

DHS Velenje



- Location: **Velenje, Slovenia**
- Operating since: **1959**
- Ownership: **community**
- Grid: **173 km** (owned by the DHS)
- Customers: **11.776**
- Connected load: **224 MW**
- Boiler output: **600 MW**
(4 boilers)
- Type of DHS: **steam**
- Current fuel: **coal - lignite**
- Potential renewables nearby: **solar energy, biomass, lakes**



Investment plans: grid renovation and optimization, digitalization.

For more information:

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

Grid renovation and digitalization



Primary work-steps and investment drivers:

- **Company (internal) development plan**
- **Municipal Local energy concept (LEK)**
- **SEAP Velenje**

Strategic background documents:

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



Stakeholder involvement:

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

Required resources:

Financial investment:

834.500 EUR

Additional **staff: not needed**

Other: **outsourcing of services**



Results:

- Costumers: **lowering connected power**
- Savings for costumers: **33.900 EUR p.a.**
- Reduction of losses: **0,3 %**
- Primary energy savings: **1.600 MWh p.a.**
- Emissions: **784 tCO₂ p.a**
- Payback period: **25 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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