

WP7
Pilot EP10
State of progress

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Brief analysis of the pilot

■ Main goals

- Develop a prototype integrating the implementation of web services related with building dynamic indicators namely indicators that help understanding the growth of urban areas.
- Evaluate fitness for purpose of different available official datasets to deal with urban landscape evolution. The datasets cover similar time periods and include the legal classification of land use, cartographic based housing evolution datasets and thematic land use/cover maps.

Brief analysis of the pilot

- Which eENVplus component are used in the pilot
 - Harmonisation services/toolkit
 - Validation services (data / metadata)
 - Ingestion/Standard WxS services
 - Processing services
 - Crowdsourcing services - NO
 - TF services - NO

Metadata publication

- CSW harvested by eENVplus catalogue / uploading of metadata in eENVplus catalogue
- Metadata have to be updated with EUOSME and TF services for keywords definition
 - Test not performed
 - Tested EUOSME for keywords update
 - Tested TF for keywords update (explain how to update the xml file)
 - Tested metadata insert into eENVplus catalogue (GeoNetwork)

Performed harmonisation process

- Harmonised and validated dataset
 - List of datasets : CRUS, COS95, COS2010, CAOP
 - How has been harmonised and validated:
The datasets were harmonized with HALE and validated with AltovaXMLspy
- How the harmonised dataset are involved into the pilot: used as data input to perform the analyses

Published standard services exposing

■ original datasets

published services

http://www.dgterritorio.pt/produtos_e_servicos/servicos_web/

need to publish standard WMS/WFS services

■ Harmonised datasets

published services

need to publish standard WMS/WFS services

→ need to use Ingestion/publisher of standard services

There are WPS planned for the pilot

■ List of WPS

■ Land Cover change detection WPS

developed / not developed

published / not published

final location of WPS services (eENVplus IS/ Pilot IS)

Planned client

■ State of progress

- developed / not developed
- deployed / not deployed
- location of pilot client: eENVplus IS/ Pilot IS
 - <http://mapas.dgterritorio.pt:85/eenvplus>

■ Integration of pilot into showcase

- link to pilot client - YES
- integration of services into MapStore
- integration of client interface into MapStore

Actions to be performed for closing the pilot development

■ List of actions

Actions

- Finalize the change detection WPS - Sinergis

- Within DGT Pilot - DGT

1. Small adjustments to the Pilot interface

2. Implement the presentation of the change detection WPS results

3. Finalize the Statistics/indicators functionality

Any other comments / actions

- Test the pilot within DGT and with FCT students

Actions to be performed for closing the pilot development

❑ Main issues with the WPS

- ❑ Why is the WPS so slow? (even for very small areas)
- ❑ Clip of the geometry by the selection rectangle/polygon (already implemented?)
- ❑ Result of WPS is MSG "no intersected features" for PT data (wrong coord sys?) EPSG-3763 (ETRS89 PT-TM06) (works for Trento) (tested with layers *sinergis:COS1990_Loures_elab4WPS* and *sinergis:COS2007N5_3C_elab*)
- ❑ Data for the WPS has to be loaded into the SINERGIS server or can be in our server (and transferred by WFS)?