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# Land cover and land use products in service of agriculture and ecosystem monitoring EuroGEO showcases

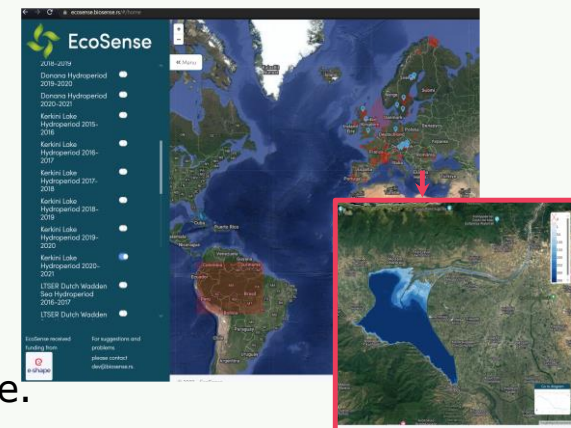
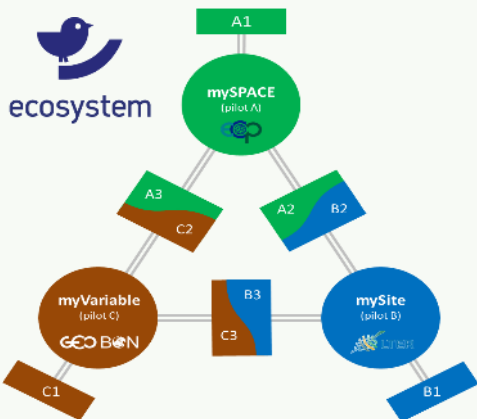


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e-shape is a "unique initiative that brings together decades of public investment in Earth Observation and in cloud capabilities into services for the decision-makers, the citizens, the industry and the researchers"

myECOSYSTEM consists of three highly complementary pilots, developed to maximize services to user groups both in their specific topical areas, but specifically through integrating and jointly using information from remote sensing (mySPACE), in-situ observation (mySITE) and high-level indicators verification and testing with an exemplary focus on biodiversity (myVARIABLE). All pilots pull together experts from the former H2020 project ECO-POTENTIAL, the emerging eLTER Research Infrastructure and GEOBON to maximise the outcome and the user community of the showcase.



- Pilot 1.1 | GEOGLAM
- Pilot 1.2 | EU-CAP Support
- Pilot 1.3 | Vegetation-Index Crop-Insurance in Ethiopia
- Pilot 1.4 | Agro industry
- Pilot 1.5 | Linking EO and Farm IoT for Automated Decision Support
- Pilot 1.6 | Service for SDG 2.4.1 and 15.3.1 indicators assessment:
- Pilot 1.7 | DynaCrop- unlocking EO intelligence across the food value chain



The showcase on Food Security and Sustainable Agriculture largely contributes to SDG 2. It consists of the 7 pilots, which all showcase that Copernicus data sets combined with the necessary in-situ data, weather and soil data can deliver improved information at global, national and local scale, exploiting the processing infrastructures offered by Copernicus DIAS.

**Disaster early warning for cotton**

Pilot 1.2 | EU-CAP Support, <https://e-shape.eu/index.php/showcases/pilot1-2-ec-cap-sup>

**Vegetation-Index Crop-Insurance in Ethiopia**

Pilot 1.3 <https://e-shape.eu/index.php/showcases/pilot1-3-vegetation-index-crop-insurance-in-ethiopia>

**GEOGLAM**

<https://e-shape.eu/index.php/showcases/pilot1-1-geoglam>

