

Good Practice Workshop

FINAL AGENDA

Assessment of environmental impacts of the CAP

12 – 13 June 2025

Wyndham Hannover Atrium
Karl-Wiechert-Allee 68, 30625
Hannover, Germany

**EU CAP Network supported by the European
Evaluation Helpdesk for the CAP**



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The EU CAP Network supported by the European Evaluation Helpdesk for the CAP will organise the tenth Good Practice Workshop on 12 – 13 June 2025 in Hannover, Germany, which will be kindly hosted by the German Federal Ministry of Food and Agriculture – Department CAP Strategic Plan, Direct Payments EAFRD, and the Deutsche Vernetzungsstelle Ländliche Räume - für die Gemeinsame Agrarpolitik der EU (DVS). The Workshop will focus on the possibilities of using big data and different data sources for assessing the environmental impacts of the CAP.

Supporting and improving environmental protection and climate action is a high priority for the EU, reflected in its ambitious objectives in these areas. The CAP is expected to play a role in both reducing negative impacts and contributing to positive impacts on the environment and climate. To assess this impact, various evaluations are foreseen based on multiple impact indicators for which high quality data needed to calculate them are expected to come from various established data sources.

Since 2016, the European Commission has emphasised the need to improve information gathering and data utilisation to support better policymaking, and highlighted **the potential of big data** as a way to **increase evaluation capabilities** enabling early detection of trends, faster feedback, evidence-based policymaking, and demonstrations of results to all stakeholders. Big data, referring to data sets of increasing volume, velocity and variety, is too complex or too large for traditional data-processing systems, and requires advanced tools and computing power. However, technological advances and digital innovations in agriculture can overcome this issue.

In the context of CAP evaluations, big data can be used to support evidence-based decision-making and policy implementation in CAP and refers to data such as remote sensing or earth observation (EO) data, in situ sensing or data linked to the Integrated Administrative and Control System (IACS). The big data can be processed to generate inputs for analytical work in the context of evaluations of environmental impacts of the CAP. In addition, Farm Accountancy Data Network (FADN) data offers microeconomic data and, although not considered per se big data, it can be combined with big data and form part of the wider datasets used for evaluations. The expansion of FADN to Farm Sustainability Data Network is a key step in enabling the provision of environmental data at farm level, in addition to economic data.

In relation to this Good Practice Workshop, the Thematic Working group (TWG-10) of the EU CAP Network supported by the European Evaluation Helpdesk for the CAP is developing guidelines for the assessment of the environment and climate architecture of the CAP. It will contain proposals for evaluation frameworks and data sources, including what might be needed to adapt this data to be able to use it for CAP Strategic Plans evaluations, as well as suggestions for appropriate methods, both for situations with more and less availability of data (stressing also limitations).



Aims of the Workshop

The overall objective of the tenth Good Practice Workshop is to showcase the possibilities of using big data and different data sources for assessing the environmental impacts of the CAP. The Workshops' specific objectives are to:

- **Build capacity of CAP evaluation stakeholders** about the usefulness of big data, including EO data, for evaluations of environmental impacts of the CAP.
- **Share knowledge through the exchange of practical experiences** from the use of big data for assessing environmental impacts of the CAP.
- **Provide an opportunity for networking and identification of needs for further support** for Managing Authorities, Paying Agencies, CAP networks and evaluators in relation to the use of big data for the assessment of environmental impacts of the CAP.

Target audience

The Workshop will be an opportunity for Managing Authorities, CAP networks, Paying Agencies, evaluators, EU-level evaluation experts, and other evaluation stakeholders in the Member States to exchange with each other. Researchers and experts with experience in the use of big data and EO data will also be present to provide specialised input. The working language for all aspects of the Workshop (e.g. presentations, Q&As, interactive group work, potential side-activities) will be English, and participants are expected to interact in this language.

Outcomes

The presentations of the speakers and an event report synthesising the key outcomes of the Workshop will be published on the [event page](#) of the EU CAP Network website after the Workshop has taken place.

Contact information

For any further information or questions, please contact the European Evaluation Helpdesk for the CAP: evaluation@eucapnetwork.eu / Tel. +32 2 808 10 24



Timing	Final agenda - 12 June 2025
12.00	Registration with a light lunch and coffee available
13.00	Introduction to Day 1
13.30	Overview of the possibilities to use of big data for assessing environmental impacts of the CAP
13.50	Practical Examples <ul style="list-style-type: none"> • Using SEN4CAP Earth Observation Markers for Evaluating Soil Erosion (University of Patras) • Using data from the Copernicus Land Monitoring Services (EEA) • Assessing CAP impact on soil carbon stocks with big data in the RDP Sicily, Italy (CREA)
15.00	Coffee break
15.30	Group discussions on the challenges for using big data for the assessment of environmental impacts of the CAP
16.30	Sharing conclusions of Day 1
17.00	End of Day 1
18.00	Cultural activity
20.00	Social dinner
Timing	Draft agenda - 13 June 2025
09.00	Registration with coffee available
09.30	Introduction to Day 2
10.00	The possibilities offered by FSDN and its links with other datasets (DG AGRI)
	Practical examples <ul style="list-style-type: none"> • Environmental impacts of the CAP 'Greening' obligations – A counterfactual exercise in the Spanish context (JRC) • Leveraging data from EO, IACS and Citizen Science in Germany's farmland biodiversity monitoring (Thünen Institute for Rural Studies)
11.15	Coffee break
11.45	Groupwork on actions to take for the use of big data in evaluations of environmental impacts of the CAP
12.30	Sharing conclusions of Day 2
13.00	End of Day 2, followed by a lunch
14.00–17.00	Field trip – Maximum of 40 participants



EU CAP Network *supported by*

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