

Finnish Forest Centre

Nationwide advisory organization for forest owners and operators

Funded and guided by ministry of agriculture and forestry

- implementation of forest act
- geographic and forest data
- to promote forest based livelihoods

Case bioenergy

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We need energy for heating

- Fossil fuels (oil and peat)
- Nuclear power
- Or renewable bioenergy (local wood from forests)

Roles in increasing the use of renewables

Forest Centre

survey suitable properties

Negotiated with investors and thermal entrepreneurs

built up/promote wood supply chains

Several projects funded by European rural development programs

Entrepreneurs

invest for thermal power plants and service

conducting the business

Contributions for investments from ERDP

advantages

Primary objective to strengthen local rural economy by replacing imported energy with local alternative (new jobs, incomes, sme's)

Almost all the capital investment stays within the municipality
Positive effects on the area's local forestry and landscape

side effects

Local energy source brings safety and independence in possible crisis
Replacing fossil fuels restrains global warming
The ashes and its nutrients can be returned back to the forest

More opportunities

We are only on early stages in moving towards circular economy where using of renewables is only one part

Wood based fuels for traffic (biodiesel) is a huge potential

Production of electricity

More pulp production for example packaging

Essential questions for forest operator are:

- **how to increase wood supply remarkably**
- **And to do it sustainably**



Green economy