



## Study visit to Finland

**Our goal is to improve the economic viability of regional biogas production, increase its efficiency and facilitate new facilities. In April we arranged a tour to three biogas producers in Finland. The project group from Sweden, Norway and Finland, together with partners representing biogas producers, and stakeholders, in Sweden and Finland were invited. Here you can read more about the study visits and some updates about the project.**



Emelia Holmström, Stormossen, shares knowledge about their biogas process

### A GREATER UNDERSTANDING

In April, Boost Nordic Biogas arranged a study visit to three biogas producers in Finland. Finnish, Swedish, and Norwegian biogas producers are the most important target groups. By asking biogas producers and creating a greater understanding for how they operate, we aim to identify challenges and finding solutions through research, new technology, networks, and knowledge sharing.

*“By arranging a study visit we noticed how different the conditions for biogas producers were, especially in terms of business models and production layout. Throughout the day there were many questions and good discussions. Knowledge sharing and networking are two of the main pillars in this project, so we are looking forward to upcoming study visits in Sweden. It would also be productive to visit Norway to get to know the conditions and the potential”*

- Andreas Willfors, project manager Novia UAS

### VISITS TO FINNISH BIOGAS PRODUCERS

#### Stormossen, Vaasa

Ab Stormossen Oy is a waste company owned by six municipalities, serving 105,000 residents and 6,000 businesses. They manage waste services and operate a biogas plant that turns household and commercial biowaste, sewage sludge, and other liquid sludges into biomethane fuel to city buses, trucks and other passenger cars. The company has 13 recycling stations and plans to expand the biogas plant with a power-to-gas unit to meet growing demand.

#### Jeppo Biogas, Jakobstad

Jeppo Biogas was founded 2012 and operates a biogas plant that uses organic waste, such as food waste and manure, as feedstock to produce biogas. The plant consists of three reactors wet digestion unit and a dry digestion unit. The biogas is used for heating as well as upgraded to biomethane and used as fuel and delivered to customers. In addition to producing biomethane, Jeppo Biogas also produces organic fertilizers as by-products of the biogas production process.

#### Lakeuden Etappi

Lakeuden Etappi is a waste management company owned by eight municipalities in South Ostrobothnia. Their biogas plant produces biogas and RANU fertilizer, containing nitrogen, phosphorus, and potassium, mainly used by local farmers. They also provide waste transport, handling, information, and advice related to waste management.



Cecilia Palmborg, SLU, examining the biogas production process

# Project meeting in person

Day two in Vaasa, the project manager, Andreas Willfors from Novia, welcomed everyone to this first time project group meeting in person.

This day was filled with interesting and rewarding discussions about the different parts of the project; exploring different business models, using different technologies to address challenges specific to the northern region, identifying problems for biogas producers and finding solutions, and figuring out how to use organic fertilizers from biogas plants to help crops grow better while avoiding issues with pharmaceuticals and microplastics in the soil.

## FUTURE OUTCOMES & KNOWLEDGE TRANSFER

The project reaches out to biogas producers and other entrepreneurs who want to exchange experiences and contribute to development and innovation in the biogas sector in the northern parts of Sweden, Finland, and Norway. In the upcoming three years we will produce scientific reports, newsletters, info sheets, study visits and workshops. To spread knowledge and experience will contribute to our goal achievement.



Boost Nordic Biogas main focus is on contributing to SDGs 7, 9, and 13.

We aim to give a good overview of our biogas producers in the northern regions and challenges they face. Meanwhile, we will do our best to provide biogas producers, potential new biogas actors and biogas networks, municipalities, farmers, decision makers and technical suppliers with possible solutions to boost Nordic biogas.



Peter Csirmaz, Alviksgården, and Kurt Stenvall, Jeppo Biogas



Ida Norberg, Biofuel Region, with sights set on the future.

## JOIN OUR JOURNEY

While waiting for our results, please visit our previous project [Bohnia Nutrient Recycling](#). To read more about Boost Nordic Biogas go to <https://biofuelregion.se/projekt/boost-nordic-biogas/>

If you have not already signed up for our newsletter please do and spread the word: [Sign up for our newsletter](#).



At Lakeuden Etappi, having a look at their fertilizer production

## KEEP UPDATED

We have a Facebook group named [Biogas norr](#). Follow for Swedish interesting news and updates.

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