



# Local renewable energy

## Lohtaja Heat Cooperative

Lohtaja Heat Cooperative is a company based in the village of Lohtaja located in the Ostrobothnia region of Finland. Lohtaja Heat Cooperative was established in 2001 and operates a woodchip heating plant in the area of Lepola. The company collects stem wood from the forests of its 40 members utilizing locally available renewable energy sources.

During the LECO project, a study was carried out on the possibilities of the Lohtaja heating cooperative to expand its operations. Lohtaja Heat Cooperative aims to increase the share of renewable energy uti-

lized and make the most of locally available energy sources.

## Statistics

- Operates a 300 kW woodchip heating plant
- Provides 750 - 800 MWh annually to three properties
- Plant replaces the use of 100 000 liters of oil annually

## Goals

- Utilize a domestic renewable energy source
- Replace fossil fuels with renewable alternatives
- Grow the local bioeconomy



# LECO

Local Energy Communities

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 for Remote Areas**

