



From JERICO-NEXT VA steps to an e-Infrastructure in JERICO-S3

Presenter: C. Muñoz, J.G. Fernández and J. Tintoré email cmunoz@socib.es

Contributor(s): SOCIB, IFREMER, IEEE, MARIS, AZTI, FMI, SYKE, CNR, CNRS, CEFAS, IODE, ETT, PLOCAN

Aim

Promote VA to JERICO-RI “**Resources**”, including data, software, documentation, training and P&S well aligned with ongoing European initiatives

Expected outcome

Provide an **easy and unique point of access to JERICO-RI resources** required to cover the whole coastal ocean observing value chain & thus providing visibility to JERICO-RI capabilities

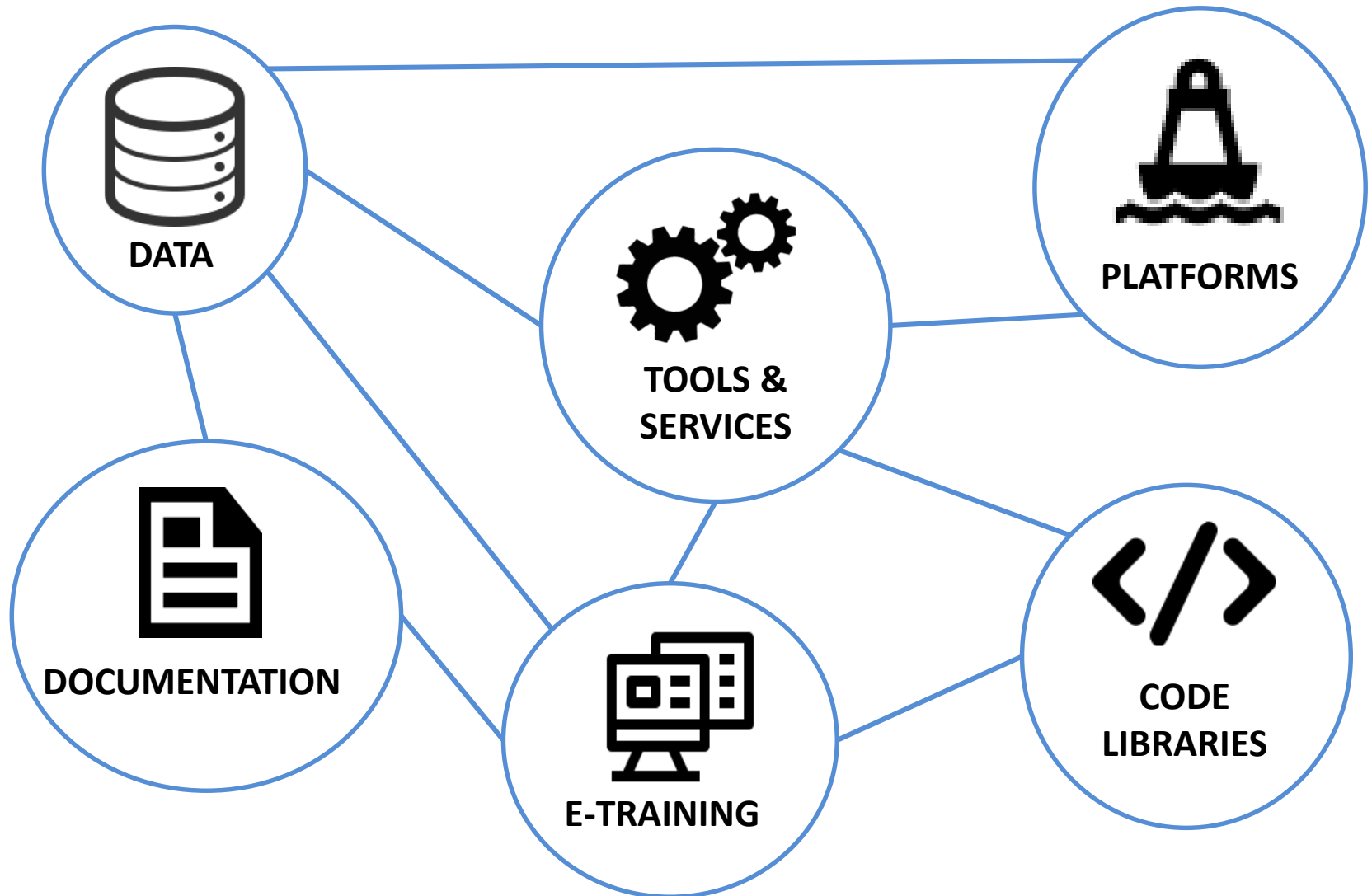
VA EC - [VA LINK](#) (page 89) -

A vertical bar on the left side of the slide, composed of many small horizontal segments in various shades of blue, green, and yellow.

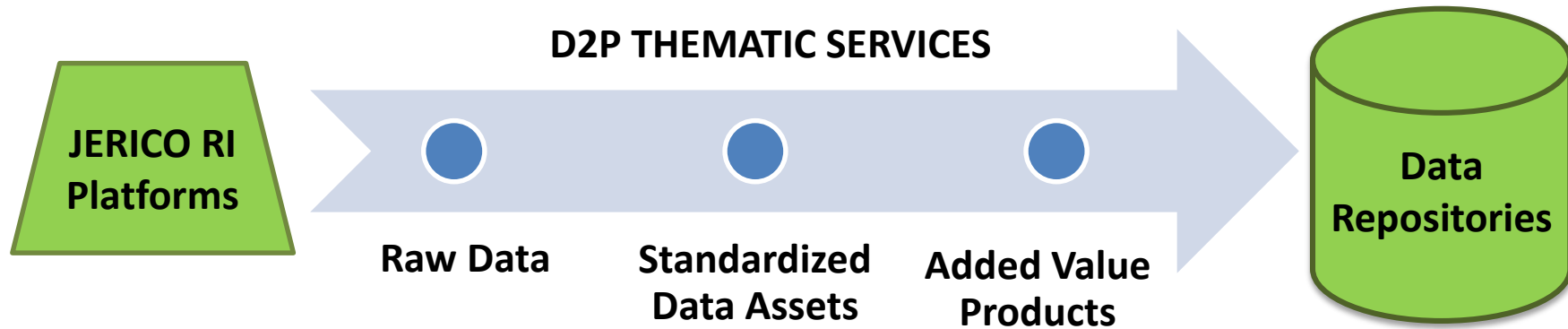
The Needs

- **Access to JERICO Resources**
 - Data, Documentation, code libraries, platforms, tools and services
- **Use Harmonized methodologies**
 - Standardized data assets (Physics, BGC, Biology)
 - Added value products for coastal applications

The Existing Resources



D2P THEMATIC SERVICES



D2P Thematic Services – Pilot 1:

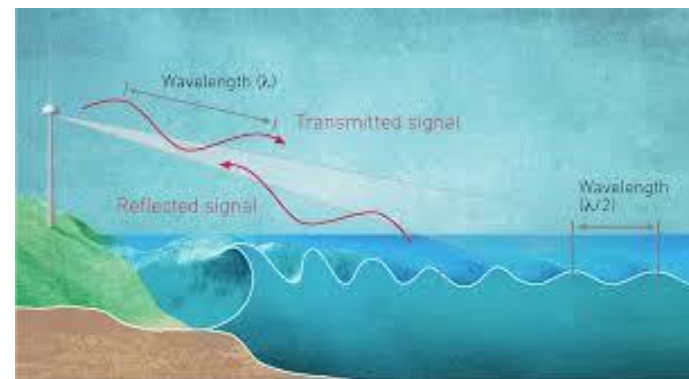
Estimation of Sea water Masses types and transport Monitoring

- **Platform Type:** Gliders
- **Variables Type:** Physical and Biogeochemical
- **Pilot application:**
 - North west Mediterranean (NW-MED) PSS
 - Gulf of Finland (GoF) PSS



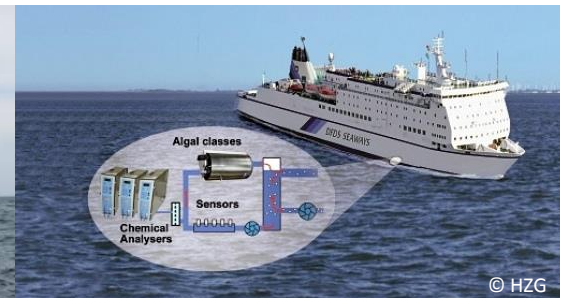
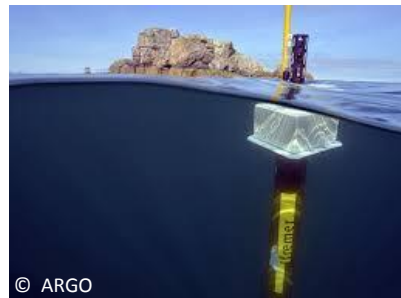
D2P Thematic Services – Pilot 2: HF-Radar tailored products

- **Platform Type:** HF-Radar
- **Variables Type:** Physical
- **Pilot application:**
 - North west Mediterranean (NW-MED) PSS
 - Bay of Biscay IRS



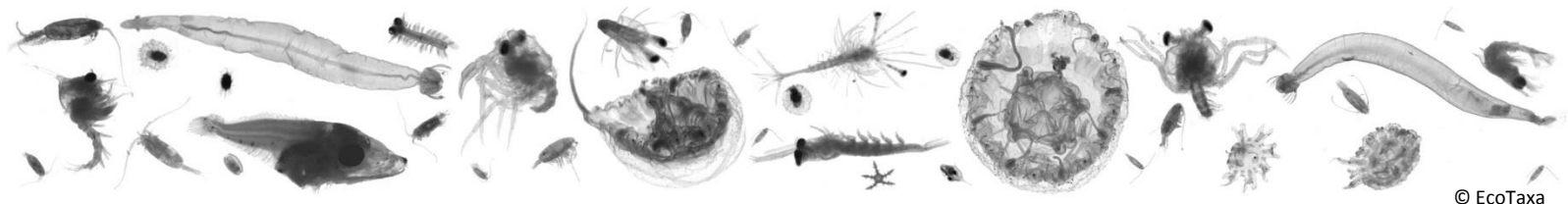
D2P Thematic Services – Pilot 3: BGC state of Coastal Areas using regional, combined multiplatform observations

- **Platform Type:** Ferrybox, fixed platforms, profiling buoys
- **Variables Type:** Biogeochemical
- **Pilot application:**
 - Gulf of Finland (GoF) PSS



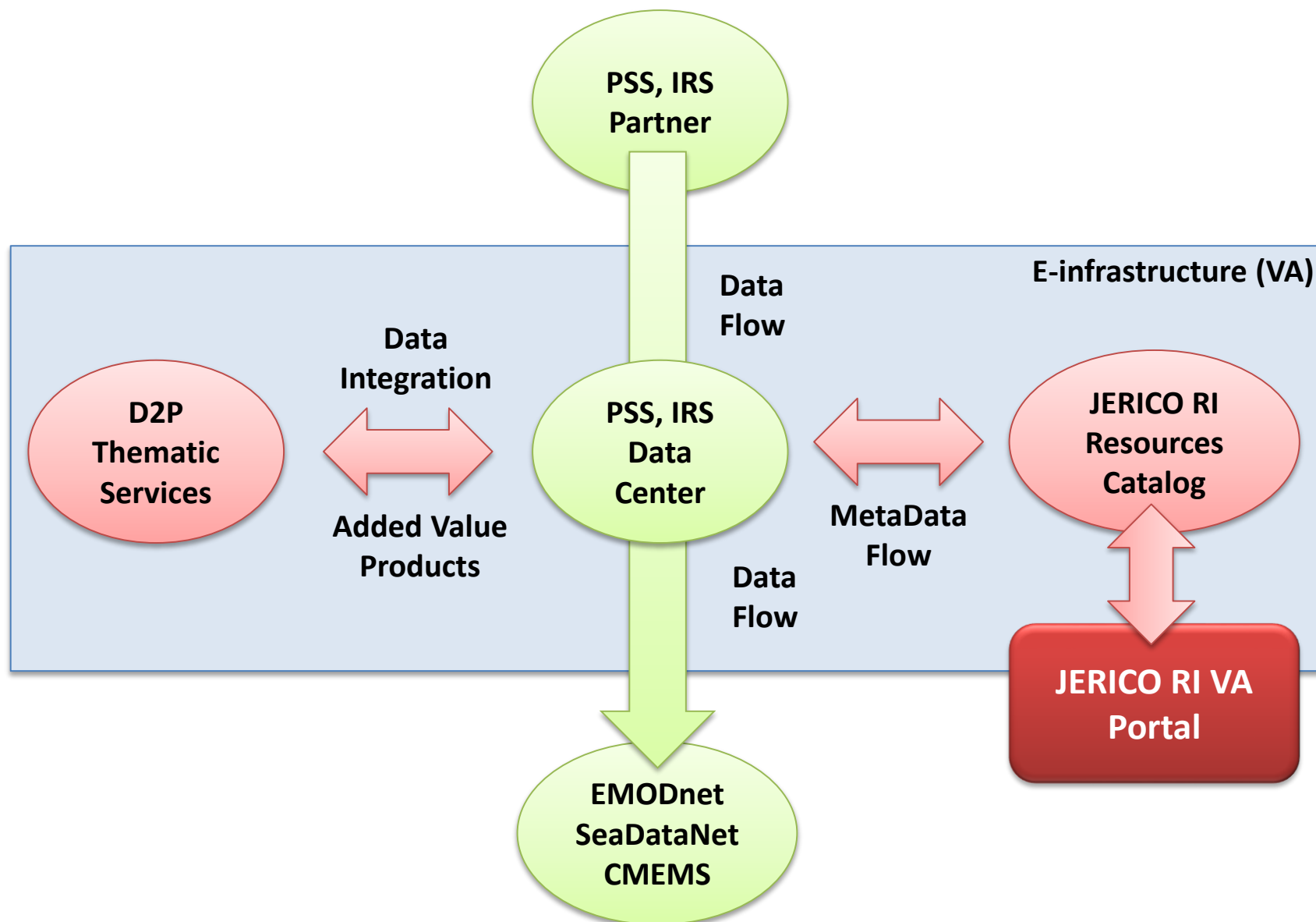
D2P Thematic Services – Pilot 4: JERICO-EcoTaxa coastal plankton monitoring products

- **Platform Type:** ecological imaging sensors
- **Variables Type:** Biological
- **Pilot application:**
 - North west Mediterranean (NW-MED) PSS
 - Gulf of Finland (GoF) PSS
 - Channel and NorthSea PSSs

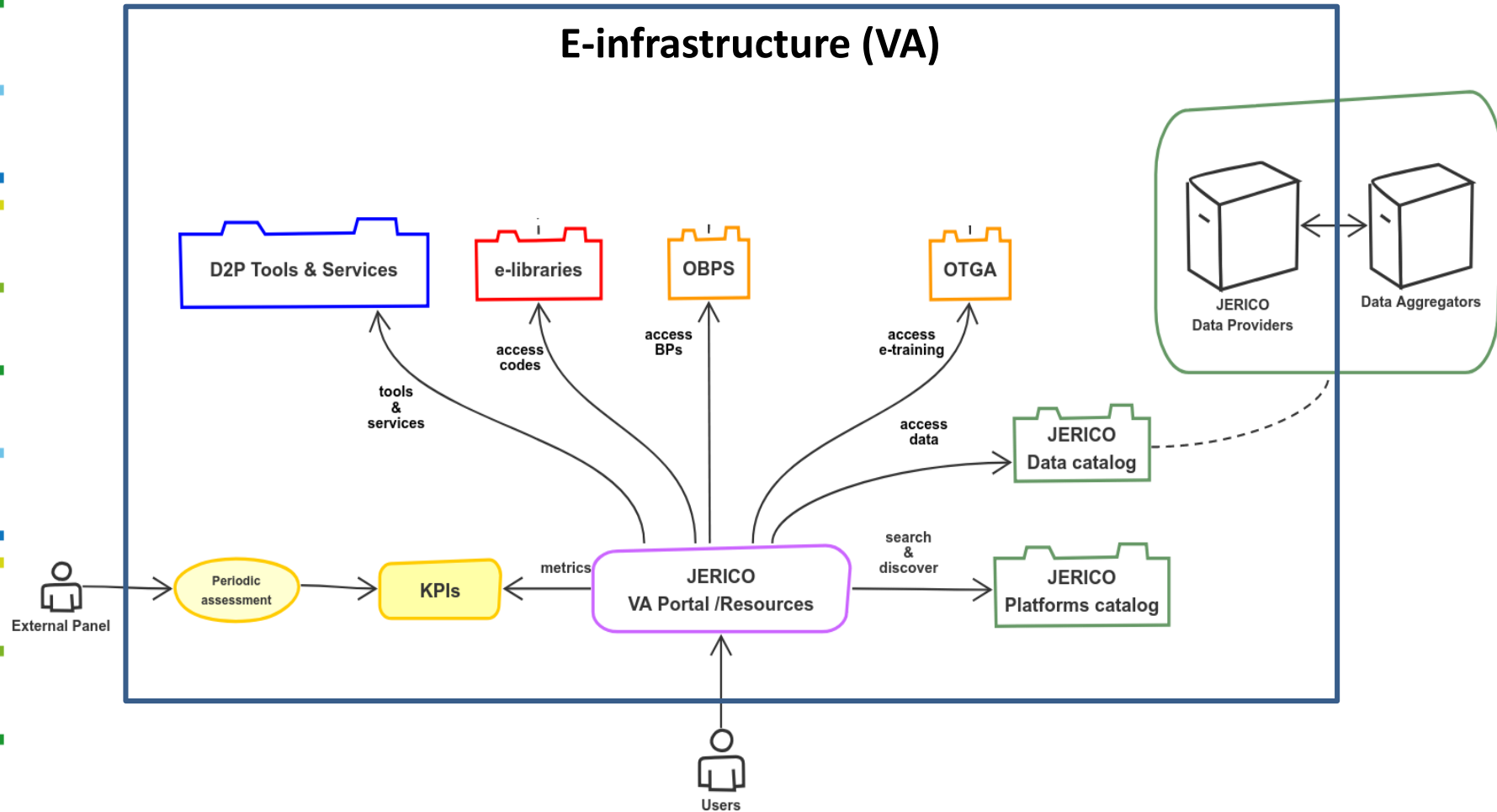


© EcoTaxa

JERICO S3 e-infratructure: framework



JERICO S3 e-infrastructure: users





This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 654410.