

# Newsletter

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## Good practice from Smaland

Linked to EnercitEE's first interregional symposium, study visits and training sessions were organised. The participants visited a CHP plant, a small district heating plant and a passive house.

A study visit was led to Sandviksverket VEAB, Värxjö's central CHP plant. Mr Lars Ehrlén, the technical director, gave a presentation of the background and strategies, and provided technical information. The plant produces more than 150 MW in total. In addition to heat and electricity, district cooling based on an absorption cooling machine is produced. In Värxjö, more than 90 % of all heat and around 50 % of electricity is based on biomass.



*During study visit at Sandviksverket CHP plant*

Furthermore, the strategic work in the city of Värxjö (<http://www.vaxjo.se/>) going on since the 1990s was presented by Mr Henrik Johansson. He gave insights into the work towards achieving a fossil fuel free city in the future. This includes strategies for buildings and transport, as well as the production of bio fuels.

One study visit to the Rottne district heating plant was organised. This small-scale district heating covers around 85 % of the heat energy load in the village of Rottne with 2000 inhabitants. It consists of two biomass boilers and one oil boiler, with around 4 MW heat power. The plant mainly uses woodchips as fuel (95 % of the heat production). Almost all municipalities in the county of Kronoberg have small-scale biomass-based district heating.

Last but not least, the passive house Portvakten was visited. Mr. Anders Franzén provided information on the building technology and about the fact that using wood in building is a smart way of binding CO<sub>2</sub> for a long time.