



NEWS



Study visit in Sweden

“We believe that new ideas can be implemented when you see for yourself what others are doing. We also believe that after a personal meeting, forestry representatives will continue to collaborate in the network we are building up now. Last autumn, Swedish terminal owners visited Finland, and in May it was time for Finnish forestry representatives to visit us”, says Magnus Matisons, Project Manager for Bioeconomics at BioFuel Region.

STUDY VISIT AND WORKSHOP ON 17 MAY

On 17 May 2018, representatives from the forest industry and academia from Finland and Sweden met for a two-day visit to Sweden.

SCA Töva Terminal Sundsvall

The visit began at Töva Terminal, which supplies Östrand’s integrated plant in Sundsvall, one of the largest industrial investments in Sweden ever and the largest in northern Sweden ever. SCA Östrand is doubling its production capacity and has the largest production line for bleached softwood pulp in the world.

A massive stockpile of pulpwood is being built up at SCA’s terminals in preparation for doubling the capacity of Östrand’s pulp mill. The increased demand will impact the pulp wood market in much of central northern Sweden. SCA generously shared its experience of pulp wood logistics and terminal management.

WORKSHOP AND DINNER

The participating terminal owners were informed about the results from BioHub and also shared their own experiences. This exchange of experience will continue even after the study trip,

Workshop Programme

- About the BioHub project. Juha Nurmi, Project Manager LUKE
- Forest bioeconomy in Sweden. Magnus Matisons, BFR
- Forest terminals in Sweden. Kalvis Kons, SLU
- Swedish and Finnish forest terminals. Similarities and differences. Otto Läspä, SeAMK, Anna Claydon, LUKE
- Effective harvesting and logistics of young forests. Lennart Olofsson, CEO Cintoc
- Mellanskog’s terminals Jonas Olinder, Mellanskog
- The BioHub model – presentation: Barbro Kalla, BFR
- Per Rud, Bastuträsk Terminal
- Johnny Holmgren, Storuman Terminal
- Mikko Syri, MTK
- Marko Vainionpää, Pohjanmaan biolämpö Oy
- Timo Pihlaja, Pihlaja Forest Oy
- Tapa Reinikainen, Metsänhoitoyhdistys
- Pasi Kiviluoma, Metsä Group
- Patrik Slotte, UPM
- Tatu Viitasaari, Metsäkeskus





Jonas Olinder, Mellanskog

STUDY VISIT ON 18 MAY

Day two's host is Jonas Olinder, Mellanskog. He is responsible for operations and logistics of a dozen terminals operated by Mellanskog. The terminals deliver both pulpwood and wood fuel locally and farther afield.

Mellanskog Strömsbruk Terminal

Visitors were shown a lorry-mounted high-capacity chipper that could chip large round timber. A large amount of lower quality round timber is sorted out of the major flows to the pulp industry. Directly connected to the terminal, a smaller biofuel boiler was shown that could be topped up with pellets. This size of boiler is common on the Finnish side.



Specially-designed rail solution

Mellanskog Mackmyra Terminal outside of Gävle

After a few years of weak local demand for logging residues in upper northern Sweden, demand increased this winter. With the help of a specially-designed rail solution, distant large biofuel boilers in Mälardalen can be supplied cost-effectively.

Mellanskog supplies wood fuel to Mälardalen using a specially designed rail solution with 26 cars with 3x60 m3 containers providing 4700 m3 per train set. We were able to see the loading of the train for transport to Värta Power Plant in Stockholm.



Measuring moisture content in the field. Leif Westerlund, SLU

A moisture content meter, which is currently being evaluated by the project, was demonstrated at the terminal. Biofuels have a large variation in moisture content. The moisture content can be estimated on the spot (+/-5%) instead of waiting for a moisture analysis that often takes a day. This makes it easier to better meet customer quality requirements and plan for daily operations at a terminal. During the visit to the terminals, interest in this tool was significant.

PUBLISHED INFOSHEETS

Transportation Costs from Forest to Industry, Simon Berg & Dimitris Athanassiadis, Swedish University of Agricultural Sciences (SLU)

Roundwood potentials and distribution in the Finnish side of Botnia-Atlantica, Ron Store, Natural Resources Institute Finland (Luke). Dimitris Athanassiadis Swedish University of Agricultural Sciences (SLU)

Potential and distribution of branches in the Finnish side of Botnia-Atlantica, Ron Store, Natural Resources Institute Finland (Luke). Dimitris Athanassiadis Swedish University of Agricultural Sciences (SLU)

Gender equality and diversity, Barbro Kalla, BioFuel Region

Material Handling Machines at Terminals, Kalvis Kons, Swedish University of Agricultural Sciences (SLU)

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