



Study to reconcile the mitigation potential of the EU Common Agricultural Policy with greenhouse gas inventories and projections

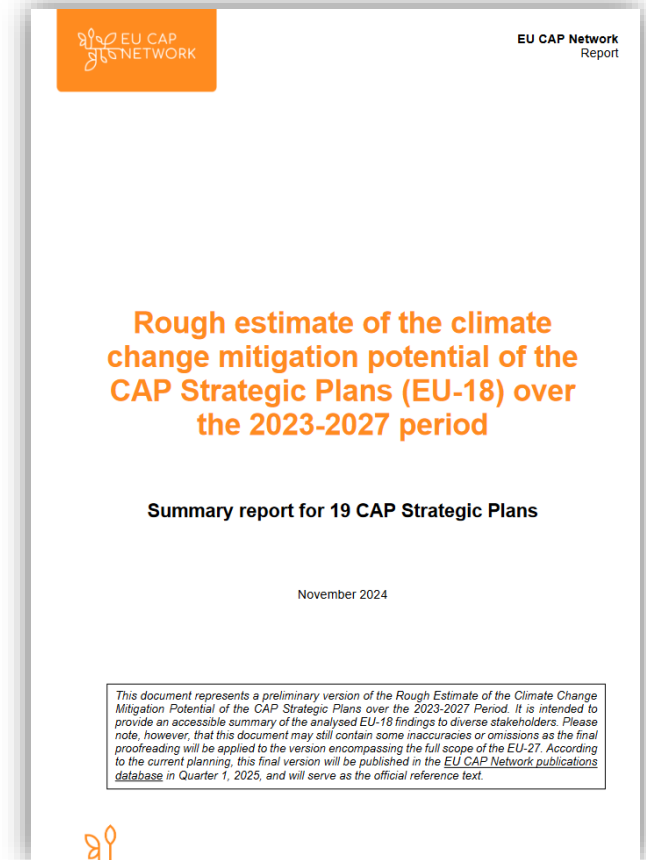
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JRC/EEA LULUCF Workshop 2025, Ispra, 06/05/2025

Background

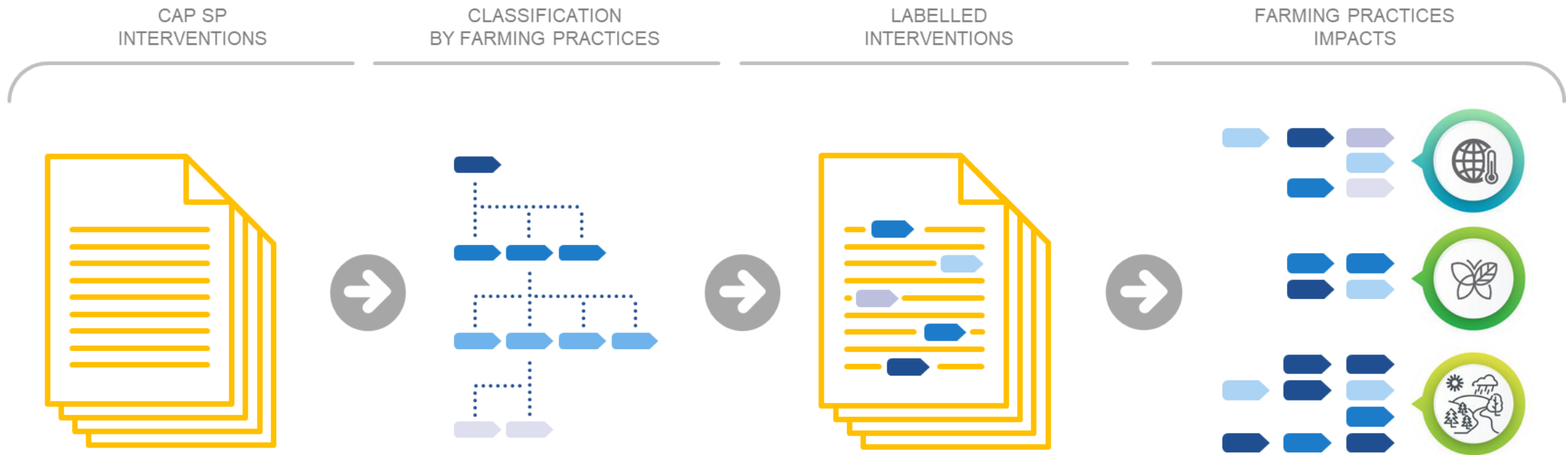
- Climate mitigation potential of the CAP Strategic Plans (CSPs) has been assessed by the Evaluation Helpdesk (EH - DG AGRI)
 - EU 18 study published Nov 2024
 - EU 27 will be published soon
- Classification of farming practices included in the CSPs (JRC)
- Labelling of the strategic plans (JRC/AGRI)
- Estimates done by farming practice
- Using coefficients from scientific literature (part from JRC work on meta-analyses)



EU 27 published soon

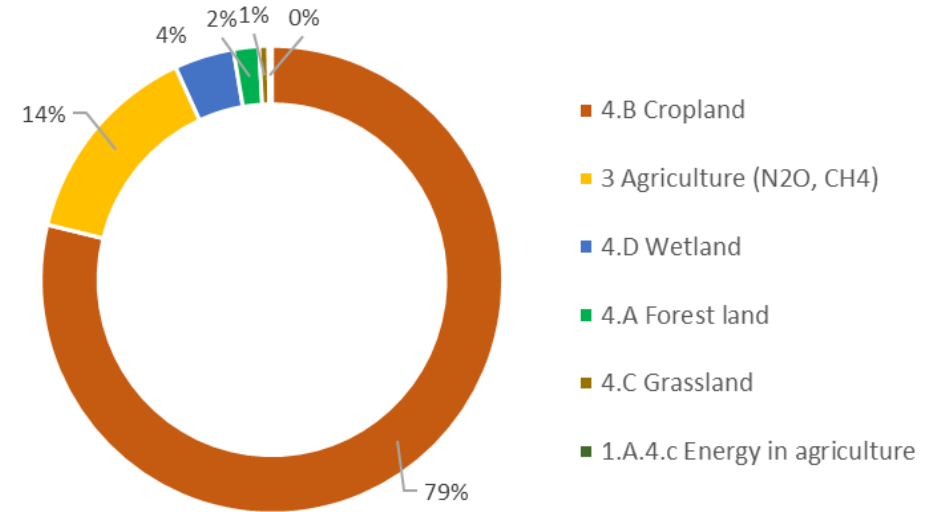
- Classification: Angileri, 2024 <https://publications.jrc.ec.europa.eu/repository/handle/JRC133862>
- Labelling: Weiss, 2024 [CAP Strategic Plans - Data page](#)
- EH study: https://agriculture.ec.europa.eu/common-agricultural-policy/cap-overview/cmef/sustainability/climate-change-mitigation-potential-csp-eu-18-2023-27_en

Classification of the farming practices and labelling of the CAP Strategic Plans



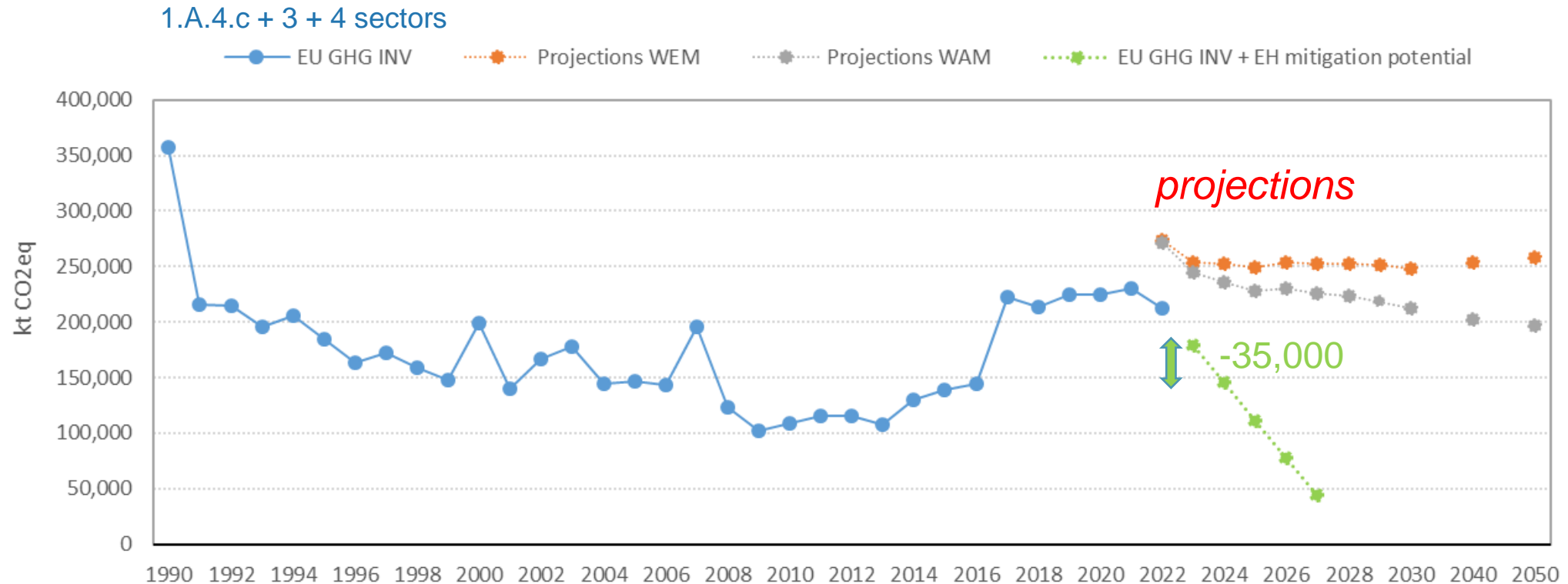
Results from EH study

- Result: -35,072 kt CO₂eq/year for EU 27, including:
 - energy in agriculture (1.A.4.c)
 - sector 3 (3.A, 3.B, 3.D)
 - sector 4 (4.A, 4.B, 4.C, 4.D)
- DG AGRI and DG CLIMA tasked JRC and EEA with evaluating the consistency of EU and MS mitigation potential with reported data for GHG inventory and scenarios



CAP SPs mitigation potential by emission categories as estimated in the EH study

GHG inventory and projections for agriculture-related emissions



Source of data:

- EU GHG inventory: EEA, 2024
- Projections: EEA, 2024
- EH mitigation: dataset February 2025

WEM: with existing measures
WAM: with additional measures

How are the two systems structured?

GHG inventory

By emission category

1.A.4.c Energy in agriculture

3.A Enteric fermentation

3.B Manure management

3.C Rice cultivation

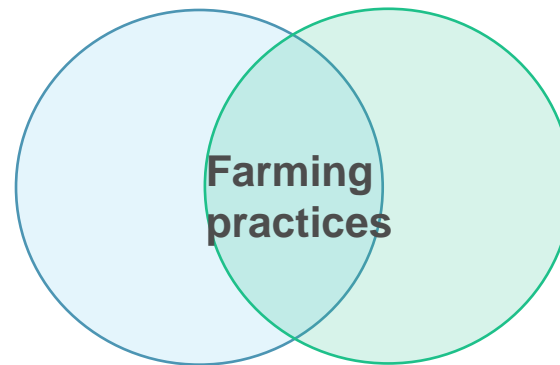
3.D Agricultural soil

4.A Forest land

4.B Cropland

4.C Grassland

4.D Wetland



CAP Strategic Plans

By intervention

GAEC

AECM

Eco-schemes

Sectoral interventions

Investments

Direct payments

Guiding questions

- How much of CAP farming practices are already reported in activity data in the GHG inventories?
 - How is the mitigation estimated in the two systems?
 - How many of the CAP farming practices were already implemented in the previous CAP?
 - Are the national teams working on GHG and CAP exchanging information?
- A cross check of estimates would be beneficial for both systems:
- To improve the estimates on the CAP SPs mitigation potential
 - To promote the inclusion of CAP interventions in the GHG inventory
 - Potentially also for carbon farming, to start preparing a reference for the additionality

Streamlining the GHG emission mitigation potential of the Common Agricultural Policy and the EU GHG inventory: initial evaluation of approaches

When: Started April 2025 – to be closed by December 2025

Who: Led by JRC and EEA, in collaboration with DG CLIMA and DG AGRI

What: Steps of the analysis:

1. Select the Member States
2. Match farming practices in EH study and in GHG inventory
3. Assess methodologies and coefficients
4. Assess the implementation of practices over time
5. Assess the estimated potential of farming practices in line with the IPCC methodology.
6. Comparison with MS projections

➤ Provide a set of recommendations for enhancing harmonized approaches

Selection of Member States

- Quality of the inventory (4.B)
 - MS share of EU GHG emission from agriculture
 - MS contribution to the EH mitigation potential
 - Size of the country (UAA)
 - Size of EH GHG estimate compared to inventory GHG emission
 - Potential interest of MS and MS agencies
- 3 MS will be selected from a short list
 - Any interest or on-going projects in your country that we need to be aware of?

Thank you



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