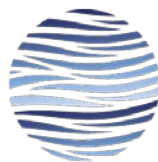




# Together for sustained ocean observing and maritime services



**EuroGOOS**  
European Global Ocean  
Observing System



IDENTIFY



PROMOTE



FOSTER

1

# Why EuroGOOS?

Seas and oceans have always been important for Europe. Today, ocean observing, forecasting and service development have an unprecedented potential to help meet societal challenges.

Ocean observing, forecasting and services, otherwise called operational oceanography, underpin significant **decision and policy making** in the marine domain.

Operational oceanography comprises ocean measurements systematically taken both **in water** (in situ) and **remotely** (from aircraft or from space), as well as the derived marine data and services delivering quick and precise **information and forecasts** about the ocean state.

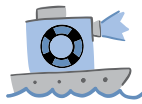
This information is paramount for any uses of the ocean, e.g. **navigation, storm surge forecast, search and rescue operations, maritime spatial planning**, etc. Operational oceanography also delivers critical information for **environmental research** and for **exploring new ocean technologies** for renewable energy, biotechnology, or oil, gas and mineral exploration in the deep sea.



MARITIME  
ACTIVITIES



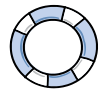
WEATHER  
FORECASTS



SEARCH AND RESCUE  
OPERATIONS



CLIMATE  
MODELLING



BLUE  
ECONOMY

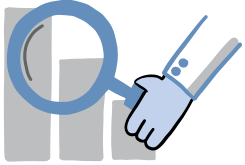
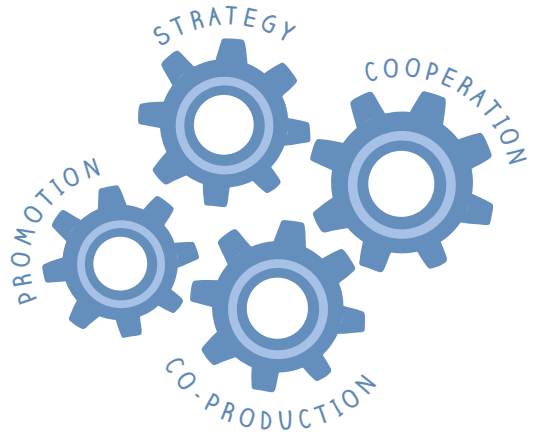
EuroGOOS members and regional partners deliver those services to their nations, and collectively, through EuroGOOS, improve the overall **European capacity and competitiveness**. Through EuroGOOS this vast network works together to strategically align efforts, enhance technological development, unlock existing marine data, and share capacity in and beyond Europe.



ABOUT HALF OF  
EUROPEANS LIVE IN  
COASTAL REGIONS.

# Tangible value

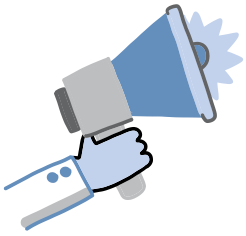
Bringing together individual achievements we create a solid joint European capacity.



## IDENTIFY

### We **identify** European priorities for operational oceanography:

- **Bringing** together a vast European operational oceanographic network across nations and regions.
- **Unlocking** individual public and private marine data for a shared common benefit.
- **Interfacing** with the research community, industry, maritime users, and European policymakers.



## PROMOTE

### We **promote** operational oceanography and the development of underpinning science and technology:

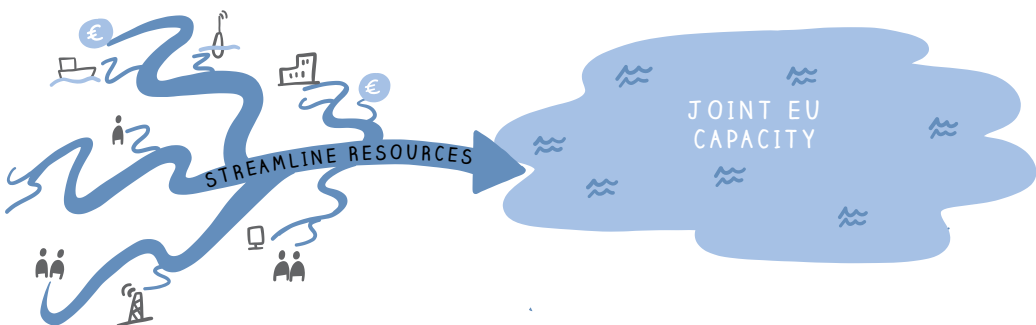
- **Delivering** a forum for engaging with stakeholders towards a European Ocean Observing System.
- **Representing** European oceanography at global and regional levels.
- **Implementing** a targeted communication strategy towards a sustained and fit-for-purpose European Ocean Observing System.



## FOSTER

### We **foster** cooperation within operational oceanography:

- **Maximizing** the impact of European research funding.
- **Working** closely with key organizations on a regional, European, and global scale.
- **Supporting** development of commonly available operational, observation and model-based, products and services.



# Who are we?

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**EuroGOOS works towards sustained ocean observations and fit-for-purpose products and services for marine and maritime users.**

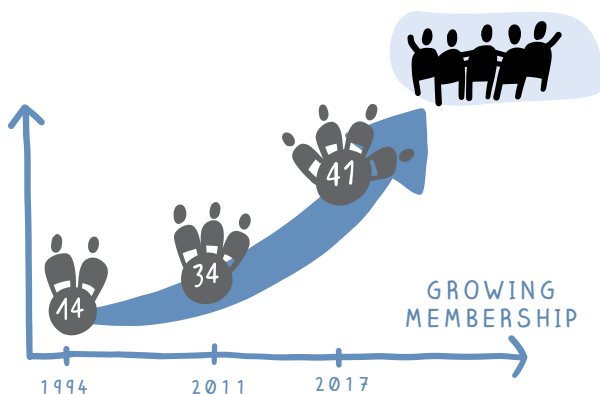
Operational oceanography can advance only by **maintaining strong links** with the research community, bringing about **technology innovation**, while industry, end users and EU policies play a key role in **shaping future** requirements.



## EuroGOOS

European Global Ocean Observing System

Founded in **1994** as an informal association; since February **2013**, EuroGOOS is established as an **International Non-Profit Organization in Belgium** (EuroGOOS AISBL) increasing **efficiency** and **improving** the representation of its members towards the European Commission, and other European and international bodies. EuroGOOS operates within the **Global Ocean Observing System** of the Intergovernmental Oceanographic Commission of UNESCO (IOC GOOS).



COORDINATED REPRESENTATION



PROMOTION OF STRATEGIES



HARMONIZED CONTRIBUTIONS



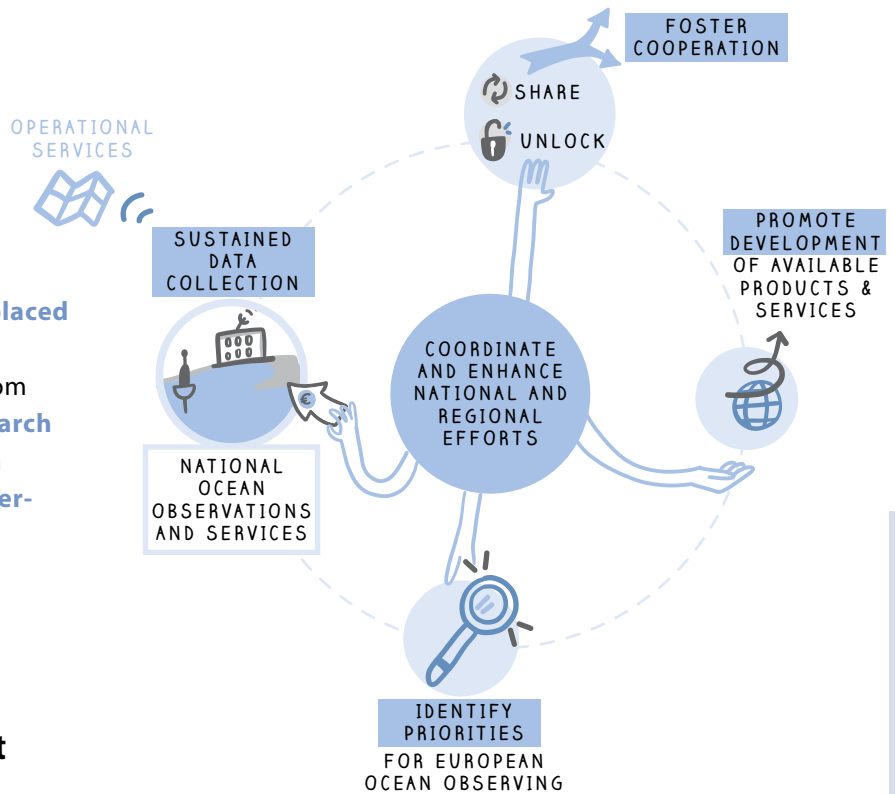
ENGAGEMENT



NETWORKING

Since its foundation, EuroGOOS has been **bringing together** the oceanographic community at a **tri-annual international conference**. Eight EuroGOOS conferences have taken place to date, each considered as a milestone. The conferences **reflect the state-of-play** and **set future priorities** for European oceanography across the full value chain, from **observations** to **data processing and modelling**, and to **delivering fit-for-purpose services** and products for users.

EuroGOOS is **centrally placed** in the European ocean observing landscape, from **data collection**, to **research infrastructures**, to **data management** and to **user-interfaces**.



## Who can benefit from EuroGOOS activities?



POLICY



RESEARCHERS



INDUSTRY



SERVICES

EuroGOOS members benefit from a **coordinated representation** at European, regional and global levels and **promotion of common strategies** for sustainable ocean observing. EuroGOOS engages in **key initiatives** with European and global impact and interfaces with the wider marine research community and industry. This **enhanced cooperation** leads to commonly available oceanographic products and services as well as **increased funding opportunities** and investments in operational oceanography towards a sustained European Ocean Observing System.

EuroGOOS **Kostas Nittis Medal and a travel grant** is awarded each year to a brilliant young marine professional selected from a pool of nominations from EuroGOOS members. The awardee gets a chance to **present their research or technology** at relevant events, **building a professional network, gaining real life experience** and **reaching out** to potential partners and employers.



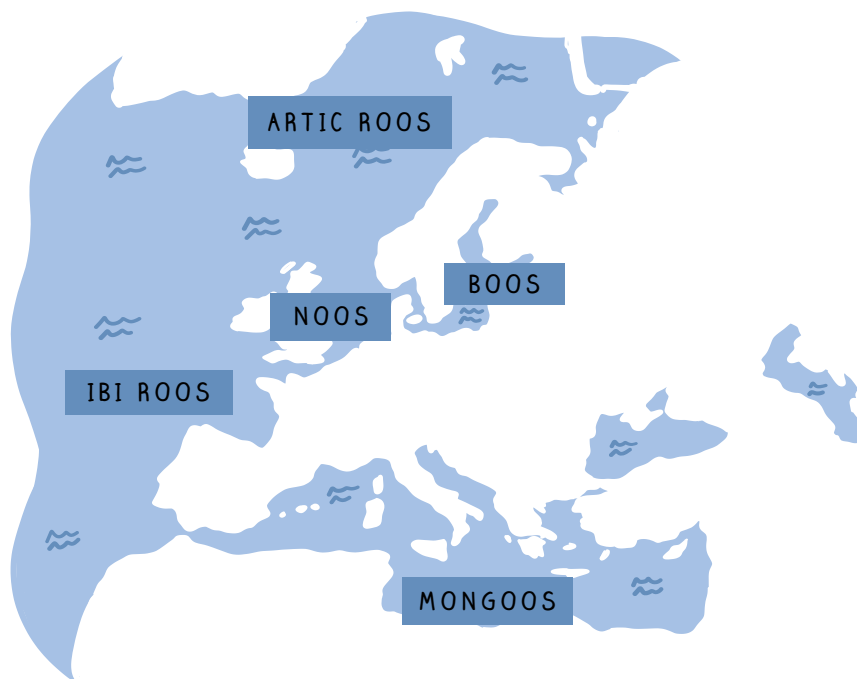
# How does it work?

## Members

EuroGOOS members are working in the field of **operational marine services** or related **marine research**. The activities of the organization are managed by the Executive Directors Board composed of a Chair and six members, appointed by the General Assembly. The EuroGOOS Office is managed by the EuroGOOS Secretary General supported by oceanography, communications, and administration professionals ensuring the organization's high-quality outputs.

## Regions

Five **Regional Operational Oceanographic Systems** (ROOS) have been defined. EuroGOOS ROOS feed marine data to pan-European portals bringing a tangible added value to European cooperation. Working hand in hand, EuroGOOS members, ROOS, and other EuroGOOS networks jointly enhance the European leadership in ocean observing, forecasting and services.



**ARCTIC ROOS** ARCTIC REGIONAL OPERATIONAL OCEANOGRAPHIC SYSTEM

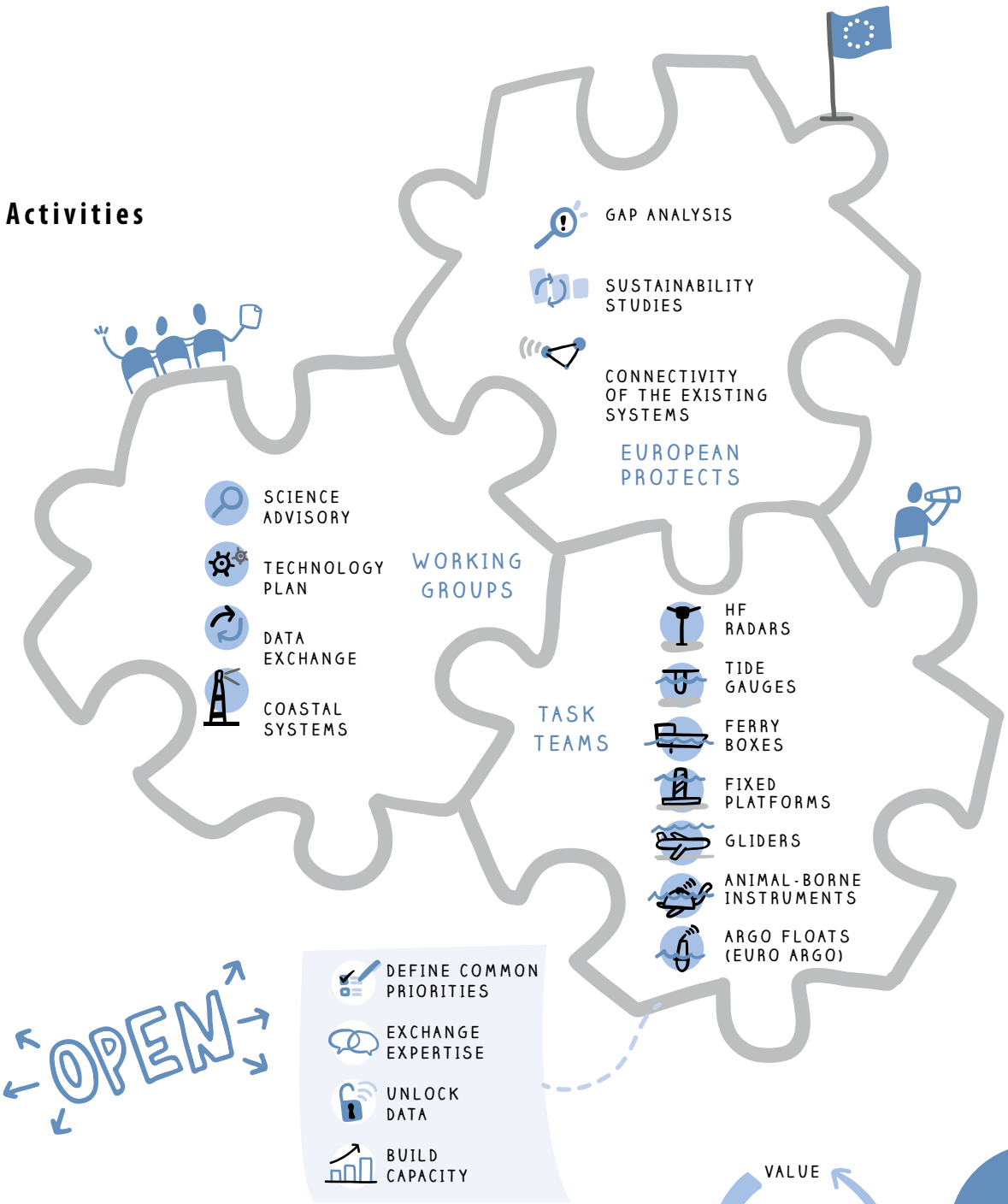
**NOOS** NORTH-WEST-SHELF OPERATIONAL OCEANOGRAPHIC SYSTEM

**IBI-ROOS** IBERIA-BASCAY-IRELAND REGIONAL OPERATIONAL OCEANOGRAPHIC SYSTEM

**BOOS** BALTIC OPERATIONAL OCEANOGRAPHIC SYSTEM

**MONGOOS** MEDITERRANEAN OPERATIONAL NETWORK FOR THE GLOBAL OCEAN OBSERVING SYSTEM

# Activities



## Operational oceanographic value chain



