EMODnet Geology 5
Data Management and services

16th EMODnet Steering Committee
27-28 April 2022

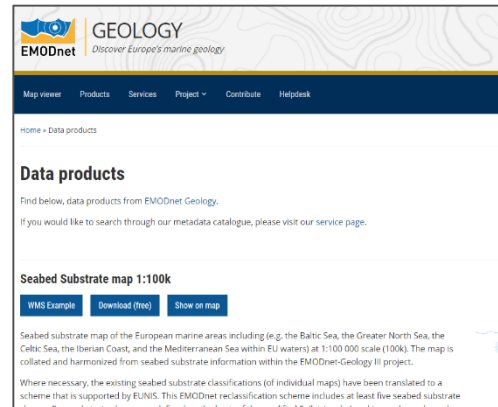Bjarni Pjetursson, bpj@geus.dk

GEOLOGY

Data management

Portal

- Manage and maintain
- Web-GIS and services
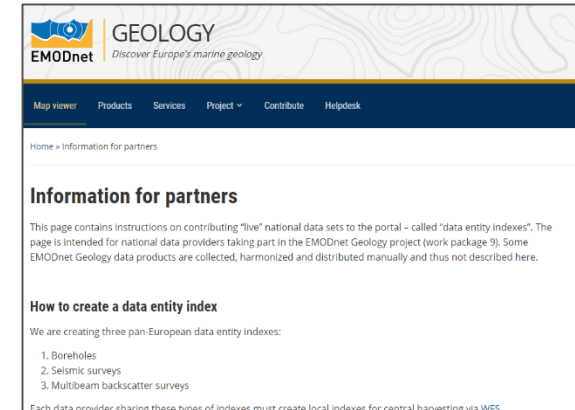- KPI statistics

Data product management

- Assist WP-leads
- Store and register
- Publish

Data entity indexes
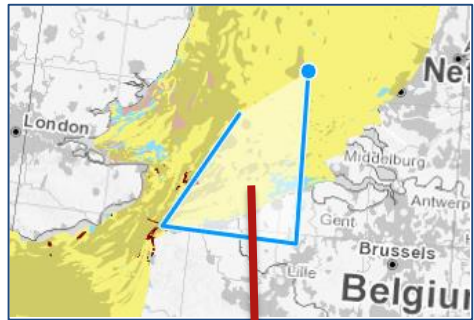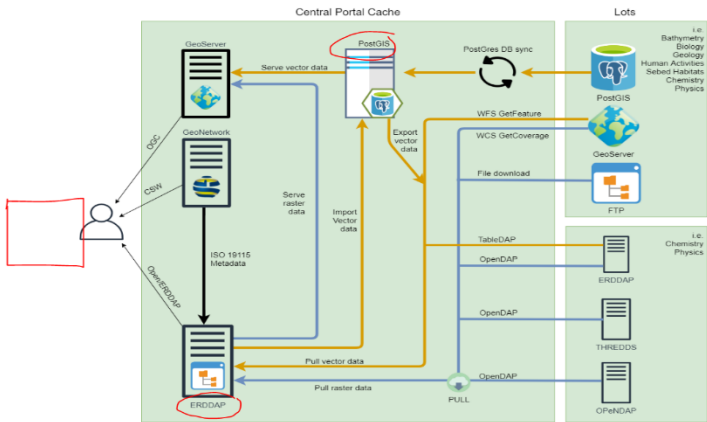
- Harvest
- Harmonize & merge
- Publish

Current focus

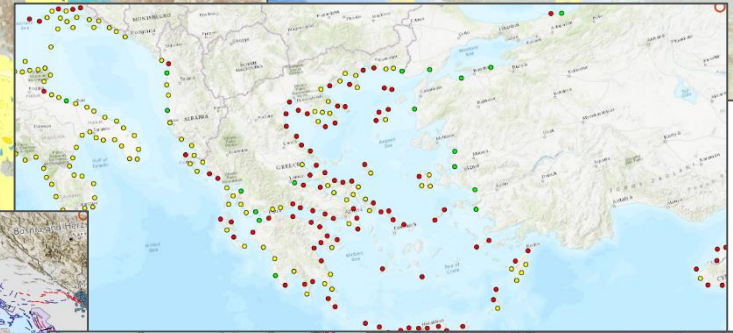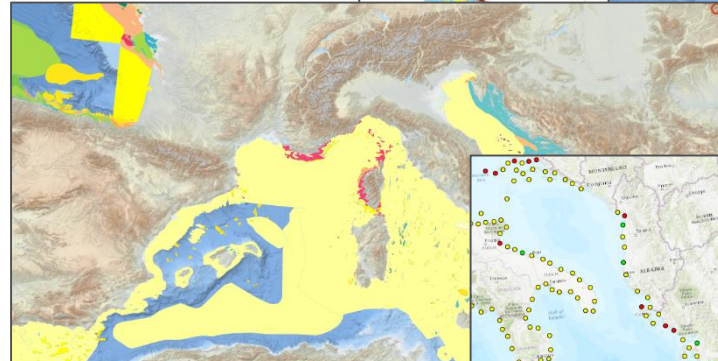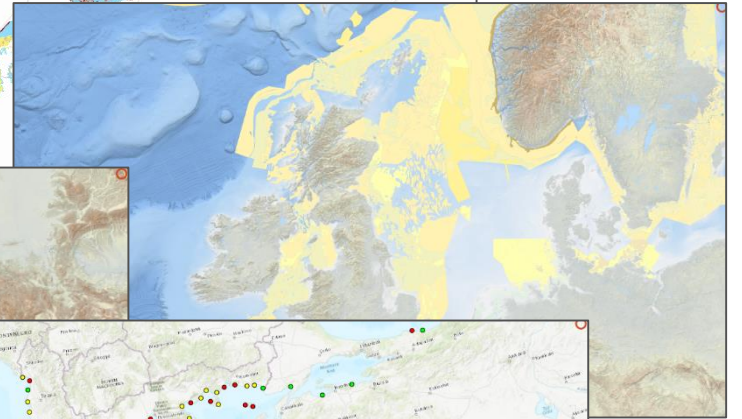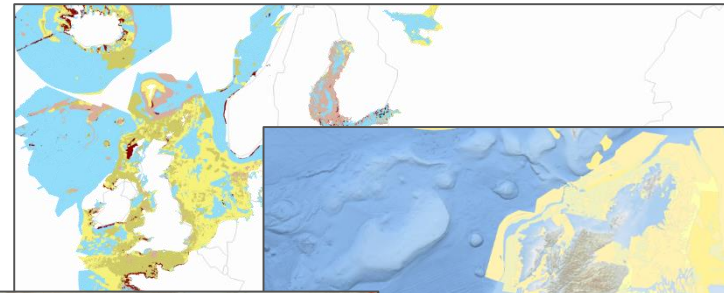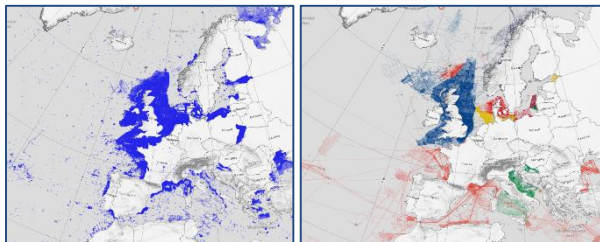| Portal migration	Open-source and open-standards	Spatial filter download using Web-GIS

Inventory - Data products

- Seabed Substrate
- Sea-floor Geology
- Coastal Behavior
- Events & Probabilities
- Marine Minerals
- Submerged Landscapes
- Entity indexes

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Observation and
Data Network
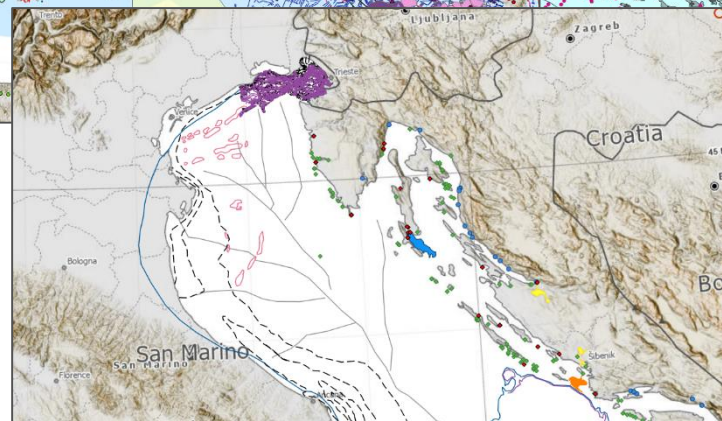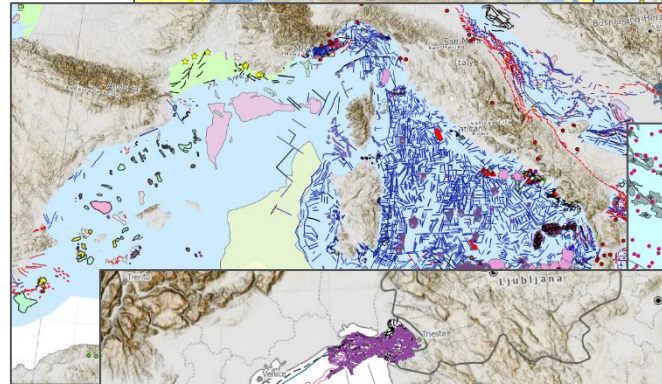
Technical setup (pre-migration)

Web orchestration (user entry)

Web GIS "EGDI"	Metadata "EGDI"	Portal "Wordpress"

Storage components

Web server "Glassfish"	GIS-server "GeoServer"	Metadata-server "GeoNetwork"

Database

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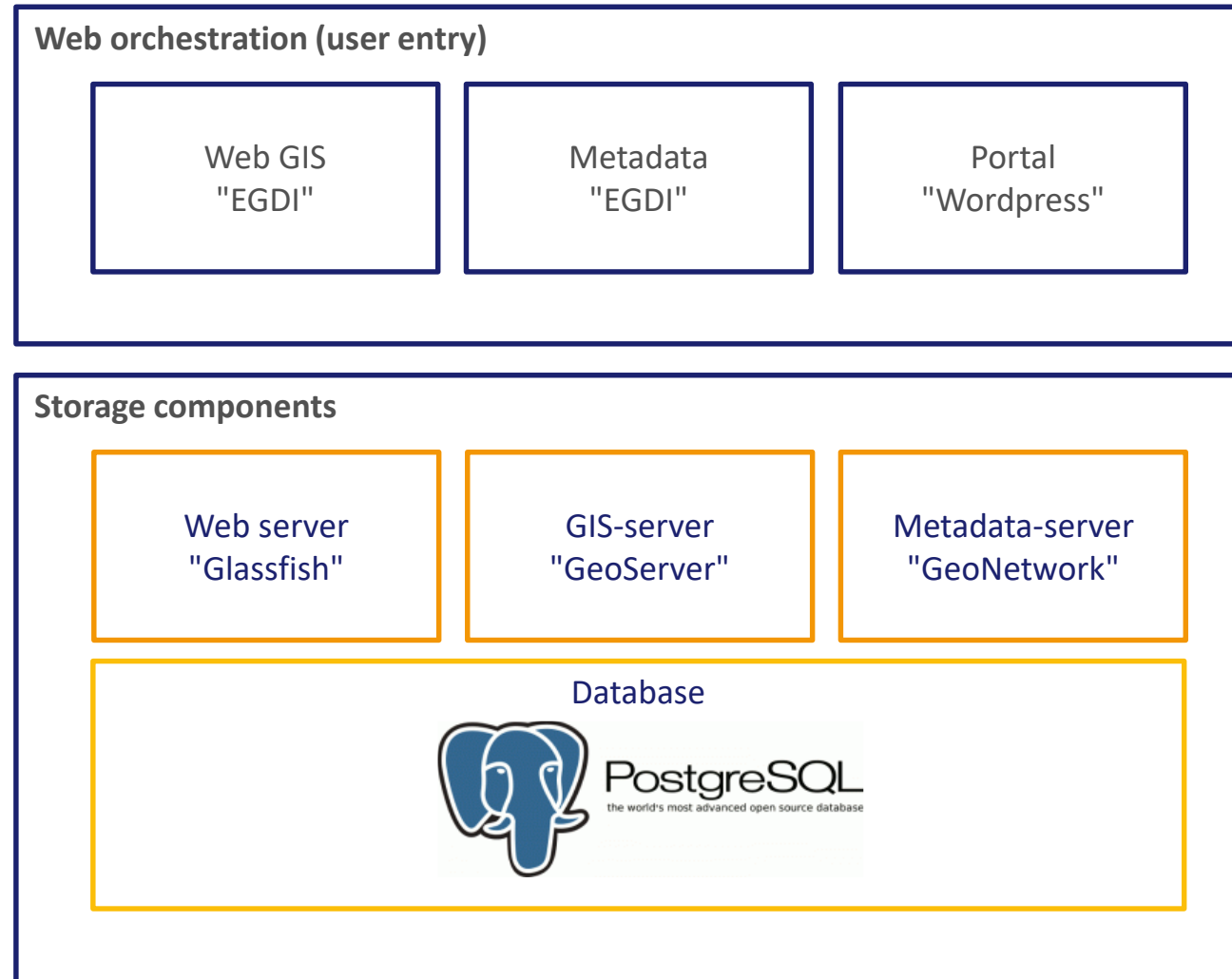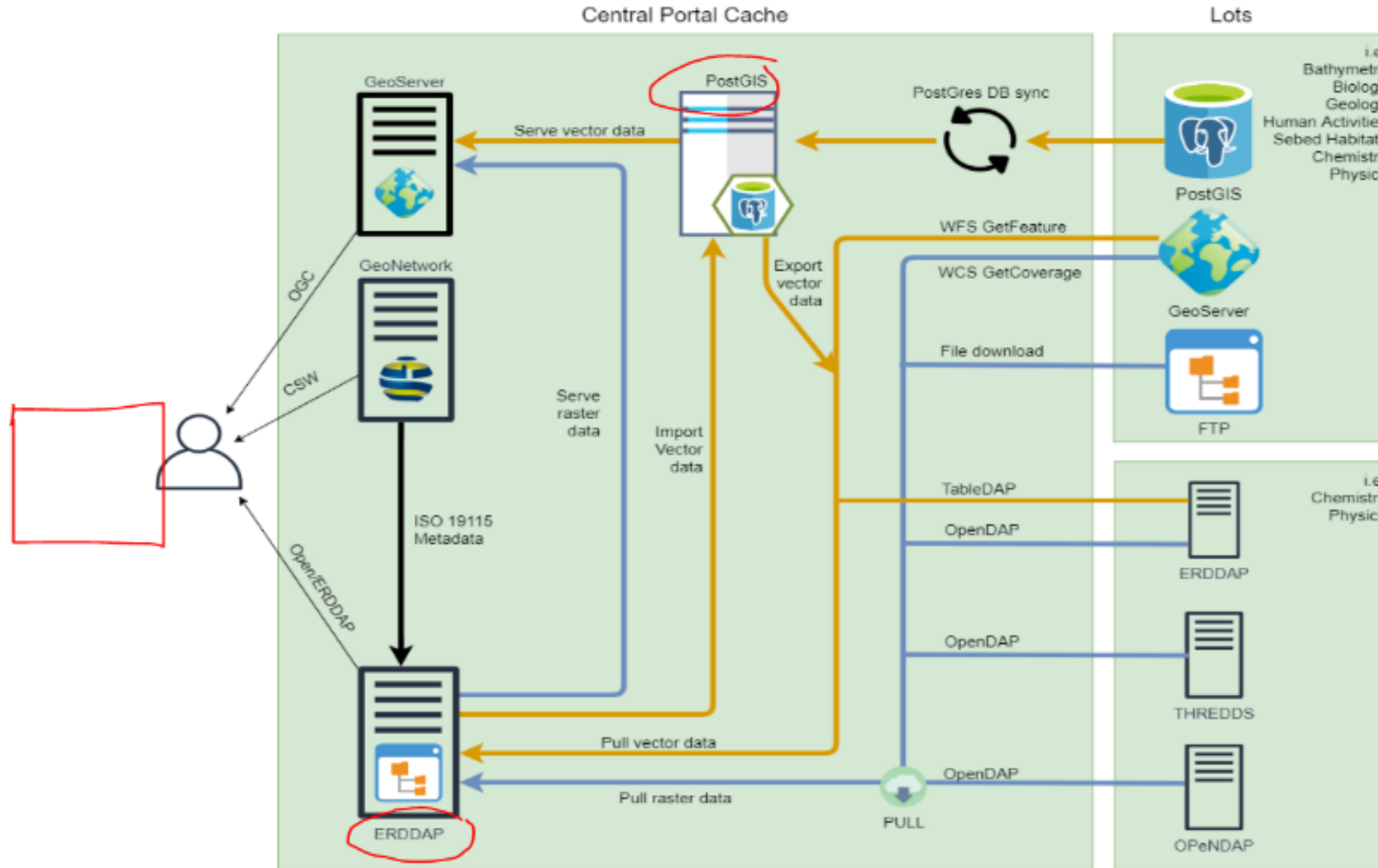
Post migration

Technical deliverables - this phase

- Test new ways of presenting data
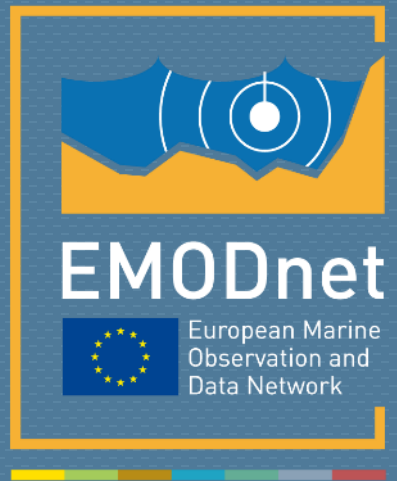 - 3D models – e.g. the EGDI prototype
  - Story maps – e.g. this seamount story

- Dynamic legends
  - Less "paper legends" more interpretation guidance
  - Clickable legends

- Portal migration
  - Everything except database, OGC services and web-GIS

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