

- Location: **Písek, Czech Republic**
- Operating since: **1987**
- Ownership: **community + private**
- Grid: **56 001 m** (owned by the DHS)
- Customers: **446**
- Connected load: **64 800 kW**
- Boiler output: **66 350 kW** (3 boilers)
- Type of DHS: **steam/hot-water**
- Current fuel: **lignite, oil, gas, BM**
- Potential renewables nearby:
wood chips



Source: <http://www.tpi.cz/informace-pro-odberatele.php>

Investment plans:

Conversion of steam network to hot water by the end of 2020, **fuel optimisation** - switch from coal to biomass in 2020.

For more information:

- www.keepwarmeurope.eu/country-pages/czech-republic
- <http://www.tpi.cz/keepwarm.php>

Switch to biomass



Primary work-steps and investment drivers:

- Definition of DHS strategic objectives: reduction of CO₂ emissions, replacement of fossil fuels, efficient heat production and distribution
- Integrated Regional OP, OP Enterprise and IC, OP Environment, investment loans

Strategic background documents:

- DHS Písek long-term strategy
- The thermal concept of town of Písek
- State Energy Policy supporting DH modernisation

Stakeholder involvement:

- Leading: DHS operator, municipality as an owner of DHS
- Other: Fuel suppliers, financial institutions

Required resources:

Financial investment:

170 mil Kč (6,5 mil €)

for desulfurisation and biomass boiler



Results:

- RES-share increase: **before 0 ⇒ after 63 GWh**
- RES/fossil heat production ratio: **2/3**
- Reduction of coal production: **40 %**,
- Primary energy savings over the lifetime of the solution: **1 260 GWh**
- Emission reductions: **↓453 320 tCO₂ (- 40%)**

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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