

WP7: GEO-SERVICES FOR INFORMATION MANAGEMENT: INTEGRATION AND COMMUNICATION

Speaker: Sven Casteleyn – Carlos Granell

Task 7.1 Leader: Carlos Granell (UJI)

Task 7.2 Leader: Carlos Granell (UJI)

Task 7.3 Leader: Sven Casteleyn (UJI)

Main Contributors *(In no particular order):*

Sven Casteleyn, Jose Gil, Alberto González Pérez, Carlos Granell, Joaquin Huerta, Aida Monfort Muriach,
Nacho Miralles, Sergi Trilles (UJI)

Lorenzo Busetto, Mirco Boschetti, Monica Pepe (IREA)

Roberto Confalonieri, Valentina Pagani (UMIL)

Dimitris Stavrakoudis, Dimitrios Katsantonis (AUTH)

Main Objectives

WP Leader:

Dr. Sven Casteleyn

Time Span: Months **5-34**

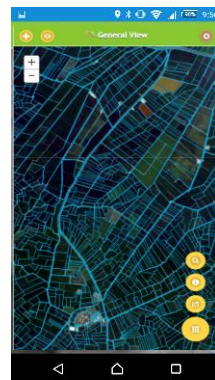
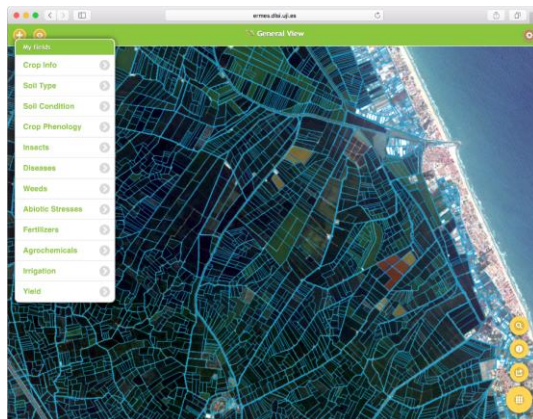
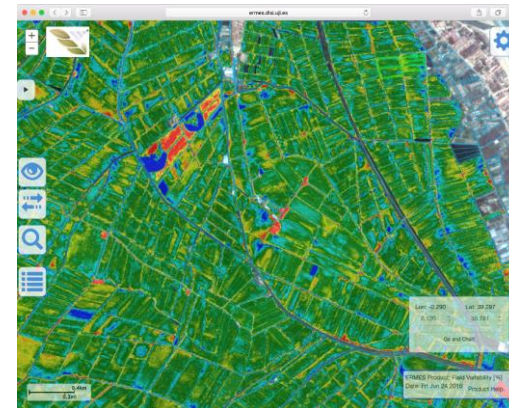


*Spatial data infrastructure
(SDI) – T7.1* **Finished M12**

→ *To store, manage, visualise geo-spatial services reflecting ERMES products*

Geoportal – T7.2

→ To visualise, interpret and analyse ERMES products at local and regional scale

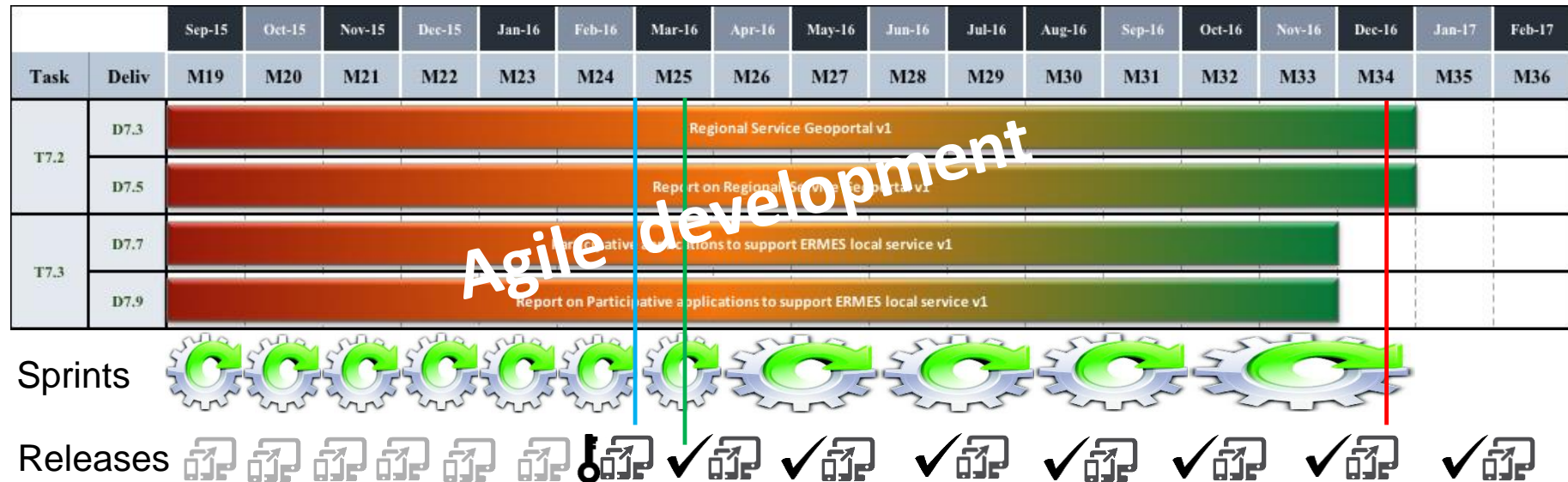


Smart application – T7.3

→ To collect and store in-situ and agro-managerial data

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Work Plan for months 19-36



- ✓ Develop, test & deploy the regional and local geoportal (T7.2)
- ✓ Develop, test & deploy AgriNoteBook (T7.3)
- ✓ Release of stable production version at start 2016 rice season (M25 – March 2016)
- ✓ Scientific verification and validation through testing (WP8 - T8.3)
- ✓ Usability and user satisfaction (WP3 – T3.2)





Implemented M19-33

- Re-design backend
- **Full offline functionality**
- Basemap improvement
- Data product updates
- User-defined input
- Multi-lingual
- **Geo-localization support**
- Performance and responsiveness
- **Parcel search and identification**
- Extended registration
- Social features
- User manual



Results M33

- All foreseen requirements implemented
- Additional requirements implemented
- Extensive verification and validation (WP8)
- Positive usability and usage results (WP3)
- In production during 2016 rice season
- Technology Readiness Level (TLR) 7/8
- **Task 7.3 successfully completed**

Results: Local and Regional Geoportal



Implemented M19-34 (Both)

- Performance of graphs creation
- Printing and exporting support
- New: Locator widget, etc.
- **User experience: near-real time product availability (daily scripts)**
- UI responsiveness, performance & multilingual
- User manuals

Regional Geoportal

- West Africa study areas

Local Geoportal

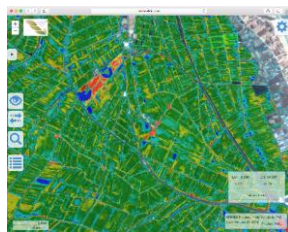
- Basemap improvement & Parcel search (ES)
- **Alert systems**
- Edition of user-generated observations & social features (guest observations)



Results M34

- All foreseen requirements implemented
- Additional requirements implemented
- Extensive verification and validation (WP8)
- Positive usability and usage results (WP3)
- In production during 2016 rice season
- Technology Readiness Level (TLR) 7/8
- **Task 7.2 successfully completed**

Conclusion



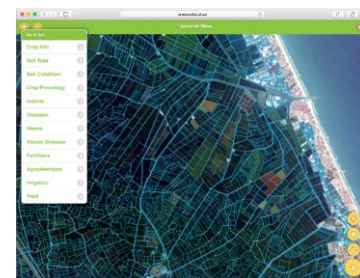
Local & regional geo-portal

- Online Web-based version available
- All foreseen & additional features implemented



AgriNoteBook

- Web and (native) Mobile version available
- All foreseen & additional features implemented



Successful in production

- 2016 rice season
- Italy, Spain, Greece
- Excellent availability and stability (WP8)
- Good usability (WP3)