EU CAP Network seminar
Robotics and Artificial Intelligence in farming and forestry

AGENDA

Update 24/10/2024

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

Seminar on Robotics and AI in farming and forestry

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](#).

Draft outline agenda

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Timing	Day 1: Wednesday 19 February 2025
8:00 - 8:30	Registration day 1
8:30 - 9:00	**Introduction to the seminar** › Welcome and opening › Keynote session: 'The future of Agriculture: The role of Robotics and AI' › Q&A
9:00 - 10:00	**Examples of successful use cases of AI and robotics in agriculture and forestry**
10:00 - 10:30	*Coffee break*
10:30 - 12:00	**Interactive session I:** 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 - 14:00	*Networking lunch*
14:00 - 18:00	**Field visits** to inspiring initiatives using robotics and AI › Showcase practical initiatives of these technologies in key processes, including e.g. planting, sowing, pest and weed control, harvesting and post harvesting, packaging, forest management, animal welfare and animal husbandry
19:00 - 22:00	*Networking dinner*

Funded by the European Union

Timing	Day 2: Thursday 20 February 2025
8:30 - 9:00	Registration day 2
9:00 - 9:15	**Feedback from day 1**
9:15 - 10:30	**Interactive session II** ❯ Needs for capacity building, training, cooperation and skills to enable the effective adoption and implementation of robotics and AI technologies in farming and forestry ❯ Practical research needs from practice and knowledge gaps that can be addressed through new research and innovation, ensuring that future projects are well-targeted and impactful
10:30 - 11:00	*Coffee break*
11:00 - 12:30	**Interactive session III: Future collaboration, peer-to-peer exchanges**
12:30 - 12:45	**Evaluation of the seminar**
12:45 - 13:00	Closing words
13:00 - 14:30	*Networking lunch and goodbye*