



EuroGOOS

European Global Ocean
Observing System



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Integration workshop

November 19th and 20th 2019 at RBINS

Primarily ROOS, WG and TT chairs

EuroGOOS members welcome

Based on the following documents:

- 1: EuroGOOS 2020+ strategy and functional plan (in prep).
- 2: Results of SAWG survey on capacity and future R&D priorities (completed by 6 EuroGOOS & 2 MONGOOS members to date):
- 3: Operational modelling questionnaire prepared by Coastal WG.
- 4: Context from Ocean Decade and GOOS Strategy
- 5: EOOS Strategy and Implementation Plan

Likely structure:

Intro on EuroGOOS strategy, GOOS Strategy, EOOS and Ocean Decade

SWOT (strengths, weaknesses, opportunities, threats) assessment by ROOS, TT, WG

Discussion

Formulation of recommendations



Strengths of your ROOS, WG or TT

Please summarise what you believe works well within your ROOS, WG or TT at present

- [Ferrybox.org website](http://Ferrybox.org)
- FB workshops
- exchange of data
- Working well with TT members : NIVA, HZG
- Working with instrument companies: 4H Jena, Contros (not all)



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Weaknesses of your ROOS, WG or TT

Please summarise what you believe needs improvement within your ROOS, WG or TT at present

- some data still not available from partners from FB community
- Still troubles reporting carbonate system parameters
- Some questions about parameters of value, but difficult to assess, like chlorophyll fluorescence
- Lacking of depth dimension of measurements (likely to be solved by other TTs)
- Could use better integration/cooperation with other EU infrastructures/entities like ICOS, ESA, EurArgo
- More regular communication within TT and between TT-TT, TT-WG, and TT-ROOS – we are all busy and FB TT is a 3rd, 4th, etc. priority



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Opportunities for your ROOS, WG or TT

Please summarise what you believe represent significant opportunities to deliver on the objectives of your ROOS, WG or TT

Our objective as of May 2019: To act as the European component in the global community using ships of opportunity (e.g. JCOM-Ship Observation Team), incorporate links with ICOS (Integrated Carbon Observation System) and GOOS (Global Oceanographic Observation System) through EuroGOOS. Ensure the integration of FerryBox networks in the European Operational Oceanographic Services and contribute to the development of the European Ocean Observing System (EOOS). Ensure data availability via the EuroGOOS ROOS data portals including data quality procedures, and enable publication of FB Data through DOI; promote a common European FerryBox data portal.

Please detail any possible synergies/prospects for cooperation with other ROOS, WG and TT

- Physical parameters of value, include winds, waves, currents, and those will help with FB data interpretation. Probably radars, and models could help in this respect
- Depth profiles of similar parameters are useful, so groups making measurements with depth, like gliders, ROVs, argo floats would be useful



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Threats to your ROOS, WG or TT

Please outline key possible threats that would limit the ability of your ROOS, WG or TT at present or in the near future (2-3 year timescale)

- Decreased funding for maintaining the measurement networks
- Movement of platforms (ships)
- Significant change of scientific direction regarding oceanographic measurements at the research institutions



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How can the EuroGOOS Office better service the needs of your ROOS, WG or TT?

- Provide more visibility for the work of the ~~ROOS~~TT
- Provide more funding opportunities for synergistic activities between TT, WG, and ROOS
- Maintain meetings for exchange of information and experiences between TT, WG, ROOS