

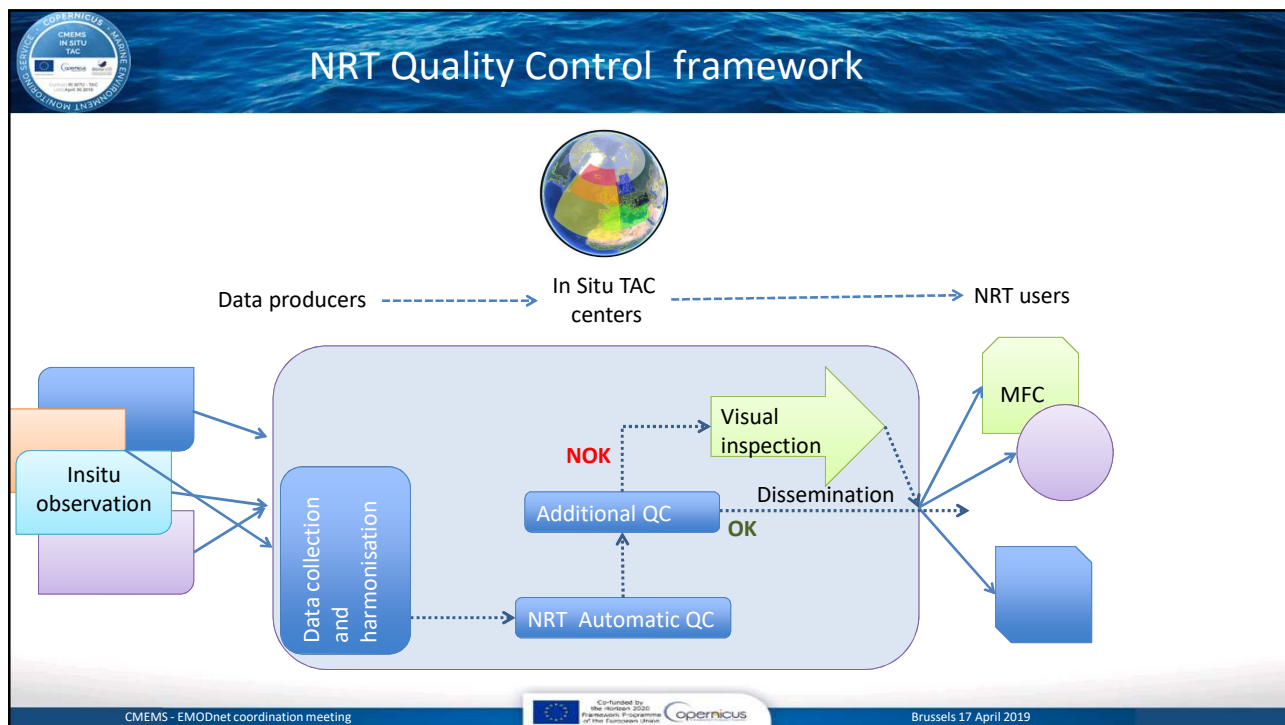
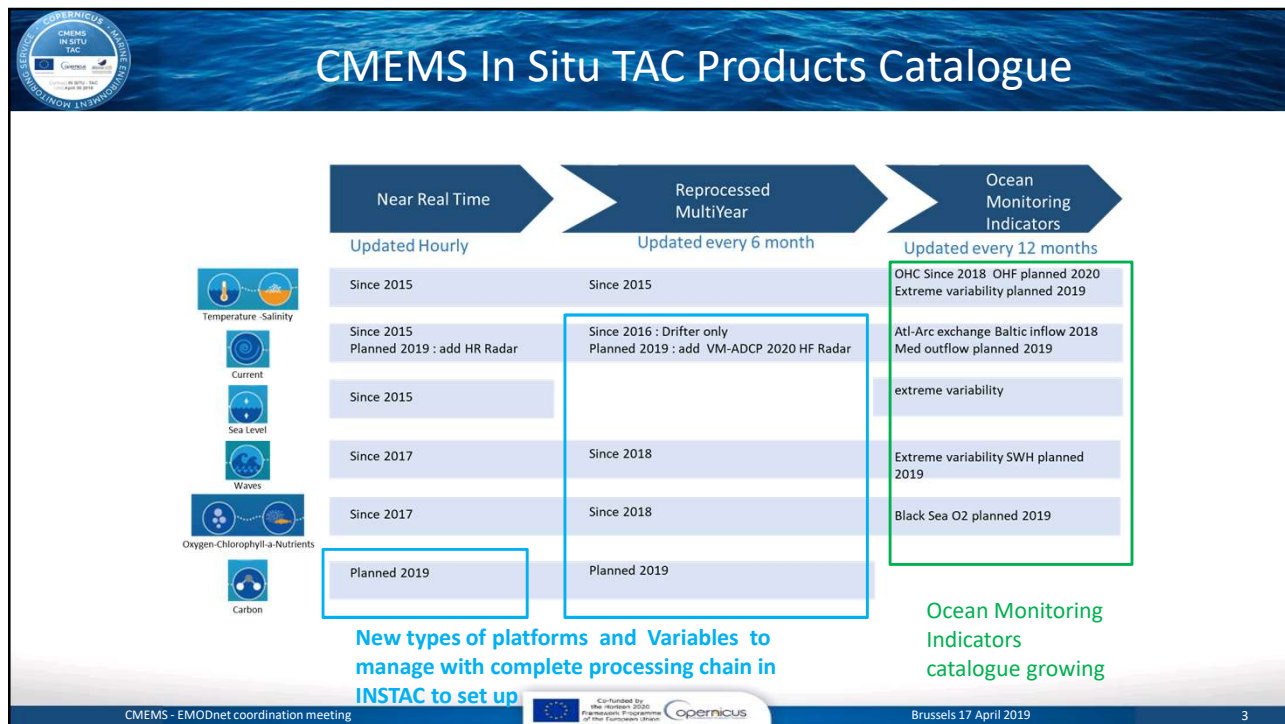


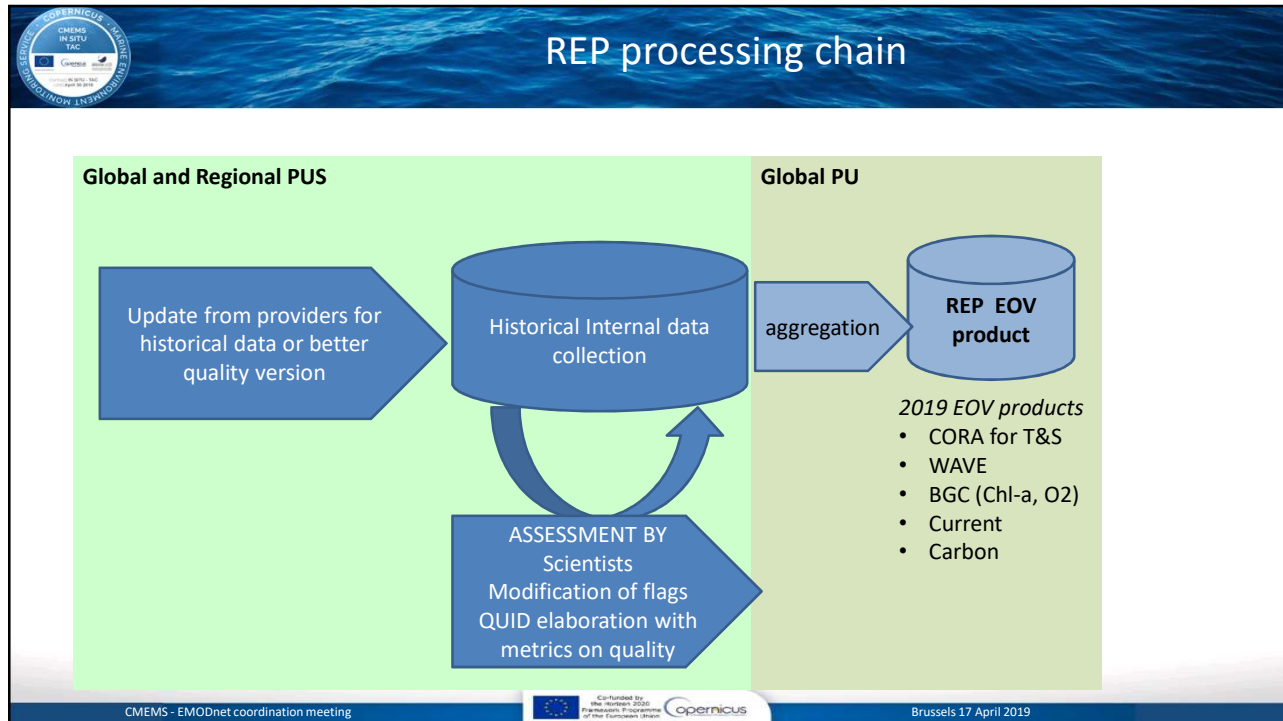
INSTAC and EMODnet

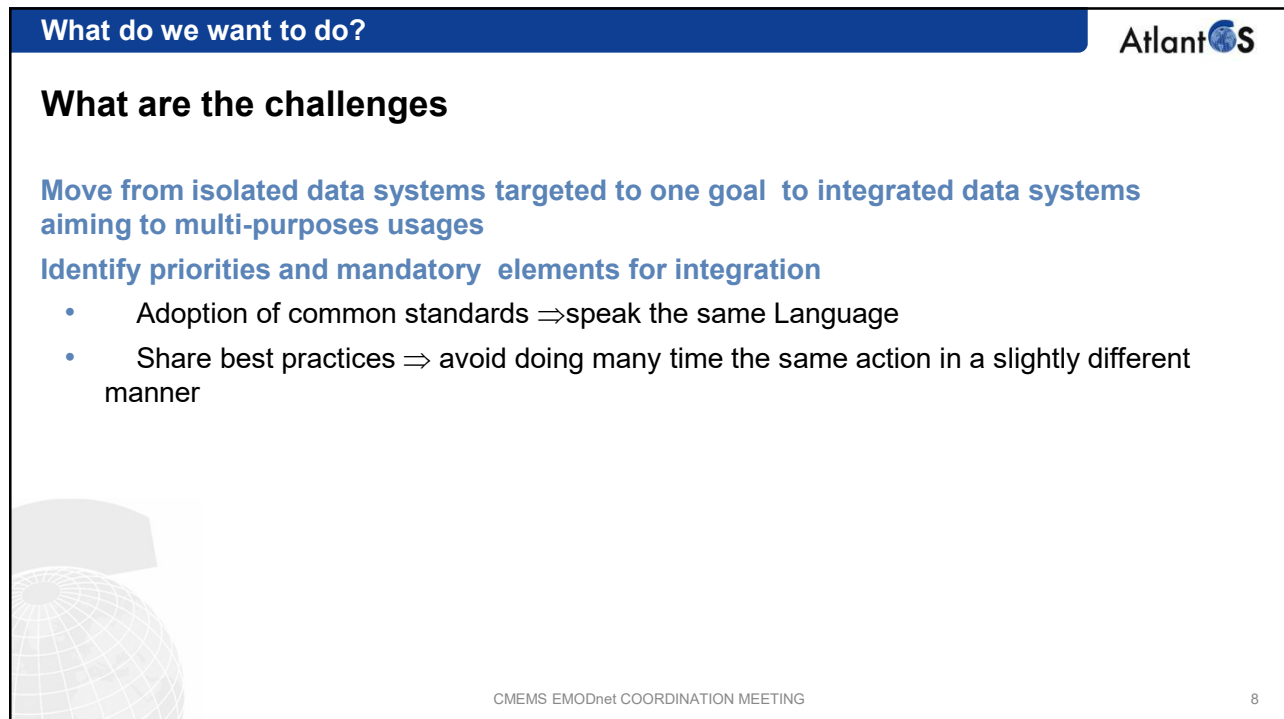
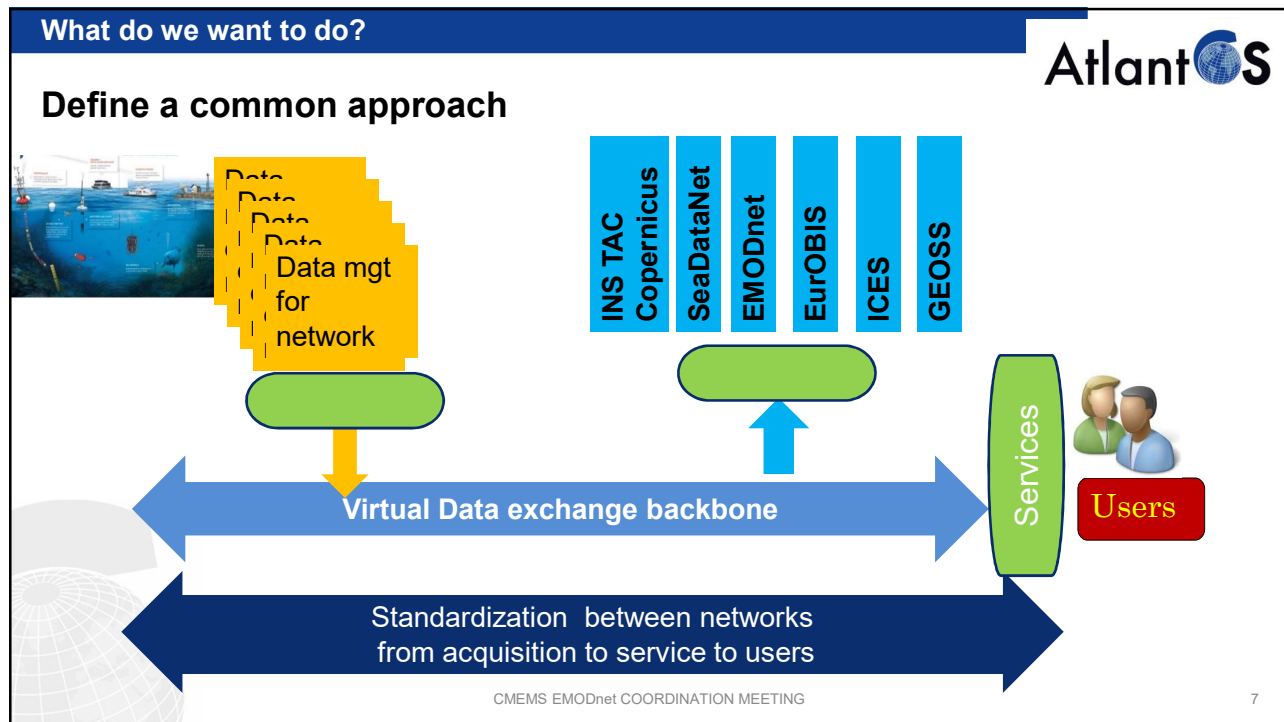
Brussels 17th April 2019



CMEMS INSTAC







What do we want to do?

What are the challenges

Move from isolated data systems targeted to one goal to integrated data systems aiming to multi-purposes usages

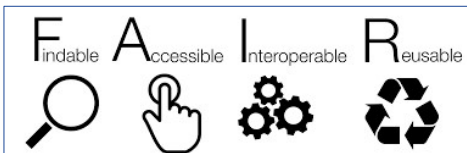
Identify priorities and mandatory elements for integration

- Adoption of common standards ⇒ speak the same Language
- Share best practices ⇒ avoid doing many time the same action in a slightly different manner

Step by Step approach

- identify priorities on Essential Ocean Variables that were measured by multiple networks

- Follow

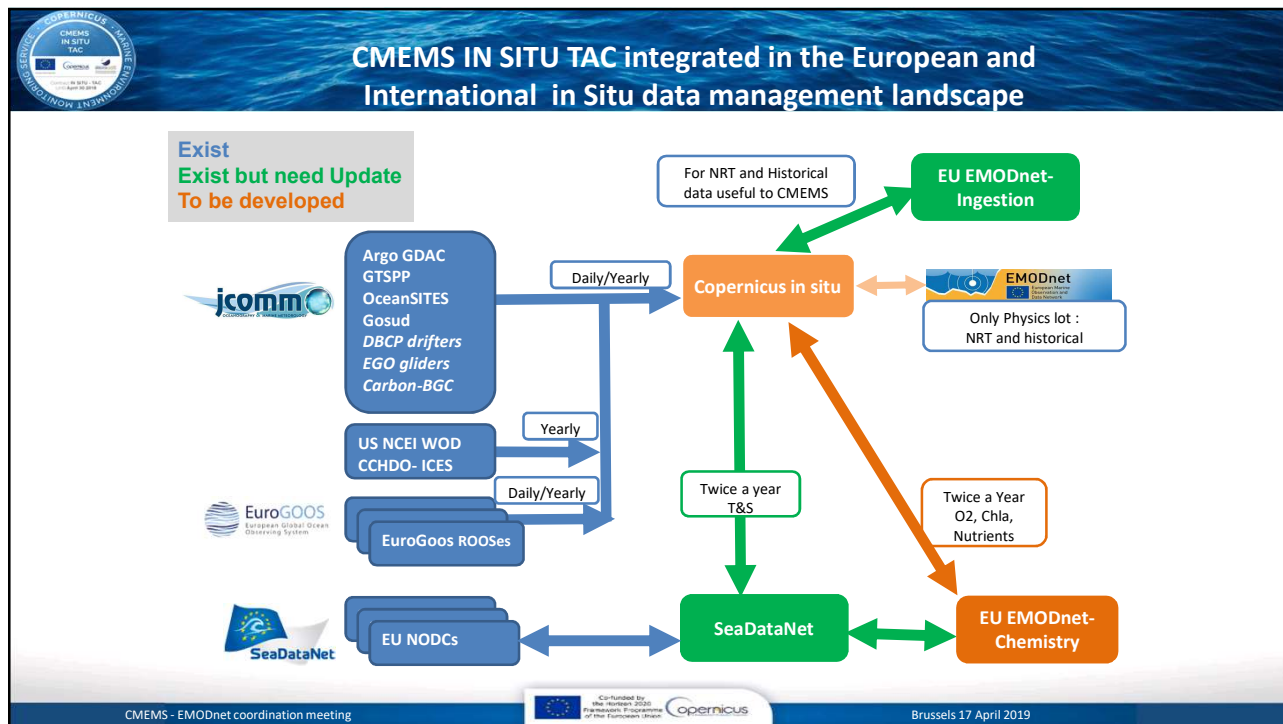


principles

9



INTERFACES AND COLLABORATIONS



INSTAC and EMODnet-Physics


- HF-Radar : NRT (04-19) and historical (04-20) data Integration implemented in INSTAC thanks to the preparatory work made in INCREASE(Service Evolution project) and EMODnet.
- [INSTAC viewing service](#) using EMODnet API (work on going)
- Unlocking access to data still to be continued
 - Important to work together on **new data stream integration** (What, How , Who)
 - Prepare **new variables aggregation** and define a common roadmap
- **Enhance monitoring and reporting tools** in partnership with JCOMMOPS and EuroGOOS (started in AtlantOS)

CMEMS - EMODnet coordination meeting

Co-funded by the Horizon 2020 Research Programme of the European Union

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INSTAC and EMODnet-Chemistry

- EMODnet-Chemistry build since 2008 qualified collections and products mainly on European seas on a wider range of variables
- CMEMS INSTAC need to prepare NRT (since 2017) and Historical products for BGC variables essential for ecosystem validation : Carbon(04 2019), Oxygen (11 2019), Chlorophyll (04 2019) and Nutrients (04 2020) pH (2020)
- The targeted users and timeline for product delivery are different but :
 - Collaboration on data collection aggregation would benefit both projects :
 - first exchange of data collection an identification of common data streams and differences
 - Agree on a common strategy fitting both projects requirements
 - Improvement of data quality assessment : a joint meeting will be organised this year for
 - Important to provide traceability of use of exchange data-stream from both projects
- Teaming up on relevant initiatives and projects that would benefit both CMEMS and EMODnet programs: started in ENVRI-FAIR , proposed in SeaDataCloud2 proposal

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CMEMS INSTAC and EMODnet

- A lot of progress have been achieved in past 10 years thanks to closer collaboration at European scale between in situ data infrastructures (informal collaboration though EuroGOOS DATAMEQ working group)
- Maturity of the different programs allows more efficient collaboration on standards and assessment methods as well as data aggregation necessary product development for end-user
- IT improvements will change the way users access to data/products but solid foundation in observation data management will always be essential to any product or interface development => important to team-up



You can easily share it but....
if it's fuzzy you cannot use it

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