

EuroGOOS AISBL Secretariat

2013 Report of Activities

Table of contents

| | |
|---|-----------|
| 1. Transition to EuroGOOS AISBL | 3 |
| Update on progress..... | 3 |
| New logo and web site | 3 |
| 2. Interaction with other Initiatives - Institutions | 5 |
| EEA – Copernicus in situ | 5 |
| ECOMF – Copernicus Marine Service..... | 5 |
| GOOS GRA | 6 |
| JPI-Oceans | 6 |
| 3. Working Groups | 7 |
| SAWG | 7 |
| DATAMEQ | 8 |
| 4. Participation to external projects..... | 8 |
| Principles for support & participation to external projects | 8 |
| GMES-PURE | 10 |
| EMODNET-Physics..... | 10 |
| 5. Meetings | 11 |
| Annex | 14 |

1. Transition to EuroGOOS AISBL

Update on progress

- The Royal Decree for the establishment of EuroGOOS AISBL was granted on 18th February 2013. It was published in the Belgian official gazette on 4th March 2013.
- The practicalities of moving the office from SMHI/Sweden to the AISBL office in Brussels have been addressed / completed. Yota has taken over all the tasks of Sian who has practically stopped contributing to EuroGOOS activities after the Board meeting of 23rd May-Malta.
- The financial & administrative support of core EuroGOOS activities by SMHI has ended on 30th June 2013. Since 1st of July all payments are made through EuroGOOS AISBL. A financial statement for the first semester of 2013 has been provided by SMHI.
- SMHI will continue to support the ongoing EuroGOOS projects (PURE and EMODNET-Physics). The expenses of Patrick (salary and travel) will be paid by SMHI and charged on a monthly basis to EuroGOOS AISBL. A negotiation on the secondment agreement for Patrick is underway (see also agenda item 13).
- The transfer of EuroGOOS assets, including reserves, took place in early July. The only outstanding issue concerns the annual fees of 2013 that haven't yet been paid by some members to SMHI (total 56.442 €).
- The functionality of our new offices in BELSPO is satisfactory. We are taking advantage of the facilities to organize EuroGOOS relevant meetings (e.g. GMES-PURE workshop in October, NOOS meeting and DataMEQ meeting in September, EMODNET meeting in June etc).
- Unfortunately the EUMETNET Secretariat is not moving to BELSPO. We were informed that their assembly did not approve of the move from the Belgian Met Office facilities to BELSPO (two negative votes).
- Up to now 23 members of old EuroGOOS have signed the relevant declaration and are thus considered members of EuroGOOS AISBL (including the two founding members). Meteo France has informed us that they will not join the EuroGOOS AISBL. They consider that they contribute through Mercator Ocean. The perspective of finding a 3rd French member has been discussed and SHOM appears to be the best candidate. (see also agenda item 7).

New logo and web site

The need to redesign the EuroGOOS website and logo had been expressed already since the early stages of EuroGOOS AISBL. The Office took responsibility to survey the market and find someone professional and experienced, with the style and skills to fit EuroGOOS. Three web developers were contacted:

1. BELSPO /MUMM (BE): Internal discussions at BELSPO indicated that BELSPO /MUMM could provide a very basic website, similar to the BELSPO one, and perhaps a logo too. Hosting of the website would be provided free of charge. This option was abandoned as we felt that they could not develop the dynamic character sought after. Also, we did not feel we would have on

demand technical support from BELSPO technical teams. However, hosting the website in the future would be an option if we decided so.

2. Maris (NL): Maris is currently our website developer and host. They are also our partner in several projects (such as EMODNet Physics). However, their Content Management System (CMS) is out of date and not easy to use. Their proposal for the new website includes a brand new, user friendly, but self-developed CMS. We had a demo presentation and also received examples of the new website. They also proposed some examples for a new logo. Maris was not keen to separate web hosting and development.
3. Blue Lobster (UK): BL is a UK based IT company specialized in web technology, with extensive experience in the marine S&T sectors. BL has a good reputation within the marine community and have made websites for projects such as Jerico and EMECO. First contact was made at a Jerico meeting (BL are partners of Jerico) where some initial ideas were discussed and where it decided to discuss further. BL offered a few examples of the new website, a demo of the CMS and some examples of logos.

After careful examination of the options, the Office decided to opt for Blue Lobster. The main reasons behind this decision have been the following:

- a. strong background in IT & web development combined with expertise in marine science.
- b. more user friendly and state-of-the-art CMS
- c. dynamic, professional and sophisticated feel
- d. technical competence of BL
- e. very enthusiastic team
- f. less costly than Maris¹

We thanked BELSPO /MUMM for their offer and Maris for the good collaboration and contacted BL to begin discussions for web and logo development. We had a physical meeting with BL in Sheffield, UK on September 9.

Logo

The new logo has been selected following a vote between EuroGOOS members, following a pre-screening made by the Board on the 17 proposals made by the designer.

Website

The development of the website will follow the style of the new logo and also move along these lines:

- professional, dynamic (not-static), clean and modern look. It should follow the feel of the new logo and corporate style.
- inform visitors about EuroGOOS activities at a glance
- inform visitors about members', their news, activities and their products
- easy to maintain & update by the EuroGOOS Office
- easy to navigate; visitors should be able to locate information easily
- more graphics & videos
- links to already available members' products
- appealing to new/prospective members
- links to the Organisation's social media
- mobile-friendly

¹ BL: €3,450, plus annual fee of €200 for website hosting versus €5,000 plus €750 (hosting) by Maris (all excl. VAT)

2. Interaction with other Initiatives - Institutions

EEA – Copernicus in situ

- Discussions between EuroGOOS and EEA have started since 2012 aiming to develop a framework of collaboration for the Copernicus in-situ component. These discussions are in the framework of the GISC project (GMES In-Situ Coordination) that addresses all service components of Copernicus.
- During 2013 two meetings were organized. One dedicated meeting at EEA headquarters (13th February 2013) and one during the “Monitoring Matters” workshop in Copenhagen (10th April 2013).
- The main output of the first meeting was the finalization of the EuroGOOS-EEA MoU while the second meeting focused on the development of a set of principles for a future Service Level Agreement between EEA/Service Provider and EuroGOOS/data providers. This set of principles has been finalized in autumn 2013.
(both documents available in the annex)

ECOMF – Copernicus Marine Service

- The EuroGOOS Secretariat has been invited and participated to all ECOMF meetings of 2013. The role of EuroGOOS is to facilitate the process and provide a link with the broader community of Operational Oceanography in Europe, aiming to maximize the benefits for all its members and based on the principles of the Strategic Partnership / Nicosia Declaration.
- The role of EuroGOOS has been discussed / approved by the Board of Executive Directors and is summarized in the presentation slides and the document available in the annex.
- Following relevant decisions of the previous Board meeting (May 23rd, Malta) a position paper on the in-situ component of the Copernicus Marine Service was prepared and a meeting with the relevant unit of EC was arranged.
- The position paper has been prepared in collaboration with MyOcean. It underlines the importance of in-situ data and makes a proposal for the required level of funding (at 30M Euro / year).
- The meeting with EC/DG ENTER officers responsible for the Marine Service took place on July 3rd. The Secretary General met the head of Unit for the Copernicus Services Mr Mauro Facchini as well as members of his unit (T.Riedlinger, H.Zunker, V.Tomasou). Useful to note that the old GMES Unit has split to 2 new ones: the “Infrastructures” unit (head: R. Schulte-Braucks) responsible for the Satellite component and the “Services” unit (head: M.Facchini) that will also have the responsibility for the in-situ component.
- It was a fruitful meeting especially because M.Facchini and members of the unit did not have a good knowledge about EuroGOOS and how the operational oceanography community is structured in Europe. Note that Torsten Riedlinger who was the “marine contact” in the unit was about to leave (he left in August 2013).

- Apart of the generic EuroGOOS activities, we described the links with the Marine Service, the Strategic Partnership and our interest for the in-situ component. We briefly presented the position paper and we stressed the need not only for a coordination and data management mechanism but also for support of the observing systems with emphasis on filling the gaps.
- From their side, they presented the progress of Copernicus with emphasis on the regulation and its implementation. They were intensively working on preparing the specifications for the Expression of Interest for the Service Operators. Their aim was to have the call in September and start negotiations with selected candidates by beginning of 2014.
- After that meeting an updated version of the proposed Copernicus Regulation was released (in which most of the text for service operators was removed) while working versions of the final regulation were also circulated (see relevant document). A more stable version of the regulation is expected in autumn.
- In parallel and following the decisions of the previous Board meeting, the working group on the ECOMF Strategic Partnership was informed for the progress and the possibility for a need to provide input during the next months. The Action Plan has been updated after a round of consultation through email

GOOS GRA

- The 6th GRA meeting was organized in Hawaii on 14-16th May 2013. The minutes of the meeting are available at: www.ioc-goos.org/index.php?option=com_oe&task=viewEventDocs&eventID=1288
- The action list is available in the annex section. A teleconference was organized on 4th September to follow the progress and maintain the momentum of the recent GRA meeting.
- EuroGOOS is involved in action #14 for development of the links with IODE (provide data for Ocean Data Portal) and #19 for the development of a catalogue of models in each region following the template of EuroGOOS. And, of course, in the actions where all GRAs are expected to contribute.

JPI-Oceans

- The Joint Programming Initiative “Healthy and Productive Seas and Oceans” (JPI Oceans) (www.jpioceans.eu) is a high-level strategic process to provide a long-term integrated approach to marine and maritime research and technology development in Europe.
- JPIs are initiatives driven by Member States who want to increase collaboration / coordination of national resources (funding, infrastructures, personnel) in a specific research area. They are perceived as the next (higher) stage of integration after EraNET (e.g. MarinERA, SEAS-ERA) and Article 185 initiatives (e.g. BONUS).
- Members of JPI Oceans invest approximately Euro 1,8 billion in marine and maritime R&D per year. In its role as a coordination platform, JPI Oceans will focus on making better and more efficient use of these national research budgets, which represent 85% of the marine-maritime funding within Europe. This is in order to reduce the fragmentation, create critical mass and avoid unnecessary duplication of the efforts.
- CSA Oceans is a three-year project co-funded by the European Commission (www.jpi-oceans.eu), under the scheme of Coordination and Support Action (CSA) within the FP7. The

CSA Oceans project aims to provide dedicated support to JPI Oceans, in order to shorten the time required for the JPI Oceans to develop its strategic research agenda and reach its implementation phase.

- In the framework of this CSA a series of meetings were organized in Brussels during June 2013 between the JPI secretariat and marine research stakeholders. EuroGOOS was invited to the meeting on “Marine Research Infrastructures”. NOOS was also invited to the meeting and was represented by Henning Wehde. Other representatives were from ESFRI initiatives (EMSO, EMBRC, etc) and I3 Projects.
- EuroGOOS stressed the importance for a long-term marine monitoring strategy & capacity in Europe to cover both research and societal/ policy needs (MSFD, MSP, CFP etc).
- This idea was well received by JPI-Oceans. Also because the idea of a European Ocean Observing System (EOOS) has been proposed since 2010 by the Ostend declaration and has been also endorsed by the EC working group on Marine Research Infrastructures (see report: “Towards European Integrated Ocean Observation”, January 2013).
- In various discussions with JPI representatives as well as in some documents (e.g. SEASERA report on marine research infrastructures), EuroGOOS is anticipated to play the leading role in such an initiative. The discussions with JPI Oceans will continue on a bi-lateral basis; a first target is to have a proper presentation of Ocean Observations / EOOS in the Strategic Research and Innovation Agenda that they are currently developing through the CSA.

3. Working Groups

This a short update on the progress of EuroGOOS Working groups in which the Secretariat was involved during 2013. More details will be available through the reports and presentations given during the meeting.

SAWG

- Following the discussion at the 2012 General Assembly and the 2013 Board meeting, the chairpersons of the SAWG were approached and invited to re-activate the WG with a specific mission: the development of a set of “EuroGOOS” RTD priorities in view of Horizon2020.
- Nadia Pinardi and Johnny Johannessen agreed to this mission and organized a meeting of SAWG in Cork (April 15th, b2b with MyOcean2 annual review).
- There was good participation from old and new members of SAWG and representation of all ROOSs.
- The group agreed to:
 - a. Work during the next months in order to produce a short document (2-5 printed pages) with research priorities for operational oceanography. The document should be primarily used for promotion of O.O. in Horizon 2020 but also in other relevant initiatives (e.g. JPI Oceans, SEASERA, national programmes etc). Aim to have the document ready for the General Meeting of November 2013.
 - b. Revise the ToR of the group and present the new membership including candidate chairpersons at the General Assembly of November 2013.

- During the meeting short presentations were given by each ROOS representative regarding their regional RTD priorities.
- Next step includes consolidation of these priorities into a limited number of topics. It was agreed to structure the document around 3-5 Science challenges and 1-2 research topics under each of them. The overall structure of the document was also discussed and agreed.
- A preliminary revision of the SAWG ToR was also carried out during the meeting.

DATAMEQ

The 4th DATAMEQ meeting was organized at the EuroGOOS Office premises in Brussels (BELSPO), 10 – 11 September 2013. The objective was to work on TOR 1, 2, 3, 4 and 5 taking advantage of the developments performed within MyOcean, SeaDataNet and EMODnet-PP in close link with the EuroGOOS ROOSs

1. Revise what has been set up since 2010 and identify the improvements that are needed especially concerning the links between Real-Time and Historical Data streams (MyOcean-SeaDataNet- EMODnet-PP)
2. Reach an agreement on RTQC procedures developed between MyOcean and SeaDataNet for bio-geochemical data (MyOcean, JERICO feedback)
3. Define Action plan for next 2 years

4. Participation to external projects

Principles for support & participation to external projects

Background

The EuroGOOS Office using the legal entity of SMHI has participated to a number of externally (EU) funded projects:

- *SEPRISE*, that demonstrated the feasibility of NRT marine data sharing at European scale (ended),
- *EMODNET Physics* in which EuroGOOS together with SEADATANET and MyOcean develops a portal for unified access to marine data (soon to be completed). It will be followed by a second phase in which the ROOS data centers (regional portals) will be linked and harmonized,
- *GMES-PURE*, that develops a methodology for collection of user requirements for the Copernicus/GMES services, with application to marine and atmospheric components (started 1/1/2013).

Furthermore, EuroGOOS has been represented by one of its members in the following EU funded projects:

- *MARCOM+*, that organized the collaboration between European marine and maritime research networks (represented by HCMR; project ended)
- *MyOcean2*, that develops the GMES Marine Service; a specific WP develops the links with national operational services and is coordinated by IMI on behalf of EuroGOOS

EuroGOOS is becoming a preferred partner for projects related to operational oceanography and this is expected to continue, now that it has acquired the legal personality of AISBL. Furthermore, the Secretariat is often asked to provide support letters for project proposals. Such requests usually come from one of our members but there have been cases when non-members have asked for such kind of support. Finally, the Secretary General and the Chairman are being frequently asked to participate to Advisory Boards (or similar committees) of projects.

Suggested approach

Since the decisions for such engagement are usually taken with short notice, it is suggested to develop a set of principles that will guide the involvement of EuroGOOS AISBL in external projects. After testing the efficiency of this approach, the principles could be introduced in the Internal Rules of EuroGOOS AISBL.

It is proposed to identify common / overarching principles as well as case-specific principles related to the degree of involvement.

A. Overarching principles

- a. The project is of relevance to Operational Oceanography and the Objectives of EuroGOOS AISBL;
- b. There is no anticipated negative impact on EuroGOOS AISBL or the core activities of the Secretariat;
- c. EuroGOOS AISBL contributes on strategic and/or coordination issues and aims to optimize the participation of its members to the project;
- d. Acting for the collective interest of the EuroGOOS AISBL members.

B. Support letter to proposals

- a. The proposal is coordinated by or has strong participation of EuroGOOS AISBL members;
- b. The quality of the proposal, based on the available material (usually extended abstract and partnership), is of high standards;
- c. There is a formal request by one of our members.

C. Member of Advisory Committees or relevant project boards (representing EuroGOOS)

- a. The advice is expected to have a positive impact on the progress and the outcomes of the project;
- b. There is a need to represent the EuroGOOS community;
- c. No unjustifiable implications for EuroGOOS AISBL budget;
- d. Travel and working requirements not affecting activities of the Secretariat.

D. Participation to projects

- a. Project expected to have a significant positive impact on the development of operational oceanography at European level;
- b. Participation of EuroGOOS AISBL expected to have a positive impact on the project;
- c. Required resources, such as personnel or co-funding, can be made available;
- d. No liability issues for the members are introduced by the project, unless the Board and relevant members agree otherwise;
- e. Quality of the proposal follows high standards;
- f. There is no competition with one of our members (to the extent that such information is available), unless the Executive Directors Board decides otherwise after consultation with the competing member;

- g. Consultation with Board and ROOS Chairs (when appropriate) is being carried out when time allows. Especially for major projects when the role of EuroGOOS AISBL is significant;
- h. When appropriate the regional approach is promoted and the involvement of all ROOSes is aimed. Selection of partners is made in collaboration with ROOS Chairs (when such a role is expected by the Secretariat during the proposal development).

GMES-PURE

- The GMES-PURE project (Partnership for User Requirements Evaluation) is an FP7 Coordination and Support Action, aiming to support the EC in capturing current and emerging requirements of users of Copernicus marine and atmosphere services.
- It is a 2 years project that started on 1-January-2013. It is coordinated by EUMETSAT and partners are FMI & RAL (atmosphere service) as well as EuroGOOS (marine service). EuroGOOS is represented by SMHI while contribution is also expected by DMI (especially on specifications for the Service and R/S Data) probably through subcontracting.
- The main activity of EuroGOOS and a major deliverable of the project is the definition of (marine) User Requirements. This is done through analysis of existing requirements collected mainly through MyOcean and MyOcean2 projects as well as through dialogue with users especially for the medium and long-term evolution of the Service.
- The “marine users” workshop organized by EuroGOOS at the BESLPO premises in Brussels, 29-30 October 2013, was a key milestone of the project.
- It brought together users to share their experiences from the pre-operational phase of the service, collect their feedback and discuss requirements for its future evolution.
- It also included a session on “Trends in Operational Oceanography: expected developments in the next 20 years” in the morning of the first day. Mike Bell, Johnny Johannessen and Glenn Nolan presented future developments for Modelling, Remote Sensing and In-Situ data respectively.

(More info under the relevant agenda item)

EMODNET-Physics

- The Physics preparatory action had the overall objectives to provide access to archived and near real-time data on physical conditions as monitored by fixed stations and Ferrybox lines in all the European sea basins and oceans and to determine how well the data meet the needs of users.
- The existing EMODnet Physics portal makes layers of physical data and their metadata available for use and contributes towards the definition of an operational European Marine Observation and Data Network (EMODnet). It is based on a strong collaboration between EuroGOOS associates and its Operational Oceanographic
- Systems (ROOSs), and it brings together two marine but very different communities²: the “real time” ocean observing institutes and centers and the National Oceanographic Data Centers

² In Europe, the majority of these organisations are also participating in either one or both of the **MyOcean** and **SeaDataNet** consortia.

(NODCs) that are in charge for ocean data validation, quality check and update for marine environmental monitoring.

- EMODnet Physics is a Marine Observation and Data Information System that provides a single point of access to near real time and historical achieved data, it is built on existing infrastructure by adding value and avoiding any unless complexity, it provides data access to any user, it is aimed at attracting new data holders, better and more data.
- With a long term vision for sustaining a pan European Ocean Observation System EMODnet Physics is supporting the coordination of the EuroGOOS ROOSs and the empowerment and improvement of their observing and data management infrastructure.
- The on-going EMODnet Physics preparatory action has recently been extended with the aim to enlarge the coverage with additional platforms (e.g. Argo, Gliders, HF Radars etc.) and products and strengthening the underlying infrastructure. To accomplish this EMODnet physics core consortium have asked the EuroGOOS ROOSs and ROOS chairs to play an increased and important role for ensuring full engagement of the ROOSs and European Institutes with marine data interest. To achieve its goal and to avoid duplication of work EMODnet Physics is working in close collaboration with on-going project such as MyO, SDN and JERICO.

(more info under the relevant agenda item)

5. Meetings

The Secretariat, Board and ROOS-chairs have participated/will participate during 2013 in the following meetings (project meetings not included):

| dates | destination | description | who |
|---------------|---------------------|---|--|
| 9-11/1/2013 | SMHI, Sweden | EDB meeting | Secretariat, Board, ROOS-chairs |
| 06/02/2013 | Brussels, Belgium | SEASERA Forum | K.Nittis |
| 12-13/02/2013 | Copenhagen, Denmark | EEA-EuroGOOS meeting for Copernicus in-situ | Secretariat, ROOS-Chairs, Board |
| 14-15/02/2013 | Paris, France | ECOMF | K.Nittis |
| 14-15/02/2013 | Madrid, Spain | In situ TAC Meeting | P.Gorringe |
| 26-28/02/2013 | Paris, France | IBIROOS Annual Meeting | P.Gorringe |
| 11-15/03/2013 | Ensenada, Mexico | IODE XXII | P.Gorringe |
| 03-04/04/2013 | Paris, France | ECOMF | K.Nittis |
| 08-11/04/2013 | Copenhagen, Denmark | MyO user Workshop/GISC final meeting | Secretariat, Board members and ROOS-Chairs |

| | | | |
|---------------|---------------------|--|---------------------------------|
| 09/04/2013 | Darmstadt, Germany | EuroGOOS presentation to national delegates meeting for next JASON mission | Johnny Johannessen |
| 15/04/2013 | Cork, Ireland | SAWG Meeting | K.Nittis |
| 15-17/04/2013 | Cork, Ireland | MyO Annual Meeting | P.Gorringe |
| 24-25/04/2013 | Helsinki, Finland | Ferrybox workshop | P.Gorringe |
| 13-17/05/2013 | Hawaii, US | GOOS Regional Council | P.Gorringe |
| 21-23/5/2013 | Valetta, Malta | European Maritime Days & EDB meeting | Secretariat, Board, ROOS-chairs |
| 28-30/05/2013 | Tallinn, Estonia | BOOS Annual Meeting | P.Gorringe |
| 31/05/2013 | Paris, France | ECOMF | K.Nittis |
| 03-05/06/2013 | Trieste, Italy | GROOM General Assembly | P.Gorringe |
| 04/06/2013 | Paris, France | Meeting of Coastal Community EUCC for Horizon2020 | K.Nittis |
| 05-06/06/2013 | Brussels, Belgium | CSA Ocean (JPI) workshop on infrastructures | K.Nittis |
| 11-12/06/2013 | Oxford, UK | GMES-PURE atmosphere user workshop/MACC-II | Y.Antoniou |
| 12/06/2013 | Brussels, Belgium | CSA Ocean (JPI) workshop on Era-Nets & national programs | K.Nittis |
| 17-19/06/2013 | Paris, France | JERICO mid-term review | P.Gorringe |
| 03/07/2013 | Brussels, Belgium | Meeting with DG ENTER, Copernicus Services Unit | K.Nittis |
| 04-05/07/2013 | Copenhagen, Denmark | MODEG | P.Gorringe |
| 8-9/09/2013 | Sheffield, UK | Meeting with Blue Lobster to discuss redevelopment of EG logo and website | Y.Antoniou, P.Gorringe |
| 9-11/09/2013 | Edinburgh, UK | ESA Living Planet Symposium | Y.Antoniou |
| 10-11/09/2013 | Brussels, Belgium | DATAMEQ | P.Gorringe |
| 11-13/09/2013 | Brussels, Belgium | NOOS Annual Meeting | P.Gorringe |

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|----------------|---------------------|--|--|
| 17-18/09/2013 | Rome, Italy | EU workshop for Marine and Arctic Research Infrastructures | Stein Sandven |
| 24-25/9/2013 | Paris, France | ECOMF meeting | E.Buch |
| 30/9-2/10/2013 | Copenhagen, Denmark | EDB meeting | Secretariat, Board, ROOS-chairs, WG-chairs |
| 02-04/10/2013 | Madrid, Spain | MONGOOS Annual Meeting | P.Gorringe |
| 8-9/10/2013 | Hamburg, Germany | FUTOORE 2013 Symposium | Y.Antoniou, Chair |
| 28-30/10/2013 | Brussels, Belgium | GMES/PURE marine user consolidation workshop | Secretariat, Chair |
| 18-21/11/2013 | Brussels, Belgium | EG Annual meeting | Secretariat, EuroGOOS members |
| 25-28/11/2013 | A Coruna, Spain | ICES WGOOFE | P.Gorringe |
| 16-17/12/2013 | Copenhagen, Denmark | Arctic ROOS Annual Meeting | P.Gorringe |

Annex

- a. Agreement with BELSPO
- b. Agreement with SMHI
- c. Agreement with EEA
- d. Principles for SLA with EEA on in-situ data flow
- e. ECOMF – EuroGOOS presentation
- f. GOOS-GRA action list