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HELLO, NETWORK!

We are happy to welcome both old and new readers to our quarterly newsletter! The purpose of this letter is to keep you updated on what is happening across the network and to share relevant topics. Don't hesitate to contact us with any input or ideas on what to highlight here!

[Contact](#)

New member: Agtech Sweden

We are pleased to welcome Agtech Sweden as a new member of the Nordic Testbed Network! Agtech Sweden is a national innovation platform for agricultural technology, connecting farmers, researchers, tech specialists, and inventors to develop, test, and commercialize new technologies. As a platform, they offer innovation support, project management, funding guidance, matchmaking, and real-world testing environments. Examples of projects include robots for indoor and field work, drone systems, sensor and satellite systems with spectral imaging for precision farming as well as AI and sensor technologies for animal monitoring.



[Website, stuffed with news!](#)

New member: ENVOLVE 2

We are pleased to welcome ENVOLVE 2 as a new member of the Nordic Testbed Network! ENVOLVE 2 is an initiative focused on accelerating the blue and green transformation in Halland, Sweden, bringing together industry, academia, and the public sector. The platform supports companies working with exponential technologies — from AI-driven water monitoring and satellite data analytics to algae biorefining and regenerative agriculture — helping them scale, find funding, and establish operations in Halland. They are planning a physical innovation node at the Swedish west coast, to be designed as an industrial symbiosis site. It will co-locate algae cultivation, biorefining, and residual stream processing — creating a living testbed where companies can pilot and demonstrate circular bioeconomy solutions in a real-world setting.



[Contact David to find out more](#)

The Troëdsson forestry teleoperation is upgraded!

An important update of the Troëdsson forestry teleoperation is that the machine is equipped with a remote-control module, which allows the systems to be connected directly without complicated intermediate steps. In addition, Skogforsk gains access to important technical information. With the new Komatsu forwarder, the opportunities to collaborate with other research practitioners increase (photo).

Skogforsk collaborates with Umeå University, which has long worked with Komatsu machines in research. Much of the research focuses on pre-training AI models on synthetic data generated from large numbers of simulations. With the new forwarder, achieving higher transferability and faster iterations in that research becomes easier.



[Next step in automation \(Swedish\)](#)

Digital Insect Traps and Drone-Based Yield Measurement at the



Testbed for Digitalized Agriculture (RISE)

In 2025, winter wheat was grown in three large plots at the Testbed for digitalized agriculture in Uppsala operated by RISE. The fourth fallow plot was used to capture weed images for the Practical Vision project, which develops AI-based weed identification, and to test sensors on autonomous vehicles. Drone flights over the wheat plots were conducted several times, providing data to develop the Phenoyard software for estimating yield before harvest. Flower mixtures were grown around the plots to increase insect activity, where Tegbot's digital insect trap (photo) was tested. Planning for 2026 is underway, with new crops and continued testing by Phenoyard, Tegbot, and additional companies.

[Exciting? Contact camilla.persson@ri.se for more information](mailto:camilla.persson@ri.se)



Technology list for a blue Baltic testbed has been developed

Within the MarTe project, the most relevant technologies for further development in Estonia and Latvia have been identified to support the broader goal of advancing a sustainable blue economy. Across all addressed blue economy sectors – maritime transport, shipbuilding, renewable energy, port activities, and marine living resources – the need for digital tools and data-driven models is evident. These solutions are essential for route planning and navigation, port logistics, low-trophic aquaculture management, and for enabling autonomous systems in shipbuilding and offshore wind parks. The next step is to develop action plans that create the supportive conditions needed to advance the selected technologies. MarTe is a Horizon Europe project that connects Estonia and Latvia to strengthen marine research, innovation, and sustainable technology development across the Baltic Sea region.



Photo: LHEI/Latvian Institute of Aquatic Ecology

[Want to know more?](#)

Save the Date: CIGR–EurAgEng World Congress 2026 in Turin

The CIGR–EurAgEng World Congress 2026 will take place on 24–26 June 2026 in Turin, Italy. This international congress is highly relevant for those working in agriculture and biosystems engineering, covering topics such as AI, smart farming, robotics and sustainability. It brings together researchers, engineers and industry stakeholders for knowledge exchange and networking. If your work relates to these areas, this is a key event to keep on your radar. Keep an eye on updates regarding registration and the programme.

[Find more information here](#)

EU Funding Opportunity: AI in Science (Agriculture & Environmental Pollution)

A new Horizon Europe call (HORIZON-RAISE-2026-01-02) is now open, supporting the creation of a European Network of Excellence applying AI in agriculture and environmental research. The project will focus on building shared data, models, standards, and a joint research agenda to address key challenges. This is a single-stage call with a total budget of €12.8 million for one project. The deadline for submission is 21 April 2026. Organisations across academia, research and industry are encouraged to participate.

[Time to apply!](#)

Upcoming Norwegian Funding Call for Agri-Food Technology

The Norwegian Research Council are launching a call to promote the development and use of technology in agriculture and food production. It will be a national call, meaning that only Norwegian research institutions can apply. However, foreign research organisations can join as partners. The portfolio board has set aside just over NOK 50 million for this call and the planned application deadline is June 10th. The open call has not yet been launched, but keep an eye out on their website:

[Find relevant calls](#)

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nordictestbednetwork.se sofie.p.andersson@slu.se