



# EuroGOOS

European Global Ocean  
Observing System



**HF Radar**  
EuroGOOS Task Team



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## Integration workshop

Strengths of



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

- ✓ Broad community involvement, including operators of the two main HF radars providers, including operational and R&D actors.
- ✓ High level of capitalization from several collaborative projects in different programs (H2020 INFRAIA, CMEMS, EMODnet, INTERREG...).
- ✓ A centralized and homogenised data processing is being implemented.



HF Radar Task Team workshop  
San Sebastian, Spain, 13-14 Nov 2019



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Weaknesses of  **HF Radar**  
EuroGOOS Task Team

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

- ✓ Difficulties in funding a wide networking project, like a COST action. EUROSEA will at least temporarily and partially fulfil this objective.
- ✓ Improvable connections with other key communities (satellite, modelling) for improving the impact of HF Radar data.





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Opportunities for



*(I) Please summarise what you believe represent significant opportunities to deliver on the objectives of your TT*

- ✓ Connection with the Global framework (GEO High Frequency Radar Network)
- ✓ Coordinated involvement of the main Marine Data programs: EMODnet, CMEMS, SeaDataNet.
- ✓ The connection and integration with other communities/platforms started could be reinforced in CMEMS (In Situ, Multiobs, MFCs).



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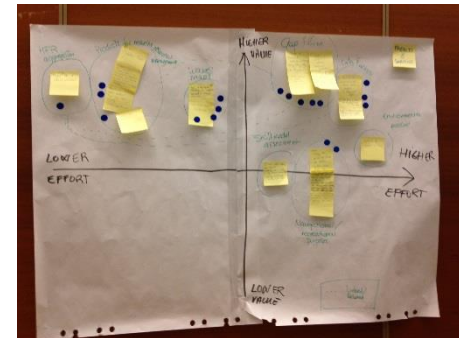
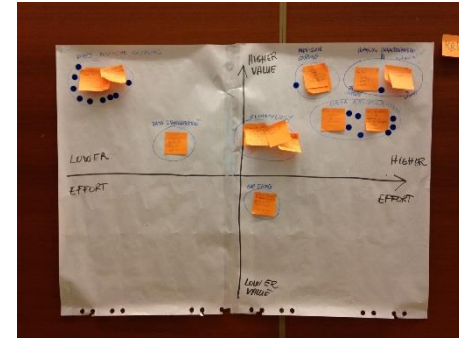
Opportunities for



**HF Radar**  
EuroGOOS Task Team

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

- ✓ Support of the **ROOSs** for implementing recommendations and consolidating the HF Radar networks in the Regional Systems → HFR TT ambassadors in **ROOSs**.
- ✓ Research activities and joint strategies are planned to be reinforced in the following years. Plans should be shared with **Science Advisory WG**.
- ✓ New strategy&action plans on services and products should be shared with the **Coastal WG**.
- ✓ A recently submitted paper on Best Practices significantly based on outputs from JERICO-NEXT (D2.4 & D5.14) will be shared within **DATAMEQ** and **Technology Plan WG** (“Best practices on High Frequency Radar deployment and operation for ocean current measurement” C.Mantovani et al., Submitted to Frontiers Best Practices in Ocean Observing). Further steps for keeping alive the BPs (like planned in JERICO-S3) will feed also a transversal approach between the different **Task Teams** and within **DATAMEQ** and **Technology Plan WG**.
- ✓ EUROSEA planned to establish links between **Task Teams** (2<sup>nd</sup> common workshop).





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Threats to



**HF Radar**  
EuroGOOS Task Team

*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)*

- ✓ On sustainability: No long-term commitment for funding the EU HF Radar Node.
- ✓ On sustainability: Some operators still have difficulties to make their system sustainable; some platforms are funded through projects.
- ✓ Risk for a too long “Time To Market” for the Task Team work plan. Joint efforts will allow to reduce the time necessary to have a significant impact in the European Observing System.





How can the EuroGOOS Office better service the needs of



✓ Communication / visibility in EuroGOOS webpage

e.j. Online mapping of the network inventory with smart solution for updates:

- Operational platforms / historical data available / future platforms planned
- Info on sustainability (similar to the Tidal Gauge inventory)
- Info on operators/coverage

Giving visibility in EuroGOOS newsletters to key information coming from Task Teams newsletters (that will come in 2020)

✓ To provide directly or indirectly some endorsement to local operators explaining that the corresponding platform is part of a European network (EOOS?) providing key information shared through the main marine data infrastructure. This will help to empower the local/national funders and operators → Sustainability

