



EU BON Data Portal

1st Prototype and next steps

Building the European Biodiversity Observation Network (EU BON)

Antonio García Camacho (EBD-CSIC)

Luis Aused (IBM Spain)



EBP objectives in a nutshell

- Integrate biodiversity data/metadata sources into a single user interface
- Connect the integration hub to GEOSS (main biodiversity broker)
- Provide analytical information to the potential users (including EBV's)

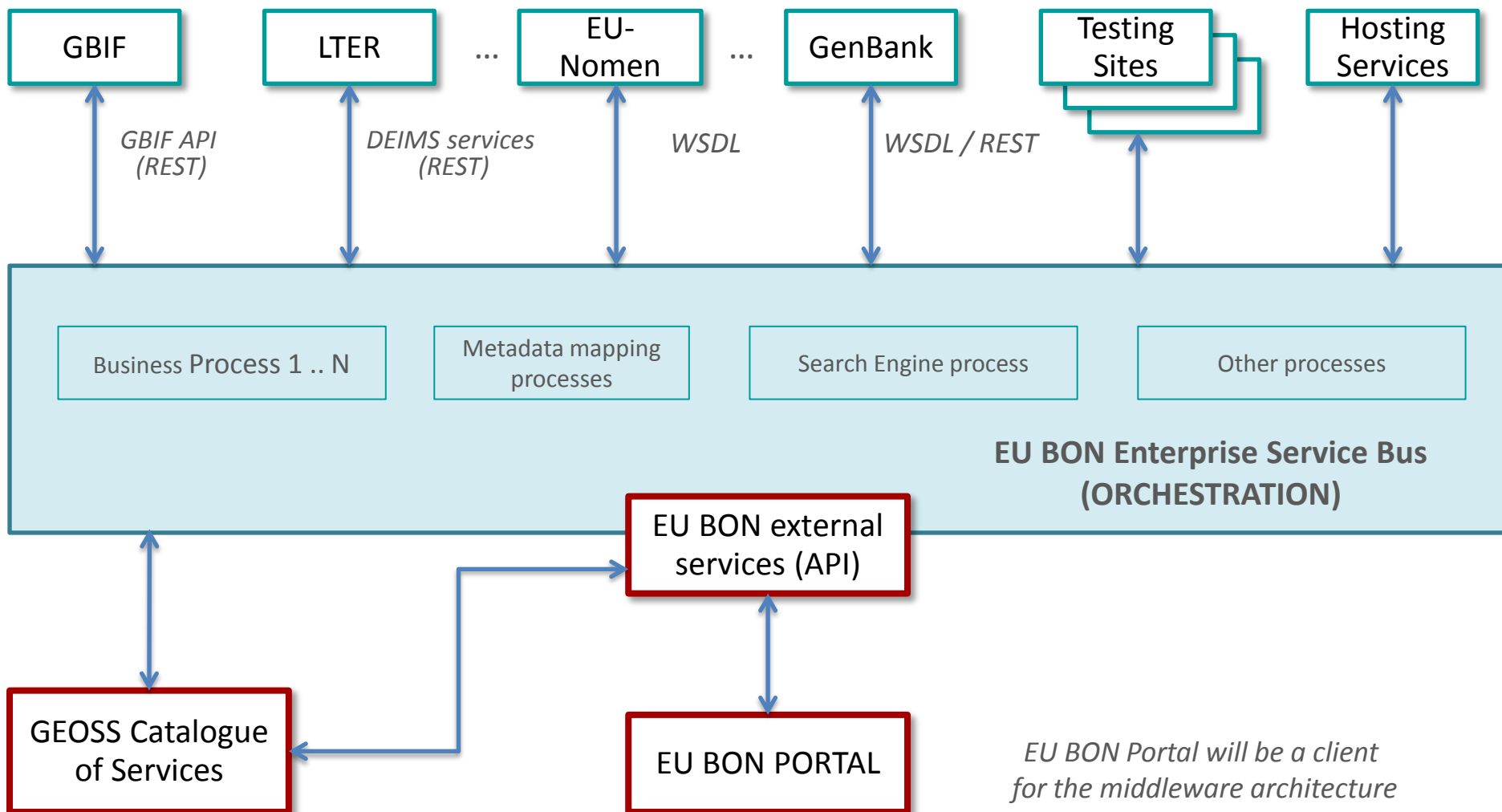
EBP First Prototype

- Data providers:
 - GBIF
 - LTER (DEIMS) -> extensible to some testing sites
- Taxonomy providers:
 - PESI EU-Nomen
 - World Register of Marine Species
- Simple search of taxonomy & datasets
- Focused on metadata (EML)
- Architecture: SOA approach but still without brokering system
- Web interface
 - Map representation → CartoDB (still in development)
 - Content publishing and linking to thehelpdesk portal

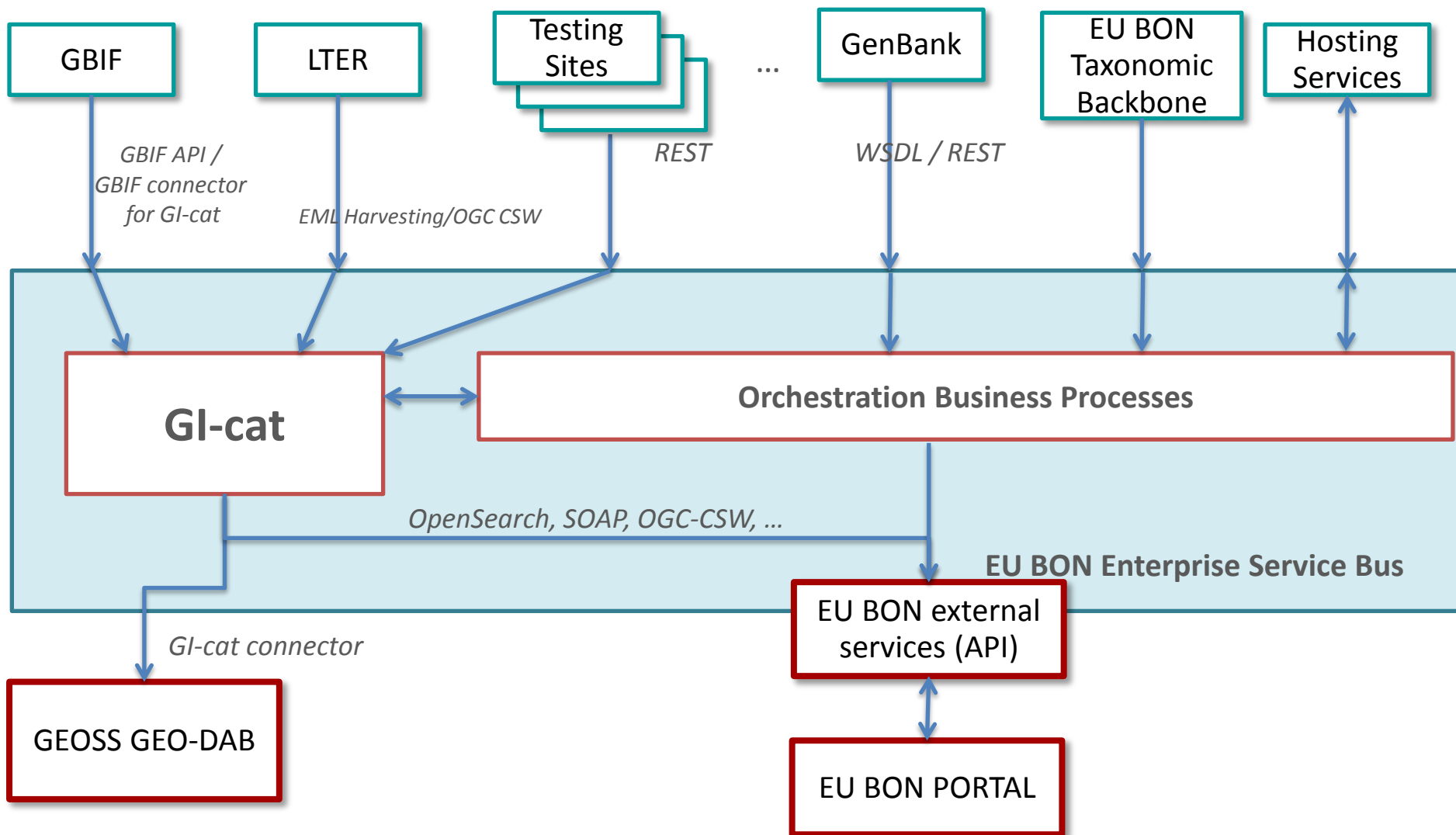
Next steps

- Integrate EU BON Taxonomy Backbone
- Integrate monitoring schemes & citizen science platforms
 - Doñana: Butterfly Monitoring Scheme Spain.
- OGC standardised input/outputs
- Implement an ESB-based SOA architecture.
 - Probably hybrid solution: GI-cat + general purpose ESB/point-to-point.
 - GI-cat: implement a new GBIF accessor?
 - Implement semantic mediation.
- Define Data hosting services
- Road to MS251:
 - Define user requirements!

EU BON Architectural proposal



EU BON Architectural proposal



Portal demo

- Prototype in development
- Luis Aused (IBM-Spain) → demo



Thank you very much for your attention

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