



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!

[Nordic Testbed Network online](#)

Physical event in Copenhagen: Digitalisation in action

We are very excited to meet up in Copenhagen on the **6th of October!**

We will see a range of digital technologies in action and learn about different use cases.

Several of these technologies, the benefits they bring and challenges they cause are relevant for all parts of the bioeconomy including agriculture, fishery and forestry.

Are you interested in joining? Please reach out to Tatiana.Proisy@analysismason.com before the 15th of September. The number of participants is limited, and we provide spots on a "first come, first served" basis.

Please see below short presentations of the exciting study visits we have planned.

[Read more](#)



Digitalisation and precision farming – drone and robot technology

Green robots are part of the future in agriculture and can become a major export success for Denmark. Robotti is a self-driving robot developed and produce in Aarhus which can autonomously implement a series of crucial tasks such as plow or remove weeds.

Photo: TV2 EAST JUTLAND

[Read more here](#)



Automatic phenotyping in greenhouses – digital management of irrigation

Copenhagen University leads long-term field trials as well as grows plants under highly controlled conditions simulating climate scenarios. The goal is to produce knowledge in relation to the green transition of agriculture and create more resilience in the agricultural sector.

Screenshot from: Copenhagen University

[Read more here](#)



AnEee EU-initiative – digital technology for measurement of humidity, wind etc

At Copenhagen University research is ongoing aiming to improve crop resistance and to reduce the environmental impact of crop production. To do so, the effects of fertilizers and crop rotation are analyzed in test fields. Digital and automated technologies are used to observe, measure and analyze the impacts of these elements.

Screenshot from: Copenhagen University

[Read more here](#)



Photo: Crop Innovation Denmark - CID

Camera technology to investigate root development

RadiMax is a screening facility located at University of Copenhagen and a high-performance computer cluster placed at Aarhus University. The project serves to test the impact of deeper roots plants' capacity to cope with water stress and to take up nutrients efficiently. The screening facility consists of v-shaped pits and mobile tents, in which plants will only receive irrigation from the bottom.

[Read more here](#)



Digitalised fruit, berry and nut production – robot technology to monitor plant status

The Pometum contains approximately 750 apple varieties, and around 100 varieties of other fruit species. The orchard is used for teaching and research and is part of the Nordic Gene Bank. Today digital technology, including drones and robots, is supporting the monitoring of plant status.

Photo: Copenhagen University

[Read more here](#)

An exciting opportunity from Jamk University

Dinex Finland Ltd. wants your solution!

Dinex is looking for solutions and technology which allows the company to reduce the amount of waste generated in the catalyst preparation process as well as to recover the critical elements from the industrial residues. The aim of the DinexHackathon is to find more efficient #solutions, #technologies and business partners for recovering and recycling the high value metals and critical elements from the liquid washcoat slurries and washing waters generated in the process. In ideal case, all these elements would be recovered from the aforementioned waste and recycled back to the process, replacing the need for virgin raw materials. #Circulareconomy at its best!

BioPaavo's hackathons are a great way to great new demand-driven business. Everyone is welcome to submit an idea - and lack of existing business is not a problem (BioPaavo is happy to help with that!).

REGISTER YOUR IDEA BY THE 15TH OF SEPTEMBER:

[Find Dinex here](#)

SHARE TO



Get in contact

You are always welcome to contact us with any questions and to share your news with us!

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At the Nordic Testbed Network's webpage, you can read more about our network members and keep up to date with the activities organised.



[Mail us](#)

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