



EuroGOOS

EuroGOOS Office Report to GA

May 24th 2018, Brussels

EuroGOOS Office update

Staffing

EuroGOOS Office, as of January 2018

Staff member	Title	Contract term
Glenn Nolan	Secretary General	May 2015-April 2020
Patrick Gorringe	Senior Operations Officer	Permanent (seconded from SMHI)
Dina Eparkhina	Comms and Coordination Officer	Sept. 2015-August 2020
Vicente Fernandez	Science Officer	November 2015-April 2019
Erik Buch	Senior Consultant on EU projects	Upon project requirements, approx. 0.5 full time equivalent
Orla Colligan	Administrative Assistant (P/T)	September 2017 to October 2020

Office updates

Accomodation:

- BELSPO move from Ave Louise office in late 2018/EARLY 2019
- **Plan B:** New office near North station is confirmed location: open plan, hot desk environment
- No scope to Submit requirements to BELSPO: but EuroGOOS still included in plans
- Discussions with JPI OCEANS: During Feb 2018; JPI have moved
- **Plan A:** Exploratory discussions with Patrick Roose of RBINS and visit to museum
 - Review of organisations hosted by RBINS underway; case to be requested shortly
- **Plan C:** Seek office space through other mechanism (co-locate with other ASI BL, rental)



Recent networking opportunities

Late 2017- early 2018

- POGO meeting: as GRA chair (+INTAROS) (GN)
- GRA teleconferences: started as chair.
- GOOS/IODE Capacity Development
- IOCARIBE Sargassum and Oil spill PP: by video
- Blue Planet Steering Group
- EuroGOOS Conference (Bergen) - proceedings
- COLUMBUS Final Conference, Brussels (DE)
- Black Sea Strategic Research and Innovation Agenda: DG RTD
 - Visit to Middle Eastern Technical University (Erdemli)
- EuroGOOS overview to DG MARE
- IOC Group 1 (Europe, US and Canada) meeting, Dublin
- EOOS Forum, March 8th, Brussels.
- IBI-ROOS and BOOS Annual meetings
- EGU, Vienna (April 2018)
- OECD Valuing ocean observations (May 2018)
- Project meetings

ROOS, working group and task team links to office

New points of contact at office

Scoping sustainability and requirements gathering methodology

Concerted work at ROOS (and office) level to complete cost activity and feed to projects/contracts.

Enhanced telecon contact with all EuroGOOS ROOSs, TTs and WGs.

New membership applications

AZTI Tecnalia will apply for membership (GA 2018)

Ongoing discussions: Black Sea (including Bulgaria and Turkey), Netherlands.



EuroGOOS

European Global Ocean
Observing System

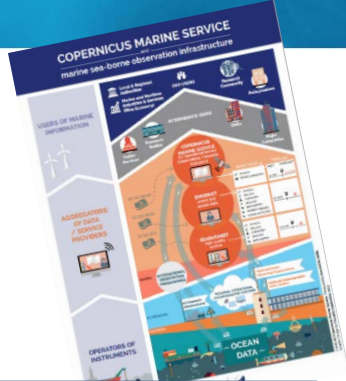
EuroGOOS main outputs since the last GA

June 2017 to January 2018

www.eurogoos.eu/publications/

www.eurogoos.eu/project-deliverables/

Sept



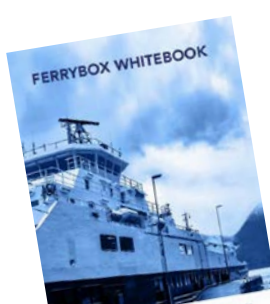
EuroGOOS brochure

CMEMS data visual by EuroGOOS

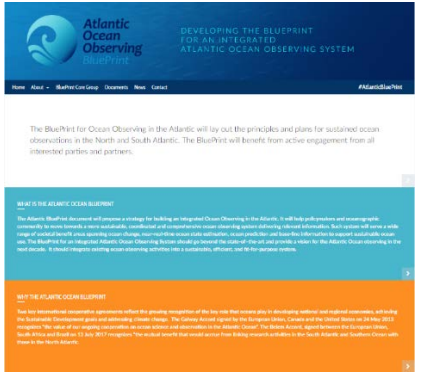


EuroGOOS ENVRI event

Oct



FerryBox WP



AtlantOS
GA and Sensors WS 1

www.atlanticblueprint.net

Jan



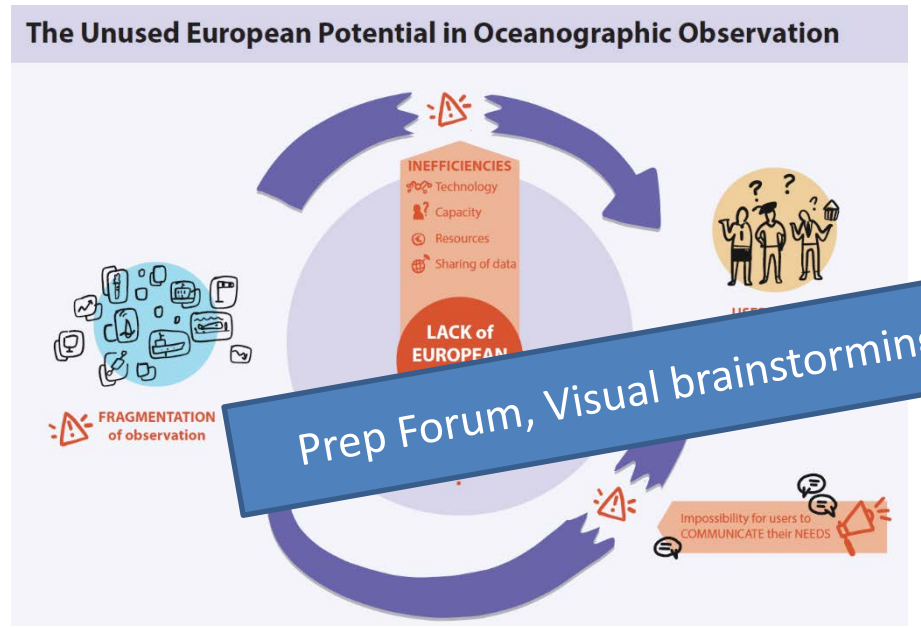
Sensors WS 2

INTAROS
GA and poster



Studies

Feb



EOOS Steering Group & Adv. Com.



Drafting of Strategy & Impl Plan



Studies



Studies

March

EOOS



EOOS | EuroGOOS
 Draft EOOS Strategy 2018
 v. 24 April 2018
 Draft EOOS Implementation Plan 2018
 24 April 2018

Proceedings of the eighth EuroGOOS International conference
 3-5 October 2017, Bergen, Norway

OPERATIONAL OCEANOGRAPHY
 Serving Sustainable Marine Development

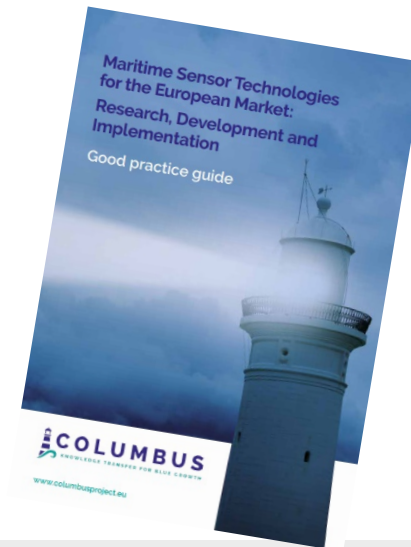


April

EOOS Consultation
 25 Apr - 15 June



plus
 ENVRI



May



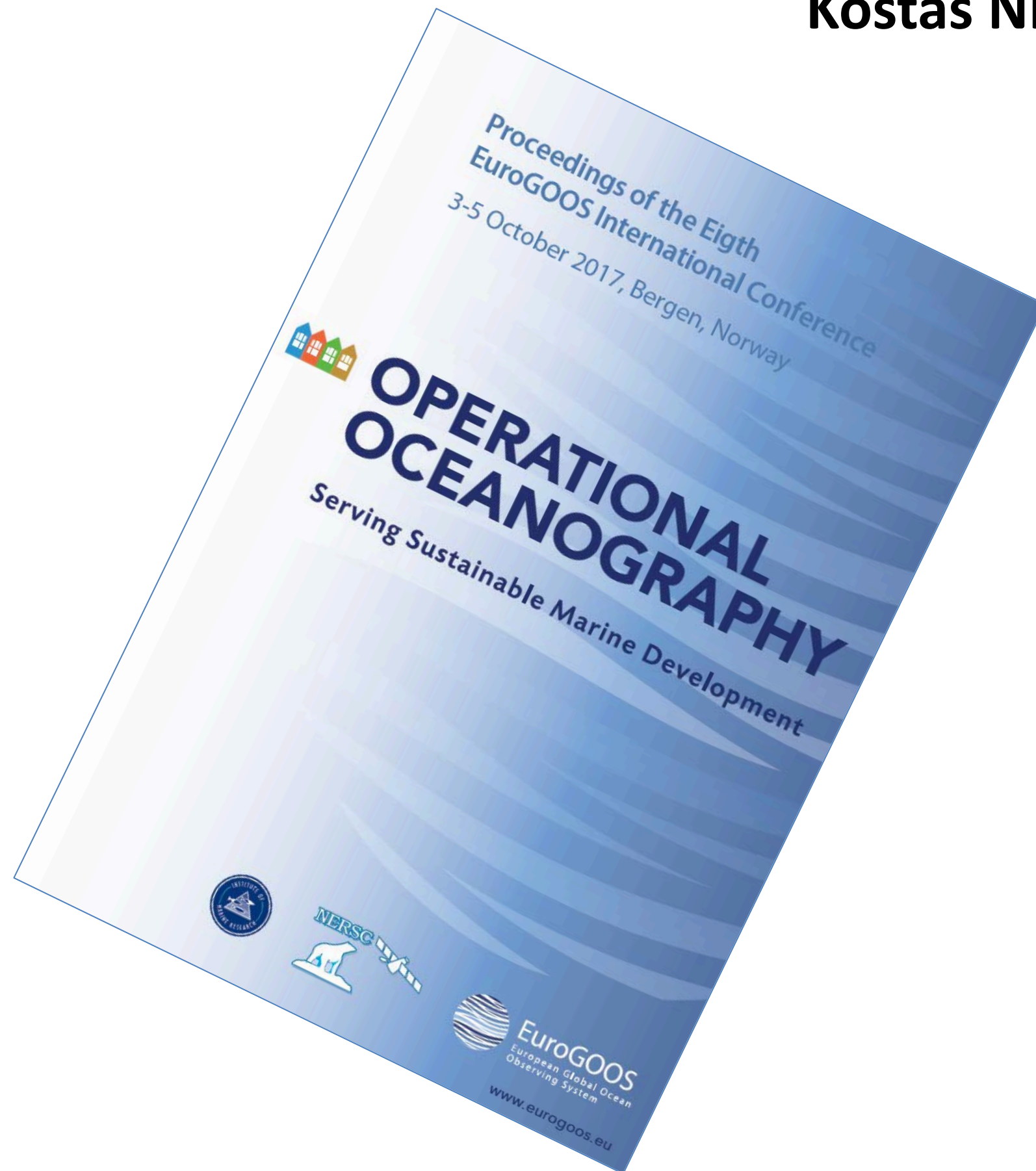
European Vision
 +
 Joint Comms Strat w. EOOS



EuroGOOS Conference Proceedings

2017

Kostas Nittis Medal presented to Robert King, UKMO

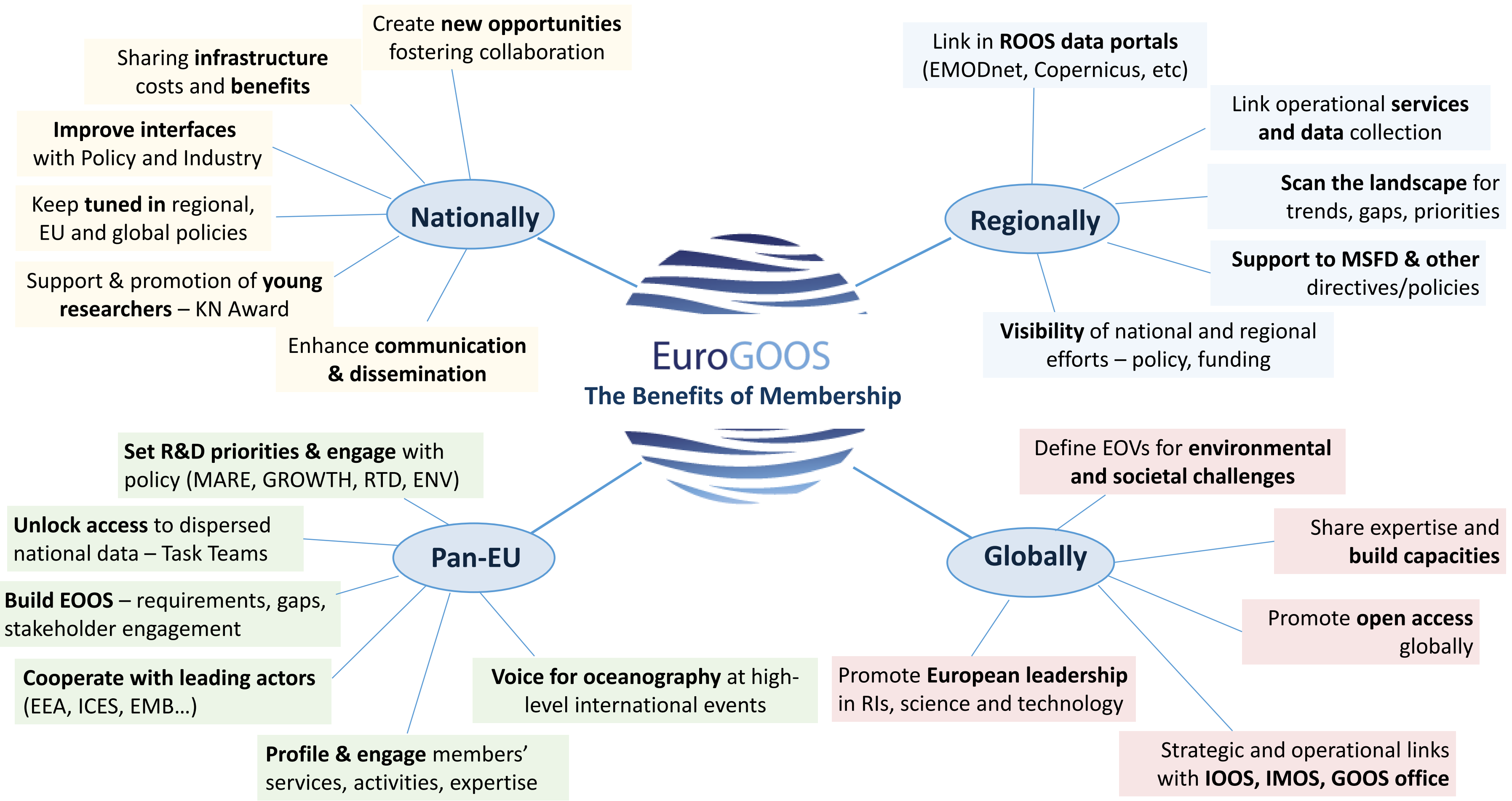




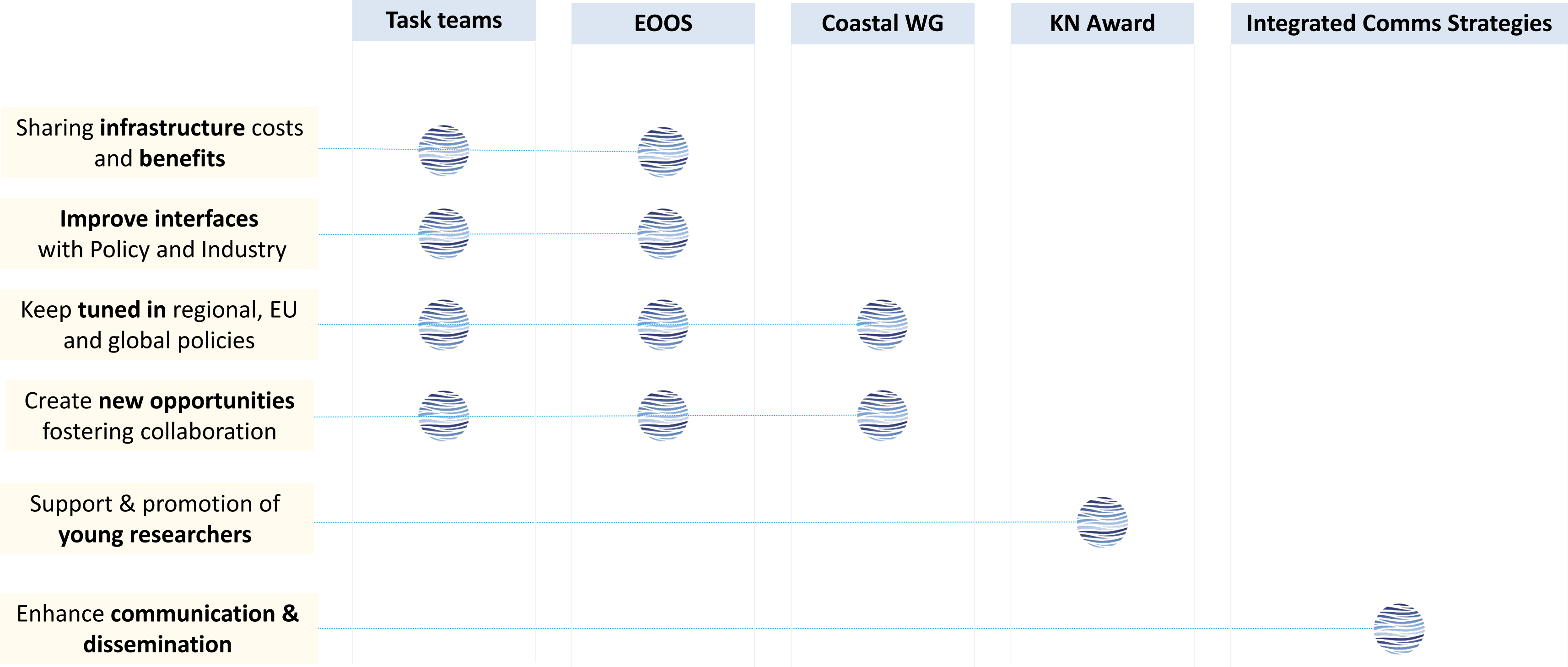
EuroGOOS

European Global Ocean
Observing System

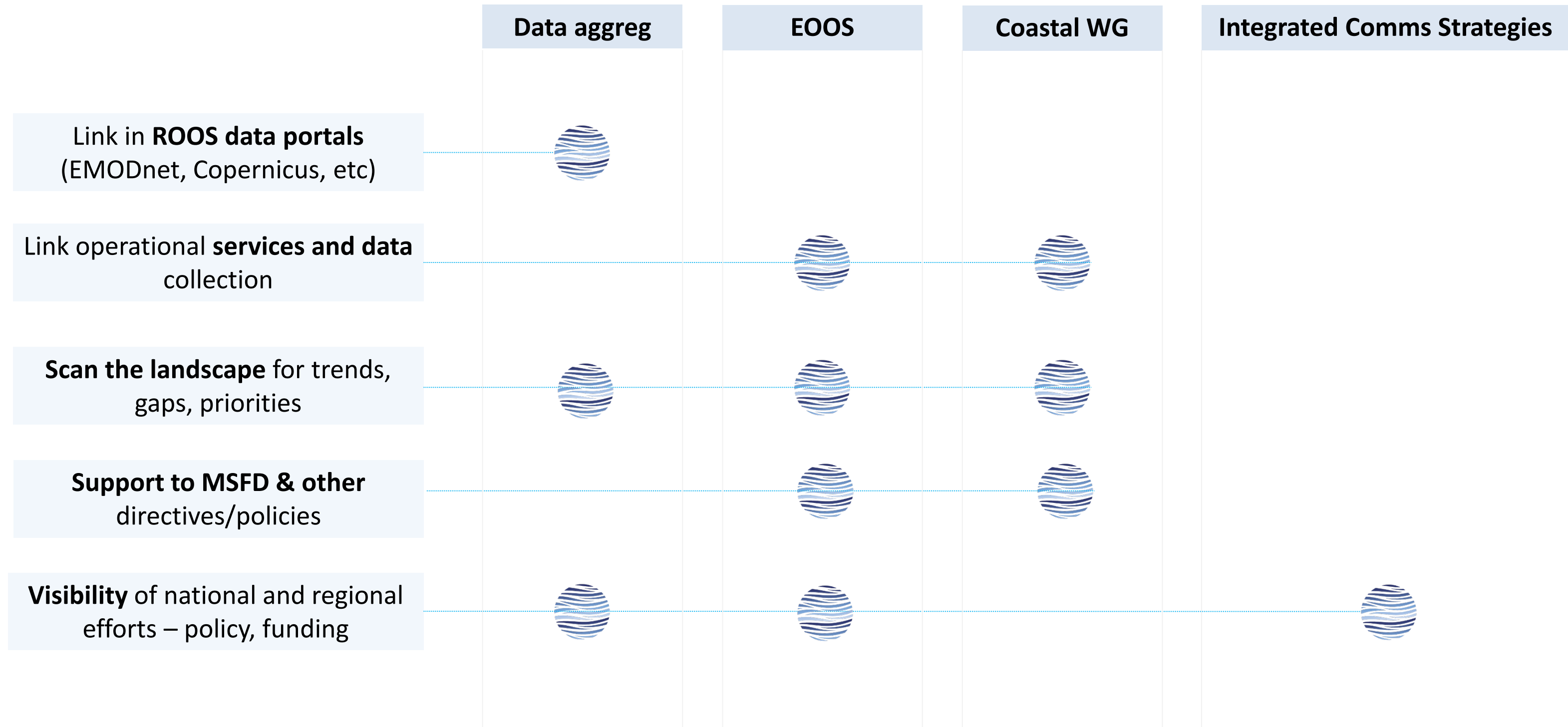
Benefits to the EuroGOOS Members



National Level Benefits



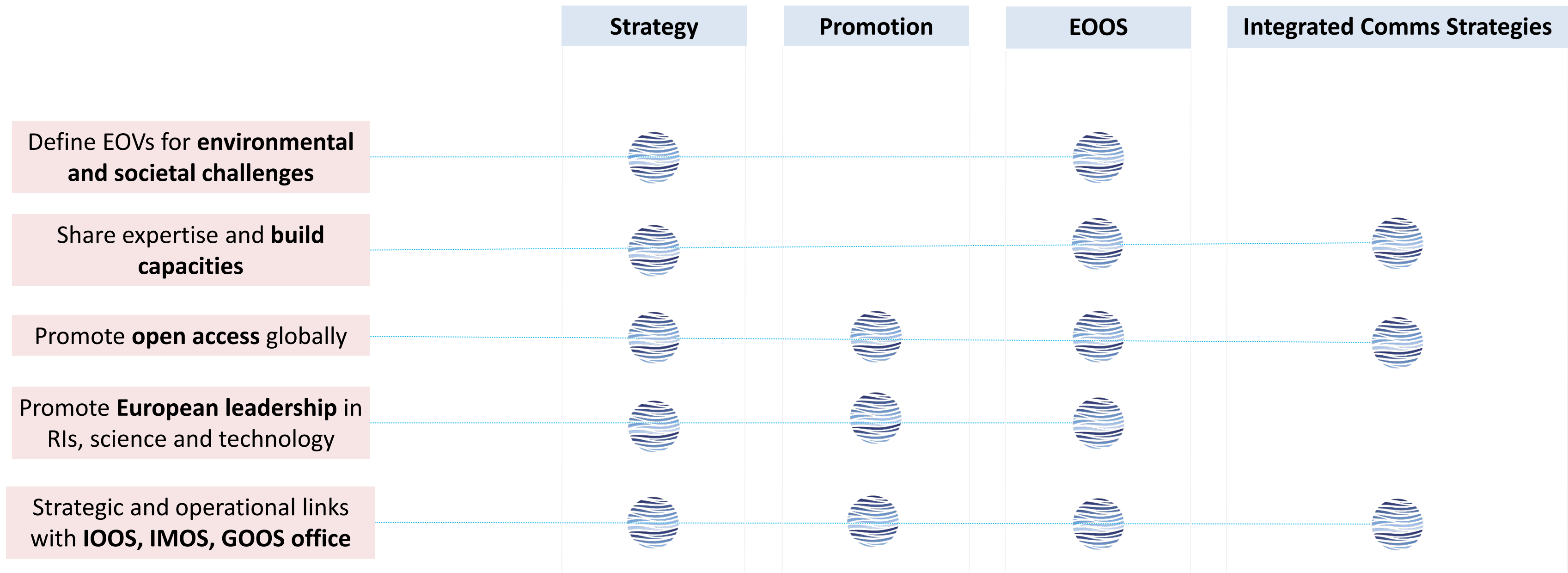
Regional Level Benefits



Pan-European Level Benefits



Global Level Benefits



What do members get from the EuroGOOS office?

- **Publications** (hard copies sent in January w. all latest reports, book, and brochures)
- **News outreach:** what's on, office updates, major events
- **Kostas Nittis Award**
- **Coastal WG** Call to Members and ROOSes (14 members)
- **Member products page** revamped - pending
- Insuring **integration of strategies** (Atlantic blueprint, EOOS, ROOS; Integrated comms strategies for in situ: EEA, EOOS, GEO, EuroGOOS)
- **Promo** online, at events, in presentations, in publications
 - Promo **outwards:** EuroGOOS communities to those who need to learn about them (EP, EC, EMD, Copernicus, Our Ocean, ENVRI, IOC, GEO)
 - Promo **peer to peer:** EuroGOOS to peers to demonstrate the representativeness and recognition (CMEMS, EMOD, EEA, ENVRI, GOOS, GEO)

EOOS Forum, 8 March 2018, Brussels

What are the challenges we need to address?

1. Making the European observing system fit for purpose – What are the **priorities**?
2. **Funding** EOOS – What are the benefits? What will help you **make the case**?
3. What would a **fully integrated and sustained** EOOS look like?
4. What are the **relationships and skills** needed to support an integrated system?
5. What are the **key messages** and who needs to hear them?
6. How should we **govern and coordinate** EOOS?
7. As **new technologies** come on stream, how do we ensure they're incorporated?



6 - How should we govern and coordinate E00S?

successful implementation of E00S e.g. ad-hoc

EOOS Strategy (draft in consultation with EOOS steering group; public release 25 April)

EOOS Vision

By 2030, EOOS will build an end-to-end coordinated and connected European ocean observation community that puts user needs at its centre, promoting European leadership, driven by stakeholders, and serving the needs of science, society, and innovation.

EOOS Guiding Principles

Efficient and fit-for-purpose; Connecting communities; Innovative and adaptable; Stakeholder-driven; Sustainable

Main focal areas

- Better Coordinated and Sustained In Situ Ocean Observing
- Close association with the ocean modelling and satellite observation communities to ensure full integration and responding to user needs
- EOVs
- Non-EOVs (other relevant variables, e.g. bathymetry)
- Integrated Ecosystem Approach: from platform-specific observing to multi-platform, integrated and thematic observing

EOOS Implementation Plan (draft in consultation with EOOS steering group; public release 25 April)

Stakeholder co-design of strategy and implementation plan 2018-2022


- **EOOS mapping and stakeholder engagement**
- **Policy context and foresight**
- **Requirements gathering** (forum and conference 2018, EMODnet checkpoints, OSSE, regional conventions, ICES, ECMWF, GCOS...)
- **Sustainability studies** = gather national plans and RI feedback
- **EOOS elements** (national plans, RI plans, tech plans, best practices)
- **Cost-benefit for European states**
- **EC support, Nations' joint programming funding**
- **Communication and outreach** (bring together communities, persuade funders and users)

How to get on board?

- EOOS for and by stakeholders. Inclusive and bottom-up. While seeking and hoping to secure political and funding support
- Strategy and Implementation plan consultation open on 25 April
 - Inputs to June 15th 2018.
- Subscribe to EOOS mailing list at www.eoos-ocean.eu/contact/
www.eoos-ocean.eu
- Website for all info
Conference 21-23 Nov. registration ongoing:
www.eoos-ocean.eu/conference-2018/



EOOS Pilot Projects

Activity	Pilot title	Indicative timeline and task leader(s)
Activity 1. EOOS mapping and stakeholder engagement 	Pilot project 1.1 Mapping existing infrastructures and capabilities	May 2018-January 2019, EuroGOOS and EurOcean
	Pilot project 1.2 Requirements gathering for EOOS	May 2018-July 2019, EuroGOOS
	Pilot project 1.3 EOOS conference 2018	Sept.2017-Nov.2018, EMODnet, EMB and EuroGOOS
	Pilot project 1.4 Stakeholder co-design of strategy and implementation plan 2018-2022	Nov.2017-Nov.2018, EMB and EuroGOOS
Activity 2. Policy context and foresight	Pilot project 2.1 Future science brief on biological observations	2017-Sept.2018, EMB
	Pilot project 2.2 EOOS policy landscape	March -Sept. 2018, EMB
Activity 3. Implementation of EOOS observing system elements 	Pilot project 3.1 EOOS Technologies Forum	2018-July 2019, EuroGOOS
Activity 4. EOOS Funding 	Pilot project 4.1 EOOS cost-benefit analysis	From 2018, EuroGOOS with additional stakeholder help
Activity 5. Communications and outreach	Pilot project 5.1 EOOS communication strategy	By Nov.2018, EuroGOOS
	Pilot project 5.2 Maintain and evolve EOOS web presence	From 2016, EuroGOOS
Activity 6. Governance	Pilot project 6.1 Evolution of EOOS governance	March-Sept. 2018, EuroGOOS and EMB EOOS steering group co-chairs

EuroGOOS Coastal Working Group

Sustained observations:
Funding
Gaps

Data:
Unlock access
Convey requirements

INSPIRE:
Recommendations
Inventory

Modelling:
Future priorities
Assimilation
Hydrology

Products:
Requirements;
sci and other
Inventory
Fitness for purpose

Coastal Working Group: members

- Ghada El Serafy (Deltares, Netherlands) – working group chair
- Joaquin Tintore (SOCIB, Spain)
- Laura Ursella (OGS, Italy)
- Federico Falcini (CNR, Italy)
- Arthur Capet (Uni Liege, Belgium)
- Joanna Staneva (HZG, Germany)
- Eleanor O'Rourke (Marine Institute, Ireland)
- Francisco Campuzano (IST, Portugal)
- Anna Rubio (AZTI, Spain)
- Jun She (DMI, Denmark)
- Paloma de la Valee and Sebastien Legrand (RBINS, Belgium)
- Bruce Hackett (Met Norway)
- Veronique Creach (Cefas, UK)
- Ivane Pairaud (Ifremer, France)
- Glenn Nolan, Vicente Fernandez, Patrick Gorringer and Dina Eparkhina (EuroGOOS Office) – supporting the working group



THANK YOU



Website
www.eurogoos.eu

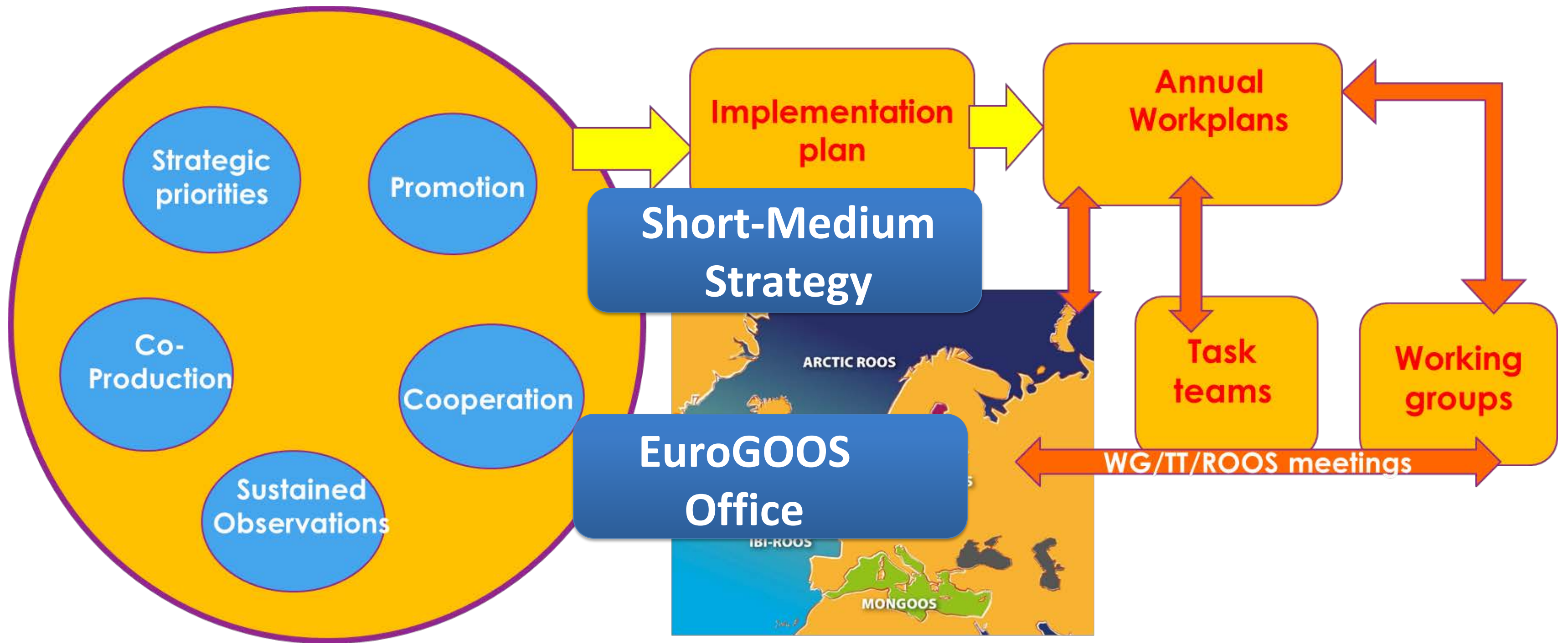


Twitter
twitter.com/EuroGOOS



E-mail
eurogoos@eurogoos.eu

EuroGOOS Strategy 2014-2020



Priorities for 2018

- **Requirements and gap analysis:**
 - Consolidate requirements in a single place (CIS2 database; EEA)
 - Strong ROOS and TT involvement in formulating requirements
- **Sustainability of the observing system:**
 - Questionnaire in circulation (due late February)
 - Form basis of an update to GISC for estimate of investment in Obs System
 - Sustainability workshop in April/May 2018 to refine assumptions.
- **Data policy:**
 - Does EuroGOOS explore the idea of a new data policy further? Yes
 - Possible templates: IOC/JERICO as presented at General Assembly
 - Role of data projects that EuroGOOS is engaged in



Priorities for 2018

- **Best practices**
 - Convey European best practices in the JCOMM context
 - Continued engagement with AtlantOS best practices
- **Ocean Literacy**
 - Fast track group initiated in 2018
- **Links with other organisations**
 - Ad-hoc/ opportunistic
 - Targeted list of contacts that we want to influence
 - Balance between contact with Member States and EC DGs.



Priorities for 2018

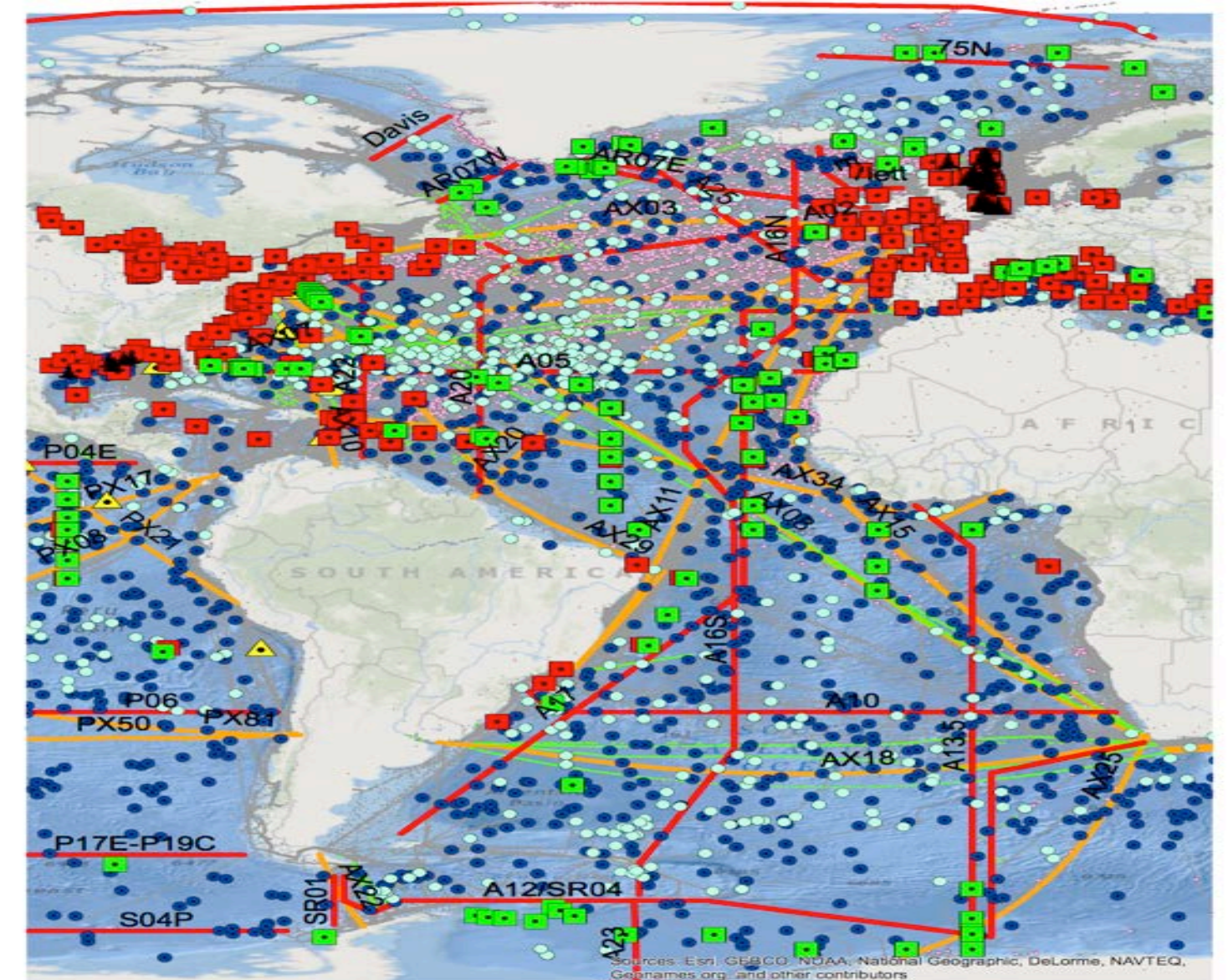
- *** Office point of contact to be assigned for each ROOS, WG and TT (Feb 2018)**
- **Members**
 - Improved member's products webpage
 - Newsletter
- **ROOSs**
 - More concerted involvement in events (EOOS, workshops, conf. Calls, WG,TT)
 - Involvement in formulating documents and deliverables (e.g. Mercator)
- **WGs and Task teams**
 - Transpose terms of reference to new template
 - Configure membership and priorities for Coastal WG



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Developing a Blueprint for an Atlantic Ocean Observing System

- Strong need to develop a strategy for integrated ocean observing in the Atlantic
- Seek to facilitated a more sustainable, well coordinated, comprehensive system
- Need to better serve societal needs
- System should be sustainable, efficient and fit-for-purpose
- Ambitious, multi-national, multi sectoral, fit-for-purpose
- Should include capacity development and enhance partnerships between science, service, private sector and civil society
- Early 2018 public release of first draft
- The Blueprint will serve as inspiration for the other regional projects who most likely will formulate similar documents
 - Workshop on European Vision planned for early June 2018



Legend

- | | | | |
|--------------------|------------------|---------------|------------------|
| Reference stations | Tsunameter | GO-SHIP Lines | ASAP Balloons |
| Fixed Platform | Drifters | XBTs (2014) | VOS Ships (2014) |
| Moorings | Profiling floats | SOOP Lines | |

Global Ocean Observing System
Atlantic Ocean - 2015



Inputs to 2018 Implementation plan

ROOS	Activity	Owner	Indicative completion date
BOOS	Input received		
ARCTIC			
NOOS			
IBI-ROOS			
MONGOOS			
Task team			
HF Radar			
Tide gauge			
AB Instruments			
Glider			
EuroArgo	No changes proposed		
Ferrybox			
Working Group			
SAWG	Input received		
Technology	Input received		
Data-MEQ			
Products			
COSMO			

**Office contact now assigned to:
ROOS (Glenn),
Task team (Patrick) and
Working Groups (Vicente) with
Comms as a cross-cutting activity**

EOOS Forum, 8 March 2018, Brussels

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EOOS events 2018

- EOOS Forum (March 8th) - complete
- OceanObs Whitepaper submission (March-September 2018) pending abstract acceptance
- EuroGOOS Sustainability Workshop (May 8th and 9th) – complete: ROOS approach??
- Blue Planet Symposium (July 4th to 6th, Toulouse)
- EOOS Conference (November 21st to 23rd)
- EMB Working Group activities
- EuroGOOS Coastal working Group (formed and working)
- OurOcean and GEO ??
- Summer schools: JERICO and ODYSSEA

35

