

Rutgers glider meeting:  
Oceanids Command and Control (C2) data processing  
BODC DAC status  
SeaDataCloud activity

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# Overview

1. Oceanids Command and Control (C2) data processing
2. BODC and its status as a glider DAC
3. SeaDataCloud activity related to ocean gliders





# Oceanids Command and Control (C2) data processing

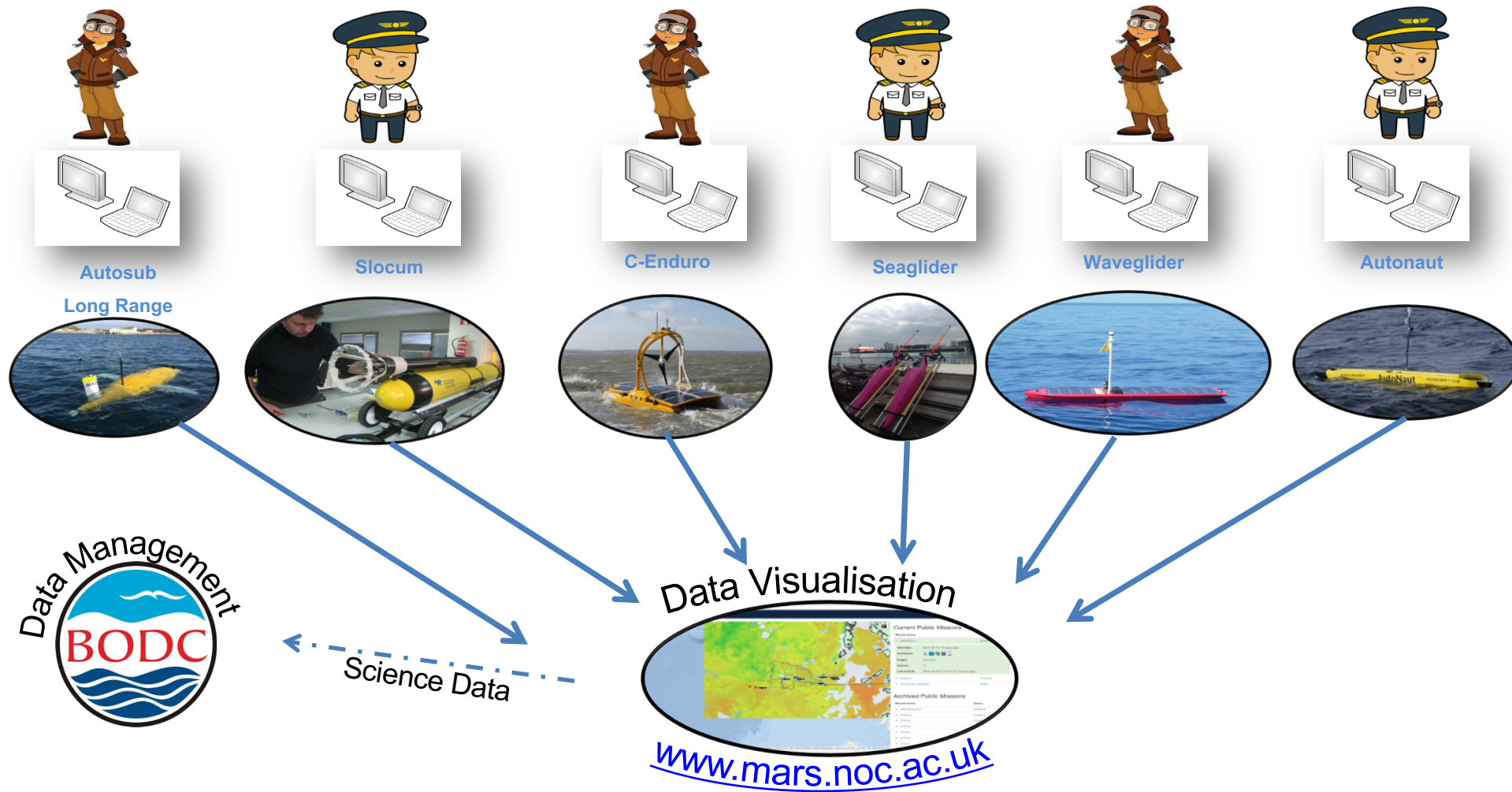


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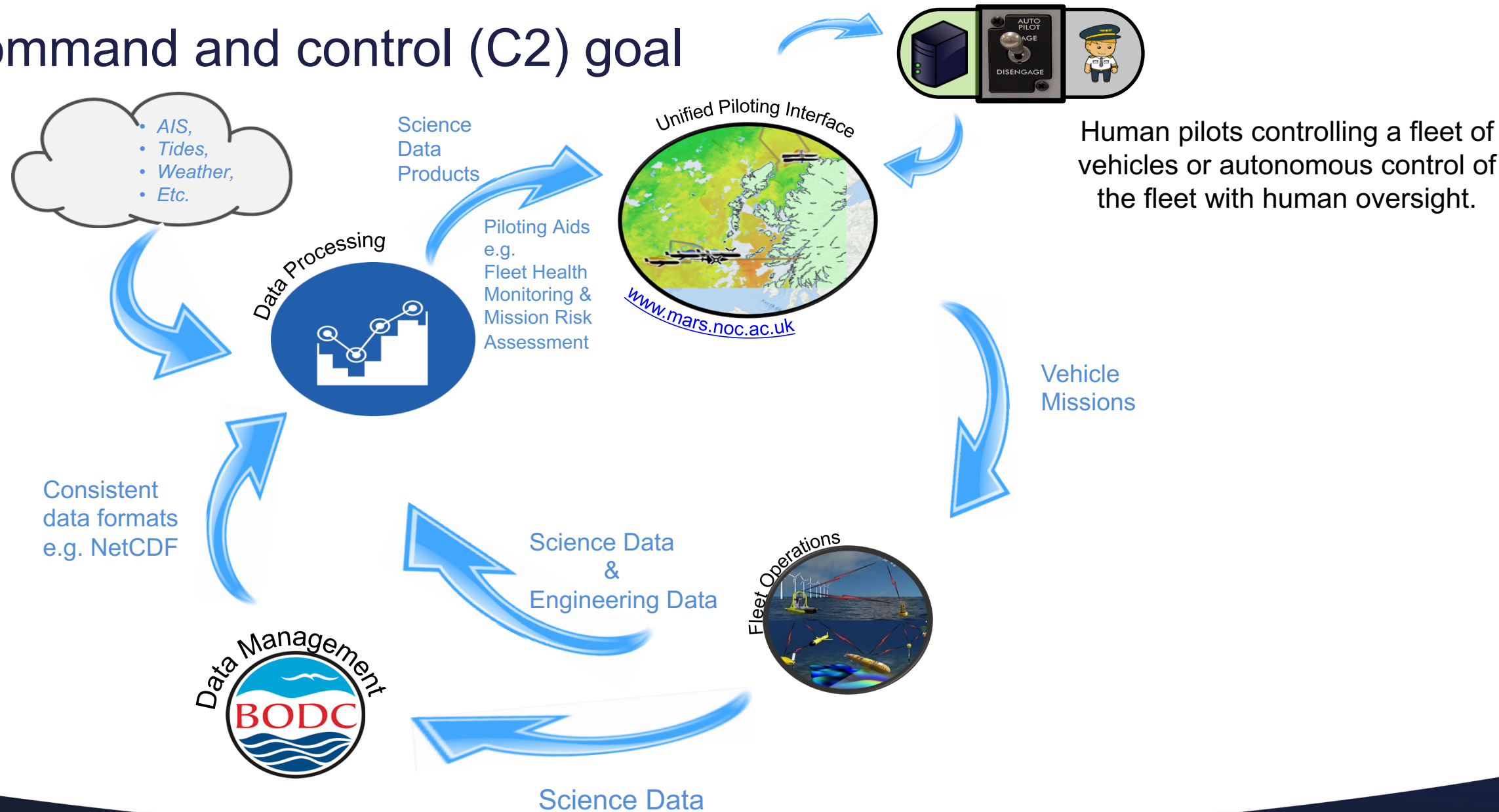
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# Management of long range fleet operations





# Command and control (C2) goal



# Oceanids C2 data system development status

Data version	Achievements	Status	Gaps in capability
Real time	<ul style="list-style-type: none"><li>• Used in NRT for the production of EGO NetCDF on NOC and SAMS projects</li><li>• Real time submission of data to the GTS</li></ul>	<ul style="list-style-type: none"><li>• Current development is focusing on the hardening of the system.</li></ul>	<ul style="list-style-type: none"><li>• Application of RTQC</li><li>• Phase/profile code</li><li>• RT submission to GDAC</li><li>• Extend to UEA and BAS</li><li>• GTS BUFR format</li></ul>
Recovery	<ul style="list-style-type: none"><li>• Revised system and workflow planned to handle recovery version of data</li></ul>	<ul style="list-style-type: none"><li>• Awaiting development sprint in June to implement new workflow</li></ul>	<ul style="list-style-type: none"><li>• Same as real time</li></ul>
Delayed mode	<ul style="list-style-type: none"><li>• Work pending</li></ul>	<ul style="list-style-type: none"><li>• BODC have example datasets from UEA, NOC and SAMS that can inform the EGO working groups</li></ul>	<ul style="list-style-type: none"><li>• No processing for delayed mode data yet, we are keen for the EGO working groups to produce best practices for guidance on priorities.</li></ul>



# BODC EGO DAC status



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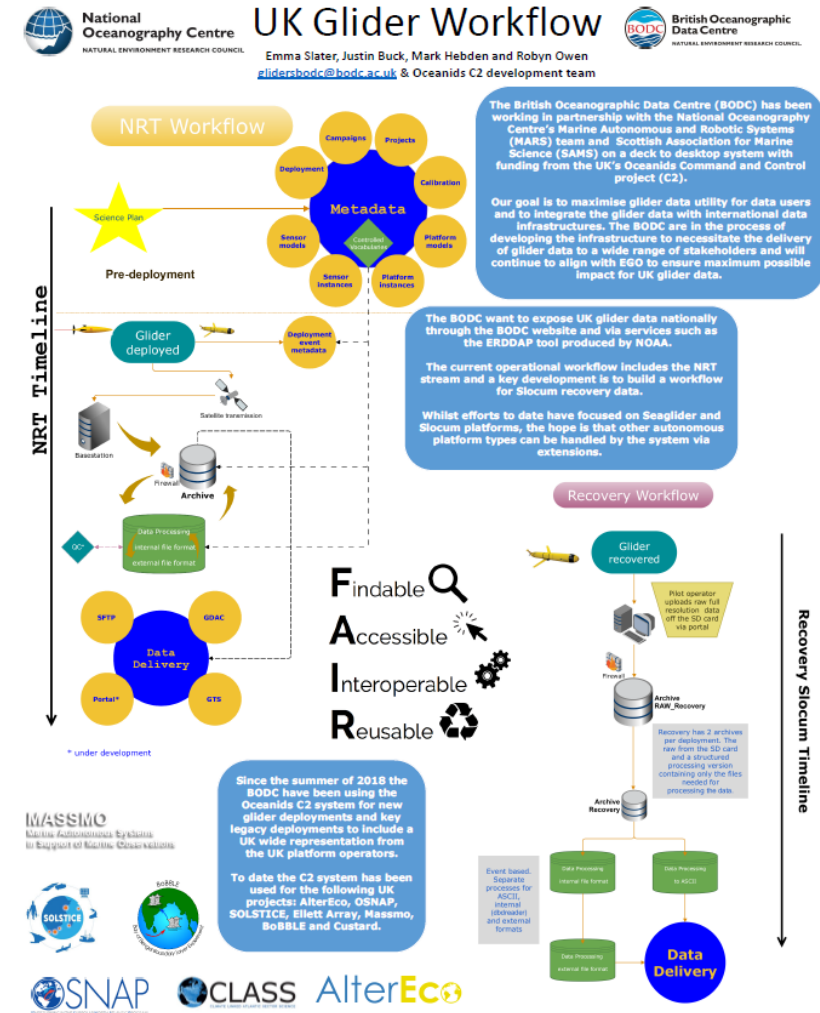


# BODC glider DAC

Poster by Emma Slater presented last night.

The poster is available for download from the BODC website:

[https://www.bodc.ac.uk/about/outputs/brochures\\_and\\_posters/documents/ukglider2019.pdf](https://www.bodc.ac.uk/about/outputs/brochures_and_posters/documents/ukglider2019.pdf)

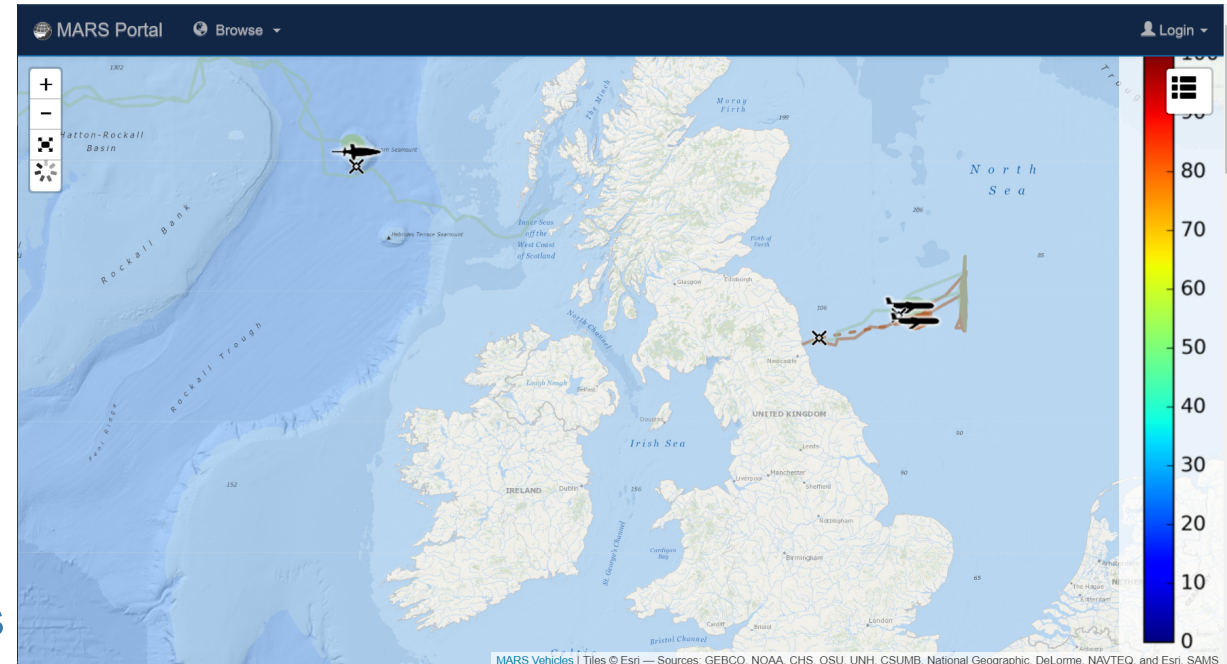


# Recent DAC achievements since Genoa meeting

Transitioning partners to a new API based data submission with automated EGO NetCDF file production.

Real time production of EGO:

- AlterEco
- MASSMO 5
- Ellett Array & OSNAP (recent)



EGO production for high priority legacy deployments

- BoBBLE
- OSNAP

EGO files submitted manually to GDAC



# SeaDataNet/SeaDataCloud activity



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# SeaDataNet overview

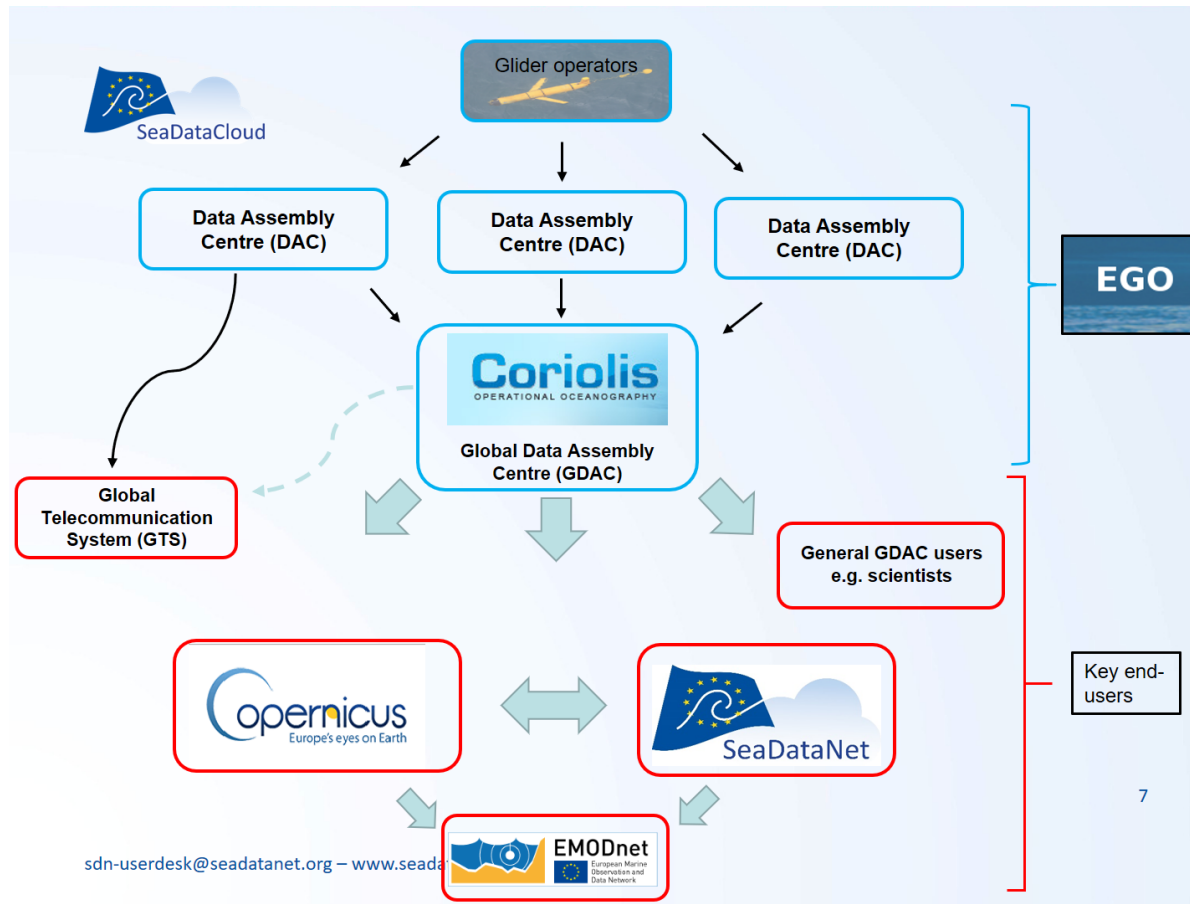


A pan-European infrastructure set up and operated for managing marine and ocean data in cooperation with the NODCs and data focal points of 34 countries bordering the European seas

90s	Metadata directories Medar/MedAtlas
2002-2005	Sea-Search (FP5)
2006-2011	SeaDataNet (FP6)
2011-2015	SeaDataNet II (FP7)
2016-2020	SeaDataCloud (H2020)

<https://www.seadatanet.org/>

# D9.14: SeaDataNet data management protocols for glider data



Deliverable will cover:

- Review of stakeholders
- How data value chain connects in Europe
- The use of controlled vocabularies
- Open versus closed data
- Technologies and standards for (meta)data delivery (ERDDAP, FAIR, etc)

# Summary

The BODC DAC is developing and making progress

- Production and submission to EGO of high priority historic glider deployments
- We are keen to understand what the next highest priorities are
- BODC have representation across the OG data working groups
- We are working on the flow of glider data within Europe

That was a very brief overview of BODC activity. Emma, Alvaro and myself are at this meeting and would be happy to provide more detail and discuss further.





# Questions



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