

- Location: **Slovenj Gradec, Slovenia**
- Operating since: **1980**
- Ownership: **community**
- Grid: **7.958 m** (owned by the DHS)
- Customers: **170**
- Connected load: **21,2 MW**
- Boiler output: **17,4 MW** (2 boilers + CHP)
- Type of DHS: **hot water**
- Current fuel: **natural gas**
- Potential renewables nearby:  
**biomass**



*Source: Komunala Slovenj Gradec*

## Investment plans:

For the next year of operation, DHS SG plans to install a new boiler system on biomass, buffer tank system and logistic facilities;

For more information:

- [www.keepwarmeurope.eu/country-pages/austria](http://www.keepwarmeurope.eu/country-pages/austria)
- [www.ligist.at/startseite/wirtschaft/heizgemeinschaft](http://www.ligist.at/startseite/wirtschaft/heizgemeinschaft)

# Modernisation and switch to biomass



## 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

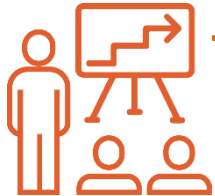
## Strategic background documents:

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



## Stakeholder involvement:

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



## Required resources:

Financial investment:

**2.500.000 EUR**

Additional staff: **one and outsourcing**

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



## Results:

- RES-share increase: **before 0 % ⇒ after 75 %**
- RES/fossil heat production ratio: **4/1**
- Reduction of losses: **4-5 %**
- Primary energy savings: **5 %**
- Emissions: **3.000 tCO<sub>2</sub> p.a**
- Payback period: **10-12 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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