



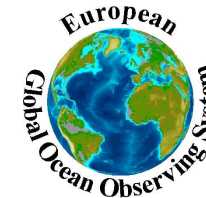
EuroGOOS

European Global Ocean Observing System

Enrique Álvarez Fanjul (Puertos del Estado)
Hans Dahlin (Director), Siân Petersson (Office Manager)
EuroGOOS Office, SMHI, SE-601 76 Norrköping, Sweden
Tel: +46 11 495 8030 Fax: +46 11 495 8001
e-mail: eurogoos@eurogoos.eu
website: www.eurogoos.eu

Peter Ehlers (Chair): peter.ehlers@gmx.de

Index



- **¿What is operational oceanography?**
- **¿What is EuroGOOS?**
- **Some EuroGOOS achievements**
- **The framework: EuroGOOS as part of GOOS**
- **Future challenges**

¿What is operational oceanography?

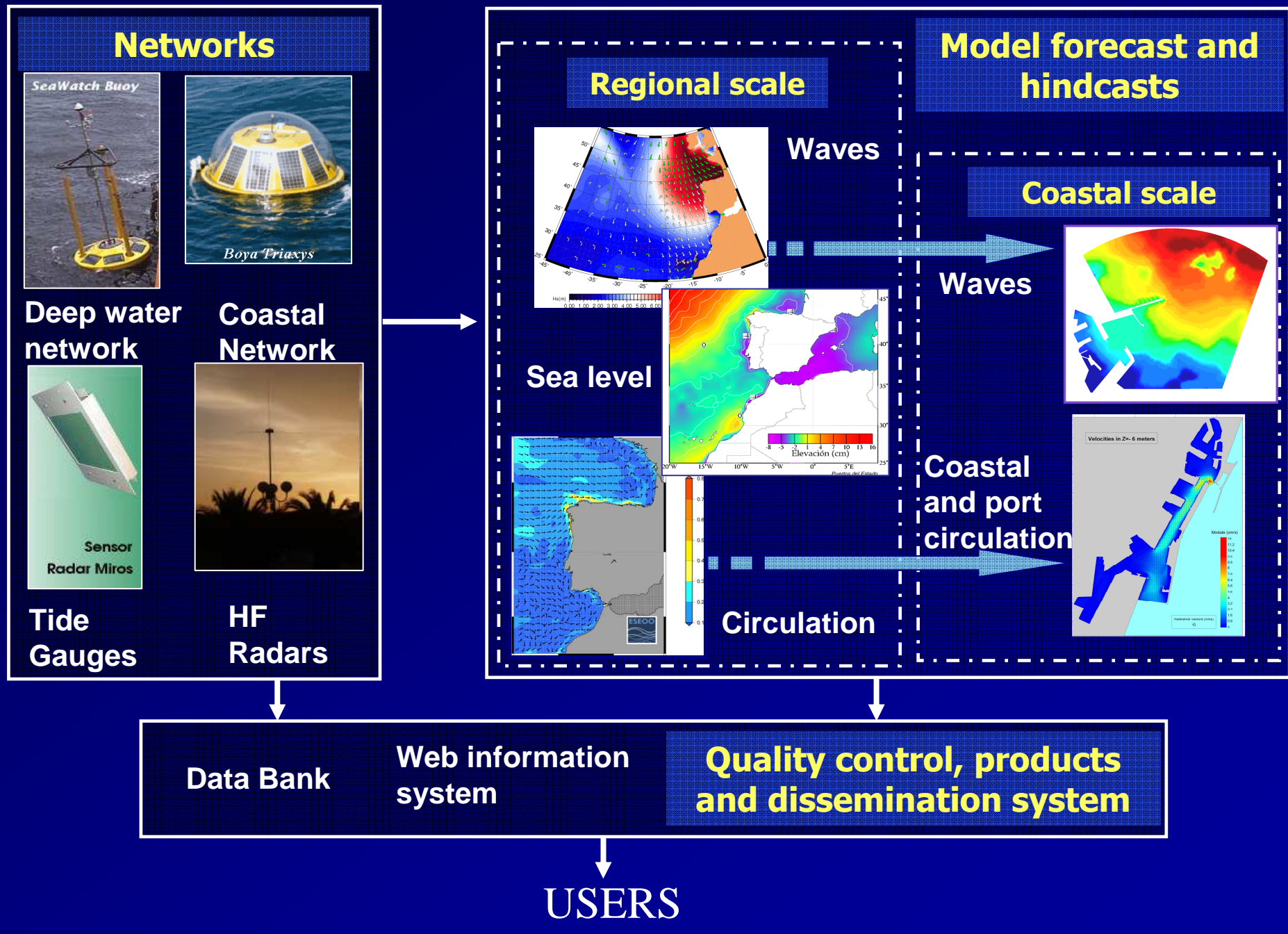


The activity of systematic and long-term routine measurements of the seas, oceans and atmosphere, and their rapid interpretation and dissemination.

Important products derived from operational oceanography are:

- **Nowcasts**
- **Forecasts**
- **Hindcasts assembling long term data sets**

An example of an OO system. Puertos del Estado system



¿What is EuroGOOS?



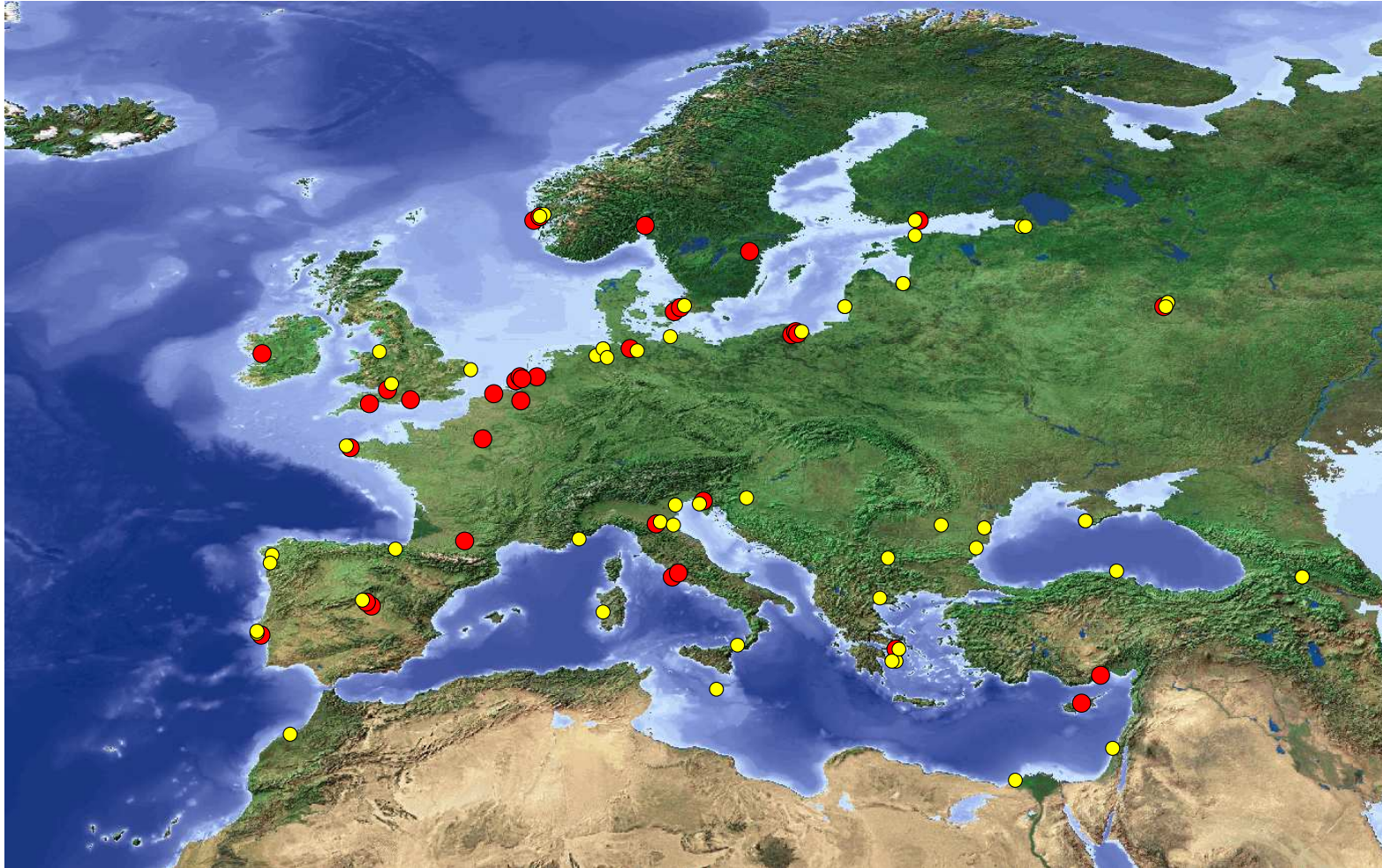
EuroGOOS is an Association of Agencies, founded in 1994, to further development of Operational Oceanography in the European Sea areas and adjacent oceans.

EuroGOOS now has 36 Members in 18 European countries.

The EuroGOOS network has 55 additional partners in the European regional operational systems, ROOSs.

The organisation is based on an agreement signed by heads of agencies, and is self-financed through annual member subscriptions.

The Present Network



- 36 Members
- 55 Additional Regional Partners



Some objectives

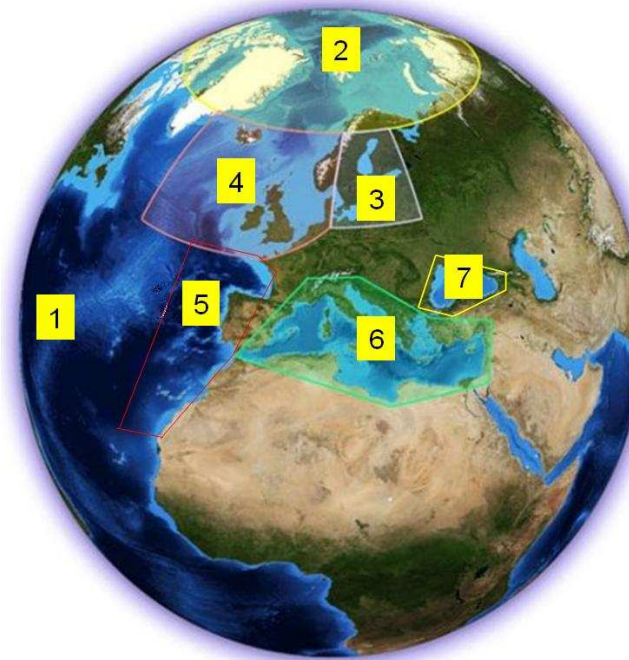
- Promote Operational Oceanography
- Foster co-operation
- Find ways to improve the members' capability to carry out their duties
- Find the most efficient jointly use of members' available resources
- Foster a sustained production of required marine/maritime services at scales larger than national
- Promote the funding of research and development in operational oceanography
- Give advice and submit joint position papers on European scale operational oceanography

Some achievements 1

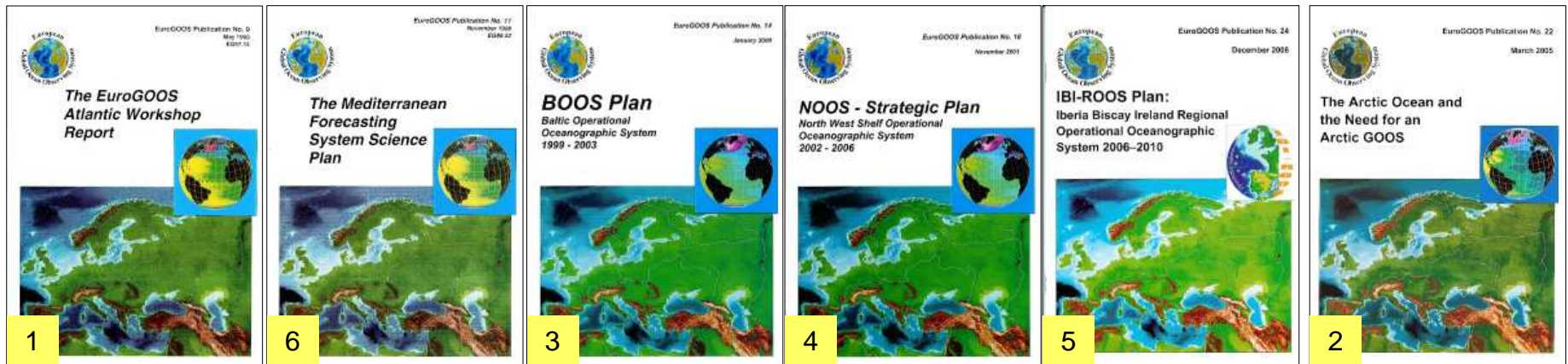
Co-ordination

Very early on, EuroGOOS chose a user-driven bottom-up approach where the regional scale was the most appropriate scale for co-operation and co-production.

EuroGOOS Regional Task Teams have built and continue to build Regional Operational Oceanographic Systems, ROOSs.

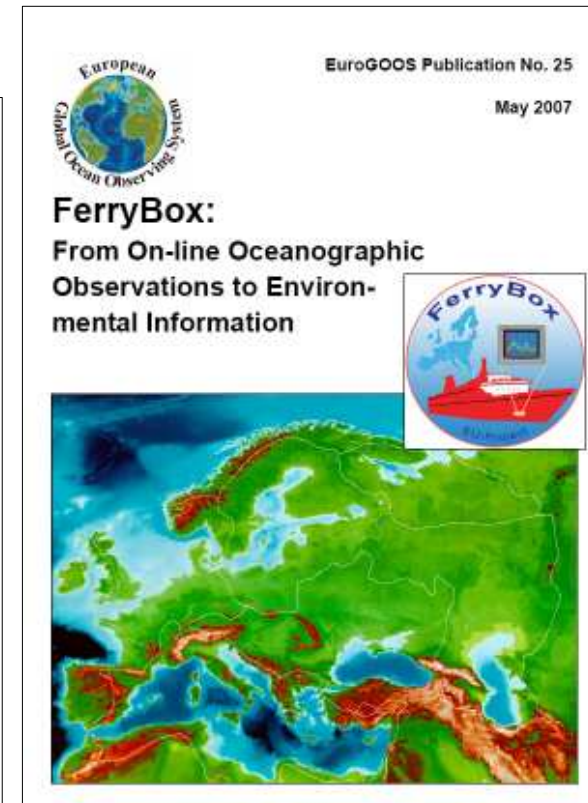
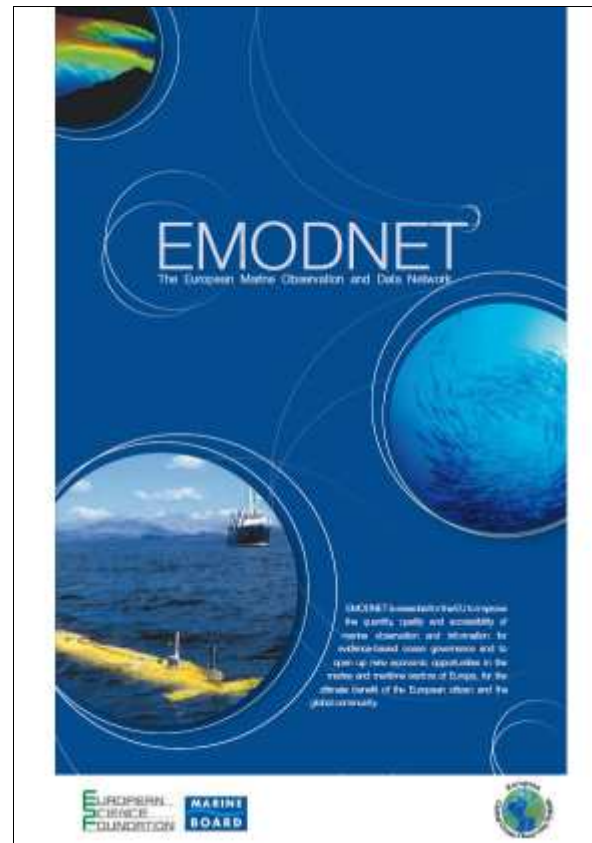


- 1. Global
- 2. Arctic
- 3. Baltic
- 4. NWS
- 5. IBI
- 6. Med Sea
- 7. Black Sea



Some achievements 2

Promotion of systems and technology



Some achievements 3

Every third year International Conference on Operational Oceanography



Some achievements 4


Inventories



EDIOS
European Directory of the Ocean-observing System

EuroGOOS


Home
What is EDIOS?
Search Directory
Add to Directory
Feedback



The EDIOS Directory
EDIOS is the European Directory of the Ocean-observing System, a unique searchable metadatabase.

The EDIOS directory provides a new internet-based tool for searching information on observing systems operating repeatedly, regularly and routinely in European waters. The EDIOS directory contains metadata on European observing systems such as platforms, repeated ship-borne measurements, buoys, remote imagery, etc. EDIOS is an initiative of the European Global Ocean Observing System (EuroGOOS). The directory was developed during the EDIOS project, co-funded by the European Commission Research Directorate General.

Partner Portal



A EuroGOOS Initiative

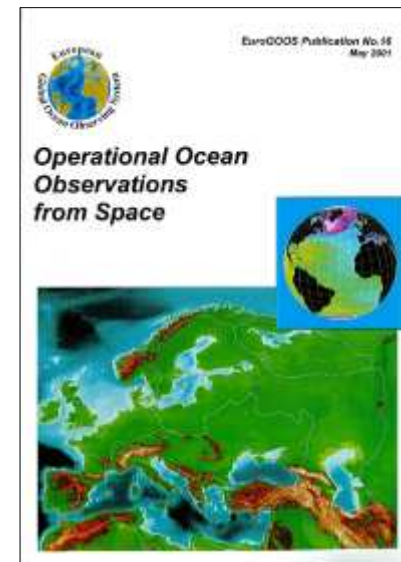
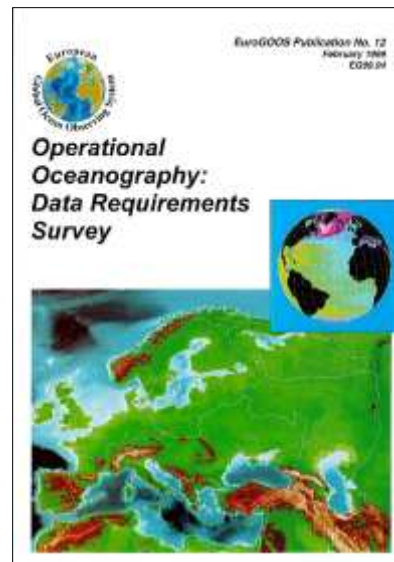
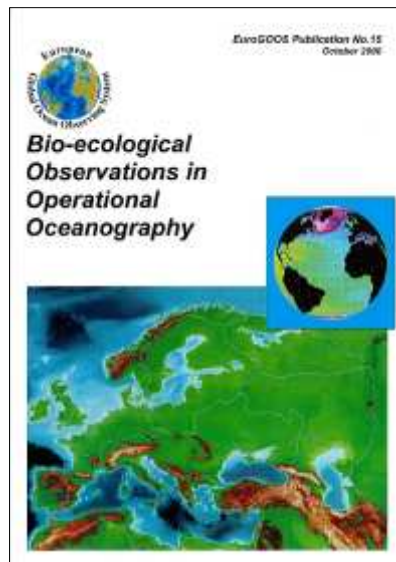
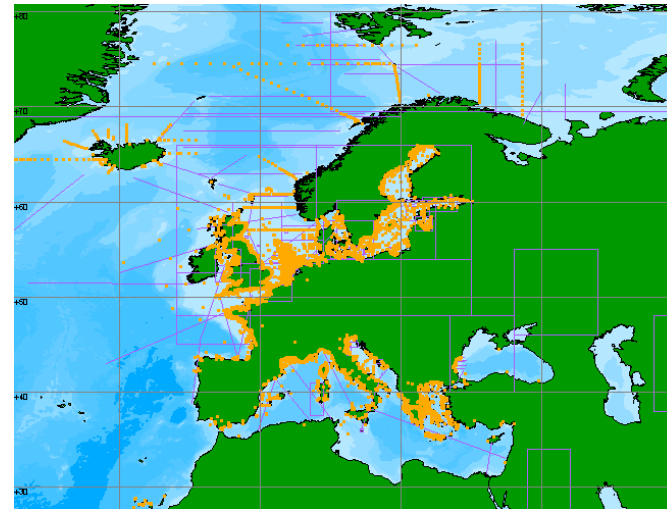
Co-funded by European Commission DG Research

QUICK SEARCH
Click image for Quick Search!

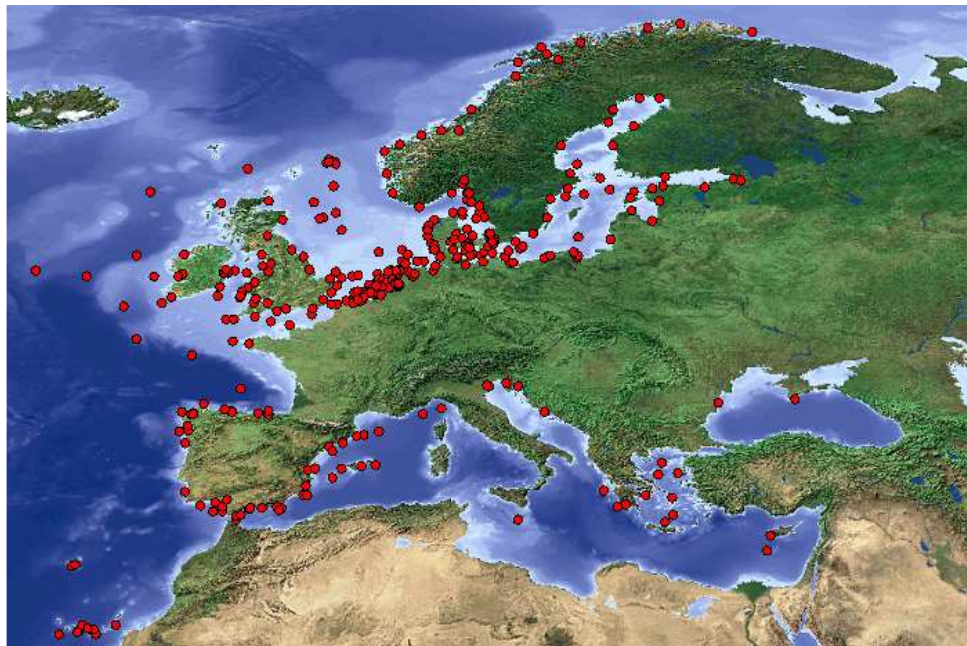
A statistical matrix allowing a quick and simple search on the EDIOS data

FULL SEARCH
Click image for Full Search!

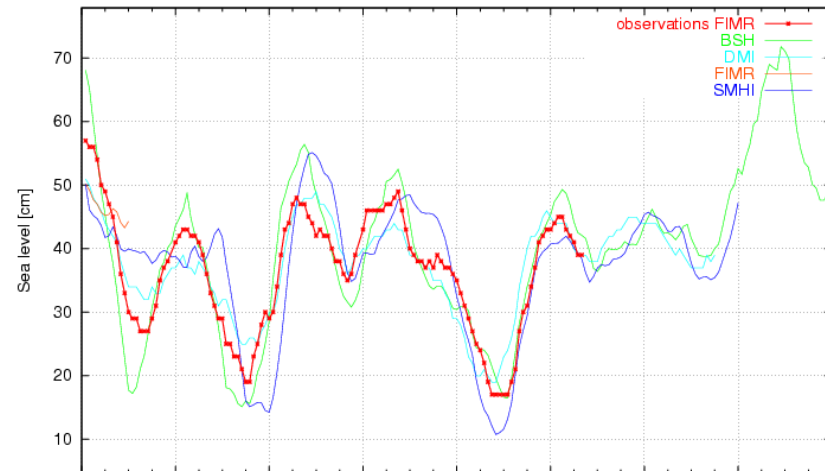
Focus your search by input of search criteria to explore the EDIOS database



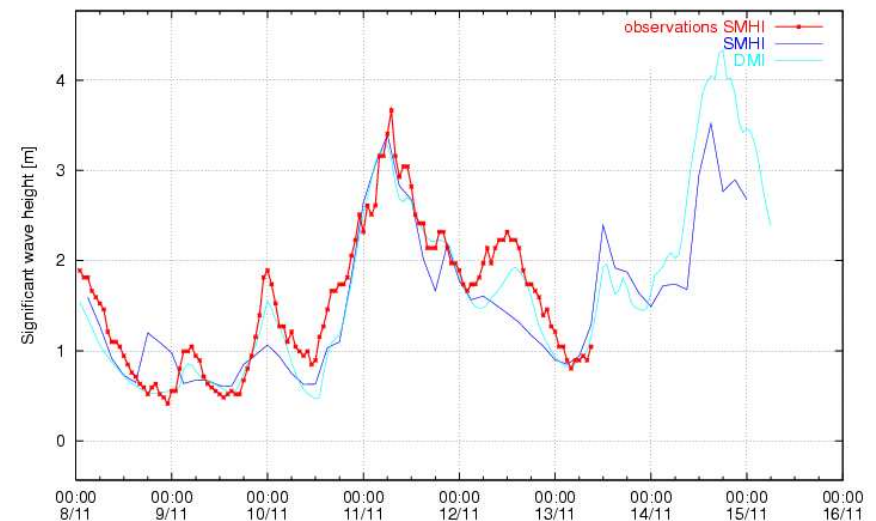
5 Real time data exchange from observations (red) and models



Sea level at Helsinki

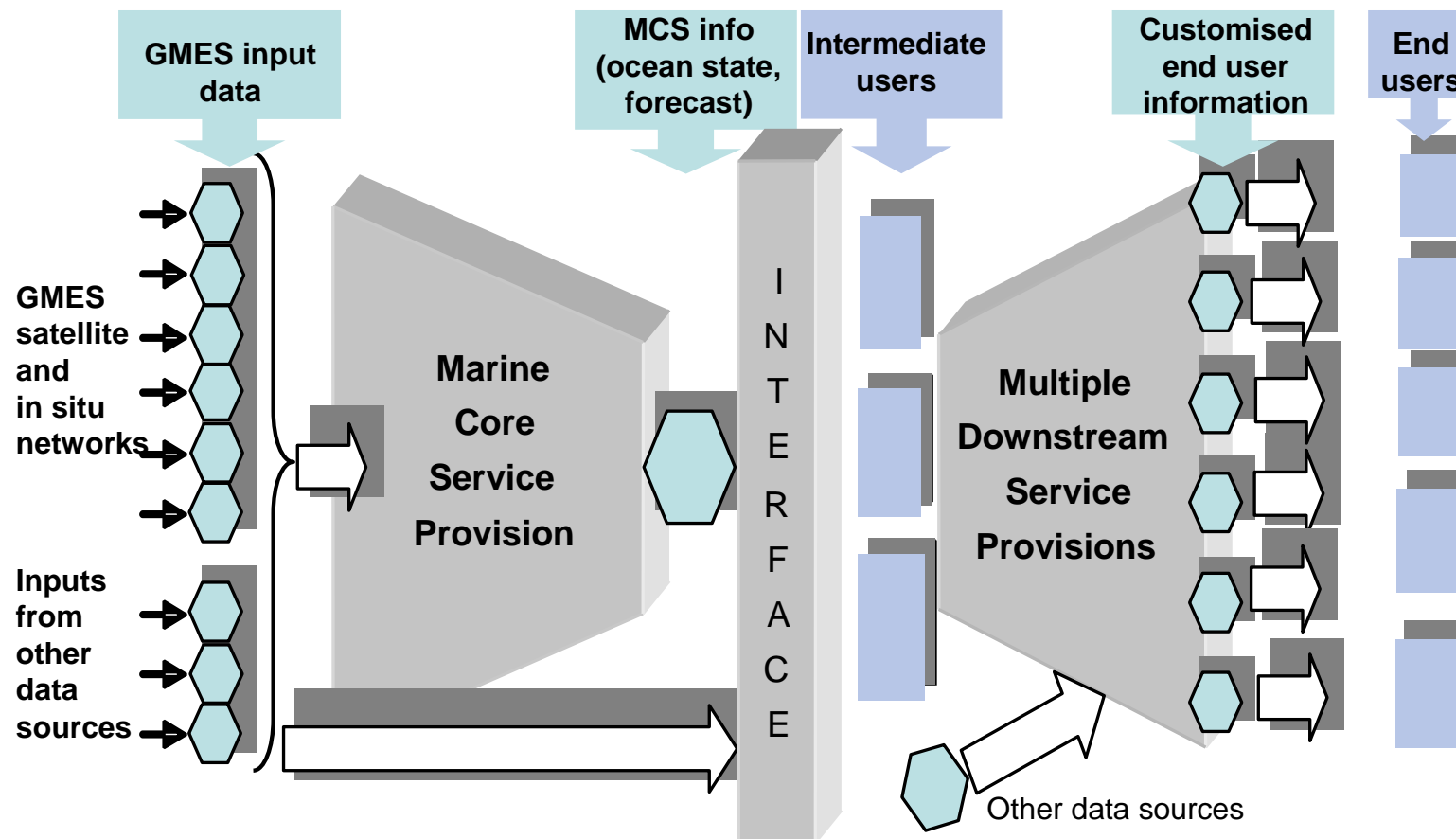


Significant wave height at Väderöarna



Some achievements 6

Marine Core Services (GMES, MyOcean)

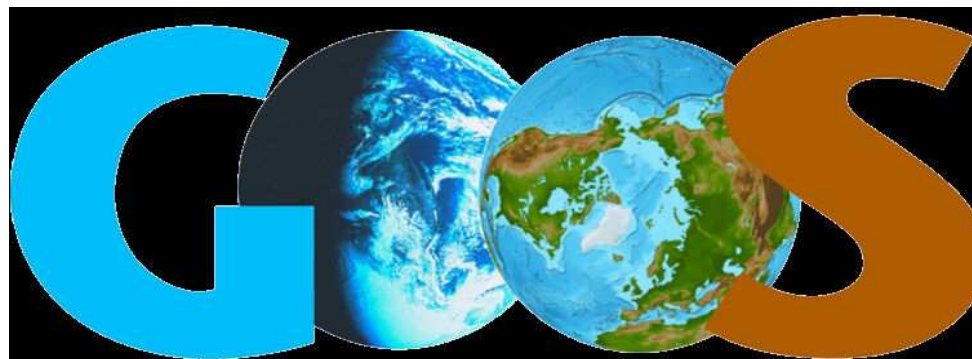


EuroGOOS members and partners are:

Data providers Operators Intermediate users Service providers



EuroGOOS is the European component of GOOS

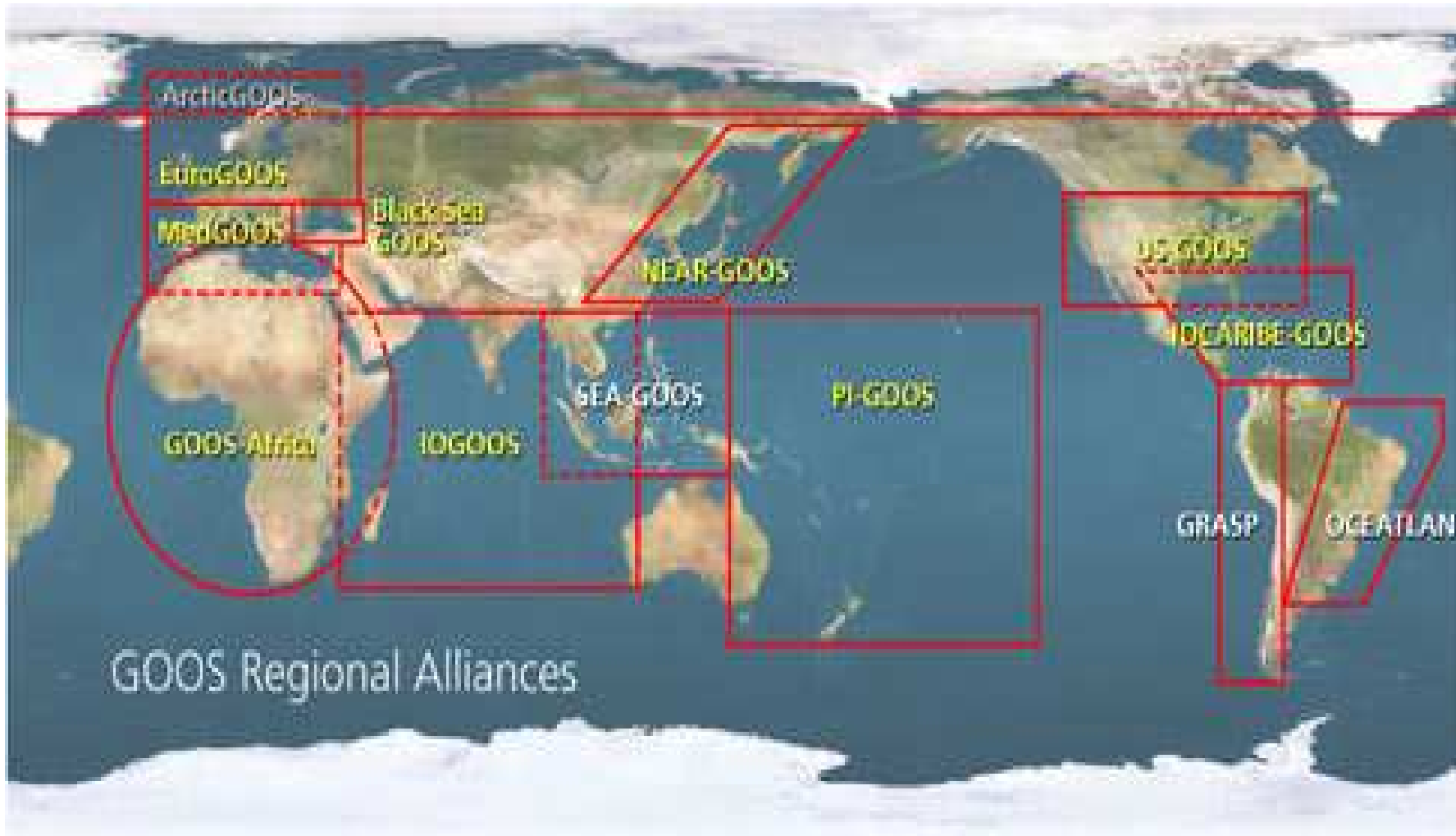


GOOS is the Global Ocean Observing System, a system of programmes, each of which is working on different and complementary aspects of establishing an operational ocean observation capability for all of the world's nations.

The Global Ocean Observing System is a joint initiative of:



EuroGOOS is an advanced Regional Alliance of the Global Ocean Observing System, GOOS



Challenges for the development of European Operational Oceanography



- Existing gaps in the measuring system
- Lack of long term commitments to maintain the systems
- Improve the visibility and the understanding by the society of the economic impact and benefit of the Operational Oceanography systems
- Responsibility for oceanographic systems often divided between several agencies, institutes and ministries. A coordination effort, leaded like in the last decade by EuroGOOS, required.



Thanks for your attention