

Agenda – draft

Chair: Erik Buch

Overview of the meetings at the EuroGOOS premises

	Monday 23 May	Tuesday 24 May	Wednesday 25 May	Thursday 26 May	Friday 27 May
Morning, AM	Jerico Next Steering Committee	Jerico Next Steering Committee	EuroGOOS Exec. Board and Chairs	EuroGOOS GA Open Session	EuroGOOS GA Formal Session
Afternoon, PM	Jerico Next Steering Committee	EuroGOOS Exec. Board and Chairs	EuroGOOS GA Special Session	EuroGOOS GA Open Session	NOOS Steering Committee
			Kostas Nittis Award Ceremony		

EuroGOOS General Assembly agenda overview

25-27 May 2016, EuroGOOS/BELSPO, 231 avenue Louise, 1050 Brussels

Wednesday 25 May	
12:00-12:30	<i>Lunch</i>
12:30-18:00	Special Sessions: Oceanographic products, research infrastructures, EOOS
19:00-19:30	<i>Kostas Nittis Award Ceremony, Notos, Rue de Livourne 154</i>
19:30-21:30	<i>Official dinner, Notos, Rue de Livourne 154</i>
Thursday 26 May	
09:00-18:00	Open Session on EuroGOOS activities: successes, bottle necks, 2016-2017 work plans
19:00-21:00	<i>Beer tasting, L'auBIERegiste, Rue de l'Aqueduc 63</i>
Friday 27 May	
09:00-12:10	Closed Formal Meeting: Budget, approval of activities, Executive Board elections
12:10-13:00	<i>Lunch</i>

Special Open Session:

Oceanographic products, Research Infrastructures, European Ocean Observing System

Wednesday 25 May, 12:30-18:00 (lunch from 12:00)

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12:00-12:30 Lunch at the meeting venue

12:30-12:35 1. Opening
Erik Buch, Chair, EuroGOOS

12:35-12:55 2. EuroGOOS overview
Glenn Nolan, Secretary General, EuroGOOS + Q&A

12:55-15:40 3. Oceanographic products under development in Europe

12:55-14:00 MSFD Products
OSPAR, Stephen Dye, CEFAS, UK
HELCOM, Urmas Lips
EC DG ENV, Shane O'Boyle
Q&A, Discussion

14:00-14:40 Ecosystems and Fisheries Products + Q&A
ICES WGOOFE, Rodney Forster, University of Hull, UK
Oceanographic products for fisheries, Richard Nash, IMR, Norway

14:40-15:00 Coastal Safety Products: Storm surge systems, Enrique Alvarez Fanjul, Puertos del Estado, Spain + Q&A

15:00-15:20 Marine services for Industry: Case studies from the energy sector, Caroline Acton, MetOffice, UK + Q&A

15:20-15:40 EuroGOOS Products Working Group: Status and future plans
Setting the scene by Patrick Gorringer
Discussion

15:40-16:10 Coffee break and photo shoot in the inner yard

16:10-17:00 Case studies on research infrastructure cooperation

16:10-16:25 Networked vehicle systems for persistent Atlantic observation, João Tasso de Figueiredo Borges de Sousa, LSTS, Porto University, Portugal

16:25-16:40 European Research Vessel Operators, ERVO, Andre Cattrijsse, VLIZ, Belgium
16:40-17:00 Q&A, Discussion

17:00-17:50 4. EOOS Progress and next steps

State of play by Glenn Nolan
Discussion

17:50-18:00 5. Overview of main discussion points and closing remarks
Erik Buch, Chair, EuroGOOS

19:00-19:30 Kostas Nittis Medal to Young Researcher Award Ceremony &
19:30-21:30 Official dinner (Notos, Rue de Livourne 154, 4 min walk)



Open Session

EuroGOOS activities: successes, bottle necks, 2016-2017 work plans

Thursday 26 May, 09:00-18:00

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- 09:00-09:30** **6. Annual reports**
Chair's report by Erik Buch
Office report by Glenn Nolan
- 09:30-09:40** **7. EuroGOOS Strategy and 2016-2017 priority areas**
Glenn Nolan
- 09:40-09:55** **8. Communication updates**
Dina Eparkhina
- 09:55-10:55** **9. Reports from ROOSes**
- BOOS success stories, short-term priorities, work plan 2016-2017**
Urmas Lips, BOOS Chair
- NOOS success stories, short-term priorities, work plan 2016-2017**
Henning Wehde, NOOS Chair
- MONGOOS success stories, short-term priorities, work plan 2016-2017**
Enrique Alvarez Fanjul, MONGOOS Co-Chair
- 10:55-11:20** **Coffee break**
- IBI-ROOS success stories, short-term priorities, work plan 2016-2017**
Manuel Ruiz Villareal, IBI-ROOS Co-Chair
- Arctic ROOS success stories, short-term priorities, work plan 2016-2017**
Stein Sandven, Arctic ROOS Chair
- 12:00-12:10** **10. Discussion on EuroGOOS membership expansion to include all ROOS members and communication aspects**
Erik Buch
- 12:10-13:10** **11. Reports from Working Groups (10min updates + 10 min discussion)**
- Science Advisory Working Group**
Main achievements and 2016-2017 plan by Jun She, SAWG chair
Q&A, discussion
- Technology Plan Working Group**
Main achievements and 2016-2017 plan by Rajesh Nair, TPWG chair
Q&A, discussion
- Data Management, Exchange and Quality Working Group**
Main achievements and 2016-2017 plan by Sylvie Pouliquen, DATAMEQ chair
Q&A, discussion

13:10 – 14:00 Lunch

Coastal Ocean and Shelf Seas Modelling Working Group

Main achievements and 2016-2017 plan by Paolo Oddo, COSMO WG chair
Q&A, Discussion

Product Working Group: revision of objectives

Introduction by Patrick Gorringer
Open discussion

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14.40-15:40 12. Report from EuroGOOS task Teams (10 min updates + 10 min discussion)

FerryBox Task Team

Successes and plans by Franciscus Colijn, FB TT Chair
Q&A, Discussion

Tide Gauge Task Team

Successes and plans by Begoña Pérez, TG TT Chair
Q&A, Discussion

HF Radar Task Team

Successes and plans by Julien Mader, HFR TT Chair
Q&A, Discussion

15:40 – 16:10 Coffee break

Gliders Task Team

Successes and plans by Pierre Testor, Gliders TT Chair
Q&A, Discussion

Euro-Argo ERIC

Successes and plans by Pierre-Yves Le Traon TBC

New Task Team on Fixed Platforms

Objectives and membership by Richard Lampitt, proposed Chair
Q&A, Discussion

New Task Team on Tagged Mammals

Objectives and membership by Lars Boehme, proposed Chair

17.30-17.50 13. Status on EuroGOOS project involvement

Glenn Nolan

17:50-18.00 14. Overview of main discussion points and closing remarks

Erik Buch

19:00 Belgian beers tasting (L'auBIEREgiste, Rue de l'Aqueduc 63, 9 min walk)

Formal Session

EuroGOOS governance, finances and approval of new activities

Friday 27 May, 09:00-12:10 (followed by lunch)

- 09:00-09:05 **15. Opening and adoption of agenda**
Erik Buch
- 09:05-09:20 **16. Status of the actions from the last General Assembly**
Erik Buch
- 09:20-09:30 **17. Approval of the EuroGOOS Rules revisions**
Erik Buch
- 09:30-09:40 **18. Approval of new Task Teams**
- 19:40-10:00 **19. Membership application**
Presentation of Slovenian Environment Agency by Silvo Zlebir
Q&A and decision on membership
- 10:00-10:20 **20. Finances: 2015 closure and 2016 projections**
Financial overview
2015 closure (for approval)
2016-2017 projections
2018-2019 contributions call (for approval)
- 10:20-10:50 Coffee break
- 10:50-11:00 **21. New activities**
EuroGOOS Conference 2017
- 11:00-11:20 **22. Approval of the main priorities 2016-2017 across all activities**
- 11:20-11:40 **23. Executive Board and Chair elections**
Chair's statement
Executive Board candidates' statements
Voting & announcement of results
- 11:40-12:00 **24. AOB**
- 12:00-12:10 **25. Overview of the main GA decisions and actions**
- 12:10 End of meeting
- 12:10 Lunch

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List of Documents

Agenda Item	Meeting Document
1. Opening	1.1 Agenda 1.2. List of Participants 1.3. List of Documents
Items 2-5 are dedicated to Special Session and do not require support documents	
6. Annual reports	6.1 Office report 6.2 Chair's report
7. EuroGOOS 2016-2017 priority areas	
8. Communication updates	
9. Reports from ROOSes	9.1 Chairs' reports
10. Discussion on EuroGOOS membership	
11. Reports from Working Groups	11.1 Chairs' reports
12. Reports from Task Teams	12.1 Chairs' reports 12.2 ToR for new Task Team on Fixed Platforms (draft for approval on 27 May) ToR for new Task Team on Tagged Mammals (draft for approval on 27 May)
13. EuroGOOS projects	13.1 Project overview sheets
14. Overview of main points and actions	
15. Opening of formal meeting	
16. Status of 2015 GA Actions	16.1 Report of the 2015 EuroGOOS General Assembly
17. Approval of Rules revisions	17.1 Updated EuroGOOS Rules (draft for approval)
18. Approval of new Task Teams	See documents 14.2 and 14.3
19. Membership application	19.1 Letter of expression of interest from Slovenian Environment Agency

20. Finances

21. New activities: Conference 2017

22. Approval of the main priorities

23. Executive Board and Chair elections

20.1 List of member contributions 2017-2018-2019
Other reports will be presented at the meeting

23.1 Executive Board candidates' CVs and biographies

List of Participants – draft

EuroGOOS Member Organization Delegates and Alternates

Name	Organization	Country	Email
Erik Buch	EuroGOOS Chair		erik.buch@eurogoos.eu
Guido Dumon	Agency for Maritime and Coastal Services, MDK	Belgium	guido.dumon@mow.vlaanderen.be
Karolyn Hondghem	Agency for Maritime and Coastal Services, MDK	Belgium	guido.dumon@mow.vlaanderen.be
Sébastien Legrand	Royal Belgian Institute of Natural Sciences, RBINS	Belgium	sebastien.legrand@naturalsciences.be
Hrvoje Mihanovic	Croatian Institute of Oceanography and Fisheries, IZOR	Croatia	mihanovic@izor.hr
Steffen M. Olsen	Danish Meteorological Institute, DMI	Denmark	smo@dmi.dk
Niels Holt	Defence Centre for Operational Oceanography, FCOO	Denmark	nho@fcoo.dk
Urmas Lips	Marine Systems Institute Tallinn Univ. of Technology / BOOS Chair	Estonia	urmas.lips@msi.ttu.ee
Jari Haapala	Finnish Meteorological Institute, FMI	Finland	jari.haapala@fmi.fi
Patrick Farcy	French Research Institute for Exploitation of the Sea, Ifremer	France	Patrick.Farcy@ifremer.fr
Arno Behrens	Centre for Materials and Coastal Research, HZG	Germany	arno.behrens@hzg.de
Stephan Dick	Federal Maritime and Hydrographic Agency, BSH	Germany	stephan.dick@bsh.de
Bernd Brügge	Federal Maritime and Hydrographic Agency, BSH / EuroGOOS Exec. Board	Germany	bernd.bruegge@bsh.de
George Petihakis	Hellenic Centre for Marine Research, HCMR / EuroGOOS vice-chair	Greece	gpetihakis@hcmr.gr
Eleanor O'Rourke	Marine Institute	Ireland	eleanor.orourke@marine.ie
Giovanni Coppini	Euro-Mediterranean Centre on Climate Change, CMCC / MONGOOS co-chair	Italy	giovanni.coppini@cmcc.it

Jitze P. van der Meulen	Royal Netherlands Meteorological Institute, KNMI	Netherlands	meulenvd@knmi.nl
Marinus Schroevers	Deltares	Netherlands	Rinus.Schroevers@deltares.nl
Øyvind Saetra	Norwegian Meteorological Institute	Norway	oyvinds@met.no
Henning Wehde	Institute of Marine Research, IMR / NOOS chair	Norway	Henning.Wehde@imr.no
Stein Sandven	Nansen Environmental and Remote Sensing Centre, NERSC / Arctic ROOS chair	Norway	stein.sandven@nersc.no
Agnieszka Beszczyńska-Moeller	Institute of Oceanology of the Polish Academy of Sciences, IO-PAN	Poland	abesz@iopan.gda.pl
Piotr Piotrowski	Maritime Institute Gdansk	Poland	Piotr.Piotrowski@im.gda.pl
Miguel Santos	Portuguese Institute for the Ocean and Atmosphere, IPMA	Portugal	amsantos@ipma.pt
Vlado Malačič	National Institute of Biology	Slovenia	vlado.malacic@mbss.org
Alicia Lavin	Spanish Oceanographic Institute, IEO	Spain	alicia.lavin@st.ieo.es
Manuel Ruiz	Spanish Oceanographic Institute, IEO / IBI-ROOS co-chair	Spain	manuel.ruiz@co.ieo.es
Enrique Alvarez Fanjul	Puertos del Estado / MONGOOS co-chair	Spain	enrique@puertos.es
Stefan Nilsson	Swedish Meteorological and Hydrological Institute, SMHI	Sweden	Stefan.Nilsson@smhi.se
Stephen Hall	National Oceanography Centre, NOC / NERC	UK	sph@noc.ac.uk
Alan Evans	National Oceanography Centre, NOC / NERC	UK	alan.evans@noc.ac.uk
John Siddorn	Met Office	UK	john.siddorn@metoffice.gov.uk

EuroGOOS Chairs or Alternates

Chairs who are delegates - above

Name	Organization	Country	Email
Dan Hayes (by Skype)	Glides Task Team / Cyprus Oceanography Centre	Cyprus	daniel.r.hayes@gmail.com
Jun She	Science Advisory WG, SAWG/DMI	Denmark	js@dmi.dk
Sylvie Pouliquen	Data WG, DATAMEQ / Ifremer	France	Sylvie.Pouliquen@ifremer.fr
Rajesh Nair	Technology WG / OGS	Italy	rnair@ogs.trieste.it
Begoña Pérez	Tide Gauge Task Team / Puertos del Estado	Spain	bego@puertos.es

Julien Mader	HF Radar Task Team and IBI-ROOS / AZTI	Spain	jmader@azti.es
Richard Lampitt	Fixed Platforms Task Team / NOC / NERC	UK	r.lampitt@noc.ac.uk
Lars Boehme	Animal-borne Instruments Task Team / University of St Andrews	UK	lb284@st-andrews.ac.uk

Invited Speakers

Name	Organization	Country	Email
Andre Cattijse	Flanders Marine Institute, VLIZ	Belgium	andre.cattijse@vliz.be
Joao Borges de Sousa	University of Porto	Portugal	jtasso@fe.up.pt
Silvo Zlebir	Slovenian Environment Agency	Slovenia	Silvo.Zlebir@gov.si
Richard Nash	Institute of Marine Research, IMR	Norway	richard.nash@imr.no
Caroline Acton	Met Office	UK	caroline.acton@metoffice.gov.uk
Stephen Dye	Centre for Environment, Fisheries and Aquaculture Science, Cefas	UK	stephen.dye@cefas.co.uk
Rodney Foster	University of Hull	UK	R.Forster@hull.ac.uk
Shane O'Boyle	European Commission DG Environment		shane.o'boyle@ec.europa.eu
Pablo Lorente	Puertos des Estado	Spain	plorente@puertos.es
Angelique Melet	Mercator Ocean	France	amelet@mercator-ocean.fr

EuroGOOS Office

Name	Organization	Country	Email
Glenn Nolan	EuroGOOS Secretary General		glenn.nolan@eurogoos.eu
Dina Eparkhina	EuroGOOS Office		dina.eparkhina@eurogoos.eu
Vicente Fernandez	EuroGOOS Office		vicente.fernandez@eurogoos.eu
Patrick Gorrige	EuroGOOS Office		patrick.gorrige@eurogoos.eu

Agenda Item 6: Annual reports

Document 6.1: Office report



EuroGOOS
European Global Ocean
Observing System

Office Report

Prepared for the General Assembly Meeting
25-27 May 2016, EuroGOOS Office, Brussels

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The EuroGOOS strategy adopted in 2014 outlines the organization's high-level objectives for the period 2014-2020. In October 2014, an implementation plan was adopted to make this strategic vision a reality through concrete actions. With a view of the evolution of the policy landscape and the expansion of the EuroGOOS strategic role, EuroGOOS office have developed the 2016-2017 priorities shortlist built on those documents.

The 2016-2017 strategic priorities will be discussed at the Executive Board meeting taking place prior to the Assembly on 24-25 May and then submitted for discussion and approval at the Assembly.

CORE EUROGOOS ACTIVITIES

WORKING GROUPS

Working Groups deliver strategies for EuroGOOS, ROOSes and the wider ocean observing community on critical oceanographic research and operational areas. Working Groups will contribute to the EOOS framework, developing a truly integrated and sustained end-to-end ocean observing system for Europe.

Updates from Working Groups Chairs are available in the Assembly meeting document n. 11.1.

Science Advisory, SAWG (Chair: Jun She, DMI, Denmark)

In 2014, SAWG delivered a strategy for oceanographic priorities in the context of Blue Growth which was presented by Jun She at the EuroGOOS 2014 Conference (28-30 October 2014, Lisbon). Based on the strategy, a white paper was developed and subsequently submitted for the EuroGOOS special publication in the EGU's Ocean Sciences Journal, in January 2016.

In May 2016, the EuroGOOS Office published a high-level policy brief to transmit the main messages of the white paper to policymakers. The publication will be launched at the European Maritime Day in Turku (18-19 May) and presented to the EuroGOOS members at the Assembly the following week.

Data Management, Exchange and Quality, DATAMEQ (chair: Sylvie Pouliquen, Ifremer, France)

The DATAMEQ WG is implementing a number of recommendations through the EuroGOOS ROOSes and main European Projects related to operation oceanography and data management. Furthermore, in joint collaboration between CMESM/SDN/EMODnet partners have facilitated unlocking access to additional in situ data in the ROOSes.

Principles recommended by DATAMEQ have been endorsed by CMEMS-INSTAC and AtlantOS projects, both started in 2015. In addition, progress has been made in reaching other projects ODIP, EUDAT and ENVRI+, towards developing a coherent standardization identified by DATAMEQ (Guidance for DOI, Standardization and vocabularies, and enhancing services to users by testing emerging IT services such as Cloud distribution).

Technology Plan, TPWG (chair: Rajesh Nair, OGS, Italy)

Rajesh Nair's chairmanship of TPWG was approved by the Executive Board at their meeting on 14-15 October 2015. The new chair is currently working on the report 'Technologies Underpinning

Operational Oceanography’, a draft of which will be presented at the Assembly. Furthermore, Rajesh Nair will propose revisions of the WG terms of reference giving the group a cross-cutting dimension.

Coastal Ocean and Shelf Seas Modelling, COSMO WG (co-chairs: Paolo Oddo, NATO/CMRE and Ole Krarup Leth, DMI, Denmark)

COSMO working group is currently analysing the results of the survey it conducted to identify areas of common interest in coastal ocean processes and associated research needed to improve relevant model skills. The quality issue and particular deficits in existing coastal ocean model systems will also be identified, e.g. in relation to MSFD. 15 survey responses have been received. The analysis will be presented at the Assembly. It will contribute to preparing an overview of European coastal ocean modelling capacity.

Products, EPWG (currently no chair)

Previous PWG chair David Mills, CEFAS, UK, stepped down as he left his role at CEFAS. In January 2016, EuroGOOS hosted and participated in the meeting of the ICES Working Group on Operational Oceanographic Products for Fisheries and Environment (WGOOFE). A closer collaboration with this ICES activity can enhance PWG and the EuroGOOS Executive Board supported the Office’s proposal to strengthen this link. Furthermore, a special session on oceanographic products will be held at the Assembly and a discussion planned the following days, aiming to consider requirements and opportunities to relaunch this working group.

TASK TEAMS

EuroGOOS Task Teams are operational networks of observing platforms, promoting scientific synergy and technological collaboration among the Task Team members. Task Team data are made available to the EuroGOOS ROOS data portals, which in turn are feeding data to EMODnet and Copernicus Marine Environment Monitoring Service (CMEMS). Task Teams will also contribute to the EOOS framework, providing coordination of European oceanographic infrastructures and promoting their sustainable operation.

Four Task Teams were established during 2014 and 2015 on HF radars, gliders, ferrybox, and tide gauges. In addition, an MoU was signed with Euro-Argo ERIC in response to their expression of interest to act as a EuroGOOS Task Team. In October 2015, the Office put forward proposals for two new task teams on fixed platforms and on animal-borne instruments. The proposals were accepted by the Executive Board and the new task teams will present their terms of reference for the Assembly’s approval in May.

Updates from Task Team Chairs are available in the Assembly meeting document n. 12.1.

Tide Gauges TT (chair: Begoña Pérez, Puertos del Estado, Spain ; co-chair: Vincent Donato, SHOM, France)

The Tide Gauge TT has launched a survey to collect information on the status and needs of the existing tide gauge stations in the European regions. The results of this survey will help explain to policy and decision-makers the importance of sustained European tide gauge collaboration. In addition, the Task Team is making an inventory of European tide gauges. In October 2015, the Task Team presented its activities at GLOSS-GE-XIV in India.

FerryBox TT (chairs: Franciscus Colijn and Wilhelm Petersen, HZG, Germany; co-chairs: Kai Sørensen and Andrew King, NIVA)

FerryBox TT is completing its white paper presenting achievements and user needs for FerryBox systems. Ferrybox TT also provides insights into applications and challenges associated with FB data. The white paper was initiated further to a meeting with European Commission DG MARE, DG Research & Innovation and the Task Team members.

FerryBox TT is involved in a number of FB activities within JERICO-NEXT. A community data portal for FerryBoxes is being developed as part of this work. FerryBox TT activities have been presented at several meetings, among others, at the JCOMM-SOT (Ship Observations Team) in Cape Town.

HF Radar TT (chair: Julien Mader, AZTI, Spain)

During the reporting period, HFR TT submitted two proposals:

- CRUSOE - Coastal radar multidisciplinary research and applications to surface ocean. This tender from the MSCA-ETN programme, Innovative Training Networks, supports training of young scientists in HFR and hosting students.
- INCREASE - Innovation and networking for the integration of coastal radars into European marine services. This now successful Mercator/CMEMS tender aims at supporting the integration of European HFR operational systems into CMEMS.

HF Radar TT is involved in the activities of JERICO-NEXT. A co-chair from a EuroGOOS member organization has been suggested, Annalisa Griffa, CNR, Italy.

Gliders TT (chair: Pierre Testor, Université Pierre & Marie Curie, France)

Discussion is ongoing on including wave gliders in the Glider TT. It was decided to use the Glider TT as a first entry point for wave glider information since some glider operators also run wave gliders. The data will be organized within the ROOS data portals.

Euro-Argo TT / Euro-Argo ERIC (chair: Sylvie Pouliquen, Ifremer, France)

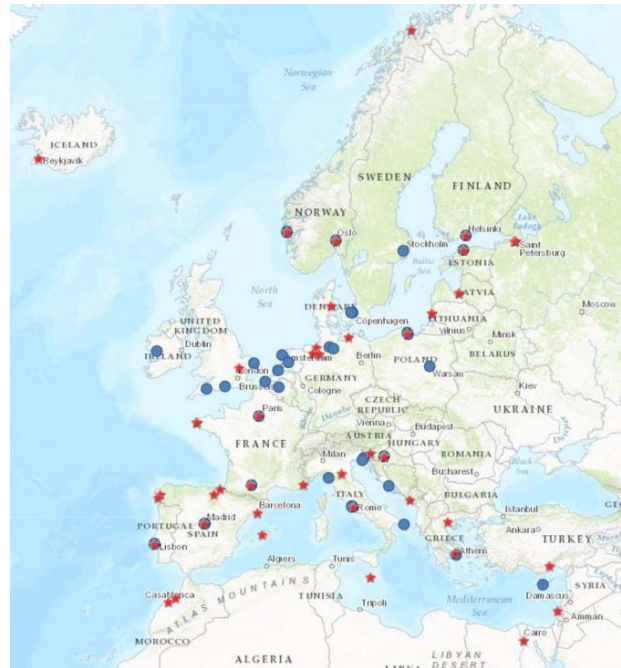
Euro-Argo ERIC brings together 10 country-members through 17 institutes. It is involved in the AtlantOS task on profiling floats, as well as in the ENVRI+ project. Euro-Argo ERIC also works closely with Copernicus Marine Service (CMEMS) to take into account CMEMS needs in the strategy development. In 2016, Euro-Argo are planning to deliver their strategy for the next ten years.

In spring 2015, Euro-Argo ERIC has been granted a DG MARE project, through EASME, under the EMFF 2015 Work Programme. Started in June 2015, the project is titled Monitoring the Oceans and aims to procure and deploy 150 floats (20% co-funding from members), and process collected data as a contribution to the European effort under the international Argo programme.

ROOS

The Regional Operational Oceanographic Systems (ROOSes) coordinate and support development and joint service production in European regional seas. EuroGOOS ensures pan-European representation and interfaces for ROOSes.

Currently, five ROOSes operate under the EuroGOOS umbrella: in the Baltic (BOOS), Arctic (Arctic ROOS), Iberia-Biscay-Ireland region (IBI-ROOS), Mediterranean Sea (MONGOOS), and North-West-Shelf (NOOS). Image on the right shows the distribution of the ROOS members in red and EuroGOOS members in blue (one Arctic ROOS member, University Centre in Svalbard Norway, is not on the map to ease visualization).



EuroGOOS office has attended all ROOS meetings during the reporting period. In addition, a strategic meeting was organized on 14 October 2015 to bring together the EuroGOOS Executive Board, chairs of all activities and ROOS chairs. Such meetings will be held twice a year and the next one is planned during the Executive Board meeting on 24-25 May, prior to the Assembly.

ROOS chairs will report on highlights, successes and challenges during the reporting period, at the Assembly. Their written reports are presented in the Assembly meeting document n. 9.1.

In March 2016, EuroGOOS held a Black Sea ROOS meeting in Bucharest, Romania, hosted by GeoEcoMar. The meeting was very productive and a follow on will take place in autumn 2016. EuroGOOS agreed to examine the feasibility of a Black Sea metadata portal to build up an accurate picture of the platforms reporting in the Black Sea. Furthermore, EuroGOOS is investigating an online ocean modelling inventory to allow Black Sea colleagues update information on forecast models for the region.

At the Assembly, the EuroGOOS membership expansion will be discussed. Upon members' request, the Office produced a brochure on the benefits of EuroGOOS membership, which was disseminated at ROOS annual meetings. Attracting non-EuroGOOS members of ROOSes is the priority in the EuroGOOS membership strategy.

EOOS

EuroGOOS and European Marine Board (EMB) have taken a leadership role to engage with experts and the wider community on making EOOS a reality. To this end, a brainstorming expert workshop took place in May 2015 with the objectives to deliver a definition of EOOS, a long-term vision, and short-term implementation steps. As recommended by the workshop, an EOOS steering group was convened and met for the first time on 18 April 2016. The meeting focused on the EOOS roadmap and stakeholder engagement strategy.



The meeting agreed that the Steering Group should deliver a draft EOOS roadmap by end of June 2016 for a wider community consultation. The drafting is led by EuroGOOS and EMB and an outline will be presented at the EuroGOOS General Assembly in May.

EuroGOOS has been leading the conceptualization of the EOOS process, based on the outcomes of the brainstorming workshop, working closely with EMB, and linking with JPI Oceans. EOOS was discussed at both Executive Board meetings (October 2015 and January 2016). In addition, since May 2015, EuroGOOS officers have given about 15 oral presentations on EOOS at various events (among others, EC Atlantic Seabed Mapping Working Group, high-level EU-Canada ocean conference, EGU 2016 or the AGU in New Orleans). The stakeholder feedbacks and reactions from this work contribute to building a better understanding of the requirements for EOOS, and contribute to drafting the EOOS roadmap coordinated by EuroGOOS and EMB.

Furthermore, EuroGOOS is leading the EOOS communications aspects. The Office launched the EOOS logo in February and EOOS flyer in March (disseminated at stakeholder events since, available on the website: <http://eurogoos.eu/publications/>). A pilot EOOS website has been released and a full version is underway (www.eoos-ocean.eu).

EuroGOOS members have been kept informed of the progress on a regular basis during the reporting period. EuroGOOS working documents and presentation slides on EOOS are available on the restricted members' webpages on the website. The Office will present the EOOS progress to date at the Assembly.

EU PROJECTS

EuroGOOS is involved in five EU projects (Horizon 2020 and EMFF): AtlantOS, COLUMBUS, JERICO-Next, ENVRI Plus and EMODnet phase 2. In addition, the office is also contracted in three European tenders: Copernicus Marine Environment Monitoring Service (CMEMS) In-Situ TAC and two EMODnet check points, in the Baltic and Atlantic.

A new tender from EEA has been granted, the proposal led by EUMETNET with ICOS RI as the third partner. The tender titled "Foundations", aims at delivering cross-cutting coordination, communication and strategic advice to EEA in their implementation of the in-situ component of the Copernicus Programme. The contract negotiations are ongoing.

Details of the running EU projects are presented in meeting document 13.1 (project overview sheets).

INTERNATIONAL COOPERATION

EuroGOOS is active on a number of international panels strategically important to EuroGOOS community, as both leader on European oceanography coordination and a global GOOS Regional Alliance (see table 1 below).

Table 1: EuroGOOS chair and office representation at global and European panels

Organization/Initiative/Project	Scale	EuroGOOS staff member	Role
GEO Programme Board	Int'l	Erik Buch	Member
GEO Executive Board	Int'l	Erik Buch	Observer

GEO High-level EC working group	Int'l	Erik Buch	Observer
GOOS Steering Committee	Int'l	Glenn Nolan	Member
GOOS Regional Alliances Forum	Int'l	Erik Buch	Co-Chair
IODE Expert Team on Data Management Practices	Int'l	Patrick Gorringer	Member
JCOMM TT-MOWIS (task team for integrated marine meteorological and oceanographic services within WIS)	Int'l	Erik Buch	Co-Chair
JCOMM TT-MOWIS	Int'l	Patrick Gorringer	Member
JCOMM Management Committee (MAN)	Int'l	Erik Buch/Glenn Nolan	Member
POGO Ocean Communicators United	Int'l	Dina Eparkhina	Member
Atlantic Seabed Mapping International working group (Galway Statement)	EU	Glenn Nolan	Member
Copernicus Marine Environment Monitoring Service STAC	EU	Glenn Nolan	Member
Euro-Argo Scientific and Technical Advisory Group	EU	Glenn Nolan	Member
EMODnet Steering Committee	EU	Patrick Gorringer	Member
JERICO-Next Steering Committee	EU	Patrick Gorringer	Member
FixO3 Advisory Board	EU	Patrick Gorringer	Member
ENVRI Plus Board of EU Env. Res. Infrastructure (BEERi)	EU	Glenn Nolan	Member
ICES Working Group on Operational Oceanographic Products for Fisheries and Environment (WGOOFE)	EU	Patrick Gorringer	Member

The EuroGOOS office is regularly liaising with stakeholder organizations, among others JPI Oceans, JPI Climate, European Marine Board, Copernicus Marine Environment Monitoring Service coordination office at Mercator, EMODnet Secretariat, and others. Furthermore, within the EuroGOOS strategic implementation actions and the communication strategy the office is regularly attending relevant meetings at the European Commission and Parliament.

COMMUNICATION

Communication is a key element of the EuroGOOS 2014-2020 strategy. To this end, at the end of May 2015 the office hired a communications officer to deliver a strategy and support its implementation. The outline of the communications strategy was first presented at the EuroGOOS 2015 general assembly.

EuroGOOS communication is not conceived as a mere set of communication tools, rather it is developed as a strategic imperative for growth, strengthening the organization's recognised leadership and coordination role. This process requires a profound understanding of the EuroGOOS goals and vision for the future, a study of the stakeholder landscape, and development of targeted communication tools and methods. The progress in the strategy development will be presented at the Assembly.

During the reporting period, a number of new communication outputs have been delivered (see table 2 below). In addition, a new template for EuroGOOS PowerPoint presentations was developed and some graphs and maps were re-designed for a more modern and professional look. The EuroGOOS

online presence has been enhanced with an updated website, monthly newsletter and active twitter presence. All EuroGOOS publications and dissemination materials are available for download at: www.eurogoos.eu/publications.

EuroGOOS has also participated in several event exhibitions during the reporting period. The below photo gallery features, clockwise from top left: Atlantic Stakeholder conference, 29-30/10/2015, Brest; Danish Maritime Days, 5-9/10/2015, Copenhagen; COP 21 High-level Ocean Days, 3-4/12/2015, Paris; EuroGOOS and EOOS flyers at publications stands.



Table 2: EuroGOOS publications and dissemination materials (reporting period: May 2015-May 2016)

Title	Type of publication / n° pages	Release date	Highlights / Comments
Benefits of Membership	Brochure / 4pp	October 2015	Disseminated at ROOS meetings
Observing Ocean Change	Flyer / 2pp	November 2015	Exhibited and presented to Commissioner Vella at COP21
EOOS	Flyer / 2pp	March 2016	Presented at COLUMBUS Conf., EGU, EMD
European operational oceanography: Delivering services for Blue Growth...	Policy Brief / 16pp	May 2016	To be launched at EMD 2016
EuroGOOS poster	Roll-up poster	May 2016	EMD exhibition and EuroGOOS Assembly 2016
Kostas Nittis Medal poster	Roll-up poster	May 2016	EMD exhibition and EuroGOOS Assembly 2016
EuroGOOS 7 th Conference Proceedings	Proceedings / 336pp	June 2016	Final stages of design
WMO Information System	Brochure / 4pp	June 2016	Editing
FerryBox white book summary for policymakers	Brochure / 16pp	Pending	

OFFICE TEAM

Since the last General Assembly, the office gained two new members of the team supporting the Secretary General who took office in May 2015 (see table 3 below). The two new staff members are employed directly by EuroGOOS AISBL on Belgian contracts. As a result, the Office now has the staff capacity of 4.3 full time equivalents (see table 3). A HR procedure has been set up to support the employment process, the payroll and association records, as well as staff handbook including the Belgian work regulations requirements. Individual staff work objectives are being developed in line with the EuroGOOS 2016-2017 strategic priorities and will be reviewed at regular intervals through a performance management process.

Table 3: EuroGOOS Office, as of May 2016

Staff member	Title	Contract term
Glenn Nolan	Secretary General	May 2015-April 2020
Patrick Gorringe	Senior Operations Officer	Permanent
Dina Eparkhina	Communication and Coordination Officer	Sept. 2015-August 2020 (partial employment May-August 2015)
Vicente Fernandez	Science Officer	November 2015-April 2019
Erik Buch	Senior Consultant on EU projects	Upon project requirements, approx. 0.3 full time equivalent

The office received information from BELSPO, hosting EuroGOOS office since 2013, that in 2018 the BELSPO current offices will be re-organized and the building at avenue Louise 231 returned to its owner, a private bank. The Office is planning to start investigating other hosting or renting arrangements in Brussels. The central location and the proximity to a large number of EuroGOOS stakeholder organizations in Brussels has helped increase the EuroGOOS visibility and attract staff.

Agenda Item 6: Annual reports

Document 6.2: Chair's report

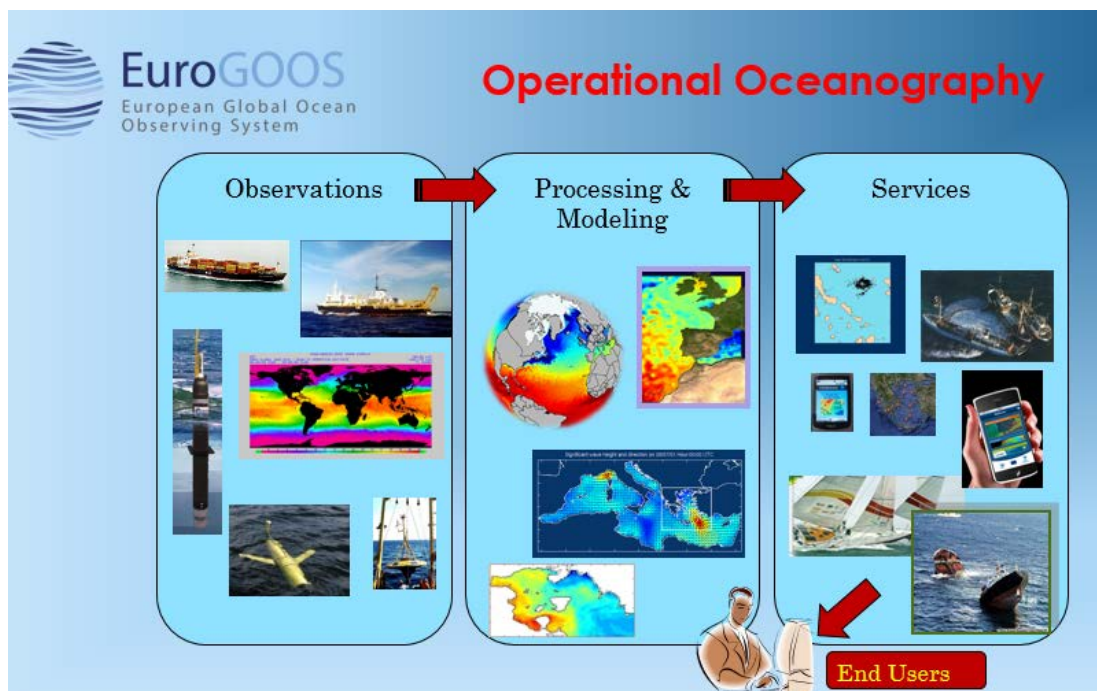


Chair's report

Prepared for the General Assembly Meeting

25-27 May 2016,

EuroGOOS Office, Brussels



This report summarizes the activities of the EuroGOOS Board of Directors and the EuroGOOS Chair over the past year.

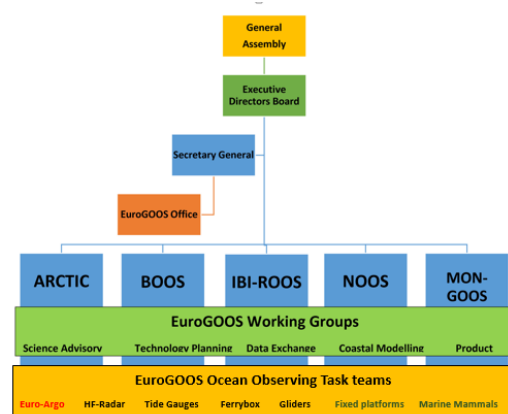
EUROGOOS OFFICE

For the first time since the EuroGOOS office moved to Brussels January 2013, it has over the past year been fully manned – even expanded. This continuity in the staffing is of great value to EuroGOOS and we can now really recognise the value of having the EuroGOOS office centrally placed in Brussels, because the office have managed to establish close contacts and good working relations to key players in the marine world in Europe – EU DG’s, European marine Board, JPI Ocean etc. This has created great visibility to EuroGOOS.

EUROGOOS ORGANISATION

It is always important to monitor closely the structure and functioning of an organisation and in the past the following shall be highlighted:

- The ROOS’s are the backbone of the EuroGOOS structure. They are well-established with their own MoU and with many activities of which the exchange of data is a very important and central activity both within the ROOS’s but also in support of bigger EU programmes such as Copernicus and EMODnet.
- The focus and the level of activity is different within the individual ROOS’s. It could be desirable with greater harmonisation of strategies and development plans.
- The Working Groups is a bit of a concern to us since it seems difficult to motivate active members in most of them, especially the Product WG have cause us worries for a long time and creative solutions is needed; because we need more focus on this third component of operational oceanography.
- In 2015 EuroGOOS General Meeting approved the introduction of Observational Task Teams and ToR for four TT and a MoU with Euro-Argo was signed.
- This change in the EuroGOOS organisation has proven very valuable:
 - The TT has been very active
 - The initiative is well recognised in the community in Europe as well as outside
 - The TT’s form a good basis for the planning of EOOS
 - The Board propose the approval of two additional TT’s – Fixed platform and Marine mammals



In order to increase the dialog and cooperation joint meetings between the chairs of ROOS’s, WG’s , TT’s, the EuroGOOS Board and EuroGOOS office has been initiated and will be performed at least once a year.

EUROGOOS STRATEGY 2014-2020

Based on the EuroGOOS Strategy 2014-2020 and its Implementation Plan, both approved in 2014, a detailed Workplan for 2015 was prepared with several goals for both the Office as well as for the ROOS’s, WG’s and TT’s. The board carefully monitored the implementation of the plan and the initiative proved to be successful, because it helped to focus the activities and a large percentage of the goals was actually achieved. I hope such plan will be routine in the years to come.

The EuroGOOS Office has during past year supplemented the Strategy with a **“Communication Strategy”**, which already has led to a substantial increase communication and publication activity - web, twitter, flyers, policy briefs and reports etc. – an extremely important activity in our communication society and especially in a city like Brussels.

DATA EXCHANGE

Fostering open and free exchange of data is of high strategic priority to EuroGOOS, which primarily is reflected in our engagement in EMODnet and CMEMS, but also in the tasks we have in the EU funded projects that we are part of – existing as well as upcoming.

Although EuroGOOS has promoted this issue for several years there are still large amounts of data stored around in Europe that are not available for general use, so data exchange will be on the agenda for a long time still.

EuroGOOS is also active in international cooperative bodies on data exchange:

- IODE
- JCOMM Task Team for Integrated Marine Meteorological and Oceanographic Services within WIS (TT-MOWIS)

Additionally EuroGOOS are in contract negotiations to support activities under Copernicus:

- Together with EUMETNET EuroGOOS won a tender launched by EEA to support their cross-cutting in-situ data coordination
- MERCATOR Ocean to support CMEMS activities.

EOOS

A high priority area for EuroGOOS over the past year has been to push the concept of an European Ocean Observing System (EOOS). In cooperation with European Marine Board the EuroGOOS Office has taken the lead in the planning and description of the EOOS and it is very satisfactory to notice that:

- A Steering Group is now established and have had its first meeting.
- A roadmap is under preparation
- The concept of EOOS has attracted political attention, we hope this can help to increase awareness on the need for more ocean observations.

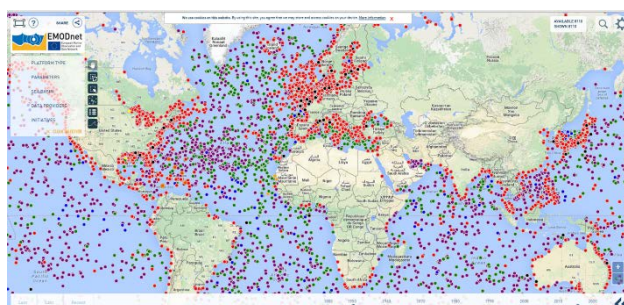
GOOS

EuroGOOS has over the past year been more active in GOOS activities than ever with purpose to contribute to the implementation of GOOS, strengthen our global relation and learn from regions. EuroGOOS secretary General was in 2015 appointed members of the GOOS Steering Committee where also two board members Rosalia Santoleri and Pierre-Yves LeTraon are members.

GOOS REGIONAL ALLIANCES (GRA)

EuroGOOS participated in the GRA Forum at Crete in 2015 and contributed substantially to the outcome of the meeting:

- Raised awareness on strengthening the GOOS organisation by making the GRA's a central part
- Presented visualisation of the model inventory performed in 2014



- Presented a possible solution on GRA real-time data portal based on EMODnet Physics portal – IOOS and IMOS data included (see figure)
- EuroGOOS and MONGOOS shall cooperate on strengthening links to the northern countries in GOOS Africa.

ARCTIC GOOS

EuroGOOS has in cooperation with the IOC GOOS office promoted the idea of establishing an Arctic GOOS. The idea has been presented at several meetings and via direct contacts to IOC representatives in US, Canada and Russia.

BLACK SEA GOOS

EuroGOOS has taken initiative to strengthen the links to and cooperation with the Black Sea GOOS community. EuroGOOS office organised a first meeting with Black Sea representatives in spring 2016.

GEO



GEO ended its first 10-years program in 2015 and thereby started the implementation of the 2016-2015 strategic plan. This also meant the establishment of a new organisational structure for GEO, where the establishment of the Programme Board is a new initiative. The programme Board, composed of persons nominated by GEO Members and Participating Organizations, supports the development and implementation of GEO activities. In particular, the Board oversees the establishment of the multi-year GEO Work Programmes as it ensures alignment of the scope and substance of activities proposed with GEO priorities and committed resources. It also examines proposed Implementation Plans for GEO Initiatives and Flagships.

A programme Board for the transitional year 2016 was appointed by the GEO plenary in Mexico late 2015, and the EuroGOOS chair was appointed member as representative for GOOS. At the first Programme Board meeting three participating organisations – CEOS, GOOS and WMO – was granted observer status to the Executive Committee.

My impression from after participating in the first Programme Board and Executive Committee meetings is that the oceans is rather invisible in GEO context – very few marine programme is in the work programme. In my mind GOOS should be the obvious marine component of GEO. I have established contacts to IOC, POGO and COSPAR (all participating organisations in GEO with an ocean mandate) to coordinate activities and to promote stronger ocean visibility in GEO

PROJECTS

It is very satisfactory that EuroGOOS has managed to be partner in a relatively large number of externally funded projects because:

- The projects we engage in supports our strategic objectives and we can thereby do a better job in implementing our strategy in support of our members

- It raises our visibility, it strengthens our links to key organisations and research infrastructures in Europe
- Improves our possibility to influence the future developments and decisions.
- EuroGOOS is regarded as an attractive partner.

Agenda Item 9: Reports from ROOSes

Document 9.1: Chairs' reports

Full ROOS Title	EuroGOOS Baltic Operational Oceanographic System
Established	1997
Chair/co-Chairs	Urmas Lips, MSI, Estonia
Current members	22 members/9 countries
Main contact person	Urmas Lips, urmas.lip@msi.ttu.ee
Webpage	http://www.boos.org/
Meetings 2015	
Next meetings planned	Annual Meeting, Programme team meetings and Scientific Workshop – 17-19 May 2016, Sopot, Poland
Main updates in membership and organization 2015-2016	No changes
Main work areas 2015-2016	Restructuring of BOOS (including adaption of programme agreements and new BOOS MoU; initiation of drafting new BOOS Strategy 2016-2020; participation in Copernicus service provision; development of ensemble forecasts; new web site, newsletter; inclusion new devices into NRT data exchange system; co-operation with HELCOM
Successes 2015-2016	Modelling Programme agreement signed; OBS Programme agreement drafted; Strategy drafted for Annual Meeting; new web site developed, newsletter issued; new devices included into NRT data exchange system and added to EMODnet Physics portal; gliders used for Baltic Sea operational monitoring
Bottle necks / problems	Coordination of operational observations and data exchange not as good as it could be
Main work plan areas 2016-2017	Adaption of Observation Programme agreement and first yearly plan; adaption of BOOS Strategy 2016-2020 (and start of implementation); development of services by the members using Baltic CMEMS products; active participation in EuroGOOS task teams and WGs
Links / synergies with other initiatives	Baltic CMEMS, EMODnet Physics and other operational oceanographic project

NB: status of the system to be presented orally

Full ROOS Title	EuroGOOS Arctic Regional Operational Oceanographic System
Established	2007
Chair/co-Chairs	Stein Sandven, NERSC, Norway
Current members	19 members/10 countries
Main contact person	Stein Sandven (stein.sandven@nersc.no)
Webpage	http://www.arctic-roos.org/ Contact person: Morten Stette (morten.stette@nersc.no)
Meetings 2015	Annual meeting at MRI in Reykjavik, 30 Nov – 01 Dec 2015
Next meetings planned	Annual meeting 2016 at UNIS, Longyearbyen, in Nov-Dec.
Main updates in membership and organization 2015-2016	Marine Research Institute in Iceland and UNIS in Svalbard signed the MoU and became member of Arctic ROOS in 2015.
Main work areas 2015-2016	Proposals: CMEMS, H2020 proposals on Arctic (BG-09, BG10), Sea ice proposal to Copernicus Climate Services, Work on operational sea ice products from SAR as follow-up of MyOcean SIW TAC, Continued Phase 2 of CCI Sea ice project, providing operational sea ice concentration and thickness products for climate users. Efforts to initiate more collaboration with institutions in Russia, USA and Canada. Initiated a process with IOC to establish Arctic GOOS
Successes 2015-2016	Started Arctic component of CMEMS (NERSC+met.no+IMR) Started SPICES project under H2020 led by FMI, Arctic ROOS data portal: in situ data included, collaboration with EmodNET
Bottle necks / problems	Discussion and clarification of what should be specific Arctic ROOS work, since we are involved in many ongoing activities that are run by various members of Arctic ROOS. It is a challenge to identify a clear role for Arctic ROOS since there are very many initiatives in the Arctic.
Main work plan areas 2016-2017	Proposal to JPI Climate services Extend the data availability and to increase the dissemination of Arctic observational data and forecasting services. Develop and update the website
Links / synergies with other initiatives	Strong links to CMEMS, EMODnet, ESA CCI and H2020 projects generated by Arctic ROOS members.

NB: status of the system to be presented orally

Full ROOS Title	EuroGOOS North West European Shelf Operational Oceanographic System
Established	2002
Chair/co-Chairs	Henning Wehde, IMR, Norway
Current members	23 members/9 countries
Main contact person	Henning Wehde, IMR, henningw@imr.no
Webpage	http://www.noos.cc ; http://noos.bsh.de/
Meetings 2015	Annual meeting 27-29.10.2015 Exeter, Steering Group meeting 21.05.2015 Brussels
Next meetings planned	Steering Group meeting 27.05.2016 Brussels, Annual meeting 18.-20. 10.2016 Copenhagen
Main updates in membership and organization 2015-2016	None
Main work areas 2015-2016	Continuation of Services and products delivery Development of CMEMS proposal and conduction of CMEMS NOWMAPS Work Multi model ensemble activities enhanced
Successes 2015-2016	More data integrated into the data portal New web site developed NOOS Services provided CMEMS component NOWMAPS established
Bottle necks / problems	Integration of biogeochemical data slower than wished Development process of the future strategy for NOOS still not elevated
Main work plan areas 2016-2017	Strategy development Strengthen collaboration with OSPAR Continuation of the Services provision
Links / synergies with other initiatives	CMEMS via NOWMAPS, EModNet physics, JericoNEXT and several national and international projects generated and/or conducted by NOOS members on operational oceanography

NB: status of the system to be presented orally

Full ROOS Title	EuroGOOS Mediterranean Operational Network for the Global Ocean Observing System
Established (year)	
Chair/co-Chairs	Giovani Coppini (CMCC, Italy), Enrique Álvarez Fanjul (Puertos del Estado, Spain)
Current members	32 members 13 countries
Main contact person	Giovani Coppini (CMCC, Italy), Enrique Álvarez Fanjul (Puertos del Estado, Spain)
Webpage	http://www.mongoos.eu/
Meetings 2015	6, 7 th May UfM meeting at Marocco 4,5,6 November Annual meeting; 1, 2 October UfM at Barcelona; Meeting at EMSA, November 16 th ; Kostas Nittis meeting, Athens 26-27 May
Next meetings planned	November 2016- annual meeting
Main updates in membership and organization 2015-2016	DHI (associated partner) and National Institute of Oceanography and Fisheries, Alexandria, Egypt
Main work areas 2015-2016	<ul style="list-style-type: none"> • Implementation of strategic plan • Preparation of Science plan • Contribution to MedOS • Promotion of MESCAT • Re-activation of modelling group • Preparation of a workshop on advanced modelling • Coordination with EuroGOOS task teams

Successes 2015-2016

- Coordination established with Africa GOOS
- Inclusion of National Institute of Oceanography and Fisheries, Alexandria, Egypt
- Preparation of MESCAT proposal (Now a GOOS and EuroGOOS supported project)
- REMPEC-MOON agreement activated
- Approval of strategic plan
- Preparation of MonGOOS science plan
- Creation of a new WG on fostering African countries participation created. Led by Karim
- Workshop: “From Operational Oceanographic Models to Storm Surge Predictions: the Future Strategy”

Bottle necks / problems

Lack of funding is preventing members sometimes to deliver expected and compromised feedback.

Main work plan areas 2016-2017

- Increase the level of collaboration and exploitation of synergies with EuroGOOS, Africa GOOS and Black Sea GOOS.
- Improve Northern African Countries participation in MONGOOS
- Improve collaboration with other organizations, such as UNEP-MAP, UfM, REMPEC, EEA, EMSA, IOC, WMO, JCOMM, EUMETNET, Marine Board, JPI-Ocean, CIESM, etc.
- Promote the further development and integration of MONGOOS members Operational Oceanography systems
- Increase visibility and recognition of MONGOOS and its members

Links / synergies with other initiatives

Strong links with EuroGOOS is many aspects and with ongoing projects on the region: MedOS, SAMOA; Jerico-next, Ritmare, EMODNET, etc...

NB: status of the system to be presented orally

Agenda Item 11: Reports from Working Groups

Document 11.1: Chairs' reports

Full WG Title	EuroGOOS Coastal Ocean and Shelf Seas Modelling Working Group
Established	2012
Chair/co-Chairs	P. Oddo, O.K. Leith
Current members	P. Oddo, F. Campuzano, T. Dabrowski, J. Siddorn, E. Stanev, J. Holt, G. Nolan, E. Deleersnijder, R. Benschila, B. Mourre. The list is under review.
Main contact person	Paolo Oddo
Webpage	http://eurogoos.eu/coastal-ocean-shelf-seas-modelling-working-group-cosmo-wg/
Meetings 2015	no
Next meetings planned	no
Main updates in membership and organization 2015-2016	F. Campuzano (Maretec, Portugal) and T. Dabrowski (Marine Institute, Ireland). B. Mourre – Balearic Islands Coastal Observing and Forecasting System, SOCIB, (Spain)
Main work areas 2015-2016	Identification of key areas for R&D
Successes 2015-2016	Survey, 15 questionnaires from coastal modelling community collected and analysed.
Bottle necks / problems	No Active participation from the ROOSs and coastal community. Need more active chairs/co-chair and members.
Main work plan areas 2016-2017	Mandatory to review the leadership and membership.
Links / synergies with other initiatives	GODAE COSS-TT

Full WG Title	EuroGOOS Science Advisory Working Group
Established	May 2014
Chair/co-Chairs	Jun She
Current members	I. Allen, A. Crise, J. A. Johannessen, P. Y. Le Traon, U. Lips, N. Pinardi, J. H. Reißmann, J. Siddorn, E. Stanev and H. Wehde
Main contact person	Jun She
Webpage	http://eurogoos.eu/science-advisory-working-group-sawg/
Meetings 2015	No meetings
Next meetings planned	SAWG meeting will be planned back to back with EuroGOOS 2017 conference
Main updates in membership and organization 2015-2016	Current membership is based on the working group on EuroGOOS Scientific Strategy white paper
Main work areas 2015-2016	EuroGOOS research strategy Coordinated lobby effort – H2020
Successes 2015-2016	<ol style="list-style-type: none"> 1. EuroGOOS scientific strategy has been made 2. The Scientific Strategy white paper was turn into a paper for Ocean Science publication: Developing European operational oceanography for Blue Growth, climate change adaptation and mitigation and ecosystem-based management, now in final review. 3. EuroGOOS policy briefing: now in printing 4. Coordinated lobby on H2020 Call- BG9: Integrated Arctic Observing System
Bottle necks / problems	Lack of resources, no face to face meetings
Main work plan areas 2016-2017	<ul style="list-style-type: none"> - Implementation of EuroGOOS research strategy: working with ROOSs on important common issues identified by the research strategy (4 marine knowledge areas) - Coordinated lobby on H2020 WP2018/20: SAWG + EuroGOOS office + research contacts from EuroGOOS members
Links / synergies with other initiatives	EOOS, ROOSs

Full WG Title	EuroGOOS Technology Plan Working Group
Established	
Chair/co-Chairs	Rajesh Nair
Current members	
Main contact person	Rajesh Nair
Webpage	http://eurogoos.eu/technology-plan-working-group-tpwg/
Meetings 2015	---
Next meetings planned	
Main updates in membership and organization 2015-2016	---
Main work areas 2015-2016	
Successes 2015-2016	---
Bottle necks / problems	
Main work plan areas 2016-2017	<p>Completion of pending Report on “Technologies Underpinning Operational Oceanography”</p> <p>Building a functioning network of marine “technology” professionals within the EuroGOOS framework</p>
Links / synergies with other initiatives	

Full WG Title	EuroGOOS Data Management, Exchange and Quality Working Group
Established	In 2005
Chair/co-Chairs	Sylvie Pouliquen
Current members	Representatives of all the ROOS, some Task Teams and the major data management initiatives and projects in Europe related to EuroGOOS activities
Main contact person	Sylvie Pouliquen – Patrick Gorringer
Webpage	http://eurogoos.eu/data-management-exchange-quality-working-group-data-meq/
Meetings 2015	A meeting was organised jointly with the EMODnet Jamboree in October 2015 in Ostend, Belgium
Next meetings planned	Next meeting will be in 2017
Main updates in membership and organization 2015-2016	<p>New EuroGOOS task teams that were not represented in DATAMEQ were added, i.e. Glider and HF Radars data representatives. The Euro-Argo and FerryBox TT were already represented.</p> <p>We have also extended to main representatives of integrators, i.e. ETT for EMODNet-physics in addition to Maris for SeaDataNet and Ifremer for CMEMS and AtlantOS.</p>

Main work areas 2015-2016

Implement the recommendations agreed in Brussels in 2013 through EuroGOOS ROOS and the main European Projects related to operation oceanography and data management in Europe. It refers to :

- Real Time Data Exchange and Quality Control: Enhancing service to ROOS by integrating more regional data. Improving Real Time QC procedures
- Enhance Interoperability between real time and delayed mode data streams: promoting the use and enhancing standard vocabularies , agreeing on a minimum set of metadata to be attached to all in situ data
- Improving interaction with operators and data managers: provide clearer guideline to share the data they produce, unlock access to existing data by establishing a win-win relation with them (organize regional outreach workshops, provide feedback to provider on anomalies detected at integrators ...)
- Facilitate the use of delayed mode data for Ocean Circulation reanalysis: joint effort between CMEMS/SDN/EmodNet-PP to enhance T&S historical product elaboration

Successes 2015-2016

Joint collaboration between CMESM, SDN and EMODnet partners has helped unlocking access to in-situ data in some EuroGOOS ROOSes.

Principles recommended by DATAMEQ have been endorsed in projects that have started in 2015 such as CMEMS-INSTAC, AtlantOS and will tackle new communities. Some progress is also made in science projects such as ODIP, EUDAT or ENVRI+ to develop coherent standardization identified by DATAMEQ (Guidance for DOI, Standardization and vocabularies, enhancing services to users by testing emerging IT services such as Cloud distribution).

Bottle necks / problems

Data policy in some countries and regions that limit the data exchanges.

A number of projects are working on enhancing data systems and the EuroGOOS community has to be careful on the coherency of the developments and the DATAMEQ recommendations are to be taken into account.

Main work plan areas 2016-2017

The 2016-2017 will be based on the recommendations elaborated in October 2015 and summarized in the meeting report. In continuity of the previous work, the main axes are:

- Enhance service to Users by extending the regional portals with the parameters and platforms necessary for the ROOSes activities, and updating aggregated historical in-situ datasets, important for reanalysis activities carried out within EuroGOOS;
- Enhance interoperability between real time and delayed mode data streams encouraging the use of same standards and code lists at European level based on SeaDataNet standards where available;
- Enhance discovery of data by documenting products /datasets /collection in common catalogue;
- Provide Guidelines for implementation of Data Citation (DOI)
- Improve interaction with Data providers by improving traceability of the use of data, visibility of providers to the integrators, feedback to providers on the use of data through integrators, QC of data by efficient reporting to provider when an anomaly is detected;
- Update guidelines to institutes through a handbook helping to connect those who want to exchange observations to SeaDataNet network and/or CMEMS/EuroGOOS portals
- Involve more efficiently potential providers by organizing regional meetings and supporting data sharing for new type of platform through EuroGOOS Task Team;
- Set up an efficient update process with providers using Cloud type IT services
- Enhance Data quality by updating RTQC procedures for
 - o T&S, Current and Sea-Level especially for coastal data
 - o Wave
 - o Current from HF Radars
 - o O2 Chl_a Nitrate Carbon

Links / synergies with other initiatives

DataMEQ recommendations will progress in close relation with major projects or organisations in Europe that are listed hereafter:

- CMEMS INSTAC for real-time data stream;
- SeaDataNet and CMEMS INSTAC for building historical products for reanalysis purposes;
- SeaDataNet for standard improvements;
- AtlantOS for trans-network in Atlantic : similar activities planned in Med and may be Arctic in 2015 BG12 call;
- JERICO-Next for coastal network expertise;
- EMODnet-Physics for interoperability with the EMODnet portal and contribution to unlocking access to private data;
- ENVRI+, ODIP2, EUDAT: for interoperability , standardization and international collaboration;
- EuroGOOS: to enhance link with in situ observing system operators and downstream users;
- JCOMMOPS: to enhance link with in situ observing system operators and networks at international level.

Annex 1 DATAMEQ members

Updated the 30th July 2015

Chair Sylvie Pouliquen

EUROGOOS Patrick Gorringer

BOOS and NOOS representatives

BSH	Susanne Tamm
SMHI	Thomas Hammarklint
UKMET	Matthew Martin, Fiona Carse
CEFAS	Kate Collingridge

IBI-Roos representatives

Puertos Del Estado	Marta de Alfonso
AZTI	Julien Mader

MOON representatives

Enea	Giuseppe Manzella
HCMR:	Leonidas Perivoliotis

Artic representative

IMR	Helge Sagen , Sjur Ringheim Lid, Henning Wehde
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Black Sea representative

IOBAS	Veselka Marinova
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Other program representatives

Argo/Gosud/OceanSITES/CMEMS-INSTAC	Thierry Carval
SeaDataNet	Dick Schaap/Peter Thijssse
EMODnet-Physics	Antonio Novellino
Interoperability Tools	Thomas Loubrieu
Ferrybox TT	Wilhelm Petersen/Gisbert Breitbach
Gliders TT	P Testor/ V Turpin
ICES	Neil Holdsworth/Hjalte Parner
RTQC-BIO (CMEMS-INSTAC- JERICO)	Kai Sorensen / NIVA
HF Radar TT	Julien Mader /AZTI

Agenda Item 12: Reports from Task Teams

Document 12.1: Chairs' reports

Full TT Title	EuroGOOS FerryBox Task Team
Established	Dec. 2014
Chair/co-Chairs	Franciscus Colijn, HZG /Wilhelm Petersen, HZG, Kai Sørensen, NIVA, Andrew King, NIVA
Current members	8 organizations, 7 countries
Main contact person	Franciscus Colijn, Wilhelm Petersen
Webpage	http://eurogoos.eu/ferrybox-task-team/ www.ferrybox.org
Meetings 2015	<p>FB TT meeting at:</p> <ul style="list-style-type: none"> • Jerico GA in Brest (April 2015) • FerryBox Workshop in Heraklion (April 2016) <p>Presentation of FB-TT at:</p> <ul style="list-style-type: none"> • DG-Mare in Brussels (Feb. '15) • Joint meeting of ROOSes in Brussels (Mar '15), • JCOM-SOT Meeting in Cape Town (April '15), • EuroGOOS Annual meet. in Brussels (May '15) • EuroGOOS Chairs meeting (Oct '15) • EuroGOOS Data-MEQ meeting Ostend (Oct'15).
Next meetings planned	Not yet determined
Main updates in membership and organization 2015-2016	CEFAS (UK)
Main work areas 2015-2016	<p>Writing a white book about FerryBoxes in Europe</p> <p>Starting initiative of a common data management and a central data portal for all FerryBox data in Europe</p>
Successes 2015-2016	Final draft of White Book
Bottle necks / problems	<p>Financial support for building up a common data base</p> <p>Activities are still not well spread over the whole team</p>
Main work plan areas 2016-2017	<p>Establishing a common data base and data portal,</p> <p>Improving of common operational data procedures and services</p> <p>Foster scientific and technology developments by joint activities in common projects (JERICO-Next, NEXOS etc.)</p>
Links / synergies with other initiatives	Jerico-Next, JCOMM-SOT, GoSud,

EuroGOOS Tide Gauge TT Status Report to GA, May 2016

Full TT Title	EuroGOOS Tide Gauge Task Team
Established	March 2015
Chair/co-Chairs	Begoña Pérez Gómez (PdE) / Vincent Donato (SHOM)
Current members	12 organizations from 9 countries
Main contact person	Begoña Pérez Gómez
Webpage	http://eurogoos.eu/tide-gauge-task-team/
Meetings 2015	Mallorca (Spain), 12 June, 2015 Madrid (Spain), 8 October, 2015
Next meetings planned	Webex meeting, May-June 2016 La Rochelle, November 2016
Main updates in membership and organization 2015-2016	Co-chair Vincent Donato (SHOM) New membership: Alessandro Anunziato (JRC-European Commission), Karim Hilmi (INRH-Morocco)
Main work areas 2015-2016	Definition of ToR, identification and update of sea level national contacts, review of existing sea level data portals, presentation of the task team to other sea level programs
Successes 2015-2016	<p>The core group has been consolidated during this first year and the national contacts identified.</p> <p>The Task Team was presented at the GLOSS Group of Experts 14th meeting in Goa (India), in October 2015, and at the NEAMTWS ICG (UNESCO) session in Dublin (Ireland) in November 2015.</p> <p>After completion of the national contacts list, a circular letter was sent with the announcement of the TT establishment to more than 110 individuals.</p> <p>The letter was accompanied by a survey on the status of the tide gauge networks in Europe and nearby countries. We have got 38 respondents to this survey, which was also accessible on-line in the EuroGOOS Webpage, with which main conclusions on funding and other problems can now be identified.</p>
Bottle necks / problems	<p>Delays on the answers to the questionnaire were obviously a big issue.</p> <p>Lack of answer at all from several important countries, many of them from a critical area where sea level data have been missed for years: the North of Africa.</p> <p>We found problems to identify adequate national contact or</p>

**Main work plan areas
2016-2017**

responsible person on charge of tide gauges at several countries.

- Organization of a one-day workshop of TG operators and sea level experts in La Rochelle (November 2016).
- This workshop will be held in parallel to the altimetry community OST/ST workshop: a side meeting “Altimetry and tide gauge for sea level” will take place during those days, where the altimetry and tide gauge communities will exchange experiences and needs and will generate a list of recommendations.
- Survey on status of sea level data portals (gaps, duplications, deficiencies)
- Circular to policy-makers about problems of existing tide gauge networks.
- Contribution to the Copernicus Ocean State Report (products from tide gauge data).

**Links / synergies with
other initiatives**

Altimetry community

Eumetnet collaboration – tide gauge data transmission to the GTS

Full TT Title	EuroGOOS HF Radar Task Team
Established	2014
Chair/co-Chairs	Julien Mader (AZTI, Spain)
Current members	Antonio Novellino (ETT, Italy), Annalisa Griffa (CNR-ISMAR, Italy), Johannes Schulz-Stellenfleth (HZG, Germany), Maribel Ruiz (Puertos del Estado, Spain), Lucy Wyatt (Univ. Sheffield, UK), Céline Quentin (MIO-Toulon, France), Anna Rubio (AZTI, Spain), Carlo Mantovani (CNR-ISMAR, Italy), Pedro Montero (INTECMAR, Spain), Michael Hartnett (NUIG, Ireland)
Main contact person	Julien Mader (jmader@azti.es)
Webpage	http://eurogoos.eu/high-frequency-radar-task-team/
Meetings 2015	Webex meeting Feb 6, 2015 Core group in Palma Sep28-Oct1, 2015, Mallorca, Spain
Next meetings planned	September 2016
Main updates in membership and organization 2015-2016	After official request through EuroGOOS Secretariat, Michael Hartnett (NUIG, Ireland) joined the group in Oct2015
Main work areas 2015-2016	<ol style="list-style-type: none"> 1. Management: Setting up of the HFR Task Team, Internal actions in EuroGOOS 2. Strategy: Roadmap (based on Inventory, state-of-the-art, workplan) 3. Networking and coordination activities <ol style="list-style-type: none"> 3.1. Co-operation: promoting/following coordinated actions in projects 3.2. Co-production of HFR data products 3.3. Recommendations 4. Promotion (diffusion, webpage) and representation (Global HFR, EOOS)
Successes 2015-2016	<p>[1.1] ToR writing; Core group definition, Kick-off in EuroGOOS structure.</p> <p>[3.1] <i>Building a community</i>: Joint proposals seeking for funding for networking activities: COST action proposals led by L.Wyatt. ITN CRUSOE proposal led by A. Rubio</p> <p>[3.1] Coordinated actions established in funded projects JERICO-NEXT, INCREASE, EMODNET-Physics that provide outputs and benefits for all the HFR community.</p>

	<p>[3.1] a Pilot web platform (BaseCamp) administrated by P-Montero (INTECMAR) has been used for interacting in a joint task (cf. next success). It gave good results and could be used as a wider level by the HFR TT.</p> <p>[3.2] Successful pilot action for connecting HFR systems with a homogenised THREDDS catalogue (EMODnet Physics framework)</p> <p>[4] Webpage: V0 - in the context of the EuroGOOS conference (EMODnet Physics)</p> <p>[4] EGU April 2015, co-organization and co-chairing of the special session: Oceanography at coastal scales. Modelling , coupling and observations. Oral contribution to the session with a presentation on HFR Task Team activities and plans entitled: European coordination for coastal HF radar data in EMODnet Physics.</p>
<p>Bottle necks / problems</p>	<p>Difficulties in funding a wide networking project (like a COST action).</p> <p>Some operators have difficulties to make their system sustainable (Research funding).</p>
<p>Main work plan areas 2016-2017</p>	<p>[1] Communication and technical exchanges in the Task Team (on-line meetings; use of communication tool).</p> <p>[2] Roadmap will be established based on an Inventory of the current network, state-of-the-art (technology, R&D, existing European and national projects, etc), objectives and strategy for development, integration, applications, workplan for future.</p> <p>[3.1] Harmonization and co-production will be produced in different projects (JERICO-NEXT/INCREASE).</p> <p>[3.2] Progress on connecting existing system to European data systems.</p> <p>[3.2] Progress on defining and developing co-produced applied services.</p> <p>[3.3] Recommendations on metadata, data format and quality control will be available.</p> <p>[4] Developing contents in the webpage; Promoting the ROW2017 in Germany</p>
<p>Links / synergies with other initiatives</p>	<ul style="list-style-type: none"> • EuroGOOS WGs • HFR TT should play a role in EOOS development • Link with Global HFR network, ROW, ROWG

Full TT Title	EuroGOOS Euro Argo Task Team
Established	May 2014 at the creation of the Euro-Argo ERIC
Chair/co-Chairs	Sylvie Pouliquen
Current members	<p>Euro-Argo ERIC Members are countries, and adherence to the ERIC is signed at ministry level who then designates an institute to represent the country in the Euro-Argo ERIC Council and Management Board.</p> <p>10 countries has signed the statutes. They represent 17 institutes.</p>
Main contact person	Sylvie Pouliquen
Webpage	http://eurogoos.eu/euro-argo/
Meetings 2015	3 Management Board Meetings and 2 Council meetings were organised in 2015 and 1 Management Board and 1 Council in 2016
Next meetings planned	June 2016 for the next Management Board and Next November for the next Council meeting
Main updates in membership and organization 2015-2016	<p>Founding Members: Finland, France, Germany, Greece, Ireland, Italy, Netherlands, United Kingdom</p> <p>Founding Observers: Norway, Poland</p> <p>Ireland joined the ERIC in April 2016</p> <p>At the Euro-Argo Central RI, 2 persons joined the team G Obolensky in September 2015 and R Cancouët in April 2016.</p>
Main work areas 2015-2016	<p>The Euro-Argo Research Infrastructure (ERIC + National component) is mainly funded by Members</p> <p>Euro-Argo ERIC works along six main activities:</p> <ul style="list-style-type: none"> • Set up and management of the Euro-Argo ERIC • Enhance communication and outreach (incl. scientific community) • Coordination of Euro-Argo float deployment and float monitoring activities • Development of a long term Euro-Argo strategy for the next decade incl. implementation issues • Organize the work of the ERIC for new EU projects • Work with EC to develop a sustained European contribution to Argo

Successes 2015-2016

DG-Mare through EASME contacted the Euro-Argo ERIC to submit an application for a grant for the implementation of the action Monitoring the Oceans - Action 1.2.1.1. of the EMFF Work Programme 2015. The Proposal was submitted on 10 April, revised according on 6 May, signed mid-June, and started end of June 2015. The goal of the project is to procure and deploy of 150 floats (20% co-funding from members), and process collected data as a contribution towards the European effort under the international Argo programme.

Bottle necks / problems

Mostly relies on research funds with uncertainties in terms of sustainability. Difficulties in developing with EC a sustained European contribution to Argo.

Main work plan areas 2016-2017

Euro-Argo ERIC plans to work in 2016 along six main activities:

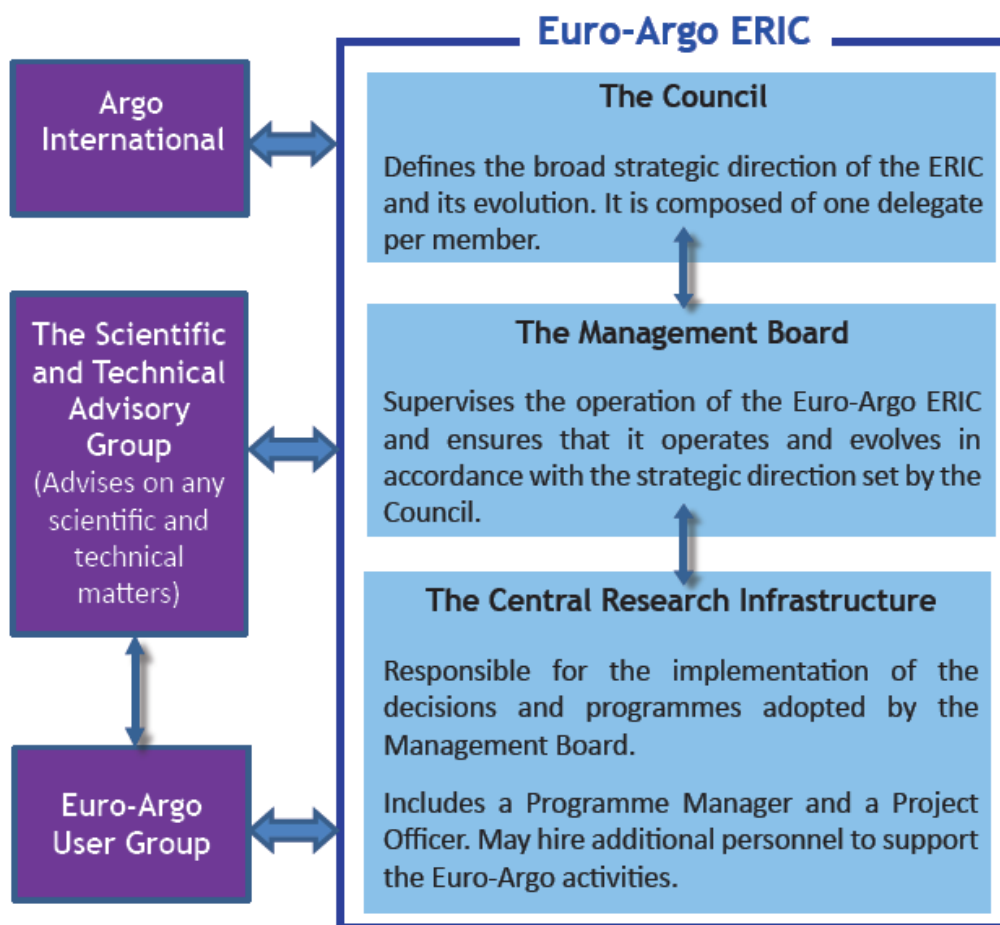
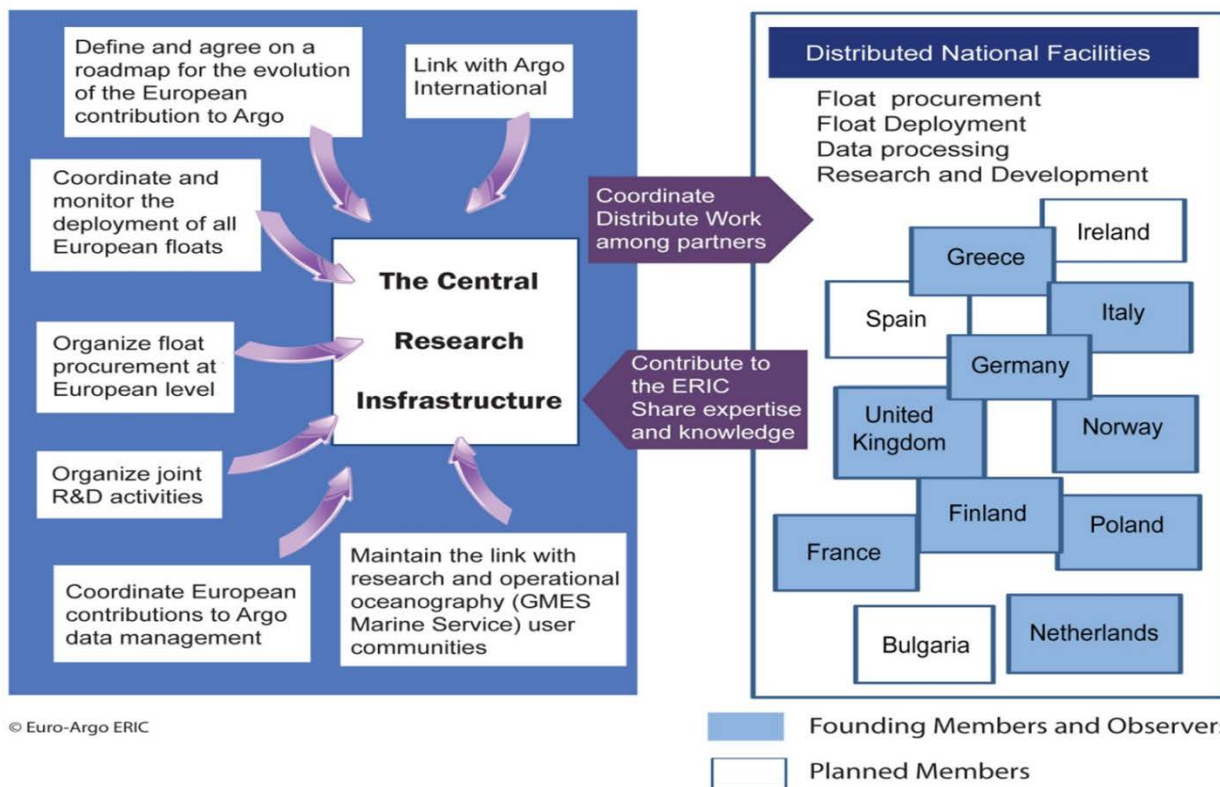
- Coordination of Euro-Argo float deployment and float monitoring activities
- Perform the work of the ERIC within the EU projects (MOCCA AtlantOS and Envri+)
- Finalise the Euro-Argo Strategy for next decade in coherence with Argo development and develop with Members an Implementation plan for the Euro-Argo including the extensions
- Enhance communication and outreach including training
- Work with EC to develop a sustained European contribution to Argo

Links / synergies with other initiatives

Euro-Argo is involved in AtlantOS and leads the task on profiling floats. It's also involved in the ENVRI+ project that aims at creating a more coherent, interdisciplinary and interoperable cluster of Environmental Research Infrastructures across Europe .

Euro-Argo also work closely with Copernicus Marine Service (CMEMS) to take into account CMEMS needs in the strategy development.

ANNEXE : Organisation and Governance



Agenda Item 12: Reports from Task Teams

Document 12.2: Terms of Reference for new Task Teams: on Fixed Platforms and Animal-Borne Instruments

Animal-Borne Instrument Task Team ABI TT

Terms of Reference

1. The European Animal-Borne Instrument (ABI) network will assist in the standardization of animal-borne instrument operations, data and applications of a multi-purpose network, including:
 - All applications of animal-borne instruments (physical and biological oceanography, animal behavior and management...)
 - Applications to supplement other technologies (including gliders, AUVs, fixed platforms...) in optimizing real-time observations in support of operational oceanography
2. To contribute to the development of the European Ocean Observing System (EOOS)
3. To promote the integration of animal-borne instruments in ongoing and future European initiatives and identify relevant products required by end users
4. To act as the European component in the global ABI community
5. To ensure data availability via the ROOS data portals
6. To provide recommendations (from operators to end-users) on:
 - Data structure, format and dissemination (interoperability of datasets)
 - Quality control procedures
 - Validation procedures
 - Technological solutions

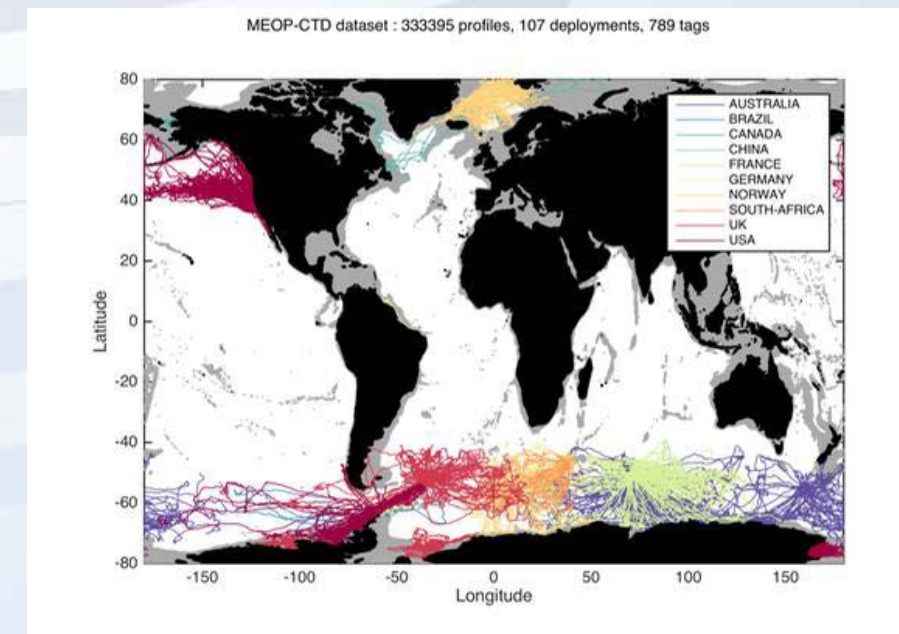
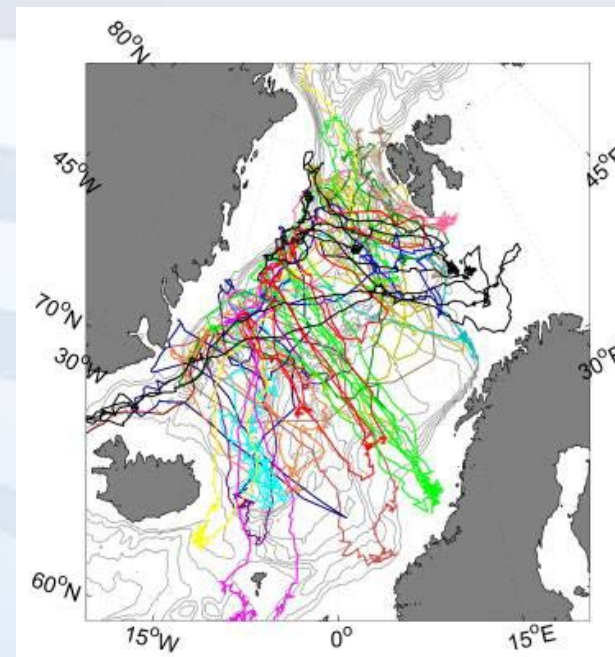
Animal-Borne Instrument Task Team ABI TT

Terms of Reference

7. To be a framework for:

- sharing success stories and difficulties;
- improving administrative procedures, regulations at European level that can be adopted in member states;
- providing and exchanging tools (data analysis, applications...);
- promoting scientific synergies for key questions;
- filling gaps and looking for complementarity with other technologies or modelling products;
- promoting joint progress through networking (e.g. creating synergies between different local consortium).

8. The TT will report to EuroGOOS Executive Board and to the EuroGOOS General Assembly



Fixed Platform TT

Terms of Reference (suggested)

- 1.** To develop Europe's Fixed Platform network and assist in the standardization of operations by sharing best practice.
- 2.** To contribute to the development of the European Ocean Observing System (EOOS)
- 3.** To ensure the integration of Fixed Platforms in Coastal and open ocean
- 4.** To act as the European component of the Ocean Sites community and other relevant initiatives
- 5.** To enhance the number of Biogeochemical measurements in European seas
- 6.** To ensure data availability via the ROOS data portals and hence to CMEMS and EMODnet
- 7.** To provide recommendations on: Data structure, format and dissemination (interoperability of datasets) and Quality control procedures.
- 8.** Link with EuroGOOS WG (DATAMEQ WG, TPWG) and relevant ongoing programs and projects (e.g. CMEMS INSTAC, EMODnet, JERICO-NEXT, etc.) to avoid duplication of efforts.
- 9.** The TT will report to EuroGOOS Executive Board and to the EuroGOOS General Assembly

Agenda Item 13: EuroGOOS projects

Document 13.1: Project overview sheets

EU Projects

Overview of EuroGOOS involvement

Project Title	AtlantOS
Duration	3 years, April 2015 – March 2018
Main Objective	<p>The overarching objective of AtlantOS is to achieve a transition from a loosely-coordinated set of existing ocean observing activities producing fragmented, often monodisciplinary data, to a sustainable, efficient, and fit-for-purpose Integrated Atlantic Ocean Observing System (IAOOS). This will be achieved through research and innovation activities focused on:</p> <ul style="list-style-type: none"> • Defining requirements and systems design, • Improving the readiness of observing networks and data systems, • Engaging stakeholders around the Atlantic, as well as strengthening Europe’s contribution to the Global Ocean Observing System (GOOS) - a major component of the Group on Earth Observations (GEO), its Global Earth Observation System of Systems (GEOSS), and specifically its emerging “Oceans and Society: Blue Planet” initiative.
Project Budget	20.7 Mill. Euro
EuroGOOS Budget	387,875 Euro
Funding Mechanism	EU Horizon 2020
Coordinator	GEOMAR, Germany, Martin Visbeck
Consortium	63 partners
Project Website	https://www.atlantos-h2020.eu/ (renovated on 12/2015)
EuroGOOS Team Responsible	Erik Buch, Vicente Fernandez
EuroGOOS Role	Co-lead in WP1; Involved in WP, 6 , 7 and 9.
Strategic Relevance to EuroGOOS	AtlantOS will contribute to the Atlantic component of EOOS
EuroGOOS Tasks and Deliverables	<p>WP1: Observing system requirements and design studies - EuroGOOS co-leader with IOC. EuroGOOS is responsible for two deliverables: Capacities and gap analysis (D1.3) and Cost and feasibility study (D1.4)</p> <p>WP9: System evaluation and sustainability. EuroGOOS is responsible for one deliverable: Report on sustainability issues (D9.5)</p> <p>In WP 4, 6 and 7 EuroGOOS provides background information; in WP 9 – supports dissemination and stakeholder engagement</p>

Recent Project Developments

- Kick-off meeting took place on 10-12/06/2015
- New EuroGOOS scientific officer started to work on 1/11/2015 and will support AtlantOS and other projects
- WP 1 teleconference on 16/10/2015
- WP 7 (Task 7.1 and 7.2) second meeting took place in Paris on 3 and 4 Dec 2015
- WP1 (Tasks 1.1 and 1.2) first meeting in ICES (Denmark) on 14-15 Jan 2016
- EuroGOOS delivered its input to D1.1 by mid-February 2016. Finalisation of the report is the duty of IOC, deadline end February. Report still not delivered!
- EuroGOOS is responsible for lead Task 1.2 (deliverable 1.3 and 1.4). The work has been initiated and Vicente has produced oversight on existing observations for a number parameters based on subtractions from CMEMS, EMODnet, JCOMMOPS and SeaDataNet databases
- AtlantOS GA will take place in Kiel on 28-30/06/2016

General comment: EuroGOOS should be leading WP1 together with IOC/GOOS, however currently this cooperation is virtually non-existing

EU Projects

Overview of EuroGOOS involvement

Project Title	COLUMBUS
Duration	36 Months (March 2015 –February 2018)
Main Objective	To ensure that applicable knowledge generated through EU-funded science and technology research can be transferred effectively to advance the governance of the marine and maritime sectors.
Project Budget	€ 3.9M
EuroGOOS Budget	€113,375; 9 person months
Funding Mechanism	H2020-BG-2014-1, CSA
Coordinator	Bord Iascaigh Mhara (BIM); strategic & operational leader: AquaTT, Ireland, David Murphy, david@aquatt.ie
Consortium	26 partners
Project Website	www.columbusproject.eu (under construction)
EuroGOOS Team Responsible	Dina Eparkhina and Glenn Nolan
EuroGOOS Role	EuroGOOS works within one of the 9 Competence Nodes - Monitoring and Observation; the knowledge fellow for this Node is with Seascope Consultants, UK. Within the Node activities, EuroGOOS will be tasked to coordinate a case study on ‘transferring’ concrete data products for application in private sector (likely, tourism)
Strategic relevance to EuroGOOS	Knowledge transfer from research/coordination to application is on top of EC agenda, this project will strengthen EuroGOOS role as a strategic organization, and also expand its direct network – project includes several industry-related partners.
EuroGOOS Tasks and Deliverables	<p>WP2 Capacity building – Training workshop</p> <p>WP3 Knowledge demand for Blue Growth – Definition of needs, gaps and challenges</p> <p>WP4 Knowledge supply - Identify data held in portals and their potential knowledge outputs</p> <p>WP5 Knowledge analysis - Analyse the knowledge outputs from WP4 and to define a roadmap to bring this knowledge towards a wider impact</p> <p>WP6 Knowledge transfer - Implement knowledge transfer plan and host a brokerage event</p> <p>WP7 Communication and dissemination</p>

Recent Project Developments

Reports:

- WP3 report on knowledge gaps: EuroGOOS contributed to identifying EU strategic documents relevant to Ocean Observing, Jan. 2016
- WP4 inventory of portals and repositories and their role in knowledge transfer to support blue growth, April 2016
- 6M and 12M reporting, October 2015 and April 2016

Meetings:

- 1st Annual Conference, 2 March 2016, Brussels (EuroGOOS talk on EOOS)
- 3rd Partners Meeting, 3 March 2016, Brussels
- Meeting with Observations Node team, 19 April 2016, Ostend
- 4th Partners Meeting, 12-13 July, Vigo

Within the activities of the Observation Node, EuroGOOS is planning a workshop with industry at the SeaTech Week in Brest, October 2016

Project Title	JERICO-NEXT
Duration	4 years (September 2015 – August 2019)
Main Objective	<p>Strengthening and enlarging a solid and transparent European network in providing operational services for the timely, continuous and sustainable delivery of high quality environmental data and information products related to marine environment in European coastal seas;</p> <p>Support European coastal research communities, enable free and open access to data, enhance the readiness of new observing platform networks by increasing the performance of sensors, showcasing the adequacy of observing technologies and strategies and proposing a medium-term roadmap for coastal observatories through a permanent dialogue with stakeholders.</p>
Project Budget	Ca. €10 million
EuroGOOS Budget	€122.750
Funding Mechanism	EC H2020-INFRAIA-2014-2015
Coordinator	IFREMER, Patrick Farcy, patrick.farcy@ifremer.fr
Consortium	33 partners from 15 countries representing all European regional seas
Project Website	http://www.jerico-fp7.eu/
EuroGOOS Team Responsible	Patrick Gorringe
EuroGOOS Role	Primarily in WP5 which focuses on data availability in the coastal ocean and minor actions in WP1 and WP3
Strategic relevance to EuroGOOS	Supports EuroGOOS strategy on ocean observations and data exchange
EuroGOOS Tasks and Del.	<p>WP1: Integrated Science Strategy and Governance from local to European Scales: (4 person months)</p> <p>Task 1.4: Interaction with European and international Ocean Observing networks</p> <p>Task 1.5: Strategy toward sustainability: Economics and Governance</p> <p>WP3: Task 3.2 Development on current observations from HF RADARS (1 person month)</p> <p>WP 5: Task 5.1: Data policy and distribution (8 person months)</p> <ul style="list-style-type: none"> ○ Provide recommendations on a free and open data policy for JERICO-NEXT ○ Deliver a JERICO-NEXT catalogue of metadata ○ Define the specifications for handling European Ferrybox data <p>Task 5.6: Definition of Quality Control procedures for HF Radar data</p>

Recent Project Developments

Task 5.8: Linking JERICO-NEXT activities to a Virtual Access infrastructure

- Dedicated data management meeting held in London 17th March 2016

In order to meet the EuroGOOS Office tasks, mainly in WP5, the following actions have been taken:

- The Office has reviewed a number of data policy documents in order to suggest a data policy for JERICO-NEXT
- The Office has explored and suggests to use SEXTANT metadata catalogue, developed at IFREMER, as the JERICO-NEXT catalogue
- The Office has, together with the FerryBox Task Team agreed on a common approach for handling FerryBox data – showing a unified, strong community
- Office attended a JERICO-NEXT/HF Radar Task Team dedicated meeting in San Sebastian 9-10 March

Project Title	EMODnet Physics Phase II
Duration	July 2013 - June 2016
Main Objective	The overall objective of EMODnet Physics is to provide access to near-real-time data and historical time series and datasets on physical conditions of the seas and oceans in Europe and to determine how well the data meets the needs of users from industry, public authorities and science
Project Budget	1 Mill Euro
EuroGOOS Budget	35.000 + 50.000€ (Remaining budget: ~15.000€)
Funding Mechanism	DG MARE (European Maritime and Fisheries Fund, EMFF)
Coordinator	ETT, Antonio Novellino, antonio.novellino@ettsolutions.com
Consortium	ETT, EuroGOOS, Ifremer, MARIS, BODC
Project Website	www.emodnet-physics.eu
EuroGOOS Team Responsible	Patrick Gorringe
EuroGOOS Role	Assist the coordinator, represent EuroGOOS members, ROOSs and Task Teams, promote data sharing, organise workshops and related activities, continuously add new stations and platforms in collaboration with the ROOSs (part of agreements with the ROOSs) and Task Teams, advice on portal layout, represent EMODnet Physics at meetings, conferences, etc. Coordinate and link activities to CMEMS, SDN, JERICO-NEXT and other programs/projects and initiatives.
Strategic Relevance to EuroGOOS	Supports EuroGOOS strategy on ocean observations and data exchange
Recent Project Developments	<ul style="list-style-type: none"> • Ongoing discussions for Phase III (call to be out in May/June). New parameters to be added in phase III are likely underwater noise and river data • Currently evaluating the EMODnet Physics funding to support ROOS activities to increase the amount of available data in the system • Currently approximately 5150 (previously 2580) platforms in the European portal. • Approximately 12.000 (previously 8500) platforms in the global test site including historical data.

- Discussions with FixO3 on adding all available data not yet in the Physics portal
- Data workshops planned in Turkey, Portugal, Morocco
- New products in the EMODnet Physics portal: Sea ice (extent and type), sea level trends and wind product.
- Ongoing discussion on adding further relevant CMEMS products
- MoU between CMEMS and EMODnet Physics to be finalised in a near future
- Working on Single Sign On/Open-ID in collaboration with Mercator – IFREMER and SDN
- Will add data from seals during first half of 2016 (track, water temp)
- Exploring adding data from wave gliders
- Discussions with GOOS, JCOMMOPS and IODE on Global portal

EU Projects

Overview of EuroGOOS involvement

Project Title	EMODnet Baltic Sea Checkpoint
Duration	3 years; June 2015 – June 2018
Main Objective	<ul style="list-style-type: none"> • Examine the current data collection, observation, surveying, sampling and data assembly programs in the Baltic Sea basin • Assess and demonstrate how they can fit for purpose in the 11 challenge areas in terms of data uncertainty, availability, accessibility and adequacy, and • Deliver the findings to stakeholders through an internet portal with dynamic mapping features and a stakeholder workshop
Project Budget	784,000 Euro
EuroGOOS Budget	54,000 Euro
Funding Mechanism	DG MARE (EMFF)
Coordinator (org, contact)	DMI, Denmark, Jun She
Consortium	10 partners and one subcontractor
Project Website	http://emodnet-balticsea.eu/ is under construction; a test site is available http://151.1.25.219/balticseacheckpoint/
EuroGOOS Team Responsible	Erik Buch
EuroGOOS Role	Leading WP1: Literature survey; WP14: Panel organisation and WP16: Stakeholder workshop
Strategic relevance to EuroGOOS	Supports EuroGOOS's strategy on ocean observations and data exchange
EuroGOOS Tasks and Deliverables	<ul style="list-style-type: none"> • Coordinate the delivery of a literature survey report • Set up a panel of experts, organise two meeting for the experts and edit two reports from the panel • Organise one stakeholder workshop
Recent Project Developments	<p>Status May 2016:</p> <p>EuroGOOS has during the past three month been engaged in leading WP1 – Literature survey. The work has been concentrated on:</p> <ul style="list-style-type: none"> • Finalise report - the report was delivered 11. March 2016 (deadline was 18 March 2016) • Finalise table and update statistics for the report • The literature survey has been reviewed by EU-reviewers. The review was generally very positive but a few clarification and small corrections was requested. An updated report was delivered 11 May 2016. • Additionally EuroGOOS has taken part in discussions and planning for a joint Sea Basin Checkpoint Stakeholder meeting

Project Title	PRO-ATLANTIC – EMODnet Atlantic Check Point
Duration	3 years (September 2015 – August 2018)
Main Objective	ProAtlantic is the DG MARE seabasin checkpoint project for the Atlantic Ocean and is focused on assessing whether the observational data available can answer key questions related to key societal challenges in the Atlantic . The challenges are; Offshore wind siting, Marine Protected Areas, Oil spill, Climate, Coasts (sea level and erosion/deposition), Fisheries management, fisheries impact, eutrophication, river inputs, bathymetry and Alien species.
Project Budget	€1.59 million
EuroGOOS Budget	€40,000
Funding Mechanism	EC DG MARE tender funding
Coordinator	IFREMER, Jacques Popolus, jacques.popolus@ifremer.fr
Consortium	10 partners from 6 countries
Project Website	Under development
EuroGOOS Role	EuroGOOS will work primarily on WP1 (Literature search) (and WP6 (Coast challenge) with partners in IFREMER, IMI, HR Wallingford and CLS.
Strategic relevance to EuroGOOS	Addresses data coordination and challenges, tests real applications according to identified societal needs
EuroGOOS Team Responsible	Glenn Nolan and Patrick Gorringer
EuroGOOS Tasks and Del.	WP1 (Literature search) (1 person month) WP6 (Coasts challenge) (2.5 person months)
Recent Project Developments	<ul style="list-style-type: none"> Delivered document to help identify the upstream data potentially used by the challenges and to later establish their fitness for use (in the Data Adequacy Report) Delivered a use case template for the coast challenge Regular Skype meetings with coast challenge partners Office has attended a SEXTANT catalogue training session in Brest 4-5 February Project website: http://www.emodnet-atlantic.eu/

EU Projects

Overview of EuroGOOS involvement

Project Title	CMEMS In-Situ Thematic Assembly Centre (INSTAC)
Duration	May 2015 - April 2018
Main Objective	The CMEMS INSTAC aims at providing a seamless transition from MyOcean Pilot INSTAC
Project Budget	5M€ for the 3 year period 80% on Operational activities, 20% on system evolution and cross-cutting
EuroGOOS Budget	50,000€
Funding Mechanism	DG GROWTH (European Maritime and Fisheries Fund, EMFF)
Coordinator	Ifremer, France, Sylvie Pouliquen, Sylvie.Pouliquen@ifremer.fr
Consortium	IMR, SMHI, BSH, PdE, HCMR, IO-BAS, ACRI, CLS, CNRS, EuroGOOS, MetOffice, NIVA, OGS, Socib, SYKE
Project Website	http://marine.copernicus.eu
EuroGOOS Team Responsible	Patrick Gorringe
EuroGOOS Role	<ul style="list-style-type: none"> Facilitate coordination between CMEMS INSTAC, EMODnet and the NODCs/SDN Establish contacts with on-going and future projects and infrastructure programs involved in ocean observations and observation networks Initiate dialog with on-going and future European research projects making marine observations to secure that they make their data available Promote INSTAC activities where appropriate Coordinate with European Environmental Agency (EEA) Add data from the GOOS GRAs in the INSTAC
Strategic relevance to EuroGOOS	Supports EuroGOOS strategy on ocean observations and data exchange
EuroGOOS Tasks and Del.	Task 3.4 Improve uptake of new providers with EuroGOOS/ROOSs and coordinate links with EMODnet and EEA
Recent Project Developments	<ul style="list-style-type: none"> 2st Plenary meeting planned 19-20 May Office has promoted INSTAC activities at a number of meetings. This has increased the awareness of the INSTAC and clarified the roles of INSTAC, EMODnet and SDN All data made available to EMODnet Physics also available to INSTAC via the ROOSs

- Office has initiated contact with the GOOS GRAs to increase the amount of data to the INSTAC

EU Projects

Overview of EuroGOOS involvement

Project Title	ENVRI PLUS
Duration	May 2015 – April 2019
Main Objective	Provide common solutions to shared challenges for European Environmental and Earth System Research Infrastructures (RIs) in their efforts to deliver new services for science and society
Project Budget	14.6 Mill Euro
EuroGOOS Budget	145,500€
Funding Mechanism	Horizon 2020
Coordinator	University of Helsinki, Werner Kutsch, werner.kutsch@helsinki.fi Ari Asmi, ari.asmi@helsinki.fi
Consortium	22 Research Infrastructures (11 ESFRIs), 1 ERIC, 2 Associations, 37 Beneficiaries In the marine domain: SDN, Eurofleets II, EuroGOOS, FixO3, ESONET, JERICO-NEXT, Euro Argo
Project Website	http://envri.eu
EuroGOOS Team Responsible	Glenn Nolan
EuroGOOS Role	Involved in linking in-situ research infrastructure to satellite community, dissemination and communication of project results and providing strategic advice via the Board of European Environmental Research Infrastructures (BEERi)
Strategic relevance to EuroGOOS	Enables strong cooperation potential with marine and non-marine research infrastructures in Europe.

EuroGOOS Tasks and Deliverables

Task 1.2.3 Observation continuum: enhancing use of RIs for satellite validation from and to assimilation and services

Task 6.1.2. Facilitation of the communication and coordination of the cluster level integration in the frame of ENVRI strategy

Task 6.1.4. Policy communication and strategic collaboration with other RI communities, national, regional and international key actors

Task 6.2.3 Liaison and collaborative action with RI users

Update post annual meeting (Nov 2015):

1: Attended 2 ENVRI+ Board meetings (BEERI) initially on behalf of Erik Buch. Glenn Nolan now fulfils this role (agreed with chair) no major developments to report.

2: ENVRI+ WP leads agreed to produce material to simplify the explanation of the project which is complex.

3: Task 1.2.3: EuroGOOS suggested that the focus of the marine case could be feasibility of different platforms to carry a sensor payload for satellite validation. Richard Lampitt will lead this task with input from UPMC and EuroGOOS where we will focus on linking in-situ activity with the satellite community.

Recent Project Developments

ENVRI PLUS weeks took place in Prague on 16-20 November 2015 and Zandvoort,NL on May 9-13 2016.

Agenda Item 16: Status of 2015 General Assembly actions

Document 16.1: Report of the 2015 EuroGOOS GA

Report

Meeting	EuroGOOS AISBL Annual Meeting (General Assembly)
Date & time	20 May 2015 (13:00) to 22 May 2015 (12:00)
Venue	EuroGOOS AISBL/BELSPO, Av. Louise 231, 1050 Brussels BELGIUM

- All referenced documents and meeting presentations are available at: <http://eurogoos.eu/documents/annual-meetings/>
- List of annexes:
 1. Full list of actions
 2. Formal resolutions
 3. Member contributions 2016 and 2017
 4. List of participants
- A news item on EuroGOOS website: <http://eurogoos.eu/2015/05/22/eurogoos-2015-annual-meeting-20-22-may-2015/>

DAY 1: Open Session

1. Chair's welcome

Erik Buch welcomed the meeting delegates. The agenda of the meeting (EG15.28) was adopted.

2. Reports from Chair and Secretariat

2.1. Chair's Report

Erik Buch presented an overview of the organisation's activities to date, touching upon:

- Secretariat/staff matters;
- EuroGOOS strategy 2014-2020;
- European Ocean Observing System (EOOS);
- Communication;
- H2020 Projects;
- Organisation structure (ROOSes, Working Groups and Task Teams);
- Conference;
- International cooperation and GOOS;
- Copernicus.

He introduced Dina Eparkhina to the members who has joined the Secretariat as Coordination and Communication Officer. Dina previously worked at the European Marine Board in Ostend. She joined the EuroGOOS team on a service contract in early May and will be fully employed as of September. At EuroGOOS, Dina will develop the Communication Strategy and support communication tasks in Horizon 2020 projects, notably Columbus and AtlantOS.

2.2. Secretariat Report

The Secretary General Glenn Nolan took office in Brussels on 1 May 2015. He presented a plan for running the Secretariat, focusing on a set of priorities pertaining to the EuroGOOS Strategy such as:

- Developing a communication strategy for EuroGOOS;
- Strengthening and assisting the TTs, WGs and ROOSes;
- Developing and promoting the EOOS concept;
- Membership strategy;
- H2020 projects;
- GOOS and Black Sea capacity.

Glenn Nolan updated the meeting on the EOOS brainstorming workshop which took place a week prior to the General Assembly at the EuroGOOS offices, organized jointly by EuroGOOS and the European Marine Board. A detailed overview of the workshop was presented on Day 2.

Dina Eparkhina presented an outline of the communication strategy. The strategy will build on the EuroGOOS strategic plan 2014-2020 and will focus on impact and growth. The General Assembly welcomed the approach. The following points were made:

- Need to establish stronger communication links with ROOSes. Joint participation at the European Maritime Day exhibitions was mentioned as an example;
- Include young researchers as one of the communication targets;
- Use EuroGOOS as an interface between the observation community and policymakers, also to promote better links between different DGs of the Commission;
- Build in the communication plan a mechanism to protect EuroGOOS visibility with the promotion of EOOS;
- There may be a need to rethink some terminology to attract wider audience (e.g. policy, who may not be familiar with technical terms).

Action 1: Develop the EuroGOOS communication strategy (Secretariat, update on progress at General Assembly 2016).

3. Links with international / EU partners & initiatives

The importance of communication and cooperation with international initiatives and the private sector has been identified and the Secretariat and chair have taken initiatives to establish better links with those partners. The following organisations were invited to participate to the General Assembly Open Session:

- POLARISK Group (Mikå Mered);
- IMBER – (Einar Svendsen);
- Southern Ocean Observing Systems - SOOS (Anna Wåhlin);
- Copernicus Marine Service (Pierre Yves Le Traon on behalf of Pierre Bahurel, Mercator Ocean): The EC has delegated Mercator Ocean to run the operational Copernicus Marine Environment Monitoring Service (CMEMS). Following that, Mercator launched calls for tenders to set up contracts for the different tasks needed to deliver the service (concluded in April 2015). The service runs operationally and uninterrupted since May 2015;
- JERICO and JERICO-Next projects (Patrick Farcy).

All presentations are available here: <http://eurogoos.eu/documents/annual-meetings/>

4. Reports from ROOS Chairs

NOOS (H. Wehde)

Chair presented the NOOS activities, highlighting the following challenges and plans:

- Achieving better coordination of national monitoring systems;
- Lack of resources for several members to participate in NOOS and its projects;
- Bridging the gap between core marine services and downstream services;
- Increased focus on products;
- MSFD/OSPAR, inclusion of biogeochemistry.

IBI-ROOS (J. Mader)

EuroGOOS members welcomed the new co-chairs of IBI-ROOS, Julien Mader of AZTI Tecnalia and Manuel Ruiz of IEO. Glenn Nolan stepped down from the role of IBI-ROOS chair when he was appointed EuroGOOS Secretary General. A new plan of activities for 2015-2020 is underway and is foreseen for the end of summer. Other priorities include:

- Defining user requirements in new Copernicus Marine Service;
- Observing system requirements;
- Opportunities for coordinating coastal observatories.

DAY 2: Open Session

4. Reports from ROOS Chairs (cont'd)

Arctic ROOS (S. Sandven)

The chair presented an overview of Arctic ROOS activities in 2014-15. Main highlights included:

- Arctic Marine Forecasting Center (work under MyOcean) proposal for Copernicus marine services;
- Sea ice monitoring for climate and operational services, promotion towards Arctic operators;
- ESA CCI programme: Sea ice project (produce climate data sets for ice concentration, ice thickness and ice drift);
- Cooperation with EMODnet Physics to increase *in situ* data;
- Updates of the website (<http://arctic-roos.org>), supported by a secretariat at NERSC (Morten Stette);
- New H2020 project (SPICES coordinated by FMI);
- New members of Arctic ROOS: DCOO has signed, MRI and UNIS in progress.

The chair also noted that a process on an Arctic GOOS has been initiated in cooperation with IOC.

BOOS (U. Lips)

The chair presented recent activities and priorities for BOOS members. A strategy for 2016-2020 is being prepared and will be presented at the 2016 General Assembly. Main priorities for BOOS in 2016-2020 include:

- Service development;
- Observations including remote sensing;
- Forecasting systems;
- Promotion and communication;

- Research and development.

MONGOOS (G. Coppini)

MONGOOS co-chair presented the activities. The following items were highlighted:

- MonGOOS is an active organization for coordinating OO in the Mediterranean Sea. Participation in MonGOOS has benefits and no costs;
- Further coordination with AfricaGOOS was required;
- The relationship with Copernicus is strong and is progressively being enforced;
- MoU with EuroGOOS is in preparation;
- Copernicus started on 1 May 2015 and will consolidate the OO in the Med for the different components;
- New strategy has been drafted and will be proposed for approval to MONGOOS partners;
- MONGOOS will support the EOOS towards Africa.

Presentation of outcomes from the brainstorming workshop on a future EOOS (Secretary General)

The concept of an end-to-end European Ocean Observing System was formally endorsed at the EurOCEAN 2010 conference where the resulting Ostend Declaration called for policy makers to *'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...'*. Most recently, the Rome Declaration, adopted in October 2014 at the EurOCEAN 2014 conference, called for action to advance ocean knowledge by *'Building a greater knowledge base through ocean observation and fundamental and applied research'* and specifically for *'further development of the European Ocean Observing System (EOOS), integrated at the global level (including GOOS, GEO and Copernicus)'*.

EuroGOOS and European Marine Board took a leading role in developing the scope and needs for the future EOOS *in situ* component organizing a brainstorming workshop in Brussels on 12-13 May 2015. 20 experts participated in a personal capacity supported by a professional facilitator. The workshop defined EOOS, the drivers for its development, and discussed implementation steps.

The General Assembly welcomed this initiative. It was highlighted that EOOS should support integration and avoid fragmentation of the observing system. Furthermore, it was noted that such a framework will allow a coherent common voice for ocean observing (both coastal and offshore) to the EU policy and decision makers. Members mandated the EuroGOOS office to take a leading role in driving this process. Concerns were expressed regarding the sustainability of funding. It was also mentioned that science and technology companies should be on board.

Action 2: Engage in further developing the EOOS concept and visibility, with regular progress updates to the members (Secretariat, update on progress at Executive Board and GA meetings).

5. Reports from Working Groups

Progress reports presented from the following EuroGOOS working groups (WGs):

- DATA-MEQ (S. Pouliquen);
- SAWG (P.Y. Le Traon on behalf of J. She);
- TPWG (G. Nolan) - the Group needs to appoint a new chair as G. Nolan has taken the role of Secretary General;
- COSMO (J. Siddorn on behalf of P. Oddo);

With regards to the EPWG, the members mandated the Exec. Board to investigate the future of this WG.

All presentations are available here: <http://eurogoos.eu/documents/annual-meetings/>

Action 3: Circulate the COSMO WG questionnaire (COSMO chair in liaison with Secretariat, 31 August 2015).

6. Reports from Task Teams

Representatives from EuroGOOS Task Teams presented the draft terms of reference to be approved by the General Assembly.

- HF Radar (J. Mader);
- Gliders (A. Beszczyńska on behalf of P. Testor);
- Ferrybox (G. Petihakis on behalf of Wilhelm Petersen);
- Tide Gauges TT - the TT chair could not attend the meeting; the group will hold the kick-off meeting in June;
- Euro-Argo (S. Pouliquen) - This is not a EuroGOOS TT *per se*; an MoU describing the cooperation between EuroGOOS and Euro-Argo has been signed.

7. Reports from EU projects

GMES-PURE (Y. Antoniou)

The GMES-PURE project (Partnership for User Requirements Evaluation, <http://gmes-pure.eu/>) is an FP7 Coordination and Support Action, which aimed to support the EC in capturing current and emerging requirements of the users of Copernicus marine and atmosphere services. The project ran from 1 January 2013 to 31 December 2014. The main activity of EuroGOOS was the definition of marine user requirements. This was achieved through analysis of existing requirements, collected mainly through the MyOcean and MyOcean2 projects as well as through dialogue with users. The main contribution of the Secretariat was completed in March 2014. Contributions were also made from DMI that represented EuroGOOS and worked on the development of service specifications based on the defined user requirements. All documents/deliverables are available here: <http://gmes-pure.eu/deliverables/public-documents/>.

EMODnet Physics (P. Gorringer)

Some EMODnet Physics highlights:

- HF Radar data are now accessible and viewable on the EMODnet Physics portal;
- HF Radar data THREDDS test catalogue is published and available on the web, <http://hfr-thredds.emodnet-physics.eu/thredds/catalog.html>;
- A specific action has started with IZOR (Croatia), SOCIB (Spain), CNR (Italy), HZG (Germany) and IOI (Malta) in order to access their HF Radar data;
- 13 fixed platforms from Iceland now fully integrated and available;
- Data from Cyprus, Paphos, fully integrated and available;
- 27 tide gauges provided from the Norwegian Hydrographic Service;
- In total additional 305 platforms made available in the past year in the ROOS data portals and hence to the In Situ TAC and EMODnet thanks to EMODnet Physics activities with the ROOSes;
- Currently EMODnet Physics makes available data from approximately 5,300 platforms;
- EMODnet Physics is now showing a specific layer with Ferrybox routes for the past three days and making progress in visualizing FB data;
- Real time data provided from five Swedish ice breakers.

EMODnet will organize an Open Conference and Jamboree on 20-22 October in Ostend. During the conference EMODnet Physics together with the DATA-MEQ WG will have side meetings.

EuroGOOS has initiated a dialog with DG MARE on making the EMODnet Physics portal global by integrating data from the GOOS Regional Alliances (GRAs) to the benefit of EMODnet users and GOOS. IOOS data as well as Argo and drifters have already been integrated successfully on a test basis. The members noted the strong links between EMODnet Physics and the Copernicus Marine Service (CMEMS) and that better dialogue needs to be established among the two initiatives. EuroGOOS members participating in both initiatives can contribute to this.

New projects

EuroGOOS is participating in the following projects: AtlantOS, COLUMBUS, JERICO NEXT, ENVRI Plus, EMODnet Physics and Copernicus INSITU. The project deliverables are supported by the Secretariat. An extra staff member will be hired in autumn focusing particularly on AtlantOS. The job announcement will be circulated to the members.

DAY 3: Formal meeting

8. Membership

EuroGOOS has received applications for membership from the following institutes:

- DLTM / Ligurian Cluster of Marine Technologies;
- Croatian Meteorological and Hydrological Service; and
- Croatian Institute of Oceanography and Fisheries.

Representatives from the candidate members presented their institutes. DLTM had applied for membership also in 2014, but at the time EuroGOOS was not ready to approve an application from a cluster comprising mainly of private sector industries. In March 2015 the EuroGOOS Extraordinary Members Meeting amended the Internal Rules so that private bodies can also enter the Association, therefore DLTM can now be considered for membership.

All applications were approved by the General Assembly. With this addition, EuroGOOS reaches a total of 40 members representing 19 European countries.

Formal Decision: The General Assembly approved the application for membership from the following institutes:

- DLTM / Ligurian Cluster of Marine Technologies;
- Croatian Meteorological and Hydrological Service; and
- Croatian Institute of Oceanography and Fisheries.

9. Review of actions from General Assembly 2014

The chair ran through the 2014 actions. All actions were reported as completed.

10. Approval of new activities and subsidiary bodies

The members were invited to approve the terms of reference for the EuroGOOS Task Teams (TT). The Board decided in August 2014 to introduce the concept of observational task teams as a cross-cutting activity within EuroGOOS. The TT chairs and representatives presented the draft terms of reference on Day 2; some comments, changes and additions have been proposed and the terms of reference will be updated accordingly.

11. EuroGOOS Conference 2014

The 7th EuroGOOS conference took place in Lisbon on 28-30 October 2014 hosted by the Portuguese Hydrographical Institute. The conference brought together around 190 participants.

It was a very successful meeting, with many interesting presentations from invited keynote speakers as well as representatives from member and non-member organisations. The conference proceedings are underway with publication planned for autumn 2015. Some of the presentations have been selected for publication in a special issue of "Ocean Sciences" dedicated to Operational Oceanography edited by Johnny Johannessen.

The members would like to see more young scientists participating in the conference and becoming more familiar and involved with EuroGOOS. The Secretariat took note of that and will include young researchers as one of the communication targets.

Action 4: Prepare the communication plan for the 2017 conference including the lessons learned from previous events (Secretariat, update on progress at 2016 General Assembly).

12. Financial Matters

The chair presented the report of the 2014 closure and budget projections 2015-2016. The meeting approved the 2017 membership fees (which are the same as in 2016, approved at the 2014 General Assembly).

Formal Decision: The General Assembly approved the membership fees for 2017 listed in Annex 4 of the present document.

It was noted that the Secretariat will prepare a document outlining the benefits of EuroGOOS membership. Such a document will both help the current members secure future funding for membership fees and attract new members.

Action 5: Develop a document and webpage on the benefits of EuroGOOS membership (Secretariat, 20 December 2015).

13. Executive Board Elections

The mandates of two Executive Board members came to end:

- Alessandro Crise - Executive Board Member and vice-chair; and
- Johannes Harm Oterdoom - Executive Board Member.

Formal Decision:

The General Assembly appointed the following persons as Executive Board Members for a term of three years, ending immediately after the General Assembly 2018:

- Ms Rosalia Santoleri, born on 27 August 1957 in Colleferro (Italy), residing at via Fontana dell'Oste 13B, Colleferro, Italy;
- Mr George Petihakis, born on 20 April 1965 in Sitia, Crete (Greece), residing at A. Papandreou 44, Ammoudara - Gazi, GR71414 Iraklion - Crete, Greece;
- Mr Antonio Dos Santos Martinho, born on 30 April 1969 in S. Sebastião da Pedreira, Lisbon (Portugal), residing at Rua Pulido Valente, Nr 6 - 4^ªA, 2675-672 Odivelas, Portugal.

In addition, the General Assembly appointed George Petihakis as vice-chair for a term of three years, ending immediately after the General Assembly 2018.

In accordance with Article 10.3 of the articles of association, the General Assembly decided to increase the maximum number of Executive Board Members to eight.

At present the Executive Directors Board is composed of the following Executive Board Members (Executive Directors):

- Mr Hans Erik Buch, chair;
- Mr George Petihakis, vice-chair;
- Mr Bernd Brügge;
- Mr Johnny A. Johannessen;
- Mr Pierre Yves Le Traon;
- Mr Urmas Lips;
- Ms Rosalia Santoleri;
- Mr Antonio Dos Santos Martinho.

In accordance with Article 10.10 of the articles of association, the Association is validly represented towards third parties or in justice by the chair or, in his absence, the vice-chair or, if upon special mandate by the Executive Directors Board, by another Executive Director.

The General Meeting decides to grant a power of attorney to the Secretary General and to Ms Virginie Ciers, Ms Olga Matiychuk and/or any other lawyer of the law firm NautaDutilh, with offices at Chaussée de la Hulpe 120, 1000 Brussels, Belgium, each acting individually and with the power to sub-delegate his or her authority, to translate the decisions taken in this meeting into French for the purpose of publishing them in the Belgian State Gazette where and if necessary and to carry out all necessary or useful formalities with regard to the decisions of the General Meeting taken in this meeting, including but not limited to, the filing of the necessary or useful documents with the court's clerk, the signing and submission of the request to amend the Association's file with the Crossroads Enterprise Bank and ensuring publication of the Association's decisions in the annexes to the Belgian State Gazette. To this respect, the abovementioned attorney-in-fact may in general make all declarations, sign all documents and more specifically may draw up any excerpts from decisions of the Association, including translating the decisions of the Association, in view of the publication into the Belgian State Gazette.

14. Next General Assembly

The next Annual Meeting is planned for the week of 23-27 May 2016, tentative dates: 25-27 May.

Action 6: Organize the 2016 General Assembly in the week of 23-27 May 2016 (Secretariat, 26 May 2016).

15. AOB

The Executive Board thanked Erik Buch for his support to the Secretariat as working chair. The meeting also thanked the outgoing Executive Directors, Alessandro Crise and Johannes Harm Oterdoom. Finally, the meeting gave a special thanks to Yota Antonoiu for her unstinting support to the office over the last two years. Yota is leaving EuroGOOS at the end of June 2015.

The chair thanked everyone for their active participation and closed the meeting.



ANNEX 1: LIST OF ACTIONS

Action 1: Develop the EuroGOOS communication strategy (Secretariat, update on progress at General Assembly 2016).

Action 2: Engage in further developing the EOOS concept and visibility, with regular progress updates to the members (Secretariat, update on progress at Executive Board and GA meetings).

Action 3: Circulate the COSMO WG questionnaire (COSMO chair in liaison with Secretariat, 31 August 2015).

Action 4: Prepare the communication plan for the 2017 conference including the lessons learned from previous events (Secretariat, update on progress at 2016 General Assembly).

Action 5: Develop a document and webpage on the benefits of EuroGOOS membership (Secretariat, 20 December 2015).

Action 6: Organize the 2016 General Assembly in the week of 23-27 May 2016 (Secretariat, 26 May 2016).

ANNEX 2: FORMAL RESOLUTIONS

Formal Decision: The General Assembly approved the application for membership from the following institutes:

- DLTM / Ligurian Cluster of Marine Technologies;
- Croatian Meteorological and Hydrological Service; and
- Croatian Institute of Oceanography and Fisheries.

10

Formal Decision: The General Assembly approved the membership fees for 2017 listed in Annex 4 of the present document.

Formal Decision:

The General Assembly appointed the following persons as Executive Board Members for a term of three years, ending immediately after the General Assembly 2018:

- Ms Rosalia Santoleri, born on 27 August 1957 in Colleferro (Italy), residing at via Fontana dell'Oste 13B, Colleferro, Italy;
- Mr George Petihakis, born on 20 April 1965 in Sitia, Crete (Greece), residing at A. Papandreou 44, Ammoudara - Gazi, GR71414 Iraklion - Crete, Greece;
- Mr Antonio Dos Santos Martinho, born on 30 April 1969 in S. Sebastião da Pedreira, Lisbon (Portugal), residing at Rua Pulido Valente, Nr 6 - 4ªA, 2675-672 Odivelas, Portugal.

In addition, the General Assembly appointed George Petihakis as vice-chair for a term of three years, ending immediately after the General Assembly 2018.

In accordance with Article 10.3 of the articles of association, the General Assembly decided to increase the maximum number of Executive Board Members to eight.

ANNEX 3: MEMBER CONTRIBUTIONS 2016-2017

N°	Member Organization	Country	Category	Membership fees in 2016 and 2017
1	BSH	Germany	5	12 000.00
2	HZG	Germany	5	12 000.00
3	IFREMER	France	5	12 000.00
4	Mercator	France	5	12 000.00
5	Met Office	UK	5	12 000.00
6	NERC	UK	5	12 000.00
7	Cefas	UK	5	12 000.00
8	CNR	Italy	4	10 000.00
9	ENEA	Italy	4	10 000.00
10	INGV	Italy	4	10 000.00
11	OGS	Italy	4	10 000.00
12	CMCC	Italy	4	10 000.00
13	ISPRA	Italy	4	10 000.00
14	DLTM	Italy	4	10 000.00
15	IEO	Spain	4	10 000.00
16	PdE	Spain	4	10 000.00
17	IMR	Norway	4	10 000.00
18	NERSC	Norway	4	10 000.00
19	MetNo	Norway	4	10 000.00
20	Deltares	Netherlands	3	8 500.00
21	KNMI	Netherlands	3	8 500.00
22	Rijkswaterstaat	Netherlands	3	8 500.00
23	SMHI	Sweden	3	8 500.00
24	MDK	Belgium	3	8 500.00
25	RBINS	Belgium	3	8 500.00
26	DMI	Denmark	3	8 500.00
27	FCOO	Denmark	3	8 500.00
28	FMI	Finland	3	8 500.00
29	IMI	Ireland	3	8 500.00
30	IMWM	Poland	2	5 000.00
31	IOPAS	Poland	2	5 000.00
32	MIG	Poland	2	5 000.00
33	HCMR	Greece	2	5 000.00
34	IH	Portugal	2	5 000.00
35	IPMA	Portugal	2	5 000.00
36	UC-OCY	Cyprus	1	3 500.00
37	MBSS	Slovenia	1	3 500.00
38	CMHS	Croatia	1	3 500.00
39	CIOF	Croatia	1	3 500.00
40	TTU-MSI	Estonia	1	3 500.00
				336 500.00

ANNEX 4: LIST OF PARTICIPANTS

EuroGOOS AISBL member representatives

- Arno Behrens	HZG
- Agnieszka Beszczyńska-Moeller	IOPAN
- Bernd Brügge	BSH
- Giovanni Coppini	CMCC
- Stephan Dick	BSH
- Guido Dumon	MDK
- Federico Falcini	CNR
- Mick Gillooly	IMI
- Bruce Hackett	MET Norway
- Niels Holt	FCOO
- Johnny Johannessen	NERSC
- Włodzimierz Krzyminski	IMWM
- Iréne Lake	SMHI
- Alicia Lavin	IEO
- Pierre-Yves Le Traon	IFREMER
- Sébastien Legrand	RBINS/OD Nature
- Urmas Lips	MSI
- Antonio Santos Martinho	IH
- Harm Oterdoom	Rijkswaterstaat
- George Petihakis	HCMR
- Sylvie Pouliquen	IFREMER
- Giulietta Rak	ISPRA
- Jennifer Riley	NERC/NOC
- Manuel Ruiz	IEO
- Stein Sandven	NERSC
- A. Miguel Santos	IPMA
- John Siddorn	UK Met Office
- Kai-Christian Soetje	BSH
- Laura Tuomi	FMI
- Jitze P. van der Meulen	KNMI
- Henning Wehde	IMR
- Annette Zijderveld	Deltares

Organisations applying for membership

- Ivan Cacic	Croatian Meteorological and Hydrological Service
- Vlado Dadic	Croatian Institute of oceanography and fisheries
- Dijana Klaric	Croatian Meteorological and Hydrological Service
- Antonio Novellino	ETT/DLTM
- Vlasta Tutis	Croatian Meteorological and Hydrological Service

Invited to attend the open days and guests

- Patrick Farcy	IFREMER
- Julien Mader	AZTI tecnalia
- Mikå Mered	POLARISK Group
- Ingrid Puillat	IFREMER
- Einar Svendsen	IMBER
- Anna Wåhlin	SOOS

EuroGOOS AISBL Chair and Secretariat

- Erik Buch (Chair)
- Glenn Nolan (Secretary General)
- Yota Antoniou
- Dina Eparkhina
- Patrick Gorringe

Apologies

- | | |
|--------------------------|--|
| - Enrique Alvarez Fanjul | Puertos del Estado, Member |
| - Pierre Bahurel | Mercator Ocean, Member |
| - Franciscus Colijn | HZG EuroGOOS Task Team |
| - Alessandro Crise | OGS Member |
| - Antonio Guarnieri | INGV Member |
| - Jari Haapala | FMI Member |
| - Stephen Hall | NERC/NOC Member |
| - Ole Krarup Leth | DMI EuroGOOS Working Group |
| - Vlado Malačič | NIB Member |
| - Paolo Oddo | COSMO WG Chair |
| - Begona Perez | Puertos del Estado, EuroGOOS Task Team |
| - Wilhelm Petersen | HZG EuroGOOS Task Team |
| - Peter S. Rasch | DMI Member |
| - Gianmaria Sannino | ENEA Member |
| - Rosalia Santoleri | CNR Member |
| - Jun She | DMI EuroGOOS Working Group |
| - Emil Stanev | HZG Member |
| - Pierre Testor | LOCEAN EuroGOOS Task Team |
| - Nicki Villars | Deltares Member |
| - George Zodiatis | OC-UCY Member |

Report revised by EuroGOOS members between: 20 August and 16 September 2015

Finalized and signed on 17 September 2015 by:

Dr. Hans Erik Buch

Dr. George Petihakis

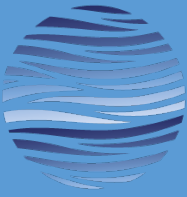


EuroGOOS AISBL Chair

EuroGOOS AISBL Vice-Chair

Agenda Item 17: Approval of Rules revisions

Document 17.1: Updated EuroGOOS Rules (draft)



EuroGOOS
European Global Ocean
Observing System

EUROGOOS INTERNAL RULES

Last reviewed and adopted by membership on 5 March 2015

New review on 27 May 2016, adoption pending

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1. Status of the Internal Rules

The Internal Rules are supplementary and subordinate to the Articles of Association of the EuroGOOS AISBL, an international Non-Profit Organisation registered under Belgian law on 18 February 2013. In the case of any contradiction between the Rules and the Articles of Association, the latter shall prevail.

2. Purpose

To achieve the purposes of the Organisation (Art. 2) EuroGOOS AISBL will base its activities on a strategic programme and a work plan which will be updated annually.

3. Membership

3.1. Admission guidelines and criteria

Agencies, institutes, companies and other organisations working in the field of operational marine services or related marine research, from any country bordering the European seas, may apply to become a member of EuroGOOS AISBL.

An organisation may be admitted as member, if it supports the aims and objectives of EuroGOOS AISBL. The application shall be submitted in writing, describing the tasks and activities, indicating the status of the institution and its relations with other marine institutions in its home country. The head of the applying institution will be invited to attend the next General Meeting to present his/ her institution before the meeting takes a decision.

3.2. Rights of members

The members enjoy the rights given by the Articles of Association from the moment they are approved by the General Meeting. These rights also include the following:

- Eligibility to the Executive Directors Board and all subsidiary bodies;
- Reception of copies of the Articles of Association and the Internal Rules;
- Reception of appropriate notice of all meetings of the Organisation;
- Information and consultation on an on-going basis about the activities of the Organisation;
- Benefit from the information service provided by the Organisation, whether in print or electronically;
- Consultation in the preparation of EuroGOOS AISBL position papers;
- Participation in any appropriate meetings, workshops, conferences and other events organised by the Organisation.

Each Member has one vote; it is expressly understood, however, that Members from the same country shall use their best efforts to adopt a common position.

3.3. Obligations of members

Members shall appoint one delegate who is authorized to act on behalf of the institution. The delegate shall ensure that information concerning the activities of the Organisation is circulated throughout his/ her institution, as appropriate.

Members contribute to working groups and other subsidiary bodies through their delegates or appointed

experts. They undertake to make an active contribution to the activities of the bodies, in particular by ensuring attendance to all appropriate meetings and producing written contributions if required.

Members contribute an annual membership fee; the rate determined by the General Meeting is attached to the Internal Rules.

3.4. Resignation of a member

A Member remains liable for its commitments made prior to the notification of its decision to leave, unless agreed differently by the remaining members.

3.5. Participation of non-members

The following institutions with which special relationships have been established may be invited by the General Meeting to become Observers:

- International organizations (governmental and non-governmental) which have aims and objectives consistent with those of the Organisation;
- European institutions and bodies of the European Union.

Observers may participate in the General Meetings and meetings of subsidiary bodies without having a vote.

National institutions (para 3.1) and commercial companies which are willing to contribute to the work of the Organisation may participate in workshops and meetings of subsidiary bodies of the Organisation by invitation, without having a vote, and may conduct work or research by agreement or under contract.

4. Relations with ROOSs

Regional Operational Oceanographic Systems (ROOSs) are regional bodies ~~that have been developed out of EuroGOOS Task Teams~~. They are an essential part of the Organisation for the purposes of co-ordination and development of operational collaboration and joint service production in the European regions. The objectives, activities, and governance of the ROOSs are agreed in MoUs signed between regional Members of the Organisation and non-members. Links at pan-European scale are made through the Organisation.

The Organisation and the ROOSs closely communicate to maximise opportunities for members and increase awareness. Annually the Chairperson and the Secretary General will have a meeting with the Chairs of the ROOSs at the occasion of the Annual Meeting or an Executive Directors Board meeting. When initiatives with other institutions, e.g. EEA, EMSA and ICES, are taken, the Organisation has to provide transparent information to the ROOSs. If the Organisation takes over any tasks through external agreements and needs the help of ROOSs to fulfil the tasks, an agreement with the ROOSs is required, including economic support for ROOS activities.

ROOSs will cooperate and exchange experience especially with neighbouring ROOSs.

The present ROOSs are:

- The Arctic ROOS;
- The Baltic Operational Oceanographic System, BOOS;
- The Iberian, Biscay, Ireland Regional Operational Oceanographic System, IBI-ROOS;
- The Mediterranean Oceanography Network for the Global Ocean Observing MONGOOS, which also acts as a GRA in the Mediterranean Sea; and

- The North West European Shelf Operational Oceanographic System, NOOS.

Additionally the Organisation cooperates through an MoU with Black Sea GOOS which acts as a ROOS in the Black Sea.

5. General Meeting

5.1. Representation

Each Member is represented in the General Meeting by its notified delegate who is authorized to take decisions on behalf of the institution. Experts may support the delegate.

5.2. Preparation of a General Meeting

A preliminary notice of the Annual-General Meeting, giving the proposed dates and venue, and including the provisional agenda, shall be sent by the Secretary General to the members at least two months in advance. Notice of an Extra-ordinary General Meeting should be sent to the members immediately after the decision of the Executive Directors Board (Art. 8 para 9). For an Adjourned Meeting the notice shall be sent out not later than two weeks after the General Meeting, that initiated the Adjourned Meeting.

The provisional agenda for the Annual-General Meeting shall cover the following items:

- Reports by:
 - Chairperson,
 - Secretary General,
 - Subsidiary bodies,
 - ROOSs;
- Information about the outcome of relevant EC-projects;
- Membership issues;
- Approval of new activities and subsidiary groups;
- Approval of the work plan;
- Financial matters and approval of the annual accounts;
- Elections;
- Next Annual-General Meeting.

In the notice, the Secretary General shall indicate whether any vacancies are to be filled on the Executive Directors Board and which members of the Executive Directors Board wish their names to go forward for re-election and shall invite further nominations.

Members may request to insert any additional item in the agenda. Such request must reach the Secretariat Office at least four weeks before the General Meeting. The Secretary General shall inform all members of this additional item at least three weeks before the General Meeting by any means of communication.

Documentation and information relating to the items on the agenda shall be circulated amongst members in advance of the meeting with sufficient time to allow members an opportunity to consider them.

5.3. Meetings

General Meetings are held in privacy. The Executive Directors Board may decide to invite guests and experts to specific sessions of the meeting. The meeting may revoke this decision at any time.

If the Annual-General Meeting does not decide the date and venue of the next Annual-General Meeting this

shall be determined by the Executive Directors Board at least six months in advance of the meeting.

The minutes of the Meetings are produced by the Secretary General, reviewed by the members, and signed by the Chairperson and the Vice Chairperson. They must indicate the date of the Meeting and, as an attachment, the identity of the participants. The minutes must include the decisions and resolutions passed by the meeting and a summary, if requested by the members, of their statements. The resolutions of the meeting must be registered in due time in the record of resolutions, kept by the Secretariat Office. The minutes shall be at the disposal of the members on the website of the Organisation.

6. The Executive Directors Board

6.1. Composition

The Executive Directors Board should be composed of high-ranking representatives of the Members who are skilled in the management of oceanographic institutions. The composition of the Executive Directors Board should take account of an equal regional distribution and ROOSs will be asked to nominate their representatives as candidates for the Executive Directors Board. There should not be more than one member from the same country.

Before the first three-year term of a Board member ends he/ she should indicate six months in advance whether he/ she stands for re-election. If there are more candidates than vacancies, the matter should be resolved so far as possible by consensus. If this is not possible, there shall be a vote by secret ballot. Members shall vote for the same number of candidates as there are vacancies. The candidates receiving the most votes shall be eligible to fill the vacancies.

Years served by Board members on the old EuroGOOS Board will count as years served on the Executive Directors Board. A maximum of 6 years may be served if the member is re-elected after 3 years.

6.2. Obligations of the Members of the Executive Directors Board

The members of the Executive Directors Board exercise their responsibilities and tasks in a pro-active manner. They participate regularly in the Executive Directors Board meetings.

6.3. Meetings

The Executive Directors Board meets as often as appropriate, normally four times per year. The rules of procedure for General Meetings are to be applied accordingly. The Chairpersons of the ROOSs and subsidiary bodies are invited to participate in the meetings of the Executive Directors Board without having a vote. The Executive Directors Board may decide to meet *in camera*.

6.4. Decisions in writing

Written consultation can be used when necessary.

6.5. Tasks

The Executive Directors Board has the following tasks:

- a) To represent the Organisation, in agreement with arrangements made within the Executive Directors Board and the Secretariat Office.
- b) To ensure the policies and practices of the Organisation are in keeping with its purpose.
- c) To decide about the setting of strategic priorities and the planning of activities of the Organisation

- and propose the annual work programme to the Annual Meeting.
- d) To support the Secretariat Office with implementation of the strategic plan and the work programme.
 - e) To follow the work of the Secretariat Office and to mandate the Secretary General to validly represent and legally bind the Organisation with regard to matters as decided by the Executive Directors Board (Art. 11 para 2) .
 - f) To prepare the General Meetings together with the Secretariat Office.
 - g) To propose the annual budget and the membership contributions to the Annual Meeting and to prepare the annual accounts.
 - h) To fulfil further duties and assignments delegated to the Executive Directors Board by decision of the General Meeting.

7. The Chairperson

The Chairperson and the Vice Chairperson are proposed by the Executive Directors Board for election by the General Meeting for a three years term. When the three years term of the Chairperson and the Vice Chairperson ends the Executive Directors Board either proposes them for re-election for another 2 years or proposes new candidates. If the Annual Meeting agrees with the proposal the respective persons have to be elected or re-elected as members of the Executive Directors Board.

The Chairperson chairs the General Meetings and the meetings of the Executive Directors Board.

The Chairperson is responsible for the vision and the leadership of the Organisation. Working closely with the Executive Directors Board and the Secretary General, the Chairperson represents the Organisation externally and fosters collaboration with other institutes, agencies and policymakers at European and International level.

Between meetings of the Executive Directors Board the Chairperson interacts with the Secretary General to ensure the implementations of the decisions of the General Meeting and the Board.

The Vice Chairperson has to perform the Chairperson's duties in his/ her absence and those tasks as have been delegated to him/ her by the Executive Directors Board.

8. Establishment of subsidiary bodies

The General Meeting or the Executive Directors Board upon authorisation by the General Meeting may establish and dissolve subsidiary bodies as seems appropriate and decide about their terms of reference including the duration, the composition of the body, the nomination of the chair and the rules of procedure.

EuroGOOS operates with two kinds of subsidiary bodies:

- Working Groups;
- Observational Task Teams.

The Working Groups and Task Teams established by EuroGOOS will work under the Articles of Organisation unless decided otherwise.

Existing Working Groups and Task Teams are listed in Attachment 1 to these Internal Rules.

Unless otherwise decided by the General Meeting a subsidiary body is open for participation by all members, including all members of the ROOSs, who are interested in the work and willing to contribute to the objectives. Participating members have to inform the Organisation about the expert they are nominating. ROOSs will contribute in developing priorities for subsidiary bodies and give support the bodies by providing

expertise.

Each subsidiary body has a Chair and may elect one or two Co-chairs. Chairs and Co-chairs are elected by the members of the subsidiary body for a three-year term renewable once upon re-election for other three years (according to the mandate rules of the EuroGOOS Executive Directors Board). Newly elected Chairs and Co-chairs are approved by the EuroGOOS Executive Directors Board.

9. The Secretariat Office

9.1. Staff

The procedure for advertising the post, selecting candidates and appointing the Secretary General is left to the discretion of the Executive Directors Board which submits its proposal for appointment to the General Meeting. The power to appoint or remove other secretariat staff is delegated from the General Meeting (Art. 11 para 1) to the Secretary General. The Secretary General informs the Executive Directors Board about any appointment or removal. ~~As far as possible the staff should~~ can be seconded by Members upon reimbursement by the Organisation, contracted or -

~~Additional staff may be employed if financed by external funding of Members or third parties~~ directly by the Organization.

9.2. Mandate of the Secretary General

The Secretary General validly represents and legally binds the Organisation with respect to those matters which have been delegated to him by the Executive Directors Board in accordance with para 6.5 lit.e. With the consent of the Chairperson the Secretary General is authorised to deal with requests by third parties to be informed about the resolutions of the General Meeting.

9.3. Specific tasks

Within his/her tasks (Art. 11 para 2) the Secretary General shall:

- a) Keep Members informed with respect to the activities of the Organisation;
- b) Bring to their notice any work or problems which might be of their interest;
- c) Inform them about the outcome of relevant meetings, conferences and other events, he/ she or other Secretariat Staff attended on behalf of the Organisation;
- d) Support the promotion of the ROOS strategies for regional science plans and priorities as well as of projects of the ROOSs;
- e) Provide practical support for meetings of subsidiary bodies and ROOSs;
- f) Edit and publish reports for the subsidiary bodies and the ROOSs, when required.

Concise tables of the meetings the Secretariat Office plans to attend in the upcoming 6 months and of meetings attended in the past 6 months are to be presented at the Executive Directors Board meetings upon their request.

The highest priority specific objectives for the Secretariat Office for each year will be prepared together with a short report on progress against previous year's objectives for discussion at the first meeting of the year of the Executive Directors Board.

10. Policy matters

The Organisation operates an equal opportunities policy in all aspects of its operation, based upon gender equality and equal opportunities for all. It takes care to ensure the fairest possible balance between the players represented in its bodies.

In coordination with the ROOSs the Organisation will support European marine initiatives with the objective of maximising the benefit for the members and the development of operational oceanography in Europe.

The Organisation may establish co-operation including non-members for realisation of its purpose. Such co-operation shall be properly documented in writing, and established in the collective interest of the members of the Organisation. Participation in established groups is optional for members of the Organisation.

Before participating in calls for proposals in respect of externally funded projects and signing agreements or contracts with relevant third parties, including external funding of activities, the Executive Directors Board is consulted to ensure that the Organisation is acting in their collective interests.

11. Financial Regulations

11.1. Budget

The financial administration shall be effected in accordance with the annual budget approved by the Annual Meeting. The budget shall reflect the estimated income and costs and shall be calculated on the basis of the Euro. The Secretary General is accountable for the budget and shall ensure that expenses and commitments are in conformity with the budget provisions. Any expenditure or commitment over the agreed annual budget, or for a period beyond the annual budget must be approved by the Executive Directors Board.

As a safeguard against unexpected developments, the Organisation shall also have at its disposal a reserve fund, the amount of which shall be determined by the Annual Meeting.

The Organisation's income includes membership contributions, external funding from international or EU bodies, institutions or associations and specific gifts or money, property or other assets (Art. 12) as well as income from secondary commercial and profitable activities (Art. 2 para 4).

Members shall bear their own costs for attending meetings and participation in the activities of the Organisation.

11.2. Contributions

The Annual-General Meeting, as advised by the Board, fixes the contribution rate, at the latest 12 months before the date at which the new rate shall come into effect. If a change of contribution is required at a shorter notice to Members, this has to be agreed by an Extraordinary General Meeting called for the purpose.

The current contribution rates of the Members coincide with those levied by EuroGOOS and are enlisted in the attachment.

The Annual-General Meeting ~~during its General Meeting in~~ on May 2014 voted for a new scheme for the calculation of fees which is based on a balanced Grand National Product (GNP) scheme adopted from the European Marine Board. It is additionally suggesting a per organisation approach, than by country. The new scheme ~~shall take~~ took effect as of 1 January 2016. Members who are admitted in the meantime (i.e. between May 2014 and January 2016) shall contribute with the new membership fee. Details and updated fees are enlisted in the attachment 2.

Members shall be prepared to contribute additionally to the costs of running the Organisation by

contributions in kind to activities such as hosting meetings, organising workshops, ad hoc study groups or pilot projects, rendering consultancy services to national and multilateral bodies, employing consultants, financing publications, providing for their own costs of communications.

Contributions shall be paid within the deadlines set by the Executive Directors Board. Penalties for overdue payment shall be set at 1% per month, except in cases when, on recommendation of the Executive Directors Board, special conditions have been authorised by the Annual Meeting. In such cases, the unpaid sum shall be regarded as a loan for a fixed period, carrying interest at the rate prevailing in Belgium for 30-day bank deposits, and shall be repayable according to the terms agreed.

Bank fees related to any payment shall be borne by the sender.

Any payment made by a Member on whatever ground may, without prior notice, be allocated by the Executive Directors Board to the earliest outstanding debt incurred by this Member.

If a Member fails to pay the penalty for overdue payment despite a formal request, the Executive Directors Board may decide that the Organisation will cease to provide services to that Member until the penalty is paid in full.

Attachment 1 Working Groups and Task Teams

Working Groups:

- Science Advisory Working Group (SAWG)
- Technology Plan Working Group (TPWG)
- Data Management, Exchange and Quality Working Group (DATA-MEQ)
- EuroGOOS Product Working Group (EPGW)
- Coastal Ocean and Shelf Seas Modelling Working Group

Task Teams:

- HF-Radar Task Team
- Ferrybox Task Team
- Tide Gauge Task Team
- Gliders Task Team
- EuroARGO ERIC
- Animal-Borne Instrument Task Team
- Fixed Platform Task Team

Attachment 2. Member fees

The EuroGOOS member contributions scheme is based on a ranking of countries according to a mixed GDP & GDP-per-capita index that is also used by the European Marine Board. The GDP values are from 2013. It is proposed that the ranking is revisited every five years. Five groups of countries are identified.

Member Organization	Country	Contribution	Category
French Research Institute for Exploitation of the Sea, Ifremer	France	12 000	5
Mercator Ocean	France	12 000	5
Centre for Environment, Fisheries and Aquaculture, Cefas	UK	12 000	5
Natural Environment Research Council, NERC/NOC	UK	12 000	5
Met Office	UK	12 000	5
Helmholtz-Zentrum Geesthacht Zentrum für Material und Küstenforschung GmbH, HZG	Germany	12 000	5
Bundesamt für Seeschifffahrt und Hydrographie, BSH	Germany	12 000	5
Instituto Español de Oceanografía, IEO	Spain	10 000	4
Puertos del Estado, Spain	Spain	10 000	4
Distretto Ligure delle Tecnologie Marine Scrl, DLTM	Italy	10 000	4
Euro-Mediterranean Centre on Climate Change, CMCC	Italy	10 000	4
National Institute of Geophysics and Volcanology, INGV	Italy	10 000	4
Consiglio Nazionale delle Ricerche, CNR	Italy	10 000	4
Istituto Superiore per la Protezione e la Ricerca Ambientale, ISPRA	Italy	10 000	4
Istituto Nazionale di Oceanografia e di Geofisica Sperimentale, OGS	Italy	10 000	4
Institute of Marine Research, IMR	Norway	10 000	4
Nansen Environmental and Remote Sensing Center, NERSC	Norway	10 000	4
Norwegian Meteorological Institute, MET Norway	Norway	10 000	4

Finnish Meteorological Institute, FMI	Finland	8 500	3
Swedish Meteorological & Hydrological Institute, SMHI	Sweden	8 500	3
Danish Meteorological Institute, DMI	Denmark	8 500	3
Defence Centre for Operational Oceanography, FCOO	Denmark	8 500	3
Agency for Maritime and Coastal Services, MDK	Belgium	10 285	3
Royal Belgian Institute of Natural Sciences, RBINS, OD Nature	Belgium	10 285	3
Irish Marine Institute, IMI	Ireland	8 500	3
Institute for Delta Technology, Deltares	Netherlands	8 500	3
Royal Netherlands Meteorological Institute, KNMI	Netherlands	8 500	3
Rijkswaterstaat Waterdienst	Netherlands	8 500	3
Instituto Hidrográfico	Portugal	5 000	2
Portuguese Institute for the Ocean and Atmosphere, IPMA	Portugal	5 000	2
Hellenic Centre for Marine Research, HCMR	Greece	5 000	2
Institute of Meteorology and Water Management, IMGW PIB	Poland	5 000	2
Institute of Oceanology, Polish Academy of Sciences, IO-PAN	Poland	5 000	2
Maritime Institute Gdansk, MIG	Poland	5 000	2
Tallinn University of Technology, Marine Systems Institute, MSI	Estonia	3 500	1
Cyprus Oceanography Centre	Cyprus	3 500	1
National Institute of Biology, NIB	Slovenia	3 500	1
Slovenian Environment Agency	Slovenia	3 500	1
Croatian Meteorological and Hydrological Service, DHMZ	Croatia	3 500	1
Croatian Institute of Oceanography and Fisheries, IZOR	Croatia	3 500	1

Agenda Item 19: Membership application

Document 19.1: Letter of expression of interest from Slovenian Environment Agency



REPUBLIC OF SLOVENIA
MINISTRY OF THE ENVIRONMENT AND SPATIAL PLANNING
SLOVENIAN ENVIRONMENT AGENCY

Vojkova 1b, 1000 Ljubljana

T: +386 1 478 40 00
F: +386 1 478 40 52
E: gp.arso@gov.si
www.arso.gov.si

Dr. Erik Buch
EuroGOOS Chair
Avenue Louise 231
1050 Brussels, Belgium

Number: 5110-10/2016-6
Date: 10 May 2016

Subject: Interest for membership in EuroGOOS

Dear Dr. Erik Buch,

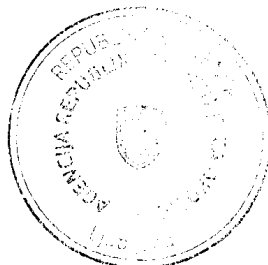
It is my pleasure to inform you that Slovenian Environment Agency (ARSO) recently received governmental approval to apply for the membership in EuroGOOS. Therefore, we would kindly ask for an opportunity to address the General Meeting with our interest to become a member of EuroGOOS.

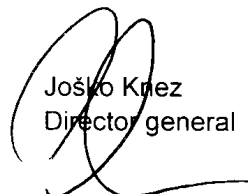
Let me briefly describe our agency and its activities in the field of marine modelling and observations:

ARSO performs expert, analytical, regulatory and administrative tasks related to the environment at the national level. Our mission is to monitor, analyse and forecast natural phenomena and processes in the environment, and to reduce natural threats to people and property by ensuring high-quality environmental data for all target groups. ARSO is responsible for issuing warnings against hazardous natural phenomena and is, as a national meteorological and hydrological forecast service, closely associated with the Administration for Civil Protection and Disaster Relief in the national early warning system. Last improvement in forecasting service was the set up of the operational oceanographic models for the Adriatic Sea (currents and wave forecasts) for better support to coastal division of Civil Protection and other marine related national services with additional information during the hazardous phenomena (eg. expected extreme weather situations, SAR actions, oil spill...). In past years, we improved our marine monitoring network with modern mareographic station, moored oceanographic buoys and HF antenna for surface currents measurements. We also closely collaborate with National Institute of Biology – Marine Biological Station Piran in marine monitoring and forecasting related topics.

Looking forward to our future cooperation.

Yours sincerely,




Joško Knez
Director general

Agenda Item 20: Finances

Document 20.1: List of member contributions 2017

Member Organization	Country	Contribution, €	Category
French Research Institute for Exploitation of the Sea, Ifremer	France	12 000	5
Mercator Ocean	France	12 000	5
Centre for Environment, Fisheries and Aquaculture, Cefas	UK	12 000	5
Natural Environment Research Council, NERC/NOC	UK	12 000	5
Met Office	UK	12 000	5
Helmholtz-Zentrum Geesthacht Zentrum für Material und Küstenforschung GmbH, HZG	Germany	12 000	5
Bundesamt für Seeschifffahrt und Hydrographie, BSH	Germany	12 000	5
Instituto Español de Oceanografía, IEO	Spain	10 000	4
Puertos del Estado, Spain	Spain	10 000	4
Distretto Ligure delle Tecnologie Marine Scrl, DLTM	Italy	10 000	4
Euro-Mediterranean Centre on Climate Change, CMCC	Italy	10 000	4
National Institute of Geophysics and Volcanology, INGV	Italy	10 000	4
Consiglio Nazionale delle Ricerche, CNR	Italy	10 000	4
Istituto Superiore per la Protezione e la Ricerca Ambientale, ISPRA	Italy	10 000	4
Istituto Nazionale di Oceanografia e di Geofisica Sperimentale, OGS	Italy	10 000	4
Institute of Marine Research, IMR	Norway	10 000	4
Nansen Environmental and Remote Sensing Center, NERSC	Norway	10 000	4
Norwegian Meteorological Institute, MET Norway	Norway	10 000	4
Finnish Meteorological Institute, FMI	Finland	8 500	3
Swedish Meteorological & Hydrological Institute, SMHI	Sweden	8 500	3
Danish Meteorological Institute, DMI	Denmark	8 500	3
Defence Centre for Operational Oceanography, FCOO	Denmark	8 500	3
Agency for Maritime and Coastal Services, MDK	Belgium	10 285*	3
Royal Belgian Institute of Natural Sciences, RBINS, OD Nature	Belgium	10 285*	3
Irish Marine Institute, IMI	Ireland	8 500	3
Institute for Delta Technology, Deltares	Netherlands	8 500	3
Royal Netherlands Meteorological Institute, KNMI	Netherlands	8 500	3
Rijkswaterstaat Waterdienst	Netherlands	8 500	3
Instituto Hidrográfico	Portugal	5 000	2

Portuguese Institute for the Ocean and Atmosphere, IPMA	Portugal	5 000	2
Hellenic Centre for Marine Research, HCMR	Greece	5 000	2
Institute of Meteorology and Water Management, IMGW PIB	Poland	5 000	2
Institute of Oceanology, Polish Academy of Sciences, IO-PAN	Poland	5 000	2
Maritime Institute Gdansk, MIG	Poland	5 000	2
Tallinn University of Technology, Marine Systems Institute, MSI	Estonia	3 500	1
Cyprus Oceanography Centre	Cyprus	3 500	1
National Institute of Biology, NIB	Slovenia	3 500	1
Slovenian Environment Agency	Slovenia	3 500	1
Croatian Meteorological and Hydrological Service, DHMZ	Croatia	3 500	1
Croatian Institute of Oceanography and Fisheries, IZOR	Croatia	3 500	1

*Belgian VAT applies to Belgian members amounting to 21%. VAT is normally fully deductible by VAT-able entities. It has to be invoiced by EuroGOOS AISBL itself a VAT-able entity registered in Belgium to other Belgian VAT-able entities.

Agenda Item 23: Finances

Document 23.1: CV and biographies of candidates running for Executive Board

PERSONAL INFORMATION

Henning Wehde
Institute of Marine Research, Bergen Norway

📍 Moldalia 78, 5267 Espeland (Norway)

☎ (+47) 948 50 727

✉ henning.wehde@imr.no

EXPERIENCE

-
- 1990-1996 **Studies in physical Oceanography, University of Hamburg**
 - 1997-2003 **PhD Student and PostDoc**
Institute of Oceanography, University of Hamburg Germany, Hamburg (Germany)
 - 2003-2006 **Scientist**
GKSS Research Centre (actual name HZG), Geesthacht (Germany)
 - 2006-2009 **Senior Scientist**
NIVA (Norwegian Institute for Water Research), Bergen (Norway)
 - 2009-2014 **Senior Scientist**
Institute of Marine Research, Bergen (Norway)
 - 2014-Present **Head of Research Programme North Sea**
Institute of Marine Research, Bergen (Norway)

**LEADERSHIP, STEERING
COMMITTEE, PROJECT
COORDINATION AND OG
ADMINISTRATIVE
RESPONSIBILITY**

-
- 2012-2014 **Teamleader Operational Oceanography at the Institute of Marine Research, Bergen, Norway**
 - 2011 - dd **Chair of the North West Shelf Operational Oceanography system**
 - 2014 - dd **Head of the Research and Advice Programme North Sea**

Budgeterial and scientific responsibility of the North Sea Research programme at IMR where currently a number of 50 scientist and technicians are working in.
Responsible for all scientific delivery for the North Sea area.

Overarching responsibility for all scientific and fishery Advice for the North Sea Region (including Quota negotiations)

Steering Group memberships:

North West Shelf Operational Oceanography System (NOOS, member since 2006, Steering Group 2007, Chair 2011)
IMR representative in the Arctic Regional Ocean Observing System (Arctic ROOS) board
National contact for the European Environmental Agency (EEA) and EIONET Marine and Coast
IMR representative EuroGOOS; 'Founding member' EuroGOOS AISBL
Member 'Quality Review Assessment Group' GMES Marine Service MyOcean II, MyOcean FO
Member in the 'Management Committee' COST Action SMOS ES1001
Member in the Norwegian National advisory group for Remote Sensing, GMES/Copernicus og GEO (NRS)
Member ICES EG WG00FE

EU project:

GKSS(HZG)

Deputy Coordinator EU FP5 project FerryBox (2003-2006)

Project PI for NIVA

EU FP6 ECOOP (2007-2009)

EU FP7 MyOcean (2009)

Project PI for IMR

EU FP7 MyOcean (2009-2012),
EU FP7 MyOcean2 (2012-2014),
Horizon 2020 MyOceanFO (2014-2015),
EU FP7 Jerico (2011-2015) incl Workpackage lead
Horizon 2020 JERICO NEXT (2015-2019)
Horizon 2020 AtlantOS (2015-2019)
Horizon 2020 CERES (2016-20209)
EU FP7 Sensorfish (2012-2014) incl Workpackage lead

COPERNICUS MARINE SERVICE

Norwegian Research Council projects:

Project PI for IMR

ERANET SEAMAN (Spatially resolved Ecosystem Models and their Application to Marine Management (2013-2016),

Project Coordinator

Enhanced observation and modelling capability in the North Sea: contributions from ships of opportunity (FerrySim, 2007-2008)

Tidally-induced turbulent mixing in a silled fjord (Fjordmix (2009))

The impact of ship emissions on air and water quality in North European harbour regions (Impact, 2009-2010)

Other:

Coordinator

Fixed hydrographic stations project (2009- actual)

PhytoSim project (2007-2008, NIVA)

SFT-Tilførselsprogramm fase III (2008-09, SFT)

Project PI

Salmon project, (2011-2013, Hordaland Fylkeskommune)

Repparfjord project (2006, AkvaplanNIVA)

EDUCATION AND TRAINING

1990–1996 **Diplom (Master) in physical Oceanography**
University of Hamburg, Hamburg (Germany)

1997–2001 **Dr rer nat (PhD in natural Sciences)**
University of Hamburg, Hamburg (Germany)

PERSONAL SKILLS

Mother tongue(s) German

Communication skills Good communication skills obtained through participation in several European Projects and presentations at international meetings and conferences

Other Language	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Norwegian	C2	C2	C2	C2	C1
French	A2	B1	A1	A2	A2

ADDITIONAL INFORMATION

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PATRICK FARCY SHORT CV

Patrick Farcy, Senior Engineer, coordinator of the JERICO and JERICO-NEXT Projects.

Involved in H2020 ENVRI+ project (member of the BEERI), co-coordinator of the coastal WP of the H2020 project ATLANTOS (and BG 13 2016 proposal on Mediterranean SRIA) also involved in the advisory board of the FP7 OCEAN project NEXOS.

Co-coordinator of the joint action on “Optimisation of trans-disciplinary marine monitoring” and national contact point for the strategic areas 7 and 8 of JPI Ocean.

At national level, he is now Scientific Deputy Director of Ifremer, in charge of oceanography, infrastructure and technology. He is also:

- Member of the steering committee of EMSO France,
- member of the COSS (Scientific and Strategic Orientation Commission for the French Oceanographic Fleet), Ifremer representative
- member (Ifremer representative) of the infrastructure working group of the national environmental alliance, - co-coordinator of the national research infrastructure ILICO (French coastal observatories of the coastline and the coastal seas),
- member of the steering committee (Ifremer representative) of the French “coastal marine research centers” network – RESOMAR,
- member of the steering committee for the national “Overarching Ocean Data Center.”

He was previously Head of CERSAT project (Acquisition and processing of ESA’ ERS satellites data), deputy director of the spatial oceanography laboratory and then deputy director of the Oceanographic Fleet and Submarine department at Ifremer. From 2005 to 2009, thematic director of the Ifremer fleet and databases. Since 2009, he is deputy director of the Scientific department of Ifremer (DS).

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