

# DHS Ligest

(Biomasse Heizgemeinschaft Ligest GesmbH)



- Location: **Ligest, Austria**
- Operating since: **1986**
- Ownership: **private/community**
- Grid: **6000 m** (owned by the DHS)
- Customers: **138**
- Connected load: **2880 kW**
- Boiler output: **2500 kW** (2 boilers)
- Type of DHS: **hot water**
- Current fuel: **wood chips**
- Potential renewables nearby:  
waste **wood** from forestry and saw  
mills



Source: Biomasse  
Heizgemeinschaft Ligest



## Investment plans:

**Renewal** of biomass boilers to achieve more efficient operation in 2019. Connecting new customers in 2020.

For more information:

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

# Boiler Replacement & new customers



## Primary work-steps and investment drivers:

- **Boiler Replacement during 2019**
- **Connecting new customers during 2020**

## Strategic background documents:

- **Environmental subsidies for optimising DHS**
- **Climate & Energy Strategy of Styria**



## Stakeholder involvement:

- Leading: **Owner consortium, planner**
- Other: **municipality, financing partners**

## Required resources:

Financial investment:

**Approx. 1.5 Million EUR**



## Results:

- RES use increase: **before 4.7 GWh ⇒ after 5.5 GWh**
- RES heat production ratio: **100% RES**
- Total efficiency gain: **6%**
- Emission reductions: **↓323 tCO<sub>2</sub>/a**
- Resources: **100% local biomass from a 30 km radius**
- **Increased profitability**

**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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