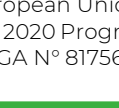




**MIND
STEP**



European Union's
Horizon 2020 Programme
GA N° 817566



MODELLING INDIVIDUAL DECISIONS TO SUPPORT THE EUROPEAN POLICIES RELATED TO AGRICULTURE

The 8th and final newsletter of the MIND STEP project.

Dear MIND STEP community,

As we close the chapter on a remarkable four-year journey, we are thrilled to present the culmination of our efforts in sustainable agriculture and policymaking. The MIND STEP project has been an exploration, an innovation, and a commitment to fostering positive change in the agricultural landscape. Join us in reflecting on our achievements, with a spotlight on the groundbreaking MIND STEP toolbox and the impactful Final Event held in Brussels.

WHAT IS MIND STEP?

MIND STEP is an EU funded Horizon 2020 research and innovation action aiming to improve exploitation of available agricultural and biophysical data and will include the individual decision making (IDM) unit in policy models.

The overall ambition of MIND STEP is to support public decision making in agricultural, rural, environmental and climate policies, taking into account the behaviour of individual decision-making units in agriculture and the rural society. [Read more](#) | [Download the project flyer](#)

WHAT CAN YOU FIND IN THIS NEWSLETTER?

- 📄 Recordings from the Final Event and some notes from the Final Partner Meeting
- 📄 An overview of the key points of the MIND STEP Toolbox
- 📄 A spotlight on our latest Open Access Research Articles
- 📄 Highlights from the MIND STEP Final Event
- 📄 The Final Thank You

LATEST NEWS FROM MIND STEP



Recordings from the Final Event

MIND STEP's journey culminated in the Brussels Final Event, on the 26th of October. A day of profound discussions and gratitude for the invaluable contributions from experts, policymakers, and stakeholders. This event addressed pivotal questions shaping the future of EU agriculture. [Watch the final conference here.](#)



Final Partner meeting

Following the Final Event's conclusion, MIND STEP partners gathered for a final in-person meeting to review the project's 4-year accomplishments.

Discussions centered mainly on finalizing remaining deliverables, concluding the project on a note of pride, satisfaction, and anticipation for the future.

MIND STEP TOOLBOX: EMPOWERING DECISION MAKERS

At its core, the MIND STEP toolbox reshapes decision-making in agricultural, rural, environmental, and climate policies. With farm-specific analyses and enhanced policy reflections, this innovative toolbox fosters collaboration across scales. [Check out the Toolbox here!](#)

KEY ACHIEVEMENTS AND TRANSFORMATIVE CAPABILITIES

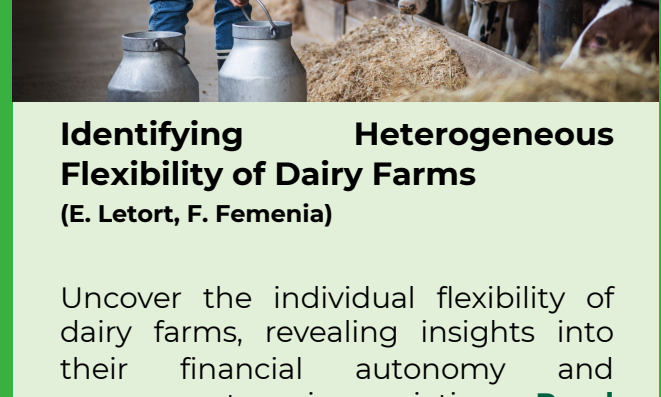
- 📄 **Better Farm Heterogeneity Representation:** MIND STEP excels in modeling individual decision-makers' behavior in agriculture. Bio-economic, farm-level, and econometric models leverage EU Farm Accountancy Data Network (FADN) data, providing a nuanced understanding of diverse farms. The toolbox tackles biophysical heterogeneity, refining environmental modeling. Surveys, risk modules, and modular designs showcase its adaptability.
- 📄 **Interactions Between Farms:** Innovative models focus on farm interactions, estimating exit rates, investigating preferences, and capturing market power. Integration of detailed farm models into regional agent-based models signifies a technical breakthrough, addressing structural changes and spatial distribution.
- 📄 **Improved Data-Model Interfaces:** Contributions to IFM-CAP, GLOBIOM, and MAGNET enhance micro-economic modeling accuracy. Harmonizing production systems and addressing risk representation and greenhouse gas reduction potentials signify critical advancements.
- 📄 **Transparency, Sustainability, and Validation:** MIND STEP's roadmap prioritizes transparency, sustainability, and validation. The toolbox's proof of concept underscores collaboration's importance for accurate policy evaluations. Stakeholder workshops ensure ongoing adjustments, validating data and models.

OUR LATEST OPEN ACCESS RESEARCH ARTICLES



Dutch Dairy Farmers' Adoption of Climate Mitigation Measures (S. Wang, J. Höhler, F. Ang, A. Oude Lansink)

Understand the socio-psychological and socio-demographical factors influencing Dutch dairy farmers' adoption of climate mitigation measures. [Read more](#)



Identifying Heterogeneous Flexibility of Dairy Farms (E. Letort, F. Femenia)

Uncover the individual flexibility of dairy farms, revealing insights into their financial autonomy and responses to price variations. [Read more](#)

HIGHLIGHTS FROM THE FINAL EVENT

Exploring the Path Forward:

Discussions navigated the transformative decade ahead for EU agriculture. Key areas, including sustainability, farm income, structural changes, food security, and the impact of climate policies and technology, demanded a multidisciplinary approach.



The Role of Modelling:

Years of dedicated work empowered MIND STEP to develop individual farm models, offering insights into behavioral aspects, risk management, technology adoption, eco-schemes, crop management, and regional structural changes.



Bridging Policy and Science:

The event aimed to bridge the science-policy gap, presenting a toolbox for EU agricultural and environmental policy analysis at the farm scale. MIND STEP's results and policy recommendations promise a significant impact on sustainable agriculture, addressing challenges and fostering innovation.



An Insightful Day:

Featuring presentations from the MIND STEP team, EU Commission, and farmers' organization, the event provided essential insights into the project's achievements and future prospects. Panel discussions emphasized the significance of MIND STEP's results for EU policies and various stakeholders.



A Collaborative Effort:

As we concluded this event, we emphasized that our journey didn't end there. Together, we've initiated a new era of technical, agronomic, environmental, and economic modeling, fostering collaboration in the policy process and design.



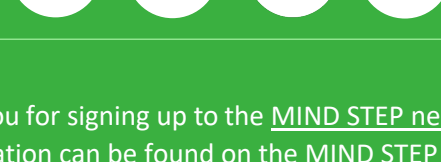
A FINAL THANK YOU

As we bid farewell to the MIND STEP project, we express our gratitude to everyone who has been part of this transformative journey. The insights gained and innovations developed will undoubtedly shape the future of sustainable agriculture.

Thank you for being part of the MIND STEP community.

Sincerely,
The MIND STEP Team

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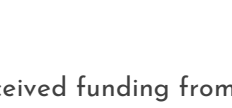
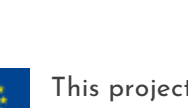


Thank you for signing up to the [MIND STEP newsletter](#). Further information can be found on the [MIND STEP project website](#)

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PARTNERS



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