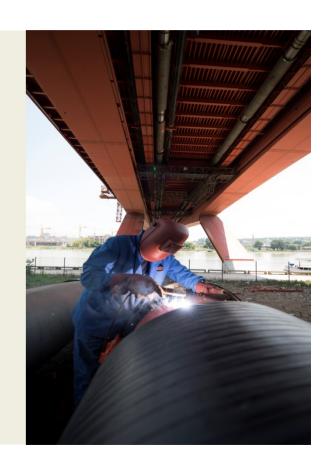




A solid foundation KfW in Southeast Europe

- Leading institution in financing DH systems in SEE
 - ~EUR 135m invested since 2001
 - EUR 110m under implementation/advanced planning stage
- Focus so far on
 - Serbia Five phases of DH rehabilitation and new biomass project
 - Kosovo CHP project and network rehabilitation/extension
- Investments within existing district heating systems:
 - Modernization of existing equipment as well as fuel switch (gas, biomass, solar thermal)
 - Modernization and extension of networks



Case study Pristina KfW and Termokos

Past

- Severe challenges, very unreliable heating (only 4-6h/day for a few weeks during winter)
- Based on heavy fuel oil, large share of heating (coal-based) with electricity
- Subsidized DHC



Present

- CHP-based system
- 70.000 people with access to 24/7 reliable and affordable heating for the first time in 30 years
- A quarter of the city covered
- No more ongoing government subsidies
- Currently ongoing network extensions/ densifications

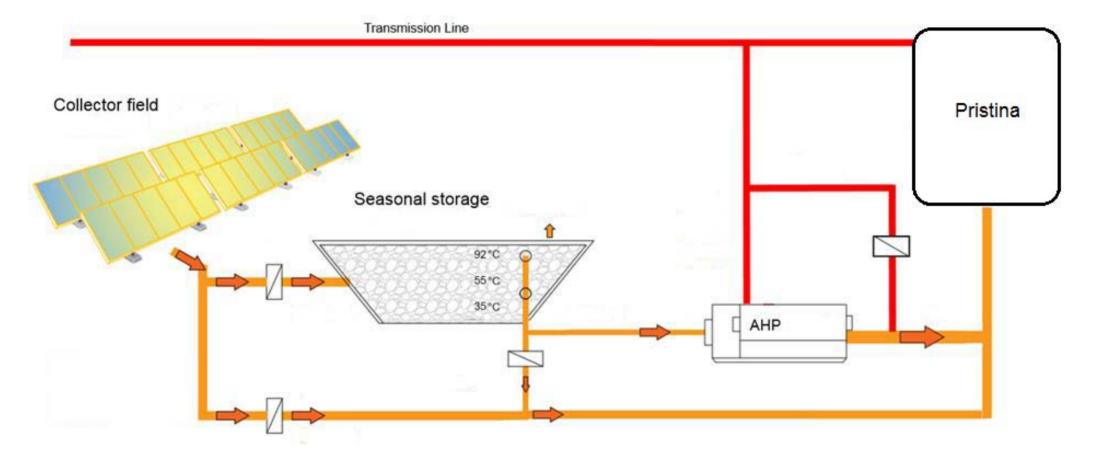


Future

- Mixed system
- High efficiency gains due to storage
- Further expansion (half of the city covered)
- Ready to accomodate other energy sources (more solar, biomass, etc.)
- Addresses energy poverty



>>> Case study Technical set up





A true "transitional fuel"

- Part of a decentralized system with multiple inputs (e.g. biomass, existing fossil fuel based solutions)
- Smooth, step-by-step transition to carbon-free heating network

Replaces heavily polluting energy sources

- Many systems still running on (heavy) fuel oil
- Inefficient usage of electricity
- Individual coal/wood ovens

Builds upon existing infrastructure

- SEE with large number of existing DH networks
- Efficient allocation of resources through fuel switch and network rehabilitation/extension
- High synergies with existing solutions

Heating as a building block for the Energiewende

- Large share of energy consumption for heating and cooling
- Large contribution potential to NECP/NAP

>>> Thank you for your attention

