

Fixed Platforms Task Team

 **Giuseppe Magnifico**
giuseppe.magnifico@cnr.it



Fixed Platforms Task Team (FP TT)

- ❑ Ocean observing Fixed Platforms are **deployed in all the European seas to carry out a large variety of measurements**. Fixed platforms are a major contributor to European ocean observing that deliver **data to the major European data aggregators, e.g., CMEMS, EMODnet and SeaDataNet**.
- ❑ The EuroGOOS Fixed Platforms Task Team aims at **integrating the European fixed point observatories, both in the open and coastal ocean**.
- ❑ The Fixed Platforms Task Team is expected to be one of the key communities of practice within EuroGOOS and its member institutes **dealing with issues relating to planning, deployment, maintenance, and sustainability of fixed platforms in European open and coastal seas**.
- ❑ The Task Team will have a role as a **forum**, providing a platform for **exchange of expertise and generation of advice** in the area of the Task Team's purpose. It will be also of a more operational nature, organizing **regular meetings**, establishing **interfaces with communities outside of those of the Task Team, delivering publications and reports**.
- ❑ As all EuroGOOS Task Teams, this activity is an **important building block towards an integrated end-to-end European Ocean Observing System, EOOS**.

Fixed platform observing systems

- ❑ **Fixed platforms or Eulerian observatories** are fixed with respect to their position on or above the seafloor
 - ❑ They may be **part of a coastal feature such as a pier or jetty, or they may be located offshore**
 - ❑ There are **several types of systems** and the **choice about the most suitable platform** is related to:
 - ❑ the **physical processes to be investigated**
 - ❑ the **environmental constraints of the deployment area**
 - ❑ the **expected monitoring period** (in the medium or long term).
- ***Buoys and Moorings (Oceanic and Coastal)***
 - ***Seabed stations***
 - ✓ ***Standalone platforms***
 - ✓ ***Cabled observatories***
 - ***Fixed coastal stations/observing systems***
 - ***River flows/stations (DANUBIUS-RI)***
 - ***Tide gauges (EuroGOOS TT)***
 - ***HF radars (EuroGOOS TT)***



Current FP TT Membership



Belgium

Agency for Maritime and Coastal Services (MDK), Coastal Division

Pieter Gurdebeke



Estonia

Tallinn University of Technology, Marine Systems Institute (MSI)

Urmas Lips



France

French Research Institute for Exploitation of the Sea (IFREMER)

Michel Repecaud

French National Centre for Scientific Research (CNRS)

Laurent Coppola



Germany

Federal Maritime and Hydrographic Agency (BSH)

Kai Herklotz



Greece

Hellenic Centre for Marine Research Institute of Oceanography (HCMR)

Paris Pagonis



Ireland

Marine Institute (MI)

Alan Berry



Italy

National Research Council of Italy (CNR)

Marcello Magaldi

European Multidisciplinary Seafloor and water column Observatory (EMSO ERIC)

Paolo Favali

National Institute of Geophysics and Volcanology (INGV)

Giuditta Marinaro

National Institute of Oceanography and Experimental Geophysics (OGS)

Vanessa Cardin

Italian National Institute for Environmental Protection and Research (ISPRA)

Arianna Orasi



Netherlands

Royal Netherlands Meteorological Institute (KNMI)

Jitze P. van der Meulen



Poland

Institute of Oceanology Polish Academy of Sciences (IOPAN)

Agnieszka Beszczynska-Möller



Spain

Puertos del Estado (PdE)

Marta de Alfonso Alonso-Muñoyerro

Spanish Institute of Oceanography (IEO)

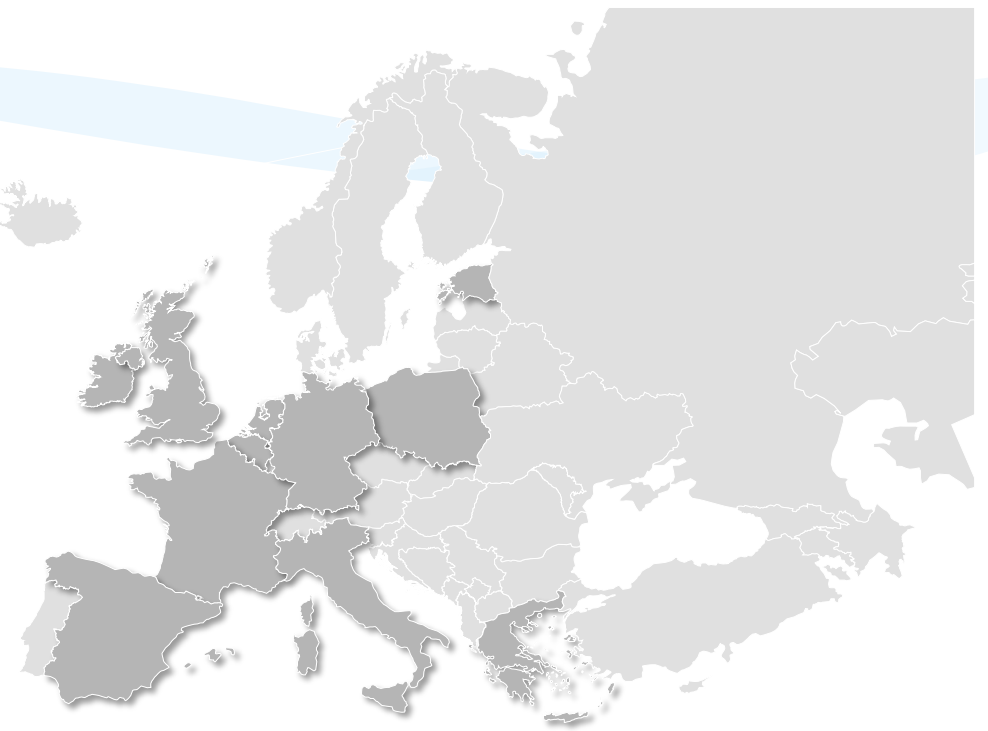
Raquel Somavilla



UK

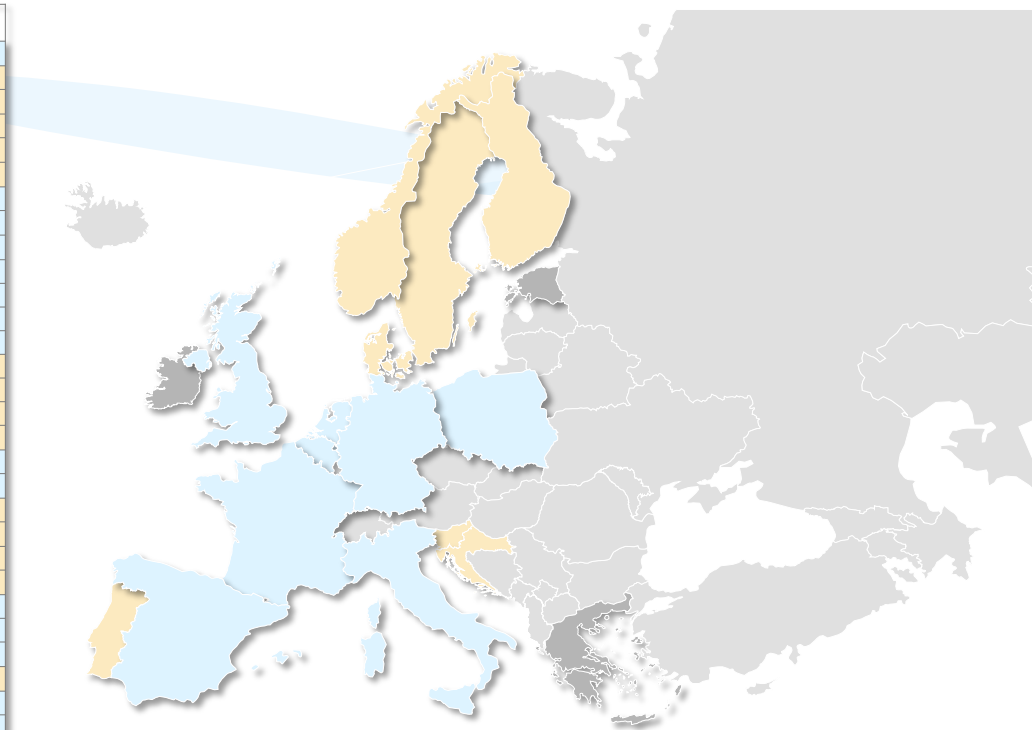
National Oceanography Centre (NOC)

Andrew Gates



FP TT Missing Members

Country	Institution	Contact person
Belgium	Royal Belgian Institute of Natural Sciences (RBINS), OD NATURE	Sébastien Legrand
	Croatian Meteorological and Hydrological Service (DHMZ)	Dijana Klaric
Croatia	Croatian Institute of Oceanography and Fisheries (IZOR)	Hrvoje Mihanovic
	Danish Meteorological Institute (DMI)	Steffen Olsen
Denmark	Defence Centre for Operational Oceanography (FCOO)	Niels Holt
Finland	Finnish Meteorological Institute (FMI)	Jari Haapala
France	SHOM	Corine Lochet
	Mercator Ocean	Pierre Bahurel
Germany	Helmholtz-Zentrum Geesthacht (HZG)	Emil Stanev
Italy	Euro-Mediterranean Center on Climate Change (CMCC)	Giovanni Coppini
	Italian National Agency for new technologies, energy and sustainable economic development (ENEA)	Gianmaria Sannino
Netherlands	Deltares	Nicki Villars
	Rijkswaterstaat	Harm Oterdoom
Norway	Norwegian Institute for Water Research (NIVA)	Andrew King
	Institute of Marine Research (IMR)	Henning Wehde
	Norwegian Meteorological Institute (MET Norway)	Øyvind Sætra
	Nansen Environmental and Remote Sensing Center (NERSC)	Stein Sandven
Poland	Institute of Meteorology and Water Management (IMGW-PIB)	Tamara Zalewska
	Maritime Institute in Gdansk (MIG)	Maritime Institute in Gdansk (MIG)
Portugal	Hydrographic Institute (IH)	-
	Portuguese Institute for the Ocean and Atmosphere (IPMA)	Maria Ana Martins
Slovenia	Slovenian Environment Agency	Maja Jeromel
	National Institute of Biology (NIB)	Branko Čermelj
Spain	SOCIB – Balearic Islands Coastal Ocean Observing and Forecasting System	Joaquín Tintoré
	Oceanic Platform of the Canary Islands (PLOCAN)	Eric Delory
	AZTI	Julien Mader
Sweden	Swedish Meteorological and Hydrological Institute (SMHI)	Patrick Gorringe
United Kingdom	Centre for Environment, Fisheries and Aquaculture Science (Cefas)	Veronique Creach
	UK Met Office	John Siddorn



Country not represented at all

Country represented, not by all its EuroGOOS members

EuroGOOS > Fixed Platforms

Fixed Platforms

Fixed platforms are located in various areas of the European seas, to carry out a large variety of measurements. The EuroGOOS Fixed Platforms Task Team aims at integrating the European fixed point observatories, both in the open and coastal ocean. As all EuroGOOS Task Teams, this activity is an important building block towards an integrated end-to-end European Ocean Observing System, EOOOS.

The Task Team reports to EuroGOOS Executive Board and General Assembly.

The EuroGOOS Fixed Platform Task Team aims to:

- Develop Europe's Fixed Platform network and assist in the standardization of operations by sharing best practices, also in keeping with other relevant programmes at global level (such as OOI, ONC, IMOS, DONET).
- Contribute to the development of the European Ocean Observing System (EOOS).
- Ensure the integration of Fixed Platforms in open and coastal ocean.
- Provide European input to the OceanSites community and other relevant initiatives.
- Enhance the number of biogeochemical measurements in European seas.
- Ensure data availability via the EuroGOOS ROOS data portals and hence to CMEMS and EMOdnet.
- Deliver recommendations on data structure, format, and dissemination (interoperability of datasets) and quality control procedures.
- Foster the co-operation with Research Vessel operators in terms of existing networks, projects, and other relevant coordination initiatives with large and well-equipped facilities (e.g., ERVO, OFEG and EurofleetsPlus project).
- Establish a link with DBCP (Data Buoy Cooperation Panel) and E-SURFMAR in order to coordinate activities and best practices.
- Link with EuroGOOS ROOSes, Working Groups and Task Teams and relevant ongoing programmes/projects (e.g., CMEMS INSTAC, EMOdnet, JERICO-RI, etc.) and Research Infrastructures (such as EMSO ERIC) to avoid duplication of efforts.

Documents

- Presentations from the first Task Team meeting held virtually on 25 March 2021 available [HERE](#)

Fixed Platform Task Team Terms of Reference:

- [Fixed Platforms Terms of Reference](#) (241.2 KIB)



Oceanographic buoy (Credit: Slovenian National Institute of Biology)

Current FP TT Webpage

In the other EuroGOOS Task Teams:

- **Terms of Reference published** (Tide gauges, Gliders and HF radars TTs)
- **Membership** (All TTs)
- **Community news letter** (HF radars TT)
- **Map of locations** (HF radars TT)
- **Task Team documents and reports** (FerryBox and Tide gauges TTs)
- **Upcoming events** (Tide gauges TT)
- **Link to a Website** (FerryBox and Argo-floats TTs)

FIXED PLATFORMS TASK TEAM

Kick Off Meeting
March 25th, 2021 (Virtual)
15:00-18:00 CET

TIME	TALK	SPEAKER
15:00-15:10	Welcoming and housekeeping Objectives of the meeting Agenda presentation	Vicente Fernández Giuseppe Magnifico
15:10-15:15	Formal election of co-Chair	Giuseppe Magnifico
15:15-15:30	EuroGOOS Fixed Platforms Task Team - Introduction	Giuseppe Magnifico
15:30-16:10	Contribution from EuroGOOS Fixed Platforms Task Team Members	EuroGOOS Fixed Platforms Task Team Members
16:10-16:20	Coffee break	
16:20-16:50	Contribution from EuroGOOS Fixed Platforms Task Team Members	EuroGOOS Fixed Platforms Task Team Members
16:50-17:50	Open discussion	All
17:50-18:00	Conclusion	Giuseppe Magnifico

Formal election of co-Chair

- ❑ As per the EuroGOOS FP TT Terms of Reference, the Chair can be supported by a **co-Chair, elected at the kick-off meeting**
- ❑ **Call for nominations for co-Chair** was sent out together with the call of nominations for Task Team membership on the 27th November 2020 (+ some reminders)
- ❑ **One nomination was received** for co-Chair on the 18th of January 2021



Alan Berry
*Section Manager
Marine Research Infrastructures
Marine Institute
Oranmore
Co. Galway
Ireland*



Vicente Fernández
*EuroGOOS Science officer
supporting the Task Team
Chairs*

Key achievements (September 2020 – May 2021)

- ❑ **Update** of EuroGOOS Fixed Platforms Task Team (FP TT) **Terms of Reference**
- ❑ **Selection of the Chair** of the FP TT
- ❑ **Approval of Terms of Reference** and Chair by the EuroGOOS Executive Directors Board
- ❑ **Call for nominations** for Task Team **membership and for co-Chair** of the FP TT
- ❑ **Kick Off meeting** of the EuroGOOS FP TT, **Virtual, March 25, 2021**, 15:00-18:00 CET
- ❑ **Minutes** of the FP TT Kick Off meeting with first analysis of the expectations from the FP TT presented by each FP TT member to be used to develop the **first annual EuroGOOS FP TT implementation plan**

Main priority areas

- ❑ **Sharing** of Experience, Knowledge, Expertise, Best Practices and Standards (design, operation, calibration, QC, data management, etc.)
- ❑ **Expanding** Observations in European Sea (EOVs, ECVs, bio/eco -logical)
- ❑ **Dealing** with Technological Issues
- ❑ **Delivering** Recommendations, Proposals and Solutions on Data/Metadata
- ❑ **Fostering** Links and Synergy inside and outside EuroGOOS
- ❑ **Contributing** to EOOS
- ❑ **Contributing** to SDGs/UN Decade
- ❑ **Developing** Joint Initiatives and Projects

Next major activities

- ❑ To **implement the EuroGOOS FP TT webpage** (membership, pictures of the facilities, info on events, etc.)
- ❑ To execute a **survey in order to map the direct involvement of FP TT members** in and/or relationship with ongoing (**inside and outside EuroGOOS**) initiatives relevant to the FP TT
- ❑ Based on the outcome of the previous action, **to identify FP TT members as ambassadors within/ links** with ongoing (**inside and outside EuroGOOS**) initiatives relevant to the FP TT
- ❑ To **organise ad-hoc FP TT virtual meetings to further discuss on specific topics** of interest for the FP TT, including invited speakers
- ❑ To **set up temporary (small) technical working groups on specific topics** to find out operative solutions that the FP TT will be able to implement
- ❑ To **regularly review the membership of the FP TT**, fostering the engagement of new members in the near future, especially members from European countries not yet represented in the FP TT (**Croatia, Denmark, Finland, Norway, Portugal, Slovenia and Sweden**)
- ❑ **Next planned meetings:** September/October 2021, March/April 2022, September/October 2022 (dates to be confirmed)



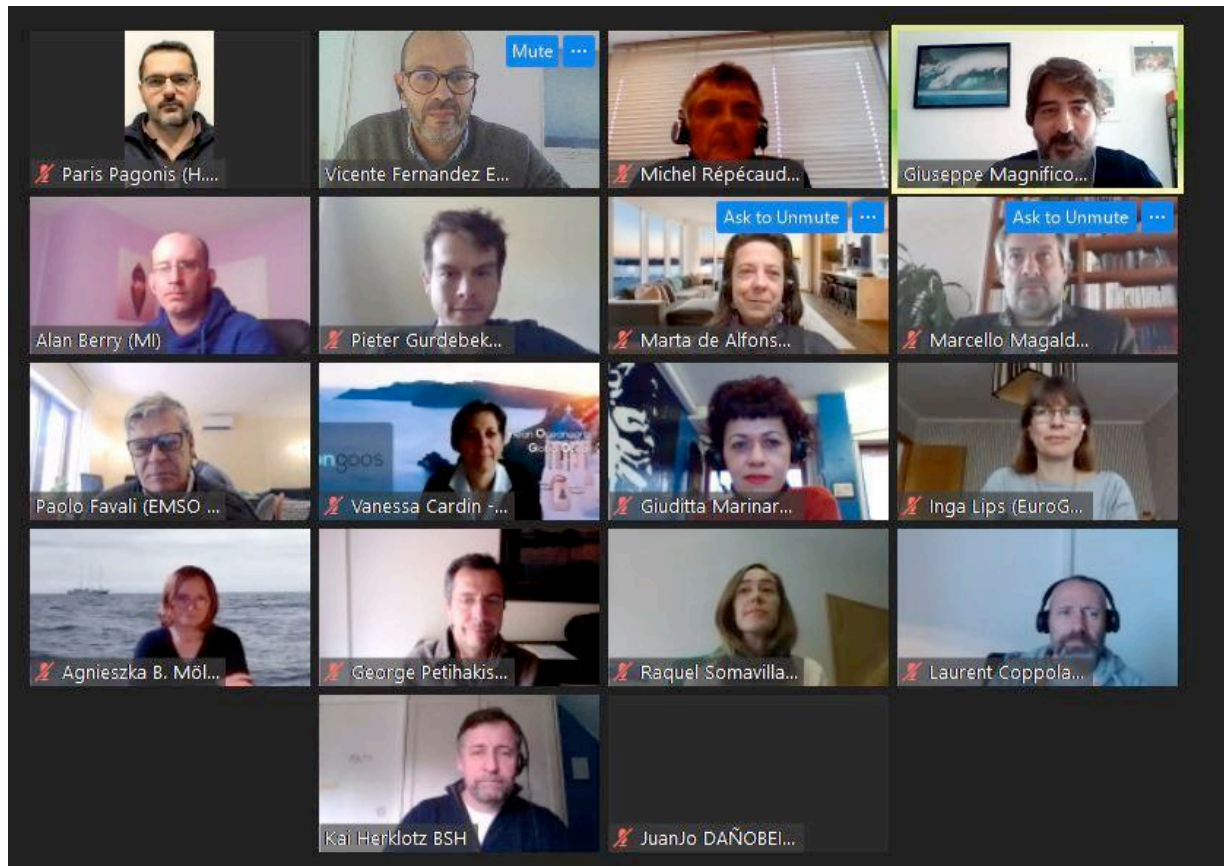
EuroGOOS
European Global Ocean
Observing System

FIXED PLATFORMS TASK TEAM

Kick Off Meeting

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THANK YOU

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