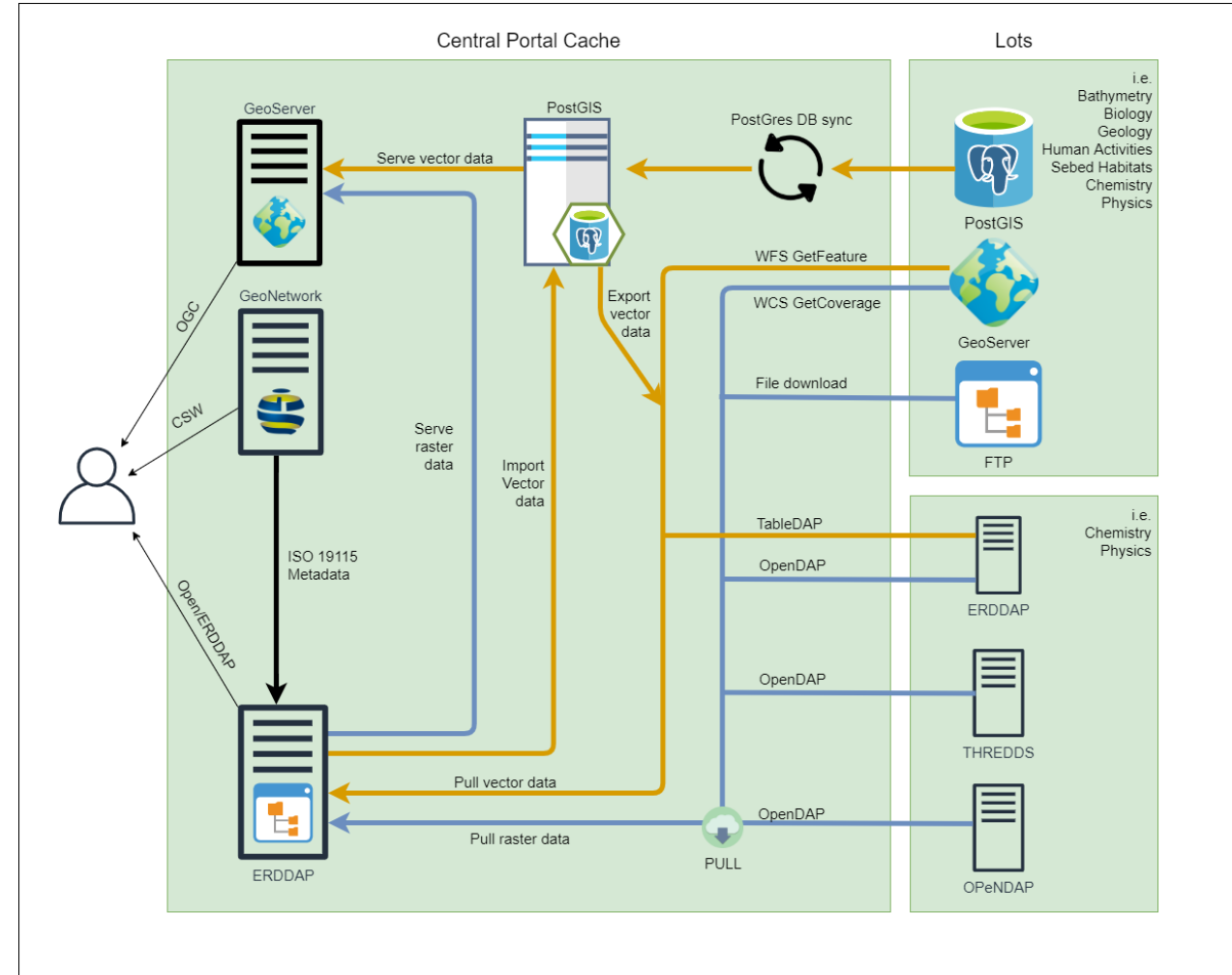# Centralisation process

10th EMODnet Technical Working Group
9 - 10th September 2021

Bart Vanhoorne
Joana Beja
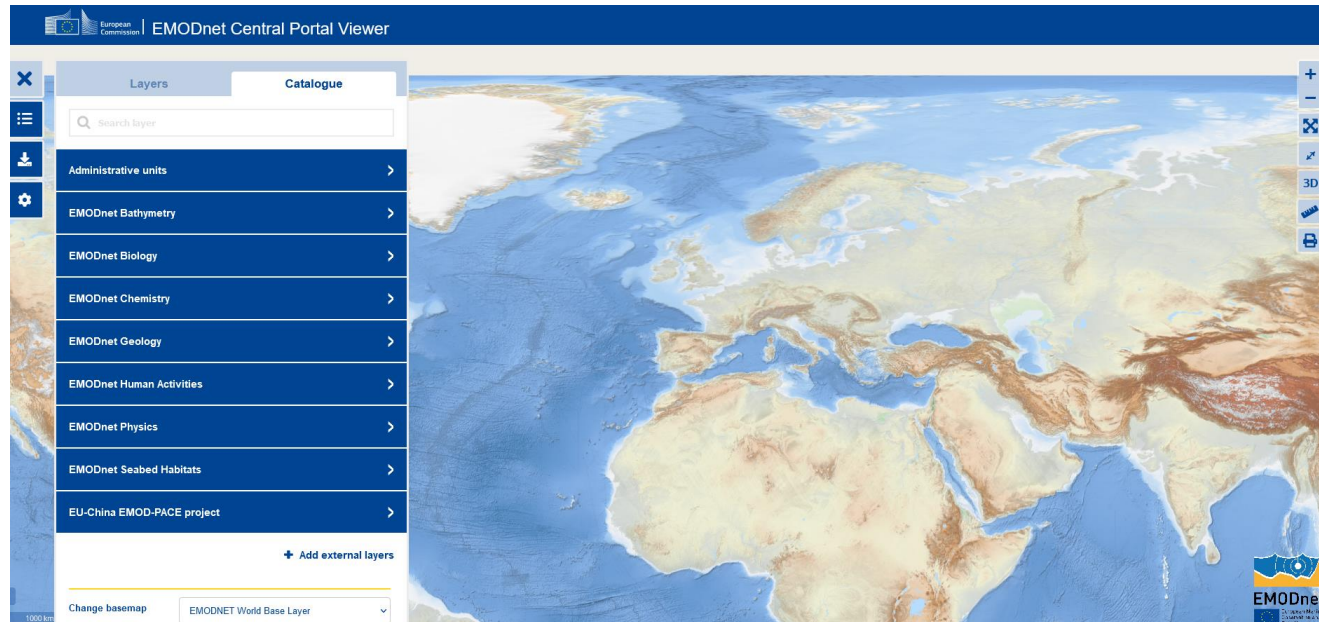Frederic Leclerq

Central Portal

Centralisation overview

- CINEA/DG MARE request in early 2020

- Aim: (meta)data, products thematic lots information stored and accessed via the Central portal (CP)

- Lots continue to perform the work as defined by the tenders + comply with necessary requirements to get meta/data/products on the CP

- Portals shutdown within 6 months of start of Phase IV contract (flexible)
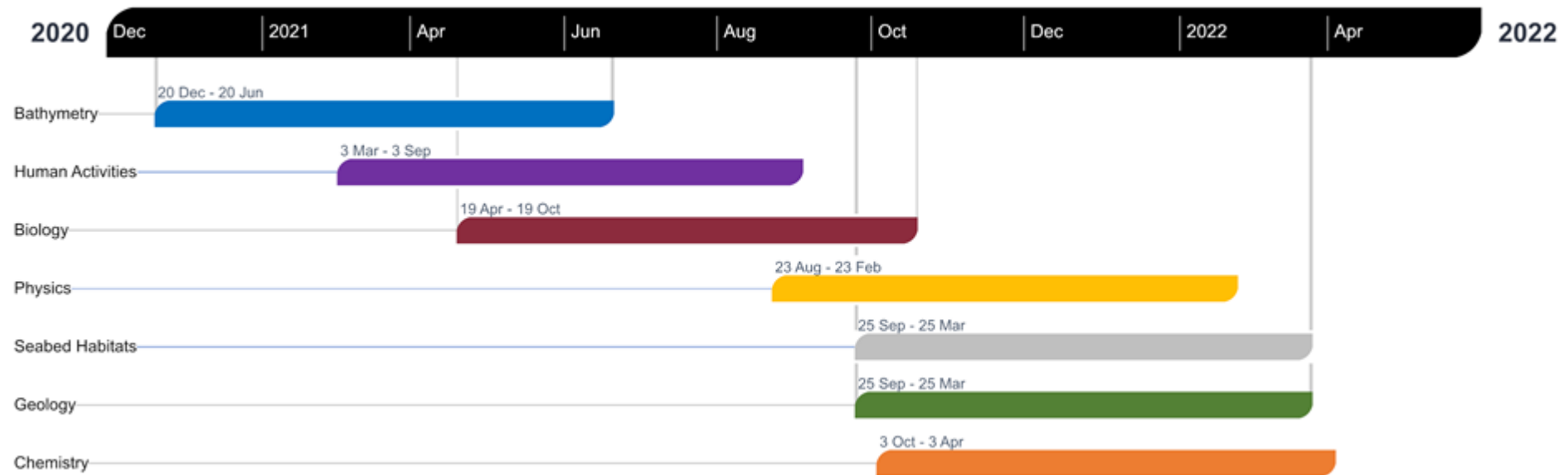
Centralisation overview (cont)

- Technical team: Secretariat, VLIZ, Carlos Cerezo (DG MARE) + Bilbomatica

- Conceptual proposal delivered to CINEA/DG MARE Mar 2020, 2nd version Dec 2020

- Early 2021: Bilbomatica's work was reassigned from the European Atlas of the Sea to the Central Portal visualisation/download tool

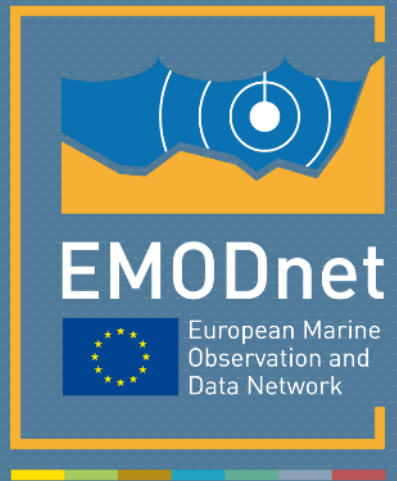# Centralisation overview (cont)

- Initial timeline

Progress update

- Based on Bathymetry viewer codebase (React)

- Layer management system remains as-is "metagis" by VLIZ

- List of functionality priorities defined by technical team
  - Priority 1: essential GIS functionalities (done)
  - Priority 2: functionalities needed for centralisation by all lots (almost done)
  - Priority 3: custom functionalities, mostly not applicable to all lots (to do)

- Meetings every two weeks

- Bilbomatica improved some existing functionalities and added new ones

- Next step is the finishing the download functionality

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Implementation process

- Meetings with thematic lots ~1.5 months (bathymetry, human activities and biology)

- Discuss potential issues/constraints with data/products and agree on best way to proceed

- Setup and configuration of an ERDDAP server to facilitate data products query, aggregation, download

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Next steps

- Frequent meetings with thematic lots continue until lot portal is shutdown

- Static content centralisation led by Francis

- Upload of Bathymetry, Human Activities and Biology products to CP ERDDAP server

- Implement visualisation tool on CP development server

- Agree with lots & DG MARE on essential functionality available on CP, to shut down portal

- Upload vector data to CP PostGIS/Geoserver

- Look into synchronization mechanisms (grid: ERDDAP & vector: PostGIS)

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