

Full TT Title	EuroGOOS Glider Task Team
Established	Fall 2015, after the successful completion of GROOM EU-project.
Chair/co-Chairs	Pierre Testor, and Carlos Barrera
Current members	Although formal Glider-TT group-members still in construction/definition after TT re-activation in Spring 2020, the TT is able to ensure representatives from almost EU-countries running ocean gliders nowadays (i.e. France, UK, Italy, Ireland, Greece, Norway, Sweden, Finland, Estonia, Spain, Germany, Cyprus, Portugal, Israel and Poland).
Main contact person	Carlos Barrera
http	https://www.ego-network.org/dokuwiki/doku.php https://www.oceanglidors.org/
Objective	<p>Act on behalf of the European part of the global glider community (EGO network and OceanGliders GOOS program). Further develop the European glider network, coordinate and assist in the standardization and sharing of best practices for glider operations and applications and harmonization of data and metadata.</p> <p>Ensure data (real time and delayed mode) availability for the Copernicus Marine Environment Monitoring Service (CMEMS), SeaDataNet, EMODnet data portals and other data aggregators and appropriate users via the Global Data Assembly Centre (GDAC) for Glider data. Strengthen the glider data availability through the EuroGOOS Regions (ROOS)</p> <p>Set up a framework for: (1) Promoting glider applications and operational oceanography services through liaison between providers and users, advocacy, and provision of expert advice. (2) Sharing success stories and difficulties. (3) Maintaining and sharing reference material on glider-related technologies (sensors, protocols, readiness levels and specifications, data management standards and quality control). (4) Providing and exchanging source tools (data analysis, applications...). (5) Promoting scientific synergies for key questions. (6) Filling gaps and looking for complementary with other technologies, especially with automated surface vehicles. (6) Promotion of joint proposals.</p> <p>Contribute to the development of the European Ocean Observing System (EOOS), in the coastal area and in the open ocean.</p> <p>Link with EuroGOOS ROOSs, Working Groups (DATAMEQ, Technology and Coastal Working Groups) and relevant ongoing programs and projects (e.g. CMEMS INSTAC, EMODnet, Seadatanet, EuroArgo, EMSO and related national and European Marine Research Infrastructures projects, etc.) to avoid duplication of efforts.</p>
Relevance to EuroGOOS Strategy	Glider TT activities contribute to the “Sustained Observations “ topic of the EuroGOOS strategy providing RT/NRT data to contribute on numerical modelling improvement and operational oceanography services.

Successes 2019-2020

Involvement and active participation in EU “flag-ship” projects on ocean observation and marine technology (i.e. AtlantOS, GROOM II, EuroSEA, JERICO S3, iFADO, MISSION Atlantic, ENVRI-PLUS, INTAROS, etc.)

Holding the EGO/OceanGliders Meeting

Organizing the EuroGOOS Data Management online Meetings

Strongly contribute to the creation of the OceanGliders technical coordinators position at JCOMMOPS.

Holding the 10th Glider School edition

Reach an international agreement in principle on OceanGliders 1.0 Data Format (EGO, IMOS and IOOS) – “details remain to be discussed”

Glider-TT Terms of Reference (ToR) upgraded

http://eurogoos.eu/download/other_documents/task_teams/Gliders_Terms_of_Reference_FNL.pdf

International and EU cooperation clearly improving through projects and initiatives, both public and private sector (multiplatform, multidomain, multisector, partnership approach)

Challenging missions successfully accomplished (Atlantic ocean circumnavigation, ATL2MED, ...)

Bottle necks / problems

- Sustainability. The activity mainly rely on projects and not on dedicated supporting infrastructures.

- Clear lack on dedicated national infrastructures/support

- Glider Technology (TRL) still in development (i.e. deep gliders) + some payload difficulties (sensors, telemetry, endurance ,...)

- Data format harmonization (EGO, IMOS and IOOS)

- Best Practices shared policy at EU level still poor

Meetings 2019- 2020

EGO/OceanGliders Meeting – New Jersey (May 2019)

Glider School 2019 – Gran Canaria (Oct 2019)

4th OGST Meeting, Teleconference (Oct, 2019)

EuroGOOS data management task team meeting – teleconference (May 2020)

Meeting with Coriolis / EMODNET / JCOMMOPS on gliders data flow – teleconference (June 2020)

**Main work plan areas
2019-2020**

- Promotion and outreach of the glider group and glider activities among operational oceanography agencies across Europe (with strong links with international OceanGliders initiative).
- Development of best practices, harmonization of data and making connection to the major data aggregators.
- Providing a framework to glider users.

	M/Yr
Establish Terms of Reference	May 2020
Selection of Chair and co-Chair	2020
Approval by Exec. Board	2020
Approval by General Assembly	2020
Calls for member nominations	2020
Kick-off meeting	2020/2021
Establish a communication strategy of glider activities	
Influence the operational oceanography agencies making them aware of the glider activities	Continuous
Link with GROOM II project and promote its results and activities	2020-2022
Link with EuroSEA project and activities (WP1 and WP3 mainly) and promote its results	2020-2022
Update the Task Team webpage including links to relevant Glider projects and initiatives (GROOM, EGO, OceanGliders, etc.)	2020
Development of best practices and harmonization of data	
Organize the european contribution to the international initiatives on Glider best practices	Continuous
Ensure the data flow towards CMEMS and EMODnet via GDACs	Continuous
Providing a framework to glider users	
Seek funding for joint/coordination activities	Continuous
Promote software and technology sharing (probably together with Ocean Technology Working Group/EGO website?)	2020
Develop capacity building for gliders users and access	
Launch a series of Webinars at EU level (but not exclusive) co-organized by EuroGOOS/CNRS promoting different topics related to (not exclusive list): data management, science applications, operational services, etc.	2020-2022
Guide stakeholders on community tools development (web-based tools, software, hardware)	2020-2022

Next Meetings Planned

- GROOM II - KoM (Fall 2020)
- EGO/UG2 OceanGliders Meeting (Spring 2021)
- Glider School (May 2021)
- Data Management Meeting (TBC, 2021)

Links / synergies with other initiatives

Specific synergies with EU project activities at scientific, technical, operational, data management, ocean literacy, dissemination, training, etc.

Alignment with Ocean Best Practices Initiative

Data management policy (GOOS, JCOMMOPS, OBP, Etc.)