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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!

[Nordic Testbed Network website](#)



Join the AgriVenture days 7-8th June 2023

Our member Smart Bioeconomy Testbed in the Bioeconomy Campus of Jamk University in Saarijärvi, Finland, is organising AgriVenture days on the 7th and 8th of June. The event will focus on themes such as data driven agriculture, verification and traceability in sustainability and food chain, data management, digital resilience in food chain and more through two days of networking, presentations and demonstrations! Startups, SME's, scale ups, corporations, investors, business angels, developers, universities, R&D institutes, educational organisations and primary producers engaged in

the development of a sustainable food chain are welcome. The aim is to join forces to speed up the uptake of sustainable technologies in agri-food systems.

Photo: AgriVenture

Keydates:

31.3.2023: Early Bird Registration Deadline

30.4.2023: Late Bird & Pitching Contest Registration Deadline

7.-8.6.2023: The Event!

[Interested? Learn more and register here](#)



Call: Digital Life Industry Internship 2023

The research and innovation programme Digital Life Norway is currently recruiting for the 4th round of their PhD internship program. The program matches PhD students in Norway with non-academic placements for three months, specifically in the biotechnology industry. The salary, travel and accommodation costs for the

interns are covered by Digital Life Norway.

The program is looking to expand internationally and is seeking non-academic partners who would be interested in submitting a project proposal for an intern. Industry/start-ups and public sector hosts are specifically sought after, and Finland and the Baltics are of particular interest.

The deadline for project proposals is March 12.

Want to learn more about the opportunity? Contact contact@digitallifenorway.org

Photo: Digital Life Norway

[Read more here](#)



ACE facility upgrade and opportunity for EC-funded infrastructure access at SINTEF Ocean

As part of the Oceanlab research infrastructure project funded by the Norwegian Research Council, SINTEF Ocean is upgrading the ACE



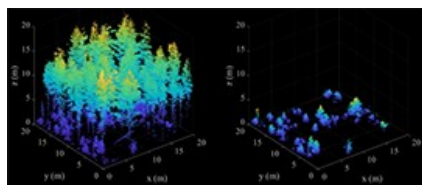
facilities to better support technological research in aquaculture. Onsite cabinets have been developed, they will provide power, internet access and computational power for equipment in the field, using high-speed radio link and fiber

connections as well as 4G backup. In addition, the project includes wireless sensors for measuring weather, waves, current, oxygen saturation, salinity and temperature.

The first cabinet is ready for deployment and two more are in production. In total, nine cabinet deployments are planned for this year. The infrastructure is available for both researchers and SMEs looking to conduct technological research in full scale aquaculture settings, with EC-funded access possible through the AQUAEXCEL3.0 project supported by the EU's Horizon 2020 Framework Programme.

Photos: SINTEF

[Interested? Apply for funding here](#)



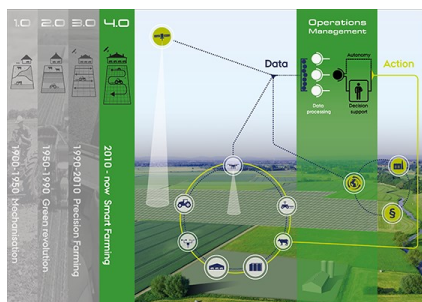
Mistra Digital Forest: Multispectral laser scanning

Eva Lindberg and her team at SLU are using multispectral laser scanning to create highly detailed maps of forests. By scanning with laser light at multiple wavelengths, they are able to identify different tree species, which can aid in biodiversity evaluation and forestry planning.

This innovative technology, which is being developed as part of the Mistra Digital Forest project, allows for mapping of large, forested areas with unprecedented accuracy. The potential applications for this research are vast and could have a significant impact on the future of forestry management.

Screenshots: top layer of trees (left) and identification of the lower layer of vegetation (right) after removing the trees from the image. By Mistra Digital Forest.

[Curious? Read more here](#)



EU grants to the digital and bio-based agriculture of the future

"The green transition and digital transformation are the Siamese twins of the agricultural sector. New digital technologies will make agricultural production more efficient, environmentally friendly and climate-neutral. However, intelligent equipment is not just about technologies as it must also be adopted by users. This is a key challenge", says Claus Aage Grøn Sørensen, professor at the Department of Electrical and

Computer Engineering at Aarhus University.

He is heading the Danish contribution for three new EU projects developing solutions for the future technologies of the agricultural sector: **BioRural**, **Commect** and **SPADE**.

Photo: The ecosystem of digital farming, Aarhus University

[Learn more here](#)

Reading recommendations from our member FITPIG

The acceptance of innovation and societal impact of innovation are topics of interest to several of our network members. We would therefore like to share three articles on this subject, co-authored by our member Oleksiy Guzhva:

- [The Hitchhiker's Guide to Integration of Social and Ethical Awareness in Precision Livestock Farming Research \(2021\)](#)
- [Editorial: Integration of Ethical and Social Aspects Into Precision Livestock Farming—Achieving Real-World Impact Responsibly \(2021\)](#)
- [Practical Precision Livestock Farming: Chapter 21: The unintended \(and unconsidered\) consequences of PLF: ethical and social considerations of PLF running the farm \(2022\)](#)

[More about FITPIG](#)

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