

European Data Management Workshop

5th July 2022

**The distributed data infrastructure in Europe (National DAC, GDAC) in the
context of EuroGOOS GTT and GROOM RI ?**



These projects have received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 951842 and No 862828



Agenda

- 🔗 Introduction: GROOM FP7 outcome and Status (Victor Turpin)

- 🔗 Presentation from EU gliders data aggregators

 - 🔗 *SeaDataNet (Michèle Fichaud)*

 - 🔗 *EMODNET Physics (Antonion Novellino)*

 - 🔗 *Copernicus Marine InSitu Thematic Center (Sylvie Pouliquen)*

- 🔗 Discussion – 1h

 - 🔗 *The real time data infrastructure*

 - 🔗 *GTS delivery*

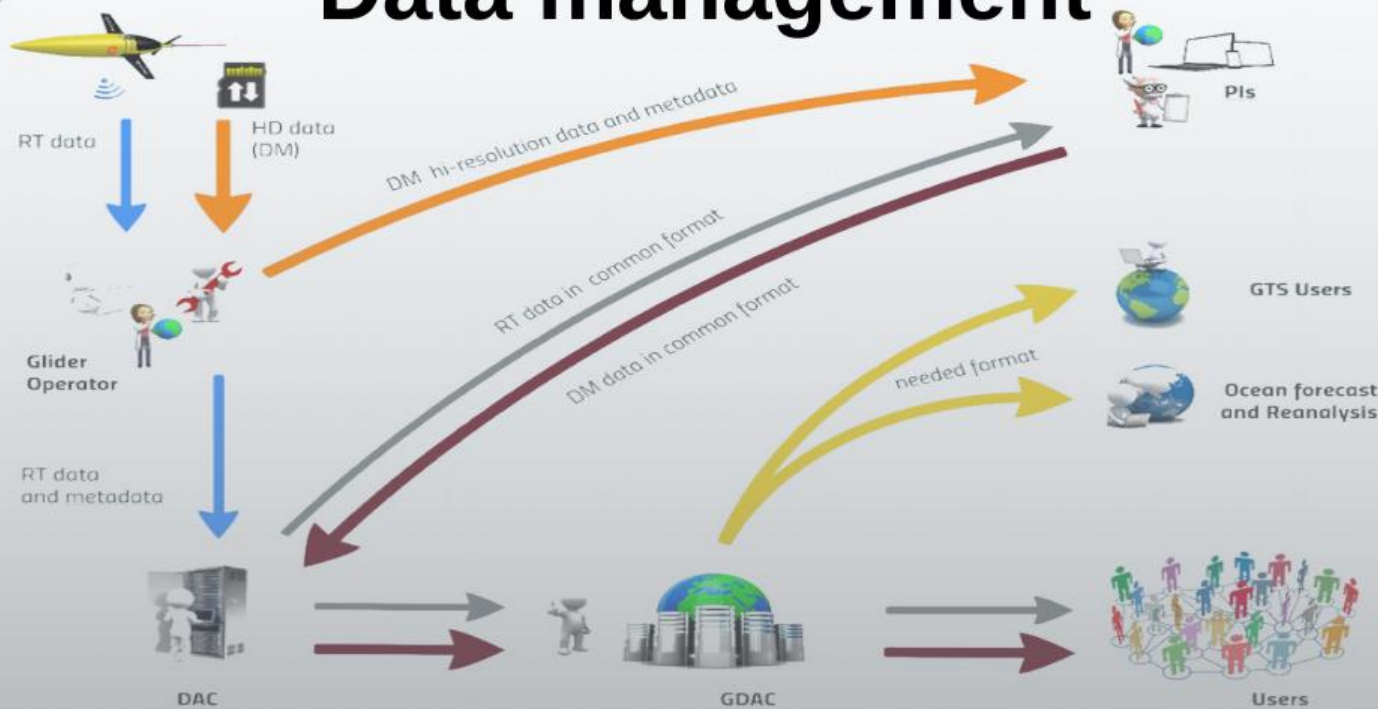
 - 🔗 *Delayed mode data*

 - 🔗 *Agreement from the stakeholders to review the road map*

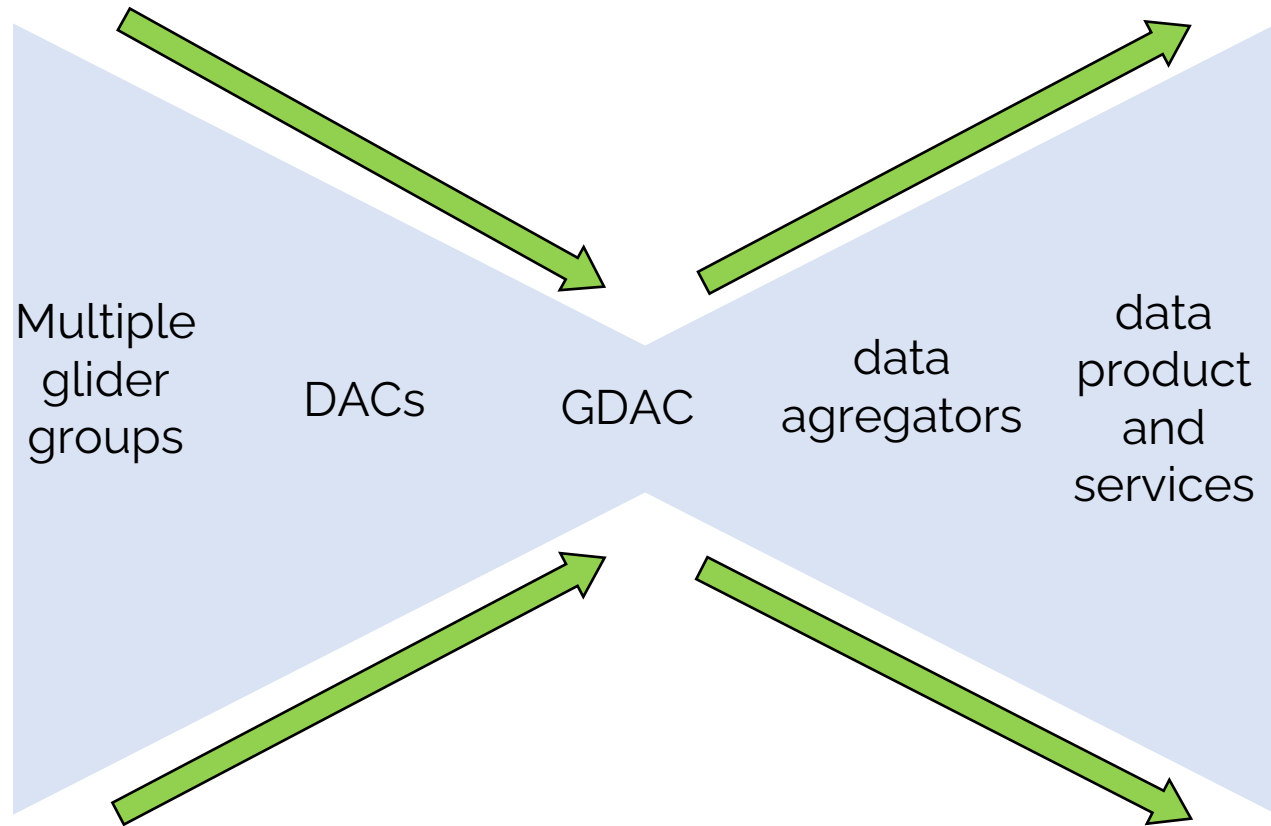
- Discuss the current glider data management infrastructure in Europe in the perspective of GROOM RI.
- Identify the gaps in the data infrastructure and clarify the role of each partner
- Engage in the data management road map for the GROOM RI

Objectives

Data management



GROOM FP7 outcome



The GROOM I Real Time Data Management
butterfly – D3.2 (GROOM FP7)

GROOM FP7 outcome

**GROOM RI
operators**

Multiple
glider
groups

DACs

GDAC

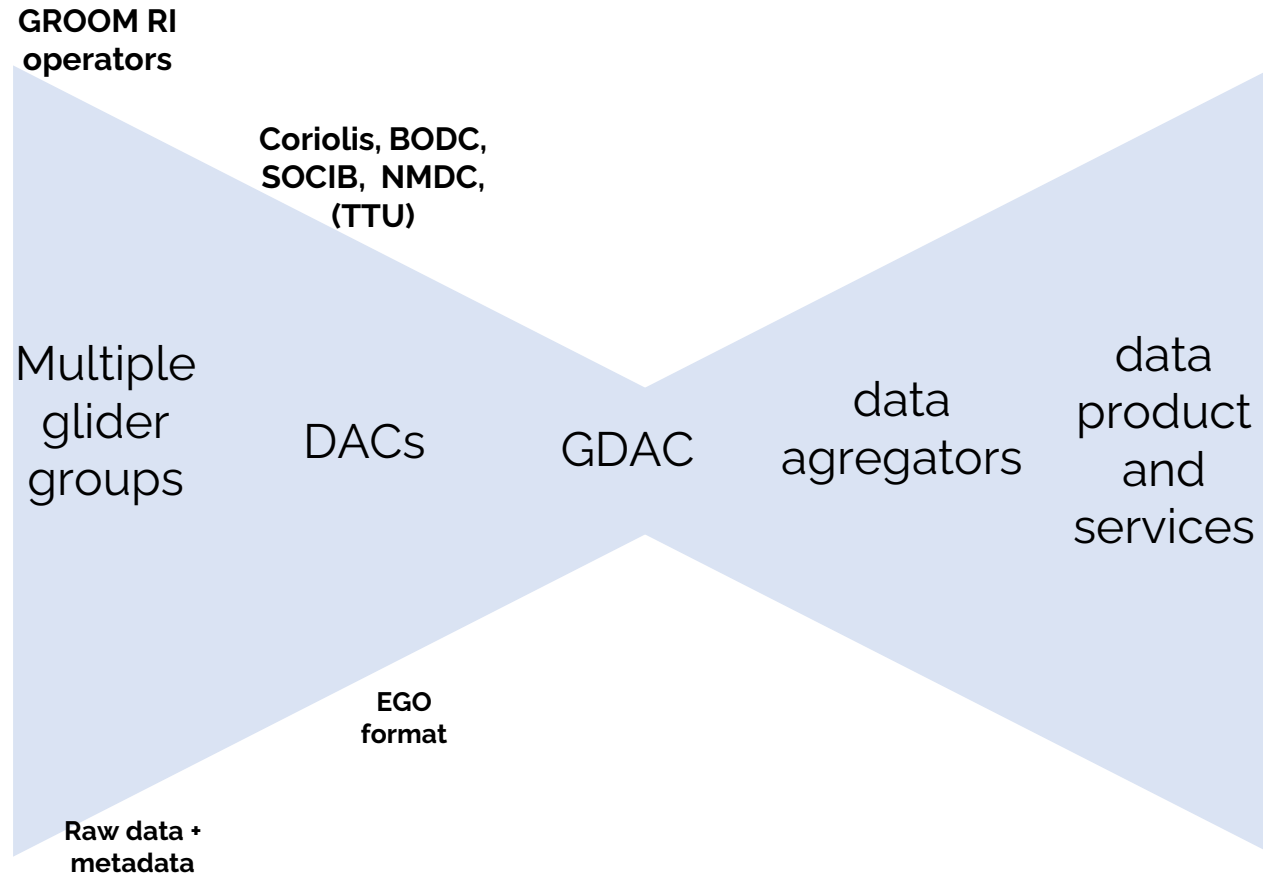
data
agregators

data
product
and
services

Raw data +
metadata

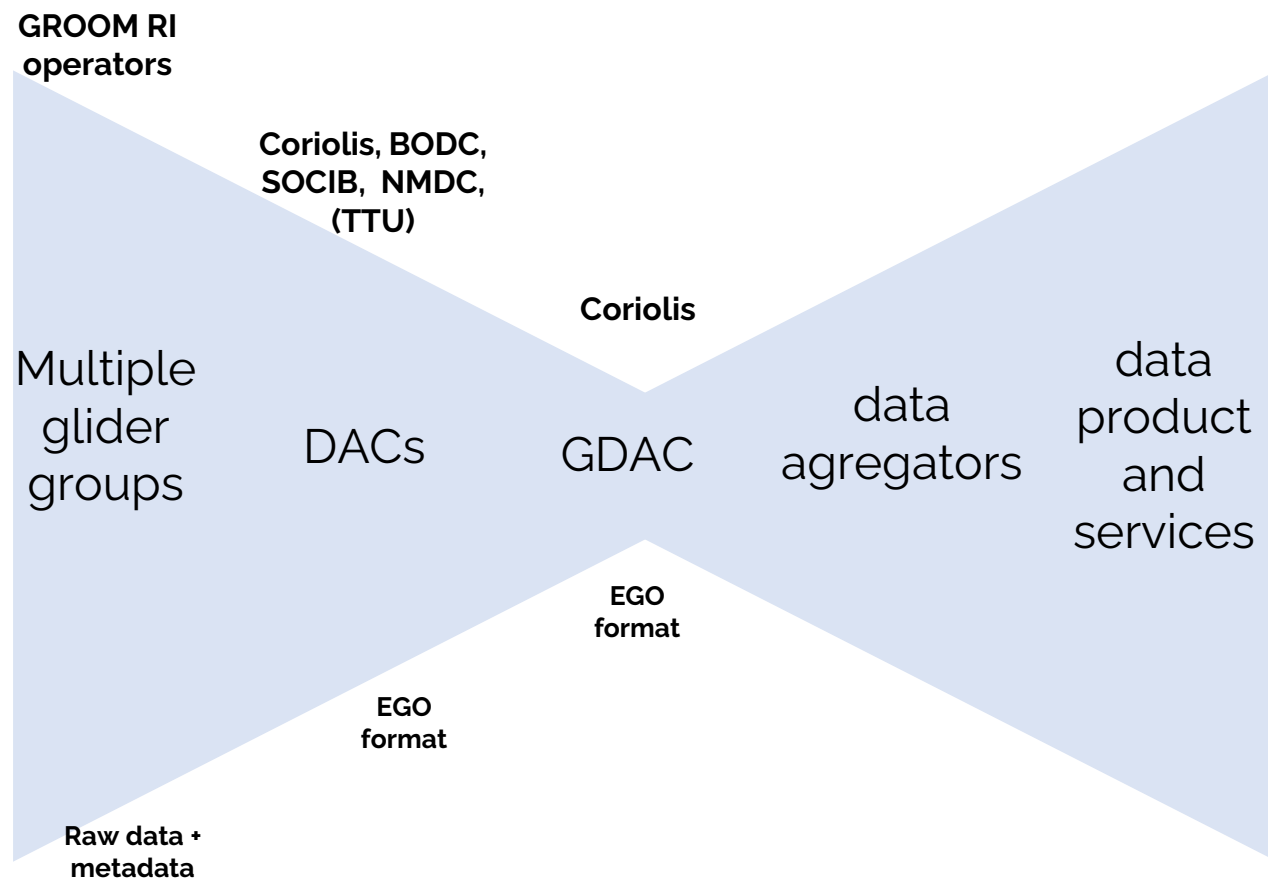
Real time data flow

The GROOM I Real Time Data Management
butterfly – D3.2 (GROOM FP7)



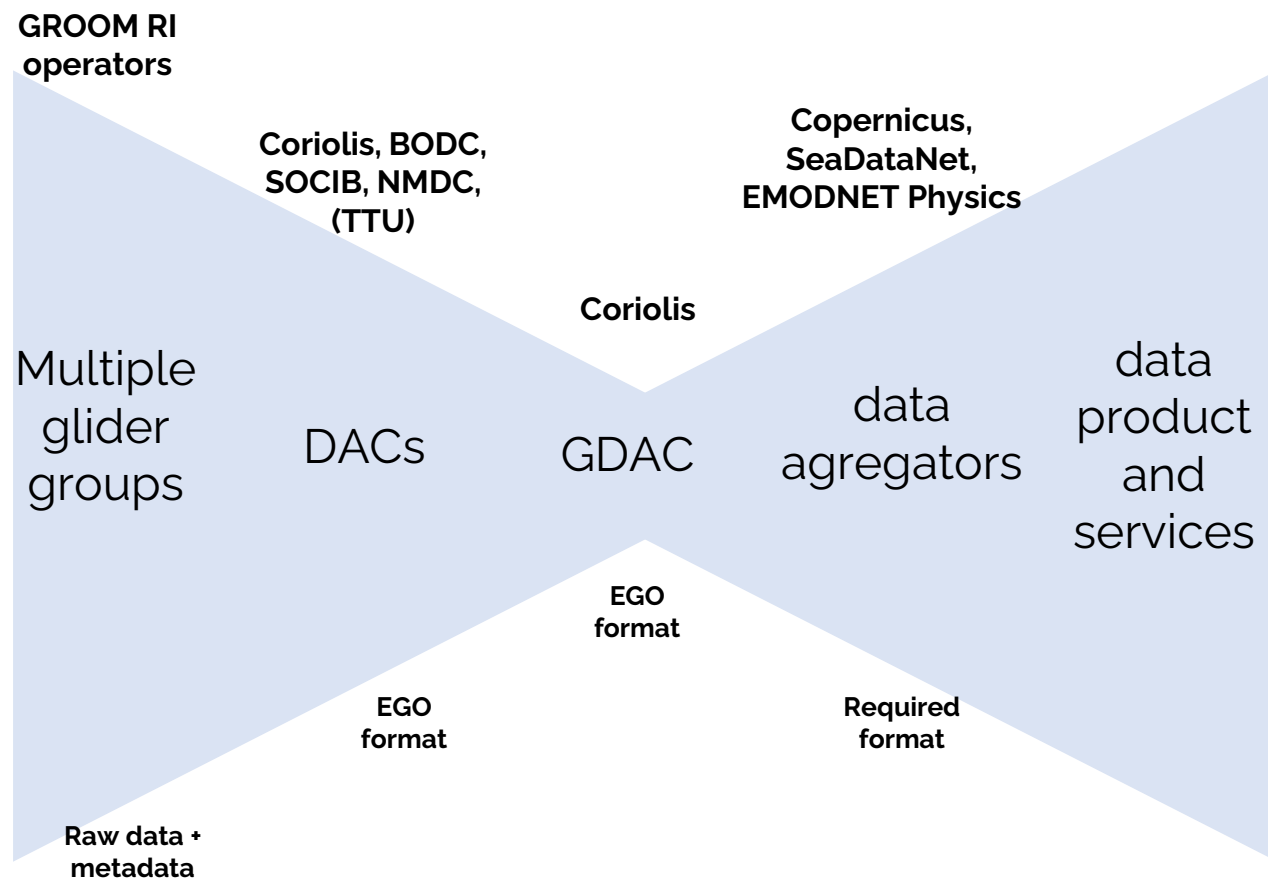
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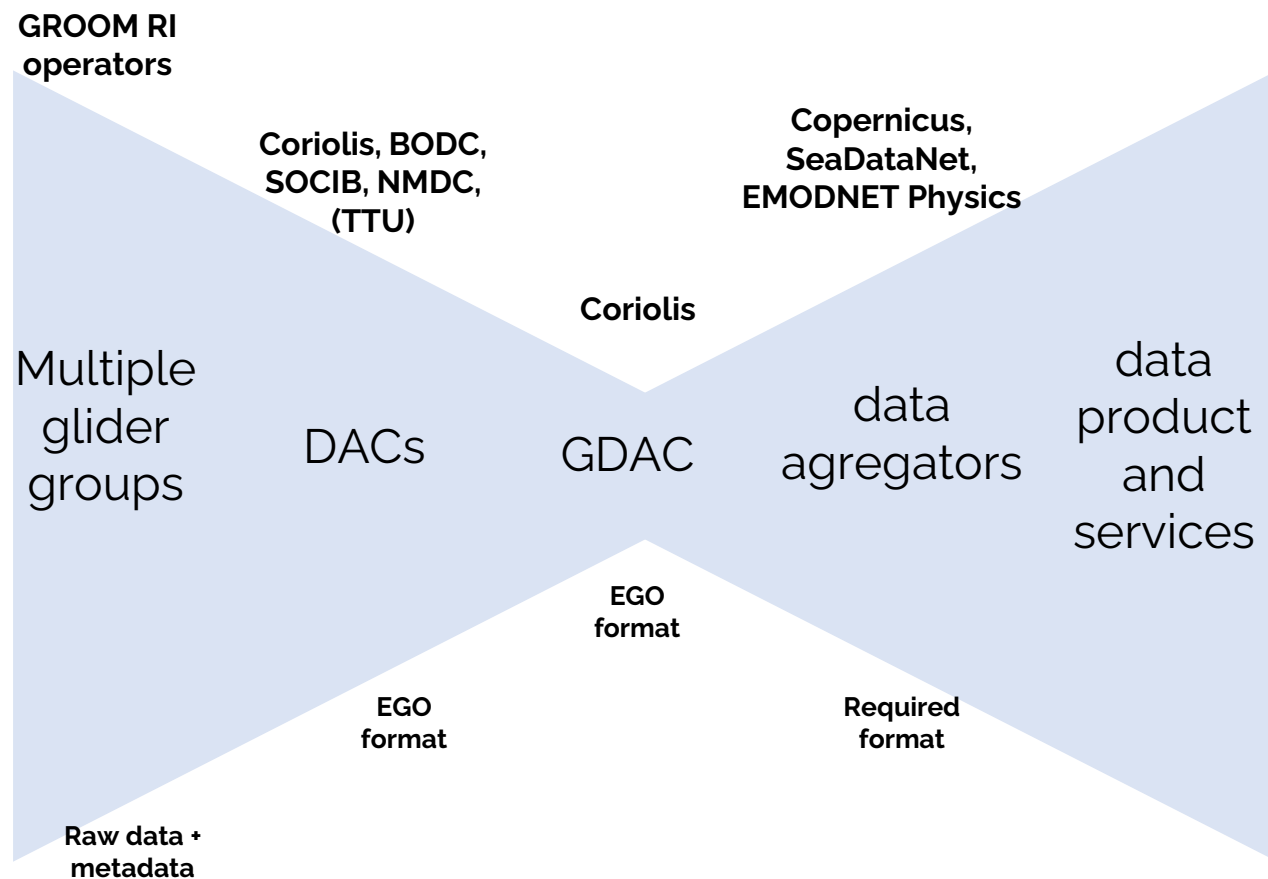
The GROOM I Real Time Data Management
butterfly – D3.2 (GROOM FP7)

Real time data flow



The GROOM I Real Time Data Management butterfly – D3.2 (GROOM FP7)

Real time data flow



The GROOM I Real Time Data Management butterfly – D3.2 (GROOM FP7)

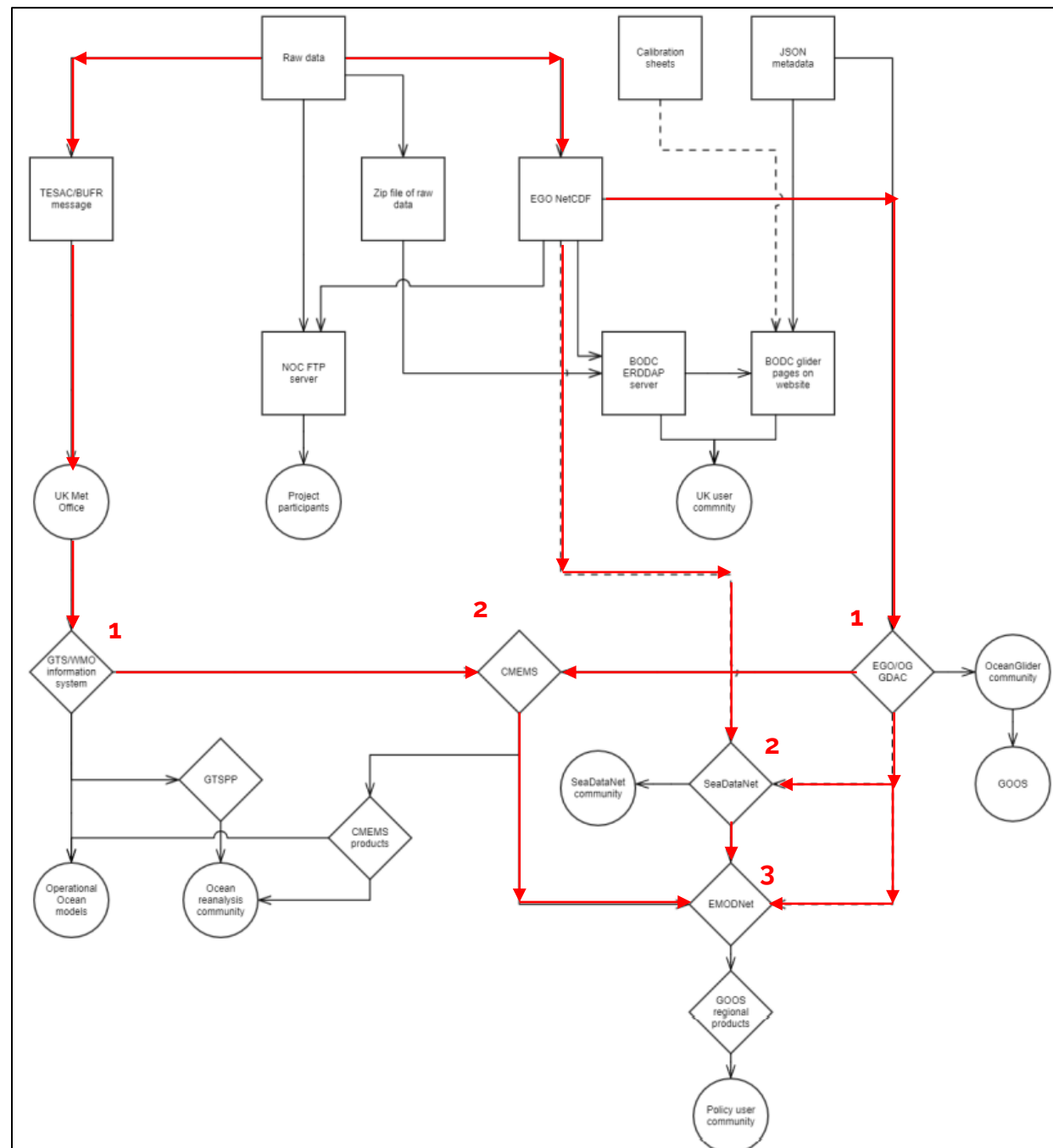
Real time data flow

Simple scheme but some difficulties to « engage » with new partenars rapidly and sustainably ?

[illegible]

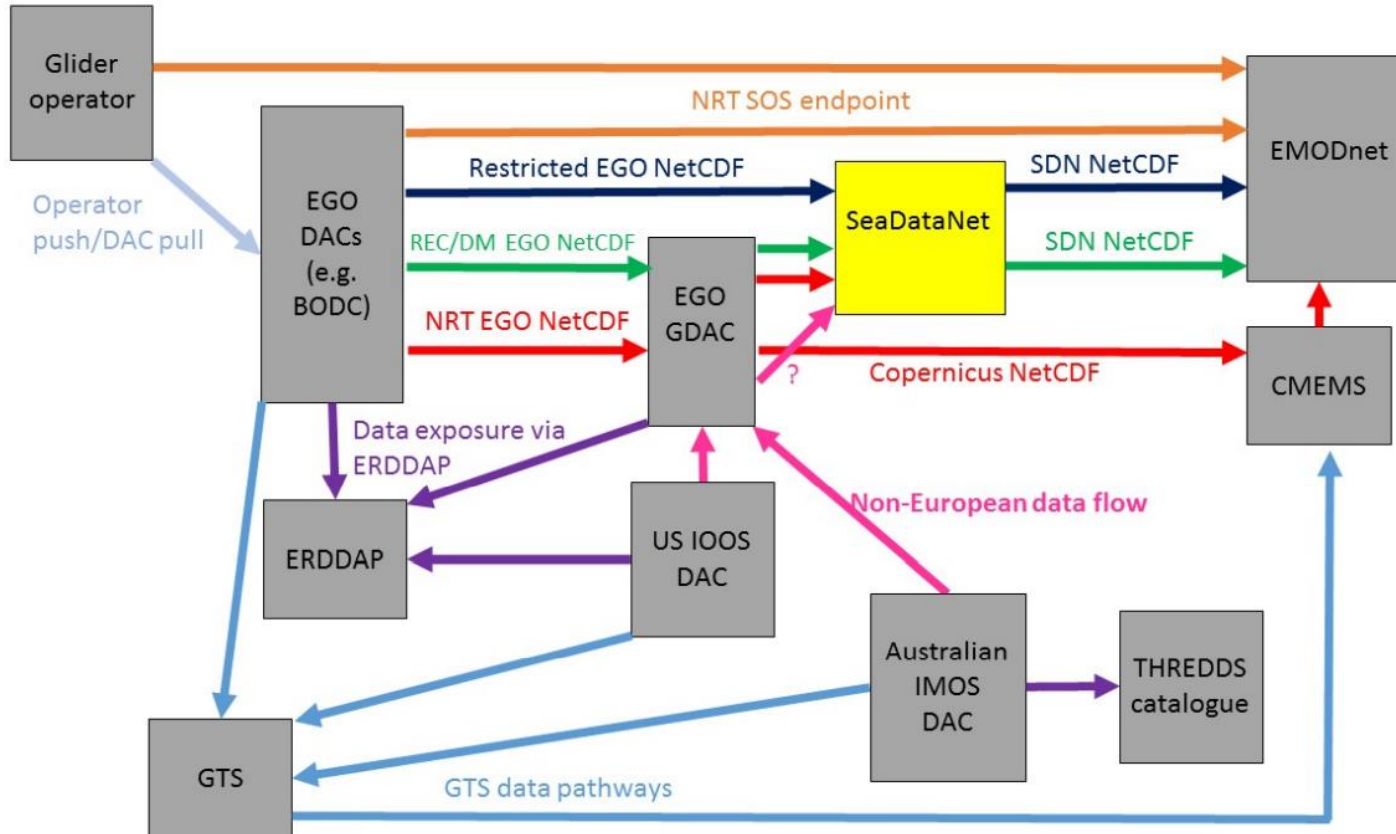
The “real” real time data flow

BODC-centric glider data flow



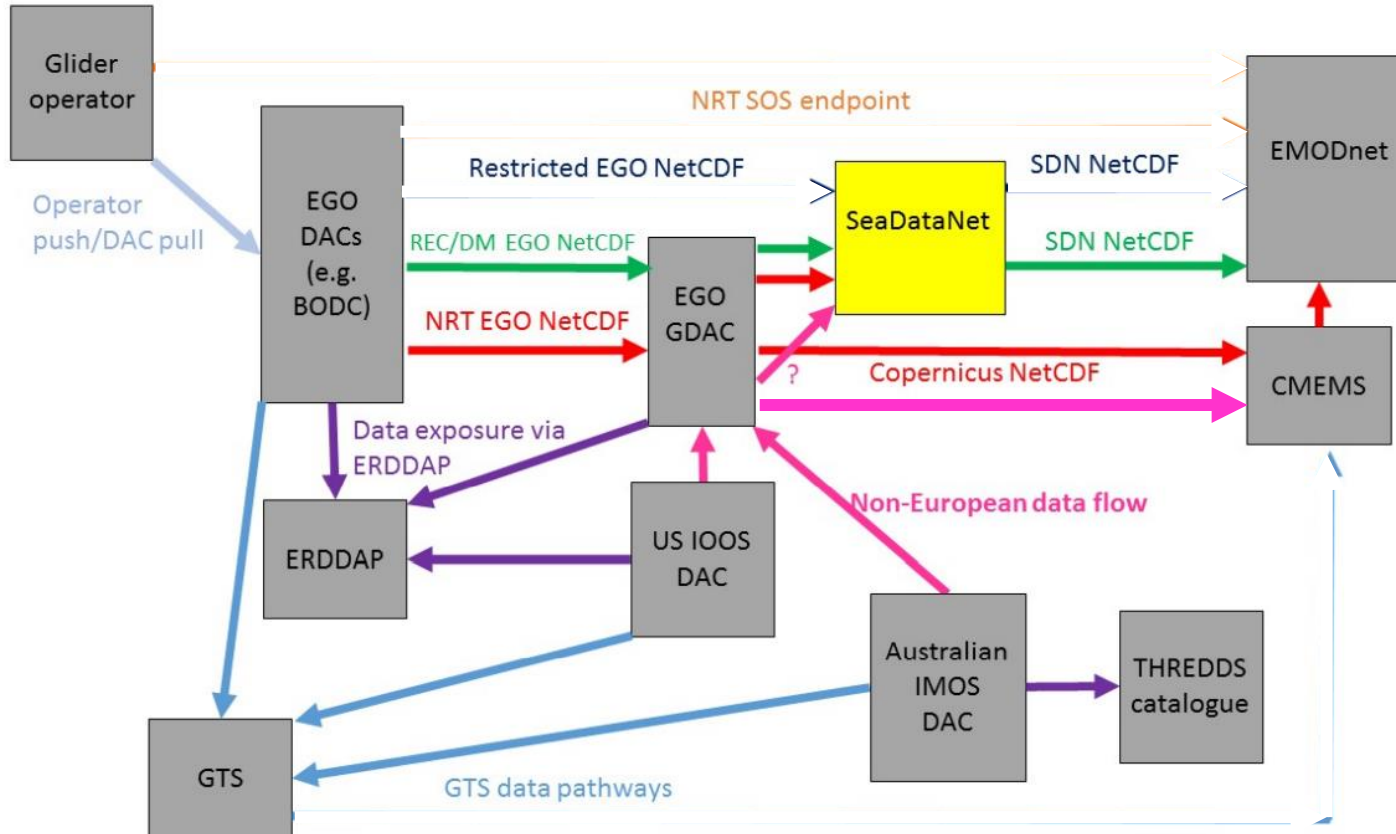
The “real” real time data flow

Europe-centric from SDN deliverable

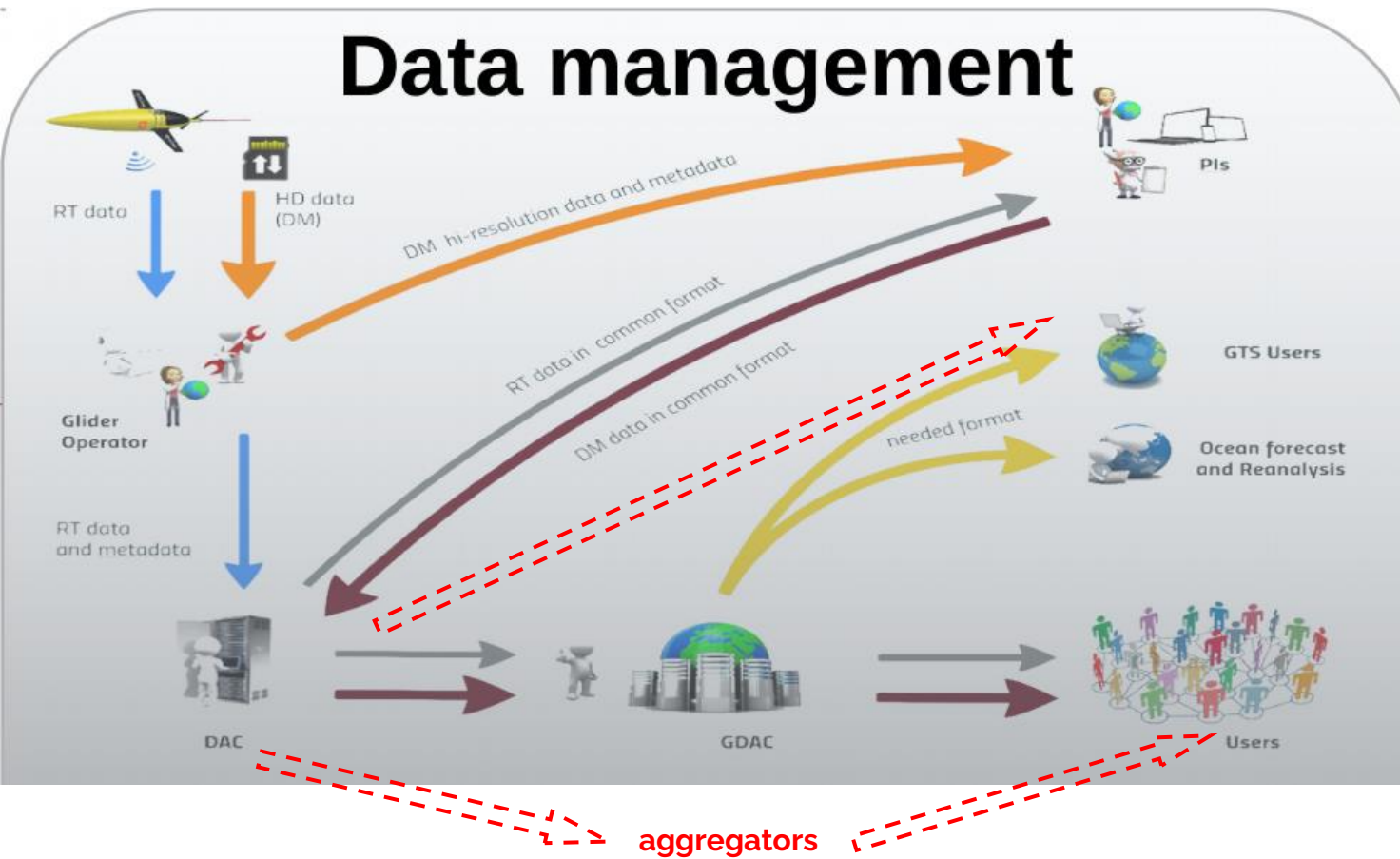


The “real” real time data flow

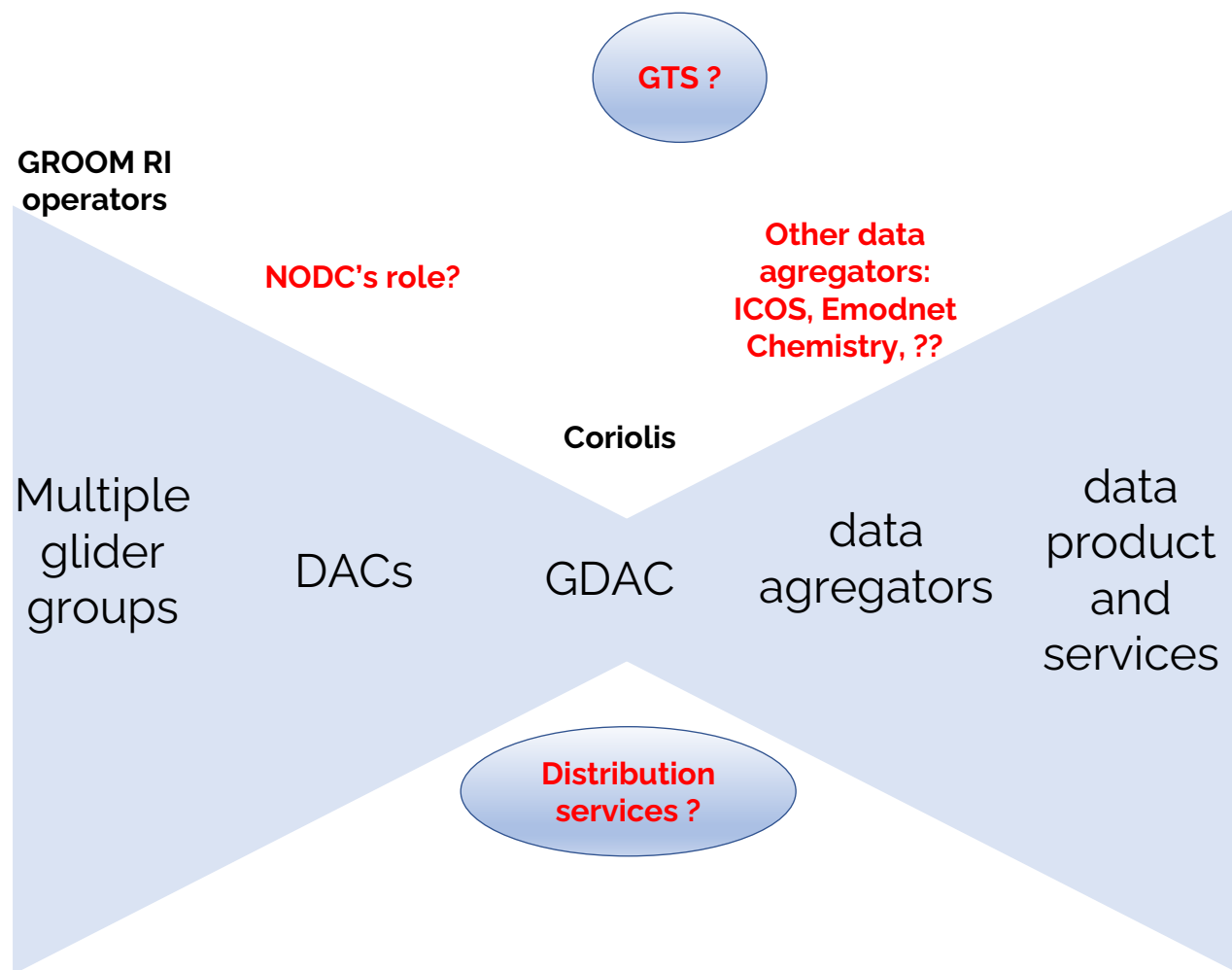
Europe-centric from SDN deliverable



The “real” real time data flow



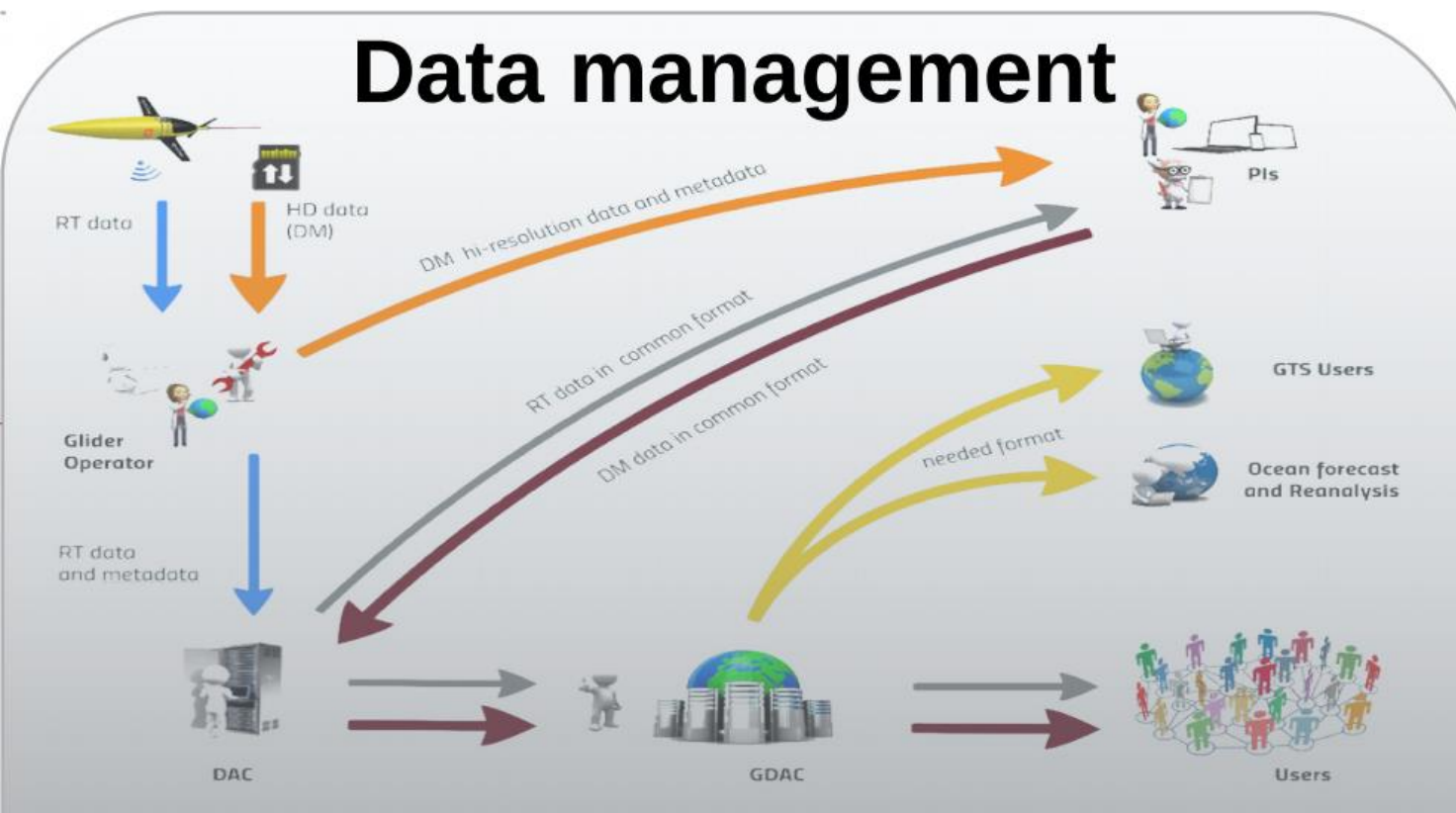
Real time data flow



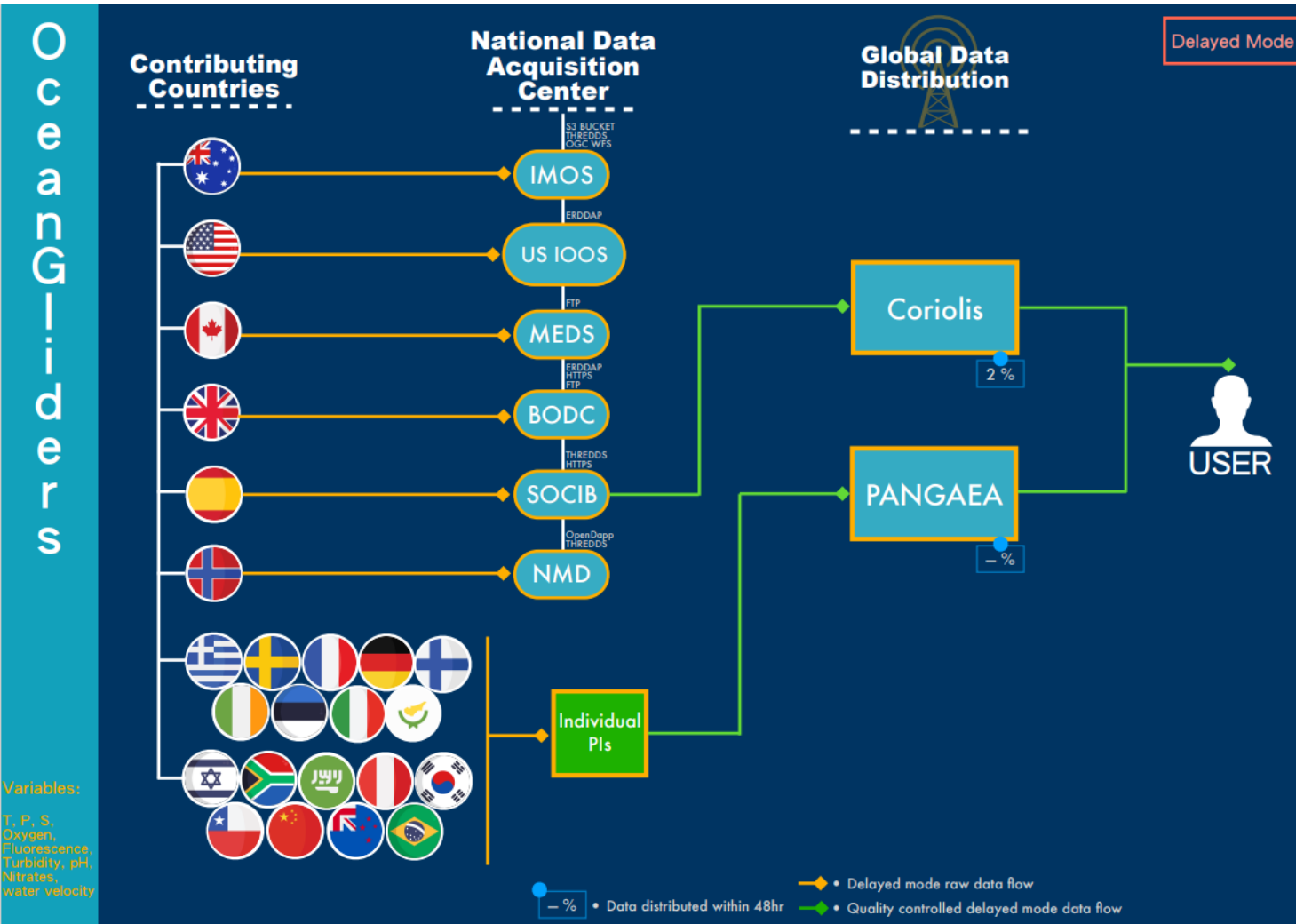
Real time data flow

How to converge to a unique « central portal » / « GDAC » / « distribution node » ?

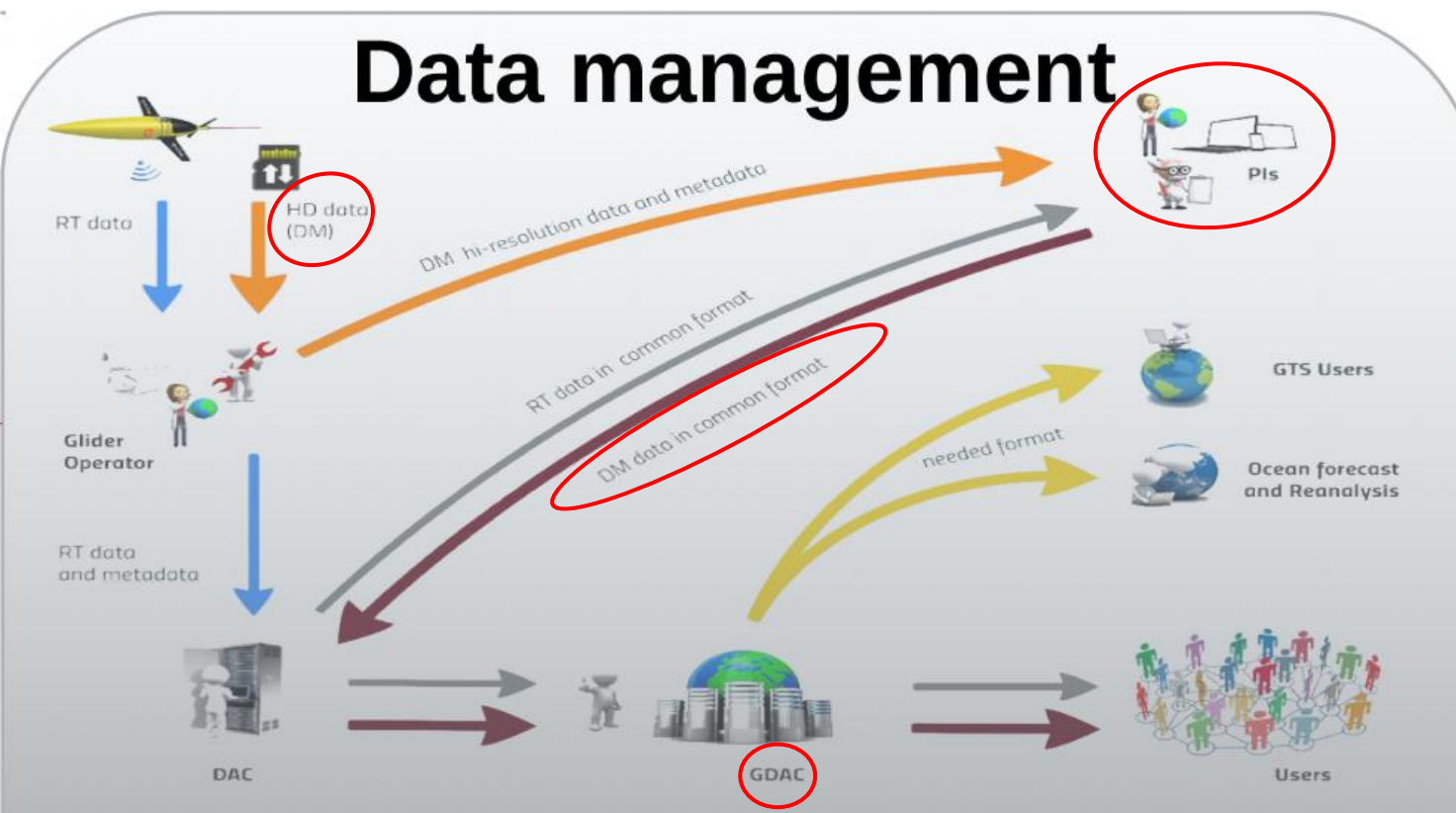
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butterfly – D3.2 (GROOM FP7)



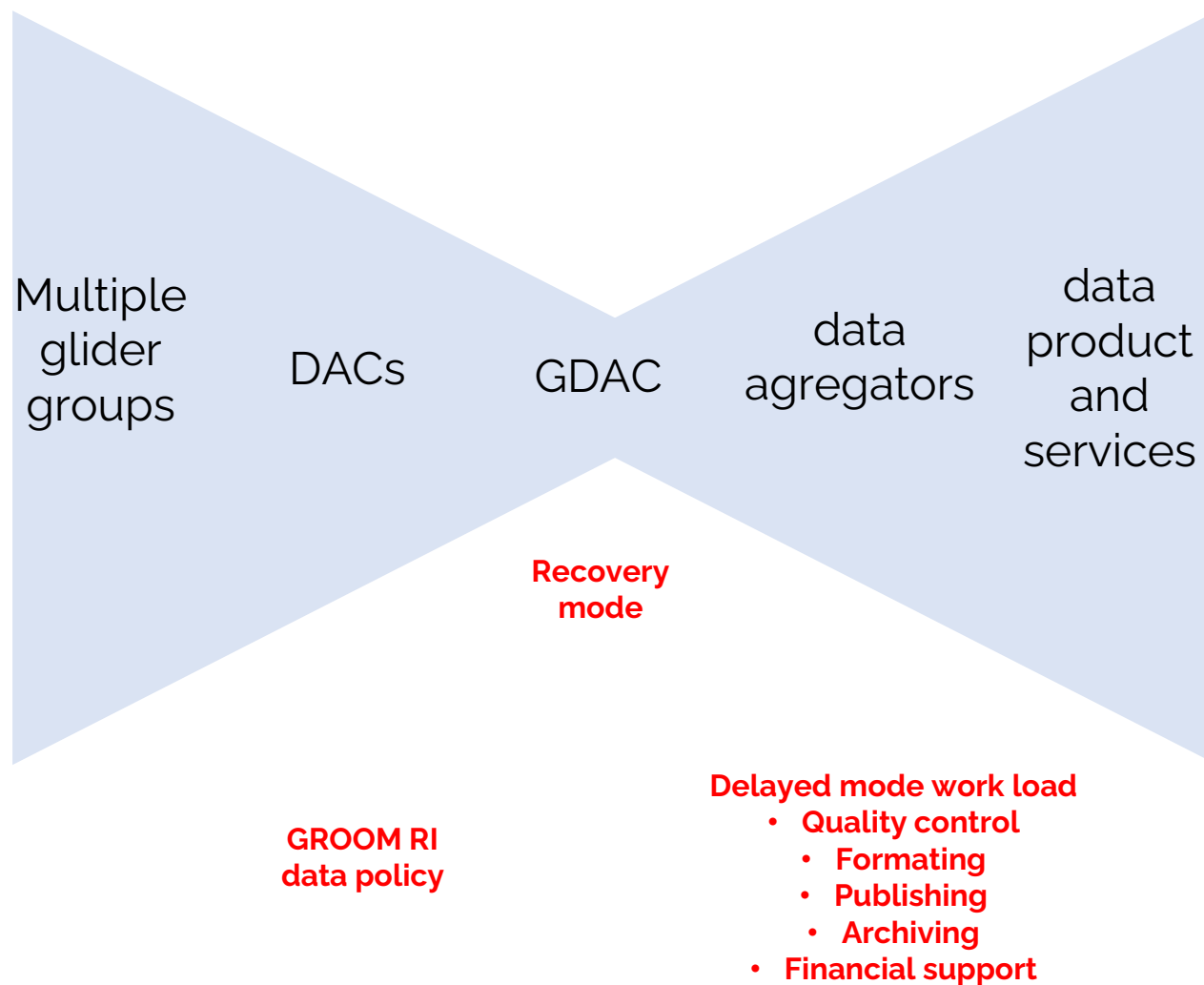
II. Delayed Time Data flow



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II. Delayed Time Data flow

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- Identify the gaps in the data infrastructure and clarify the role of each partner
- Engage in the data management road map for the GROOM RI.

Objectives of the meeting

For more information :

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