



EuroGOOS
European Global Ocean
Observing System

EOOS Context

2008: Joint EMB-EuroGOOS paper on EMODNET

2009: Framework for Ocean Observing (basis for AtlantOS)

2010: Ostend Declaration: “Support the development of a truly integrated and sustainably funded “European Ocean Observing System” to establish Europe’s global leading role in marine science and technology...”.

2013 (January) : Marine Research Infrastructures report

2013 (June): Navigating the Future IV (Chapter 11 describes EOOS)

2014: Rome Declaration ‘Making EOOS a reality’, Jan Mees (Chair of EMB) and Erik Buch (Chair of EuroGOOS), made a call for action.



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EOOS definition

Def 1: “EOOS is a sustained and integrated observing system for Europe’s seas in order to understand the current state and key processes that underpin the sustainable management of marine resources”

Def 2: “EOOS is a sustained and integrated observing system that characterises the state of the European seas and oceans providing effective management into the future”

Def 3: “EOOS creates knowledge to drive sustainable development and blue growth through understanding and predicting the state of the European seas and oceans”



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Concepts: Framework

Provide maximum benefit by optimising and integrating

Should be more aspirational (emphasise growth)

Measurable impacts

Clearer role of science

An observational infrastructure

Saving time and money (emphasise cost effectiveness)

Free open and quality assured

Provide strategic oversight

Emphasise European specificities



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What does EOOS do?

Reporting requirements (MSFD) and ensuring GES

Multiple scales “from beaches to the Atlantic ocean”

Gives added value via: integration, connectivity, addressing multiple scales

Scientific and technical advisory forum to drive innovation

A forum to engage stakeholders: interface for Ocean observing

Continuously apply state of the art R&T to operational system

Harmonised comprehensive collection of EOVs: optimised network

Platform for SMEs to stimulate development

Transnational cooperation

Outreach



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What does EOOS do?

Documented user increase and system efficiency

A force multiplier connecting existing initiatives

Strategic planning for European ocean obs Capability (Sci and operations)

Monitor and detect – early warning system

Weather prediction and forecasting

Responding to stakeholder demands

Knowledge for society (creation and distribution)

EOOS supports science, technology and society

Framework to measure use and impact of ocean observations

Provide Freely available data and metadata of known quality



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What does EOOS do?

Effective data management, open access, standardised

Public-private partnership

“Because models are becoming untestable”

Capacity building and training

Technology sharing and innovation



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Drivers for EOOS

Research

Technology

Other

Societal

Environmental



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Roadmap elements

**Strawman
(post
workshop)**

**Consultation
with key
actors**

Forum

EOOS Board

**Funding
(CSA?)**

**Brochure and
support
material**

EOOS Office

**Conference
and launch**



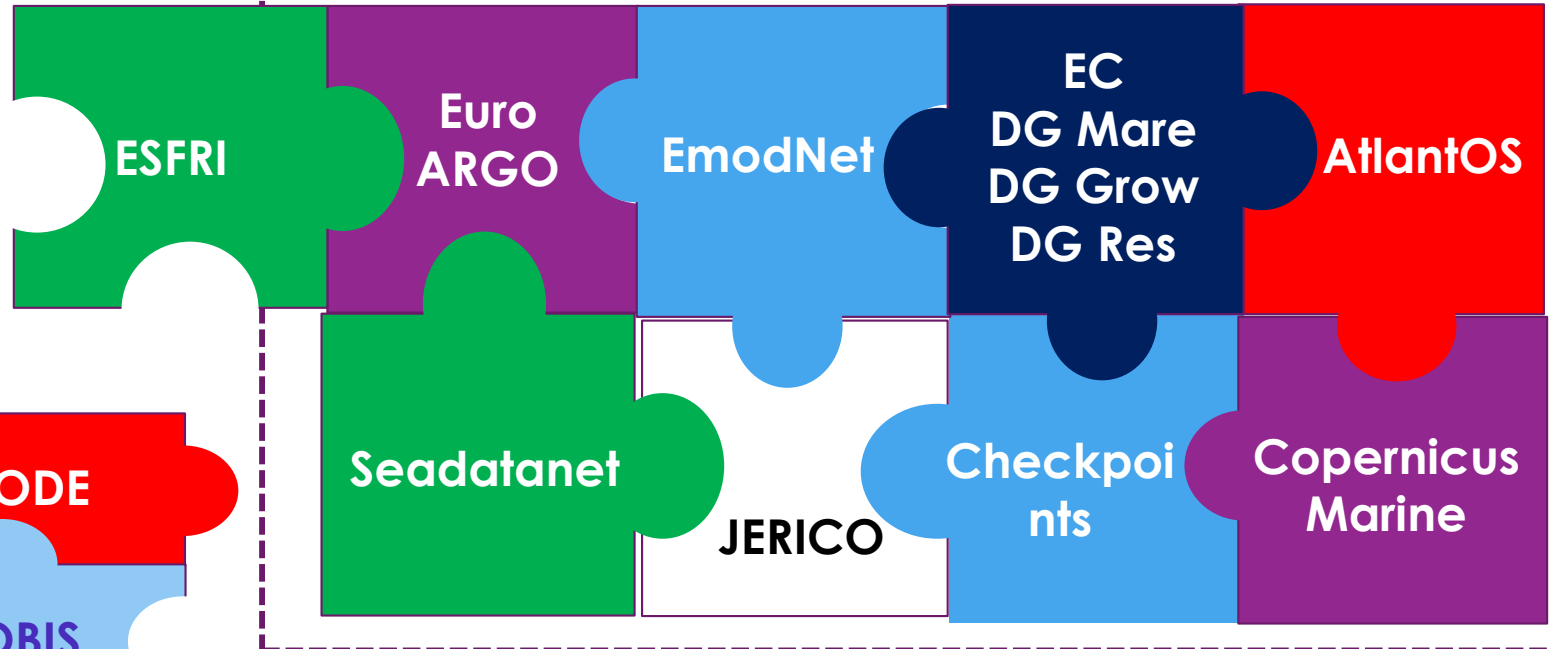
EOOS Next steps

- Follow up at Maritime Day (Athens)
- Website will be developed
- Start process of interacting with key stakeholders e.g. ICES, JPI, EEA, IOC, CMEMS and relevant projects
- Joint Policy document with European Marine Board followed by consultation with EuroGOOS and EMB members
- Slides detailing EOOS concept to be prepared and circulated to members in due course



EuROSS
European Observing System

GEO/SS



WMO
IOC GOOS

IODE
OBIS

ICES/CIESM

Other ???

JCOMM

ARGO

GO-SHIP

IOCCP

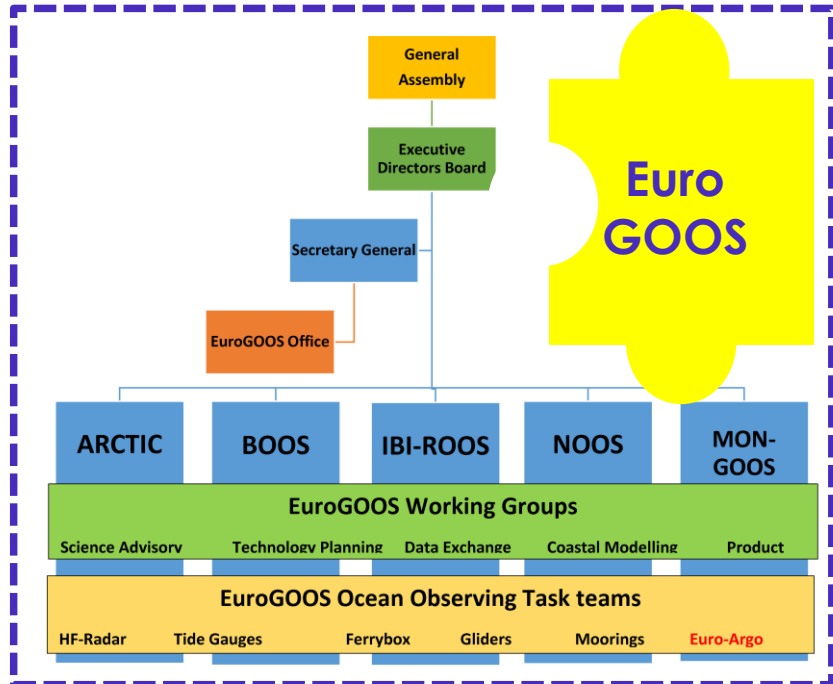
GO-SHIP

Ocean Sites

GODAE OV

GLOSS

DBCP



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