

- Location: **Ptuj, Slovenia**
- Operating since: **1975**
- Ownership: **community**
- Grid: **5.990 m** (owned by the DHS)
- Customers: **42**
- Connected load: **24,8 MW**
- Boiler output: **27 MW**
- Type of DHS: **hot water**
- Current fuel: **natural gas**
- Potential renewables nearby: **biomass, solar**



Source: Javne službe Ptuj, d.o.o.

Investment plans:

Optimisation of the biomass boiler and boiler house installation within next two years. In second phase is also planned to increase the grid and optimize it.

For more information:

- www.keepwarmeurope.eu/country-pages/austria
- www.ligist.at/startseite/wirtschaft/heizgemeinschaft

Switch to biomass and optimisation of boiler and grid



Primary work-steps and investment drivers:

- **Company (internal) development plan Municipal Local energy concept (LEK)**
- **Available incentives – Ministry of Infrastructure Co-financing of renewables for DHSs**

Strategic background documents:

- **NATIONAL ENERGY EFFICIENCY ACTION PLAN 2014–2020**



Stakeholder involvement:

- **Leading: Local decision makers, biomass suppliers**
- **Other: Customers, Technology suppliers**

Required resources:

Financial investment:

1.538.824,88 EUR + 525.500 EUR

Additional staff: **none – outsource**

Other: **outsourcing of services for documentation, design, etc**



Results:

- RES-share increase: **before 0 % ⇒ after 80 %**
- RES/fossil heat production ratio: **5/1**
- Grid efficiency: **increase for 3 %**
- New connections: **2.500 MWh/Year**
- Emissions: **1.515 tCO₂**
- Payback period: **8-10 years**

Want to adapt our work to your DHS?

Want to invest in our progressive DHS?

Contact us using the information below!

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