



ENVISION is developing and piloting innovative tools for the continuous, large scale and uninterrupted monitoring of farm management activities with regards to sustainability, in compliance with the CAP's agri-environmental objectives.

Welcome to read ENVISION #3 Newsletter!

Can you believe it's already the end of April? The team of ENVISION has achieved many things in the last six months. If you missed them, you could read about them in this newsletter. You are welcome to follow us on the five social channels and website, links to them you can find at the bottom of this newsletter.

Stay tuned!

ENVISION PLATFORM

During this period, several adaptations and modifications have been performed in the platform, not only in the frontend but also in the backend of the toolbox, in order for the integrated and validated version of the platform to be delivered.

Several calls have been performed among the technical team and the service providers in order to define the main actions that should be followed to accomplish the integration with the various external components and investigate/ explore alternatives in the case of failure.

All these actions led to a fully integrated and fine-tuned version of the ENVISION platform, stable enough for the first phase of the business cases implementation phase.

Our plan is to continue improving the platform both from a feature perspective, but also from a perspective of performance and quality of provided information and user experience. Stay tuned or join us and let us help you to go through the platform and enhance together its operability, improvement and stability.

[Contact us](#)



Members of the ENVISION Advisory Board

ENVISION Advisory Board comprises leading experts from diverse domains and sectors (e.g., Earth Observation, CAP monitoring, etc.). Advisory Board members will provide their expertise on the needs and problems of stakeholder groups and provide meaningful feedback on ENVISION goals, objectives and outcomes.

<https://envision-h2020.eu/advisory-board/>



ENVISION business cases

Monitoring of the condition of soil

LV has been in close collaboration with EV ILVO to conduct the soil campaign and assess the performance of the soil organic carbon model.

Following the delivery of the initial results of the SOC product by EV ILVO, LV performed the first evaluation, which showed that the accuracy of the SOC product needs to be improved to meet LV's business needs and deliver value to the organization. LV and EV ILVO will continue to work together in the coming months to improve the accuracy of the SOC model.

Monitoring organic farming requirements

Pilot testing the services within an operational environment with the participation of potential customers - focus on monitoring organic farming practices

- OCS and INOSENS had a few workshops to discuss and provide feedback on the ENVISION platform wireframes.
- They tested the first ENVISION platform and gave feedback on the efficiency of the platform, such as platform layout, page loadings, borders, and other general information.
- At the same time, they are working on gathering information from organic farmers and producers thru a survey created from the side of ENVISION partner UK Reading.
- The most important thing is that a connection has been established with GEO Serbia.

The next step that we can hardly wait for and which is the most important step for us in this project is to test the pilot platform made on the basis of all available data and connected to GEO Serbia.

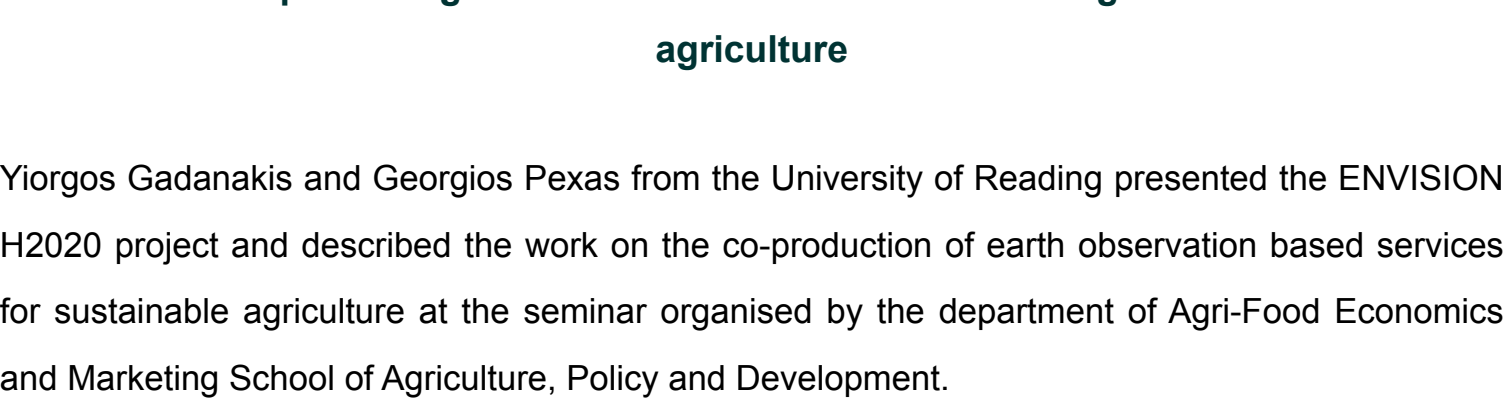
ENVISION EVENTS

EARTH OBSERVATION SERVICES IN SUPPORT OF AGRICULTURE AND COMMON AGRICULTURAL POLICY

On the 9th of February, ENVISION organised a Clustering event titled "Earth Observation services in support of agriculture and Common Agricultural Policy", with European projects NIVA, e-shape, DIONE, BEACON and EO-WIDGET dealing with Earth Observation technologies for monitoring of farm management activities with regards to sustainability, in compliance with the CAP's agri-environmental objectives and with nearly 300 participants.

The recording and the presentations are available on the ENVISION website:

<https://envision-h2020.eu/earth-observation-services-in-support-of-agriculture-and-common-agricultural-policy/>



ENVISION - Coproducing Earth Observation based monitoring tools for sustainable agriculture

Yiorgos Gadanakis and Georgios Pexas from the University of Reading presented the ENVISION H2020 project and described the work on the co-production of earth observation based services for sustainable agriculture at the seminar organised by the department of Agri-Food Economics and Marketing School of Agriculture, Policy and Development.

The recording and the presentation are available on:

<https://www.youtube.com/watch?v=9tE1zRQjya4&t=1885s>

<https://www.slideshare.net/EnvisionH2020/envision-coproducing-earth-observation-based-monitoring-tools-for-sustainable-agriculture>



PROJECT PARTNERS VISION

In the light of the new programming period 2021-2027 and with a focus on the new Agricultural Monitoring approach as specified in the Common Agricultural Policy (CAP), the National Paying Agency (NPA) is keen to get a tested and validated toolbox for being able to go ahead with an efficient and streamlined process. Since the Agricultural Monitoring approach will become mandatory for Paying Agencies by 2024, there is an urgent need for operational EO-based monitoring solutions to be in place already by 2023. ENVISION is the project which will provide the right solutions at the right time speeding up the overall process of CAP development.

The Department of Agriculture and Fisheries is very pleased to take part in the ENVISION project on the continuous and systematic monitoring of farm management activities. We will deliver all relevant data to The Flanders Research Institute for Agriculture (ILVO). We will also inform of the opportunities resulting from the EU CAP policy reform.

Cyprus Agricultural Payments Organization (CAPO) is looking forward to working for the success of this project as one of the two Paying Agencies in this partnership that will provide the necessary data and testimonies about the practical use of the project's outcome. CAPO will also participate in the communication and exploitation of the ENVISION services and products and in the commercialization and dissemination of the project's result.

CAPO is expecting the ENVISION project to provide a cost effective solution for monitoring through EO data provided by the Copernicus program that will meet the requirements of the new CAP. CAPO also expects to gain knowledge and expertise from the technologies and practices that will be implemented in the project.

Organic control system (OCS) is delighted to be part of the ENVISION project Consortium. Today, the IT solutions offered by Envision, represent a new serious challenge in tracking potential environmental problems in agriculture. OCS sees its participation in the Envision project as a serious challenge for further work in the organic agriculture sector through the development of new IT solutions with partners.

PROJECT PARTNERS

Organizations from 7 countries (Greece, Lithuania, Belgium, Cyprus, Serbia, United Kingdom and Slovenia) working together in the 3 years of the project duration. Join us on the journey of developing sustainable agriculture through advanced Earth Observation solutions and practices.



TIMELINE

September 2020 – August 2023



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