



CMMS system improvements

ALOJA STARKELSEN HACKATHON

Aloja Starkelsen Ltd invites you to find solutions for a more efficient and sustainable production process through a planned CMMS (Computerised Maintenance Management System) system and a logical strategy for equipment servicing and spare parts warehouse maintenance, while creating a streamlined and easy-to-operate programme.

Join the event to solve the challenge and develop an efficient system for servicing equipment and maintaining a spare parts warehouse!

What is it about?

The aim of the CMMS system improvement development, more efficient equipment servicing and spare parts warehouse maintenance is to obtain a technical specification or terms of reference for a software developer who will work together to create a working, easy-to-use system and save natural, material and human resources, making the product more competitive and greener.

#AlojaStarkelsen #BioBoosters #AlojaHackathon #MadewithInterreg #boostyourbusiness

Welcome to solve the challenge!



What is Aloja Starkelsen looking for?

The challenge is looking for an easy-to-use electronic tool to keep track of:

- **Scheduled maintenance** of equipment
- **Collect statistics** on equipment downtime and reasons
- **Maintain an optimal** spare parts balance with automatic ordering tasks depending on the balance
- **Link equipment** to outsourcers and spare parts suppliers
- **Ensure** fast response times and solutions for specific service tasks
- **Allocate** tasks and workers according to the competencies required to perform the work;
- **Defining** the scope of work with the number of people required, estimated time consumption, tools to be used
- **Establishing** the roles and access levels of system users
- **Categorisation** of tasks by priority and group
- **Connection** of company buildings and infrastructure objects to the system (currently only equipment)
- **Integration** of the repair and improvement work plan into a single system with the production plan to reflect the availability of equipment to meet production plan targets
- **Statistics**, process visualisations
- **Other options** that could be used to achieve the above objectives.

The solutions developed will be evaluated mainly on the basis of the following criterion: the efficiency of the solution, comparing the resources required (natural, human and financial) with the performance of the system.

What is “Aloja Starkelsen”?

“Aloja Starkelsen” Ltd. is a food raw materials producer, focusing on raw materials of different specifications of legume protein, starch and potato starch, as well as the development of food (animal nutrition) solutions based on ingredients obtained through sustainable agricultural practices and gentle processing, minimising environmental impact and maximising the natural properties of the raw material in the final product.

[More about the company](#)



Hackathon participants

The hackathon is open to all interested teams: technology companies, IT product managers and planners, logistics, warehouse and production facilities service and planning specialists, student teams and researchers.

The Hackathon challenge is international and the working language of the events is English. Participation in the hackathon is free. International teams from the Baltic Sea region (Norway, Sweden, Denmark, Germany, Poland, Estonia, Latvia and Lithuania) will also be offered travel reimbursements.

[Read more about the rules here](#)

Hackathon jury

The jury consists of representatives of “Aloja Starkelsen” Ltd, that are supported by representatives of the organiser.

Why should You participate in the Aloja Starkelsen Hackathon?

As the winning team of the hackathon, you will be entitled to sign a system supply contract with “Aloja Starkelsen” Ltd. In addition, you will have the opportunity to:

- Network with other companies and professionals interested in this field
- Establish international contacts and networking in your field of interest
- Test your idea with direct feedback from a potential customer and learn how to adapt your solution idea to the needs of end-users
- Develop the commercialisation potential of your idea and discover new business opportunities with the support of expert mentors
- Gain international recognition and visibility.

Timetable

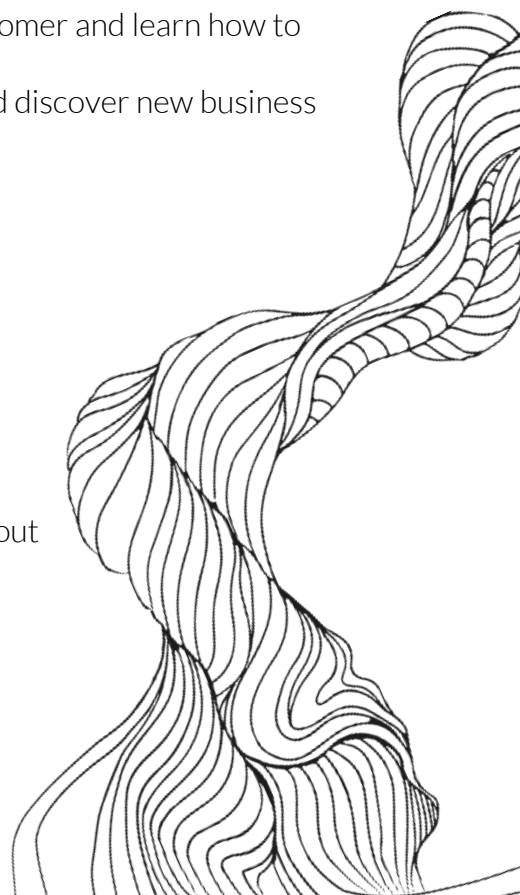
12 OCTOBER: Launch webinar

9 NOVEMBER: Deadline for team applications

10 - 15 NOVEMBER: Team selection

16 NOVEMBER: Kick-off event where participating teams and representatives of the Challenge sponsor company will meet. Company representatives will tell the teams more about the challenge.

30 NOVEMBER - 1 DECEMBER: Hackathon Days (2-day event). At the end of the day the winning team(s) will be selected.



More information

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Organiser

Vidzeme Planning Region

In collaboration with

Project “BioBoosters” started in January 2023 and is implemented by partners from Finland, Sweden, Germany, Poland, Estonia, Latvia and Lithuania. The project will run for three years and has a total budget of €2.8 million. The project is co-funded by the Interreg Baltic Sea Region Programme.

[More information about the project](#)



APPLY HERE