

Jerico-S3 WP7 – Task 7.5

Task lead: Jay Pearlman

Contributors / team members:

Juan Gabriel Fernández, Miguel Charcos Llorens, Pauline Simpson
Antonio Novellino, Gilbert MAUDIRE, Francoise Pearlman, Peter Thijsse,
Simon Keeble, Jerome Detoc , Antoine QUERIC

Julien Mader, Simone Marini, Lars Stemmann, Lauri Laakso, Maria
Koski, Siret Malleus, Marc Picheral, Jukka Seppala



Subtask 7.5.1 VA Portal development (M1-M30)

Operational requirements will be derived with JERICO-RI partners, modelers, product developers and other experts in collaboration with WP11. Requirements will be used for **detailed design of the VA portal**. This development will include a User Interface (UI), an IT infrastructure, connectivity to the JERICO data and services catalogues, access to the best practices systems and an e-library for tools and similar resources. In addition, the VA may provide **access to aggregators** like ROOSes/CMEMS (NRT), SeaDataNet (validated archives), **EMODNet Physics** and Biology portals. Access to priority/mature tools from partners will be incorporated into the VA and will help to test the e-infrastructure performance. This activity will set up the first elements of the JERICO e-infrastructure, e-JERICO, that will be operated in WP11 VA to support users.

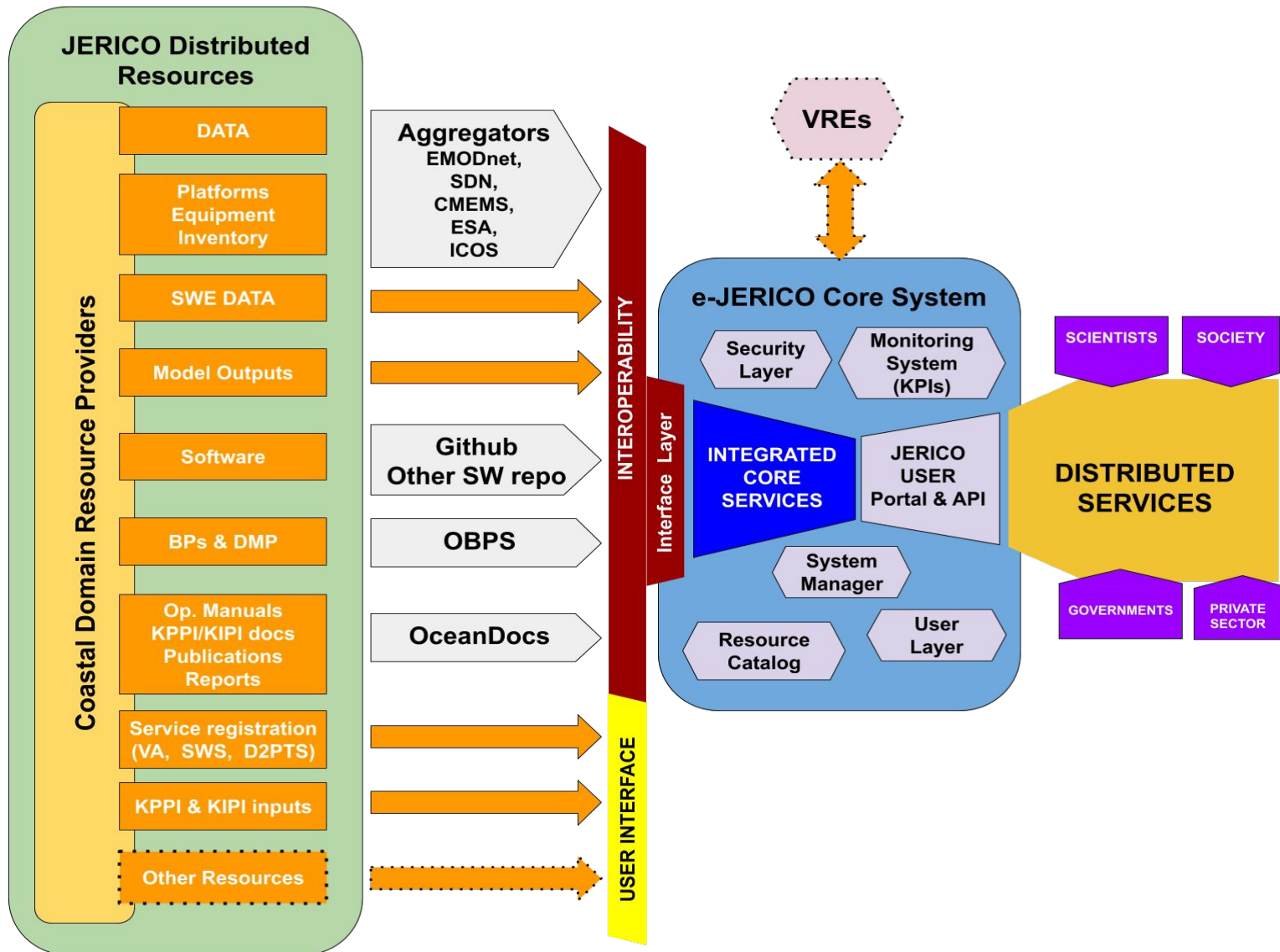
Subask 7.5.2: Data-to-Products Thematic Services (M1-M25)

This subtask will **create four pilot-focused regional/thematic services** from JERICO-S3 data to demonstrate the benefits of the JERICO RI information life cycle. The work will be done in the areas of **physical, biogeochemical and biological oceanography** to be exemplars on “how to” for larger scale creation of products and services.

Specific D2PTS targets include:

1. **HF-Radar** tailored products D2PTS: will develop physical oceanography products from HF Radar data to provide gap filled surface current data products, potentially transferable to CMEMS in the future. Pilot application will be undertaken in Bay of Biscay IRS and NW-MED PSS.
2. Estimation of **sea water masses types and transport monitoring** D2PTS: will develop physical oceanography products from glider data that may be combined with biogeochemistry observations. Pilot application will be undertaken in GoF and NW-MED PSSs.
3. **Biogeochemical state of coastal areas** D2PTS: will provide regional, combined multiplatform observations products. Pilot application will be undertaken in GoF PSS.
4. **JERICO-EcoTaxa** D2PTS: will provide coastal plankton monitoring products from ecological imaging sensors. Pilot application will be undertaken in NW-MED, GoF, Channel and NorthSea PSSs.

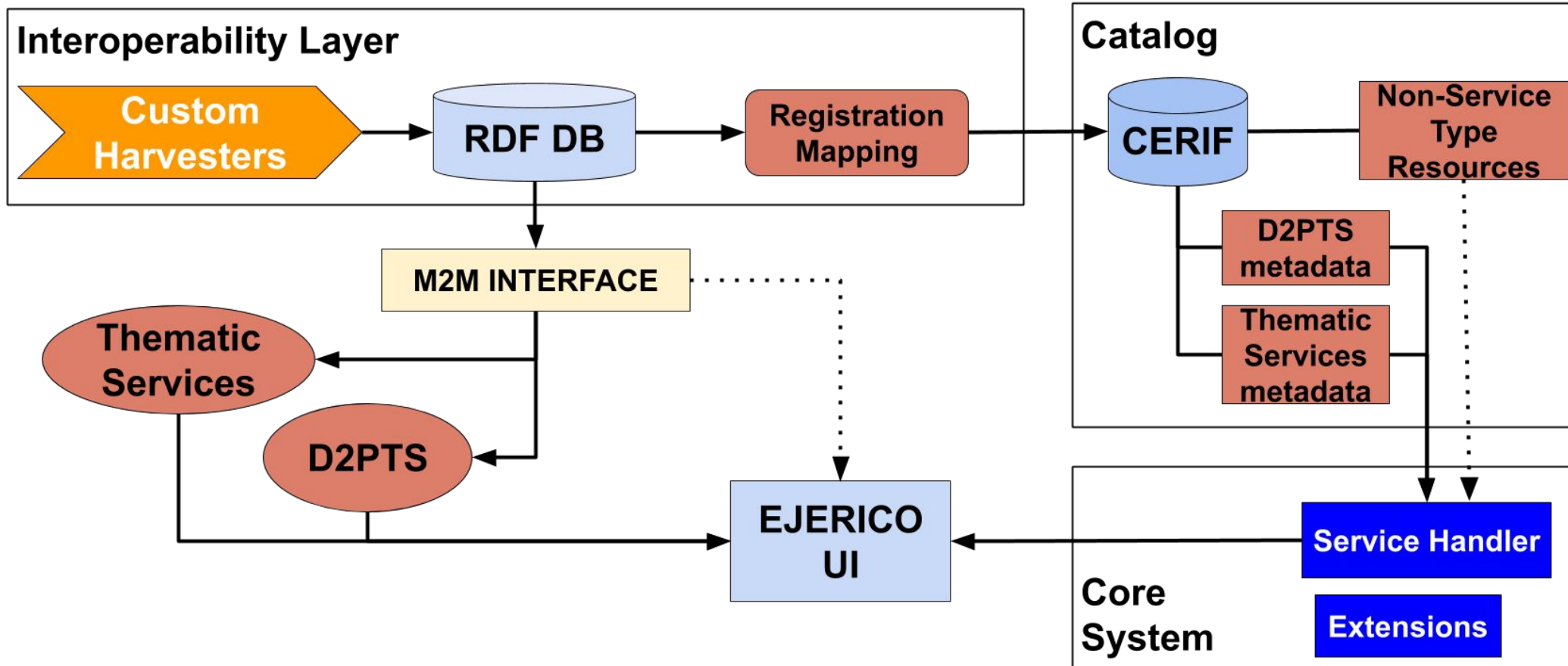
Update on progress towards milestones and deliverables



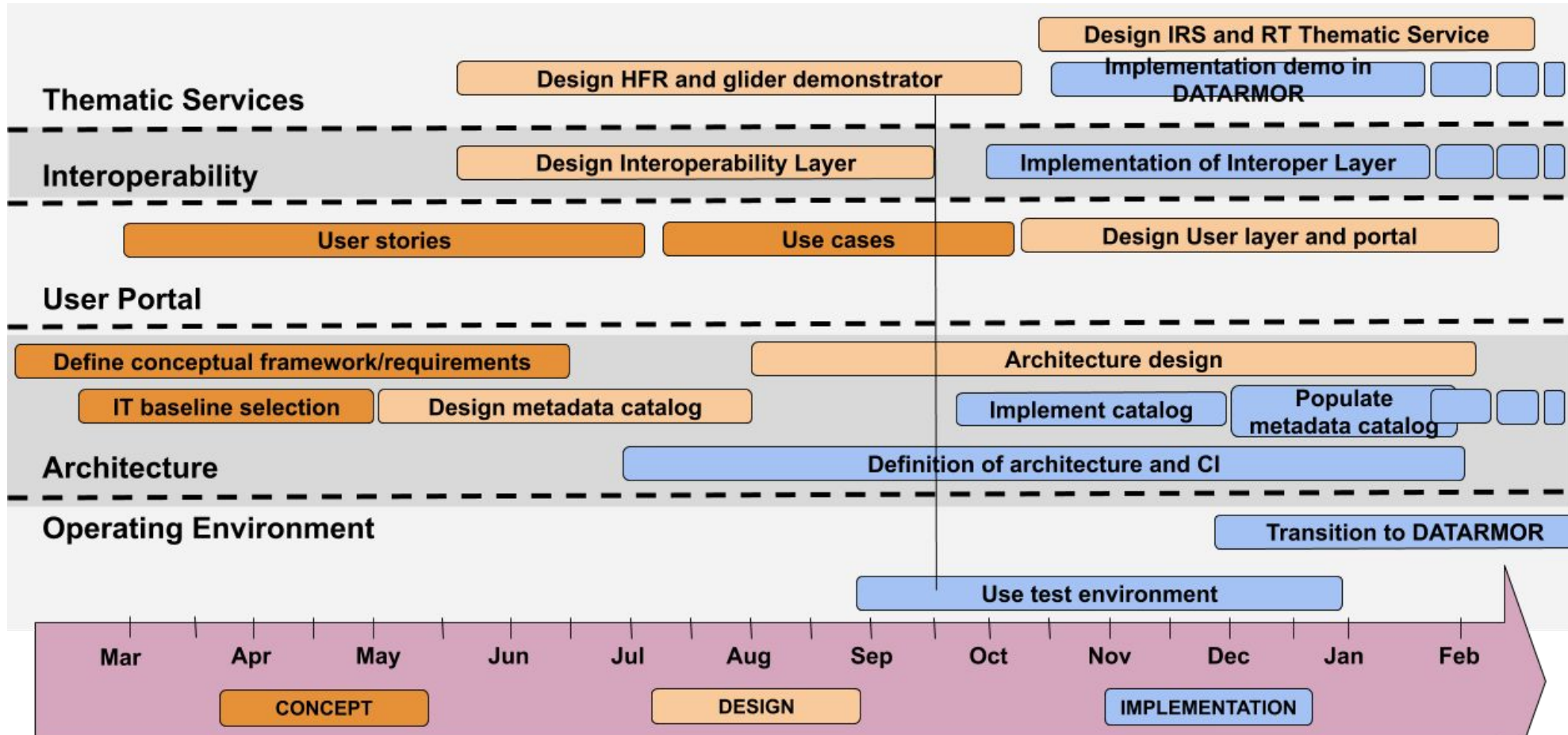
D7.5: Pilot D2PTS demonstration-M25
 D7.6: Documentation of JERICO RI e-infrastructure and capabilities – M34

Milestone 38 Demonstration of VA infrastructure – M25

Current Developments



Timeline and Status



e-JERICO Implementation Schedule (2020)

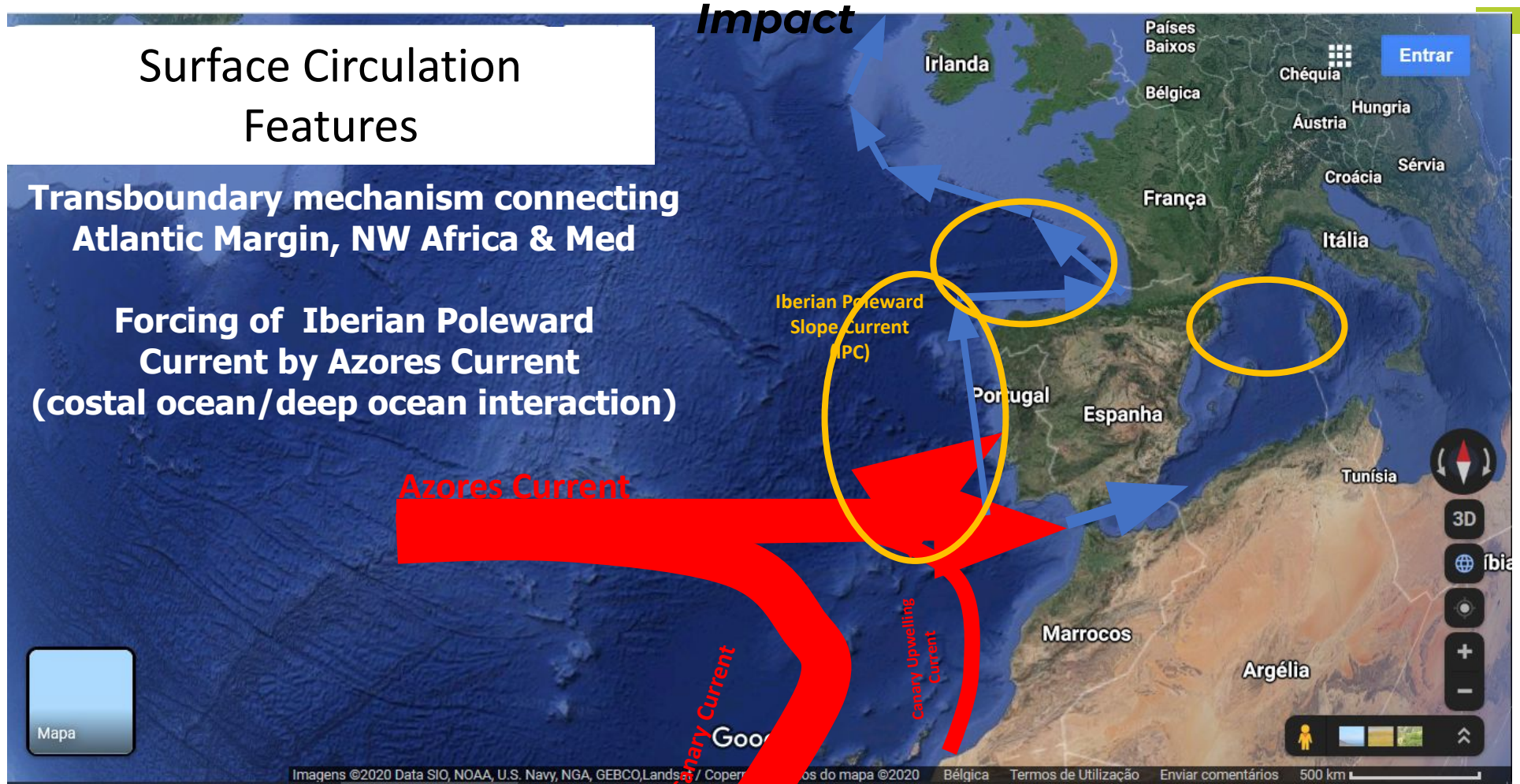
IRS - IBERIAN ATLANTIC MARGIN

WHY THESE SPECIFIC SCIENTIFIC TOPICS?
Pan-European Relevance + Regional/Local Impact

Surface Circulation Features

Transboundary mechanism connecting Atlantic Margin, NW Africa & Med

Forcing of Iberian Poleward Current by Azores Current (costal ocean/deep ocean interaction)



Update on / new issues and risks

- Impact of COVID on Schedule – there may be some deliverable delay
- Still in discussion with EPOS, but not finalized – agreement is on critical path for having complete capability; workaround is to develop inhouse or to enter into discussions with another organization (e.g. IMOS)
- Need inputs from other work packages – (1) WP 6 data management plan delayed; (2) WP 9 User definitions – these are under discussion

Any other business

- Would like to have planning for GA in February
- Posters of e-JERICO accepted for IMDIS in 2021.