



»»» Solar District Heating

New paths on a solid foundation

EnC Energy Efficiency Coordination Group Workshop 11 June 2020
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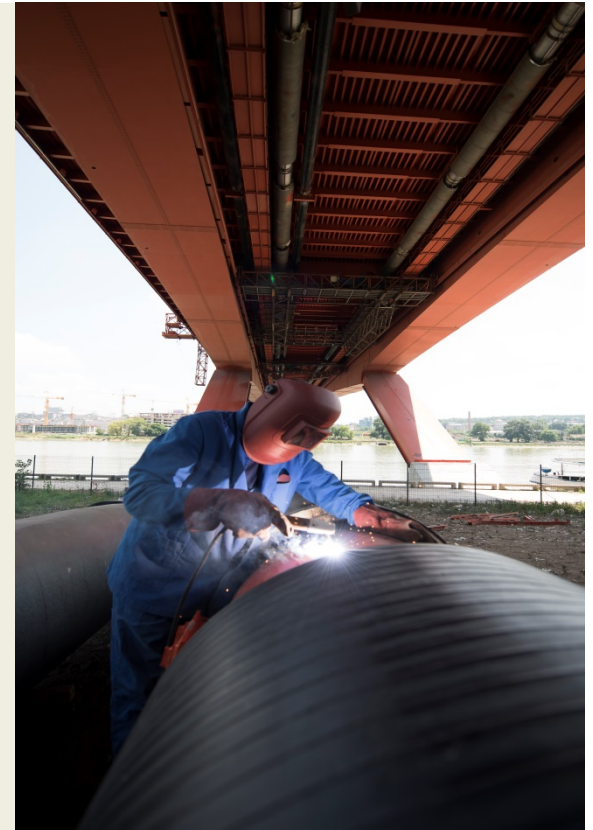
Bank aus Verantwortung

KFW

>>> A solid foundation

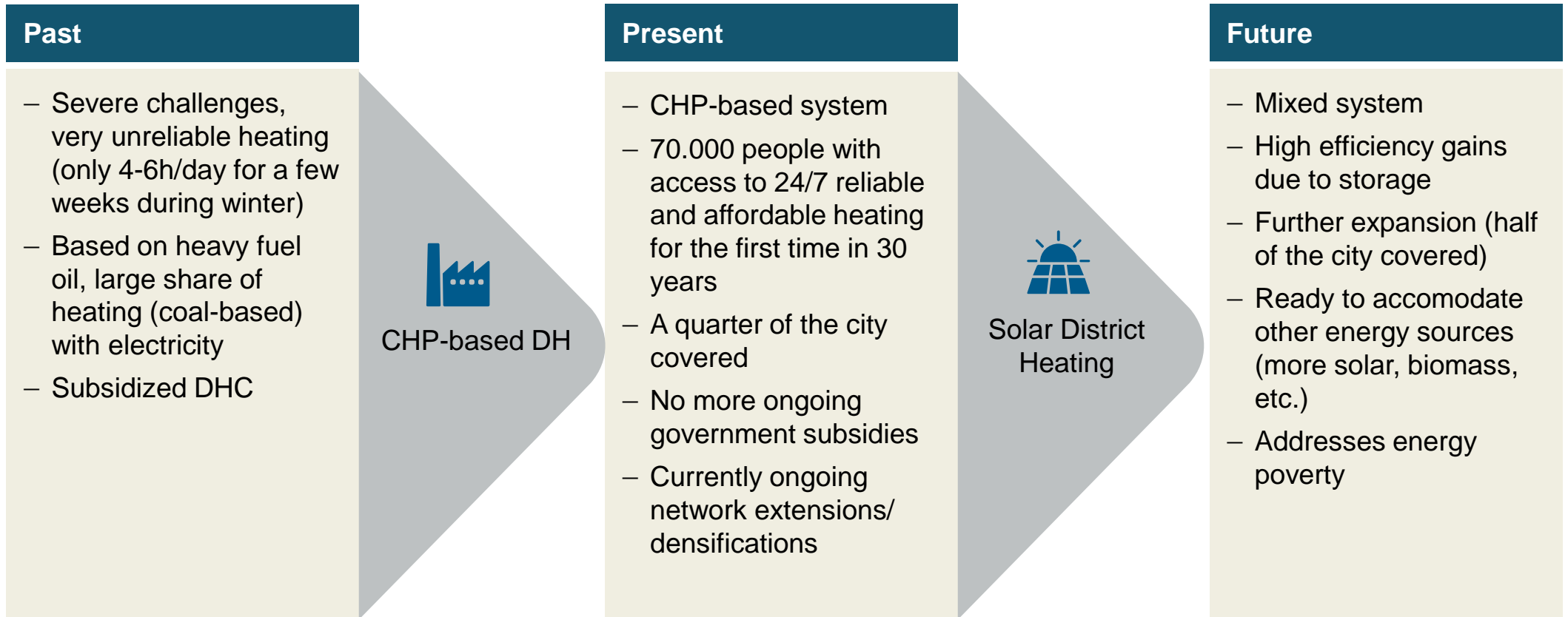
KfW in Southeast Europe

- **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



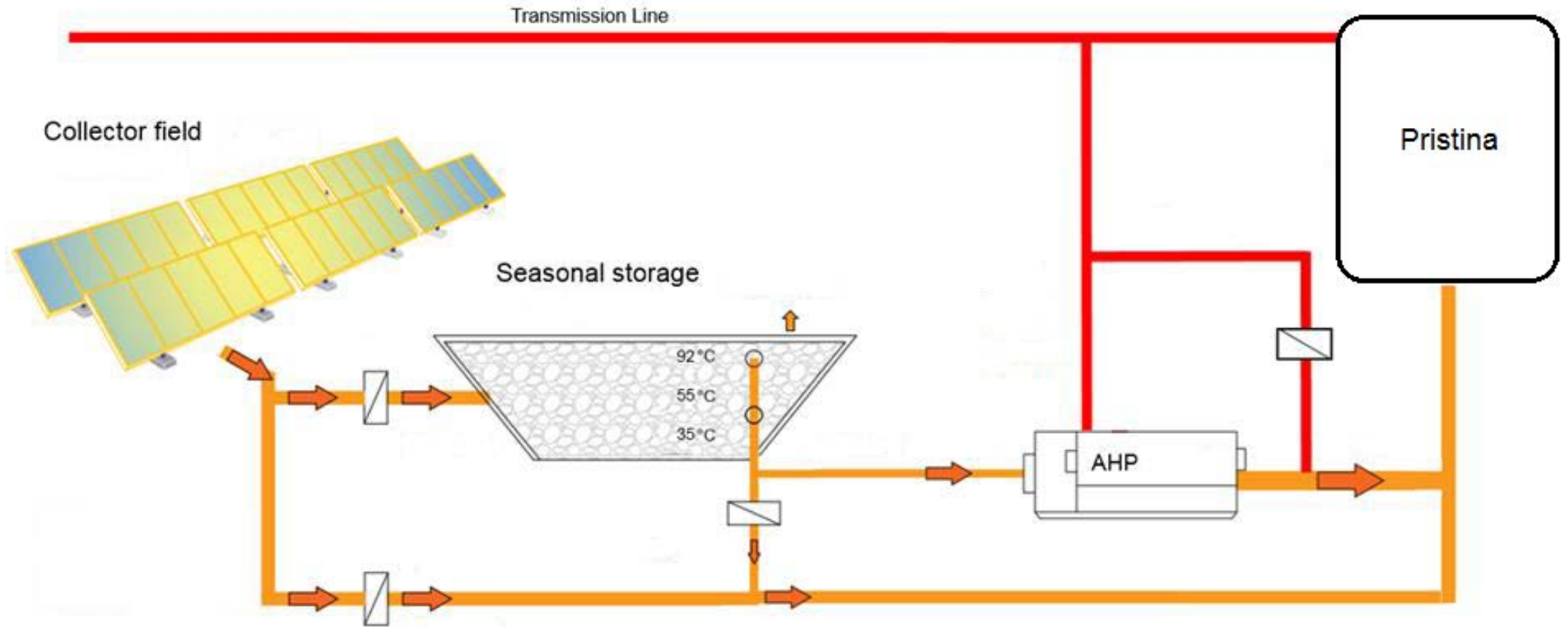
Case study Pristina

KfW and Termokos



Case study

Technical set up



>>> New paths

Why Solar District Heating?

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