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

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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) -
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

- **DATA**
- **TOOLS & SERVICES**
- **PLATFORMS**
- **DOCUMENTATION**
- **E-TRAINING**
- **CODE LIBRARIES**
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
JERICO S3 e-infrastructure: framework

- D2P Thematic Services
- Data Integration
- Added Value Products
- PSS, IRS Data Center
- Data Flow
- MetaData Flow
- E-infrastructure (VA)
- JERICO RI Resources Catalog
- JERICO RI VA Portal

- EMODnet
- SeaDataNet
- CMEMS
- PSS, IRS Partner
- Data Flow
- Added Value Products

Final GA week of JERICO-NEXT- Brest 1-5 July 2019
JERICO S3 e-infrastructure: users

E-infrastructure (VA)

- D2P Tools & Services
- e-libraries
- OBPS
- OTGA

JERICO Data Providers → Data Aggregators

External Panel → KPIs → metrics → VA Portal/Resources → search & discover → Platforms catalog → Users

Periodic assessment → KPIs

Tools & services → access codes

access BPs → access e-training

access data → access data

Final GA week of JERICO-NEXT- Brest 1-5 July 2019
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