



FIXED-POINT OPEN OCEAN OBSERVATORIES



GENERAL INFORMATION

CALL: FP7-INFRASTRUCTURES-2012-1, INFRA-2012-1.1.11.: Fixed point open ocean observatories

Coordination: National Oceanographic Centre Southampton (NOCS, UK)

Partners: 29 from 11 countries drawn from academia, research institutions and SME's (Cape Verde, France, Germany, Greece, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, United Kingdom); 23 Observatories

Type of project: Collaborative Project & Coordinated and Supporting Action

Duration: 4 years, 1st September 2013- 31st August 2017

Remark: CSIC is a Third Party of PLOCAN in this project

Web: <http://www.fixo3.eu/>

The Fixed point Open Ocean Observatory network (FixO3) seeks to integrate European open ocean fixed point observatories and to improve access to these key installations for the broader community. These will provide multidisciplinary observations in all parts of the oceans from the air-sea interface to the deep seafloor.

Open ocean observation is currently a high priority for European marine and maritime activities. FixO3 will provide important data on environmental products and services to address the Marine Strategy Framework Directive and in support of the EU Integrated Maritime Policy.

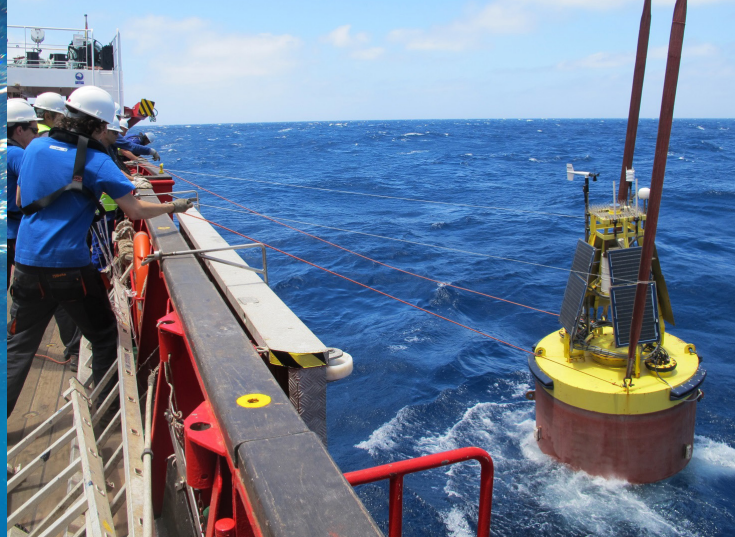
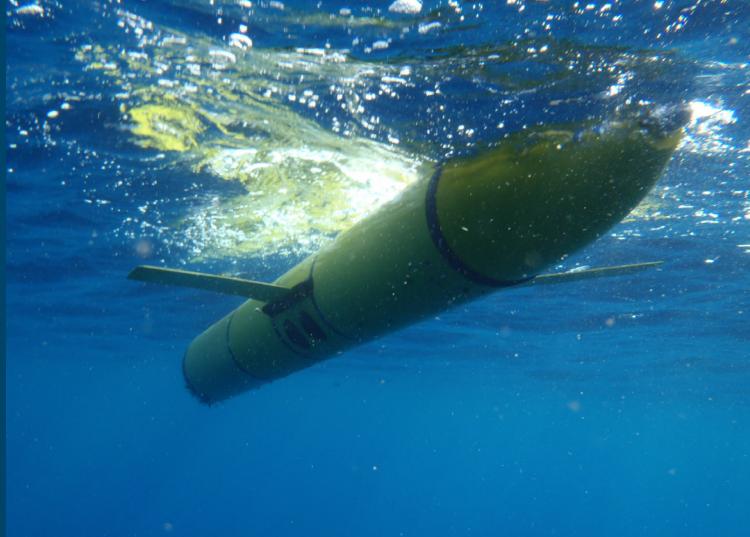
FIX O3 Locations



The FixO3 network will provide free and open access to in situ fixed point data of the highest quality. It will provide a strong integrated framework of open ocean facilities in the Atlantic from the Arctic to the Antarctic and throughout the Mediterranean, enabling an integrated, regional and multidisciplinary approach to understand natural and anthropogenic change in the ocean.

WITHIN THE MEDITERRANEAN





ROLE OF PLOCAN

- Participation with the observatory PLOCAN/ESTOC, offering it for Trans-National Access and providing Service Activities.
- Leader of Work Package 9 - Trans-National Access (TNA) to FixO3 Observatories; co-leader of tasks 7.5 and 7.6 to prepare, publish and evaluate TNA proposals.
- Contribution with the PLOCAN/ESTOC (European Station for Time series Ocean Canary Islands) oceanic observatory, offering TNA and Data Service Activities (SA).
- PLOCAN has as Third Party the CSIC contribution, providing research vessels and seafloor activities.
- Glider fleet with open architecture made available.
- Leader of task 2.6 – Develop and promote sensor interoperability.
- Co-leader of task 6.3 – Contribution to GEO and GEOSS.

