

EU CAP Network seminar

Robotics and Artificial Intelligence in farming and forestry

AGENDA

Update 19 February 2025

19-20 February 2025 | **Utrecht, The Netherlands**

Innovation and Knowledge exchange | EIP-AGRI



Funded by
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Scope of the event

The seminar on Robotics and Artificial Intelligence (AI) in farming and forestry has three main goals:

- › **Demonstration:** Showcase current technologies and projects, allowing participants to see real-world applications and benefits
- › **Learning:** Facilitate knowledge exchange with experts, providing insights into robotics and AI and their successful implementation.
- › **Networking:** Encourage collaboration and partnerships, fostering a community focused on advancing robotics and AI in agriculture and forestry.

The specific objectives of the seminar are to:

- › Introduce participants to the fundamental concepts and benefits of robotics and AI in agriculture and forestry;
- › Provide specific, tangible examples of successful use cases of AI and robotics in agriculture and forestry, demonstrating economic and operational improvements to inspire broader adoption;
- › Showcase practical applications of these technologies in key processes, including e.g. planting, sowing, irrigation, pest and weed control, harvesting and post harvesting, packaging, forest management, animal welfare and animal husbandry;
- › Identify the challenges and opportunities related to the adoption of robotics and AI, and explore potential solutions to promote these technologies across Europe;
- › Promote networking among EIP-AGRI Operational Group (OG) projects, other innovation projects, Horizon Europe multi-actor projects and relevant stakeholders;
- › Identify the needs for capacity building, training, cooperation and skills to enable the effective adoption and implementation of robotics and AI technologies in farming and forestry;
- › Identify practical research needs from practice and possible knowledge gaps that can be addressed through new research and innovation, ensuring that future projects are well-targeted and impactful.

More information on the [event webpage](#).



Final agenda

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Timing	Day 1: Wednesday 19 February 2025
8:00 - 8:30	Registration day 1
8:30 - 9:25	Introduction to the seminar <ul style="list-style-type: none"> › Welcome and opening - <i>Jan-Kees Goet, Secretary-General of the Ministry of LVVN (Agriculture, Fisheries, Food and Nature) and Taru Haapaniemi, Member of Cabinet - Agriculture</i> › Agenda and rules of dialogue › Icebreaker
9:25 – 9:40	Keynote session <ul style="list-style-type: none"> › The future of Agriculture: The role of Robotics and AI - <i>Federico Menna, Chief Executive Officer, EIT DIGITAL</i>
9:40 - 10:10	<i>Coffee break</i>
10:10 - 12:00	Interactive session I <ul style="list-style-type: none"> › Identify the challenges and opportunities related to the adoption of robotics and AI, and explore potential solutions to promote these technologies across Europe
12:00 – 12:50	<i>Networking lunch</i>
13:00 - 18:00	Field visits to inspiring initiatives using robotics and AI Practical examples of technologies and key processes <ul style="list-style-type: none"> › Flevoland: Arable farming and forestry › Foodvalley: Intensive livestock › Betuwe: Fruit cultivation › South Holland: Dairy and horticulture
19:00 - 22:00	<i>Networking dinner</i>



Timing	Day 2: Thursday 20 February 2025
8:30 - 9:00	Registration day 2
9:00 - 9:10	Feedback from day 1
9:10 – 9:20	Keynote session <ul style="list-style-type: none"> › Backing visionary entrepreneurs - <i>Ivan Stefanic, EIC Programme Manager for Food Chain Technologies and Novel & Sustainable Food, EISMEA</i>
9:20- 11:00	Poster session Examples of successful use cases of Robotics and AI in farming and forestry
11:00 - 11:30	<i>Coffee break</i>
11:30 – 11:40	Keynote session <ul style="list-style-type: none"> › Opportunities for Research and Innovation - <i>Francesco Iadecola, European Commission, DG Agriculture and Rural Development, Research and Innovation, Unit F2</i>
11:40 – 13:00	Interactive session II <ul style="list-style-type: none"> › Needs for capacity building, training, cooperation and skills › Practical research needs from practice, knowledge and innovative solutions
13:00 – 13:10	Evaluation of the seminar
13:10 – 13:20	Closing words <ul style="list-style-type: none"> › Closing words - <i>Marta Iglesias, European Commission, DG Agriculture and Rural Development</i>
13:20 - 14:30	<i>Networking lunch and goodbye</i>

