institute of Geophysics and Volcanology had the privilege to take part in an Erasmus+ Staff Mobility Exchange between INGV and Koç University, Istanbul, Turkey. For five days, Gözde Özel from the Office of International Programme of Koç University, joined several INGV's offices and Research Infrastructures.

[Find out more](#)



Advancing precision and cost-effectiveness in ocean lander operations: LOCOLAND project

A new initiative underway within the EMSO Physical Access in the ERIC's Portuguese Regional Facility is testing a game-changing system that makes

deploying and retrieving scientific instruments more precise and cheaper, ending the costly "high-stakes gamble" of open sea monitoring.

[Read more](#)



Don't Miss Out! The EMSO Call for Physical Access is still open

This is your opportunity to conduct groundbreaking research at some of Europe's most advanced marine facilities. External users can gain free access to test new sensors, deploy instruments, validate systems, or execute novel experiments in unique oceanic environments.

[Read more](#)

[Updates from the EMSO Regional Facilities](#)



CRUISE CAMPAIGN

The Momarsat 2025 cruise

The Momarsat cruise ensures the yearly maintenance of the EMSO-Azores observatory deployed at 1700 m at the Lucky Strike Vent Field along the mid-Atlantic Ridge off the Azores. This year the cruise was held onboard the French Research Vessel L'Atalante with the Human Occupied Vehicle Nautilie.

[Find out more](#)



CRUISE CAMPAIGN

EMSO South Adriatic Campaign successfully completed

Over ten days at sea, 13 researchers, technologists, and technicians worked together to collect high-quality data and carry out maintenance on key components of the EMSO infrastructure. The mission took place between Milazzo and the South Adriatic within the framework of the PNRR Itineris project (Marine Environment). Its goals included both scientific research and the maintenance and calibration of EMSO's observation systems and oceanographic moorings, which enable real-time monitoring of the marine environment.

[Read more](#)

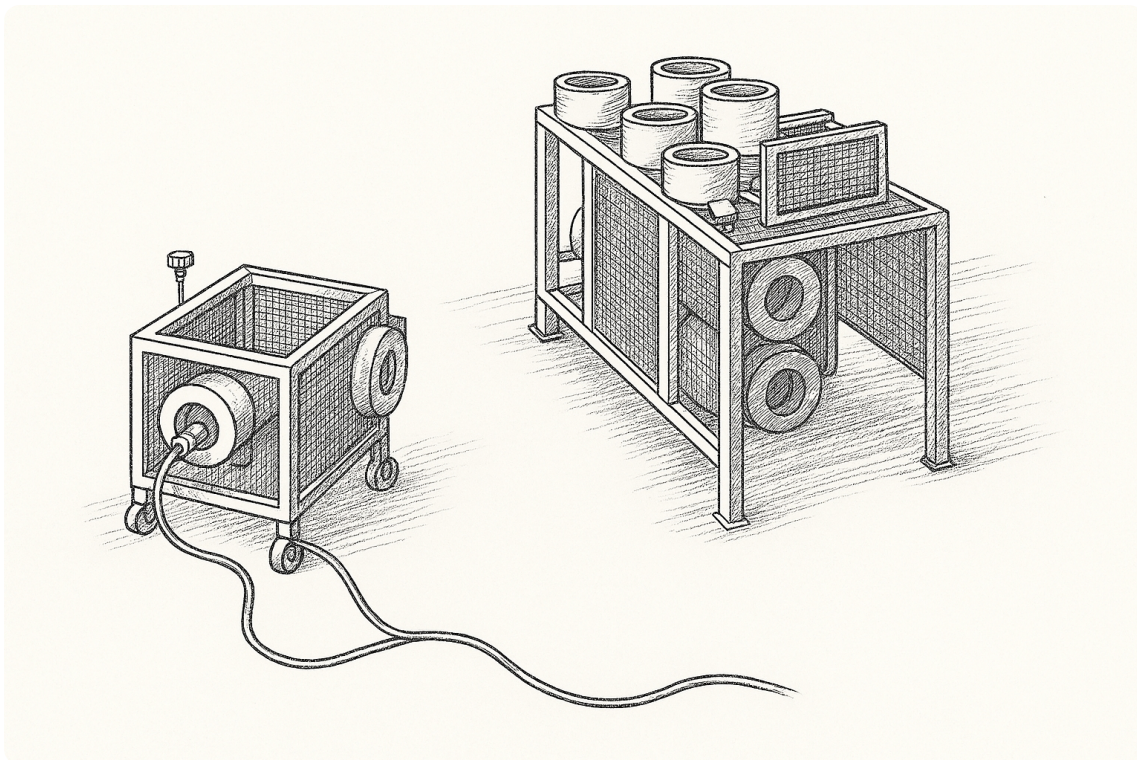


CRUISE CAMPAIGN

OBSEA Landers: UPC's contribution to the PLOME Offshore Campaign

During the July 2025 PLOME offshore campaign in the Marine Protected Areas of Palamós and Tossa de Mar, the Universitat Politècnica de Catalunya (UPC) deployed its OBSEA multiparametric landers, developed by the OBSEA Underwater Observatory team. These transportable in-situ observatories, designed for easy deployment by research or fishing vessels, operated as autonomous “seafloor laboratories” continuously collecting environmental and ecological data at depths of up to 500 metres.

[Full article](#)



INNOVATION

Seeing the sea differently: SmartBay observatory relaunched

The SmartBay Observatory was redeployed in Galway Bay this June, following maintenance prompted by severe winter storms. With an additional camera on the secondary observatory now in place, researchers benefit from new ways to study marine life in support of EU projects such as the development of a virtual twin of Galway Bay.

[Full article](#)



INNOVATION

IbMa-CSV observatory updated with acoustic array

The Iberian Margin Regional Facility has increased its observational capabilities with the deployment of an acoustic array mooring composed of five hydrophones. This update is the result of a collaboration effort between CCMAR, IPMA, CINTAL (an EMSO-PT partner associated with the University of Algarve), and Mar Ilimitado, Lda., a Portuguese private company, partner in the European project Atlantic Whale Deal. During the deployment campaign of the new mooring at the IbMa-CSV station, the Iberian Margin team also carried out maintenance operations to the vertical profiler mooring, deployed in late May 2025.

[Full story](#)

EU projects

AQUARIUS

Funding Call

Marine and
Freshwater Infrastructure Access

Open for applications from
2 September 2025 – 28 October 2025



© CNR

Apply for the Second AQUARIUS Funding Call: Marine and Freshwater Infrastructure Access

The second AQUARIUS Transnational Access Funding Call is open until 28 October 2025, providing researchers, industry, and citizen science groups with the opportunity to access world-class marine and freshwater research infrastructures free of charge.

[Read more](#)

EMSO ERIC

Via Giunio Antonio Resti 63, 00143, Rome
info@emso-eu.org



This email was sent to {{ contact.EMAIL }}
You've received this email because you've subscribed to our newsletter.

[Unsubscribe](#)

