

Acronym:	RECAP
Title:	peRsonalised public sERvices in support of the implantation of the Common Agricultural Policy
Funding Organization:	European Commission-Horizon 2020
NOA Role:	Partner
Project Coordinator:	DRAXIS ENVIRONMENTAL S.A.
Scientist in charge:	Dr. C.Kontoes
Start Date:	01/05/2016
End Date:	31/10/2018
Project Website:	<a href="https://www.recap-h2020.eu/">https://www.recap-h2020.eu/</a>
Number of Personnel under NOA Contracts	6
Summary	<p>Public administrations responsible for the implementation of the Common Agricultural Policy (CAP) need to monitor farmers' compliance to standards. Monitoring is performed by in-field visits and through remote sensing. Due to the high complexity and diversity of the obligations that need to be monitored, both methods have limitations, and entail a high cost for public administrations.</p> <p>RECAP proposes a methodology for improving the efficiency and transparency of the compliance monitoring procedure through a cloud-based Software as a Service (SaaS) platform which will make use of large volumes of publicly available data provided by satellite remote sensing, and user-generated data provided by farmers through mobile devices (geo-referenced and time-stamped photos).</p> <p>The overall objective is to develop and pilot test a platform for the delivery of public services that will enable the improved implementation of the CAP, targeting public Paying Agencies, agricultural consultants and farmers. The platform will collect information:</p>

- ☑ from open satellite data,
- ☑ through farmers' mobile devices,
- ☑ from commercial channels of satellite data providers.

The RECAP services will:

- Assist **Paying Agencies** to increase efficiency and reduce the cost of the controls for cross compliance.
  - Through the use of Remote Sensing full and open access data.
  - Through user-generated data (geo-referenced and time-stamped photos) provided by farmers.
  - Through the use of a modern mobile application (optimised for tablets) that will allow inspectors to bring all relevant information about an audit at their fingertips and conduct the inspection process according to a guidance protocol based on checklists that will speed up the process and eliminate (as much as possible) any "grey" points or subjectivity.
- Assist **farmers** to comply with regulations imposed by the CAP, through a mobile application (optimised for smartphones) which will facilitate the interpretation of complex regulations and provide alerts on potential breaches.
- Allow **agricultural consultants** to create new added value services, building on the components and data of RECAP.