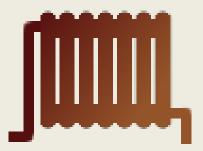




PHD SEMINAR 2. NOVEMBER 2015

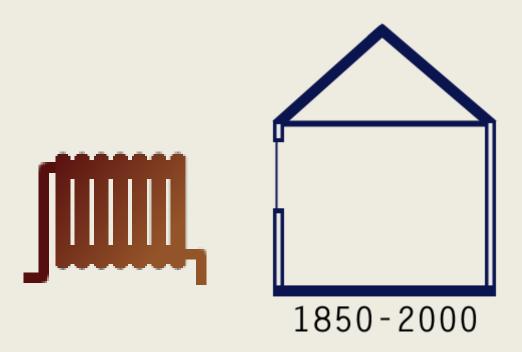
Dorte Skaarup Larsen

How to provide:



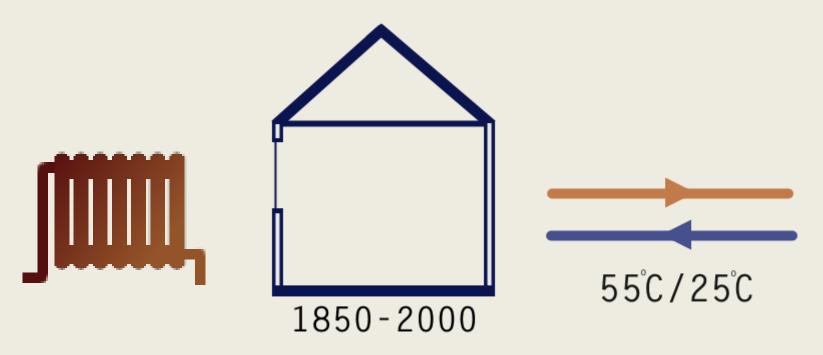
Space heating

How to provide:



Space heating to existing buildings

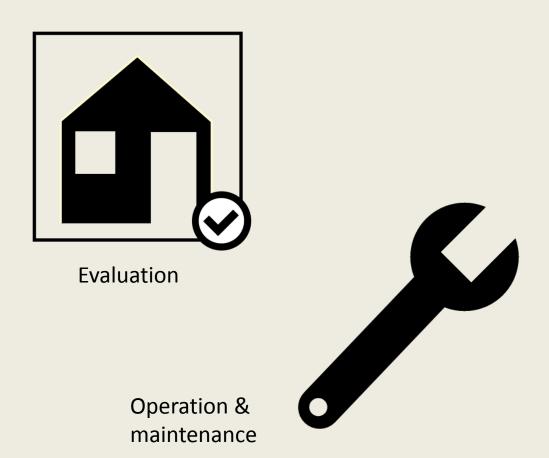
How to provide:



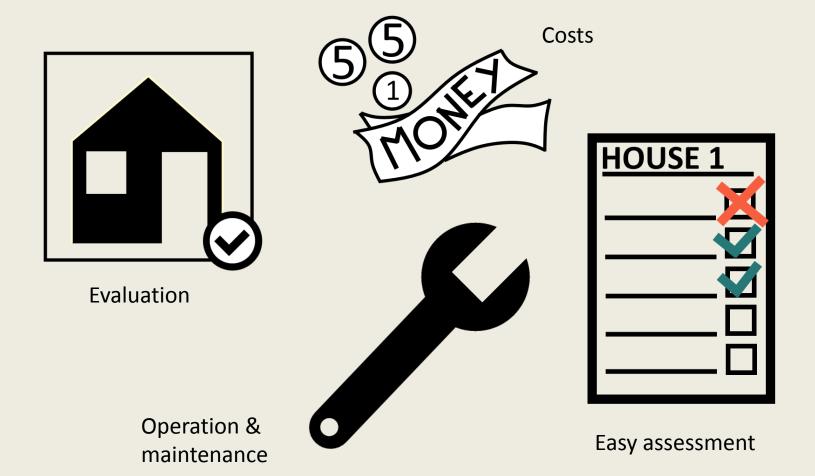
Space heating to existing buildings with low-temperature district heating

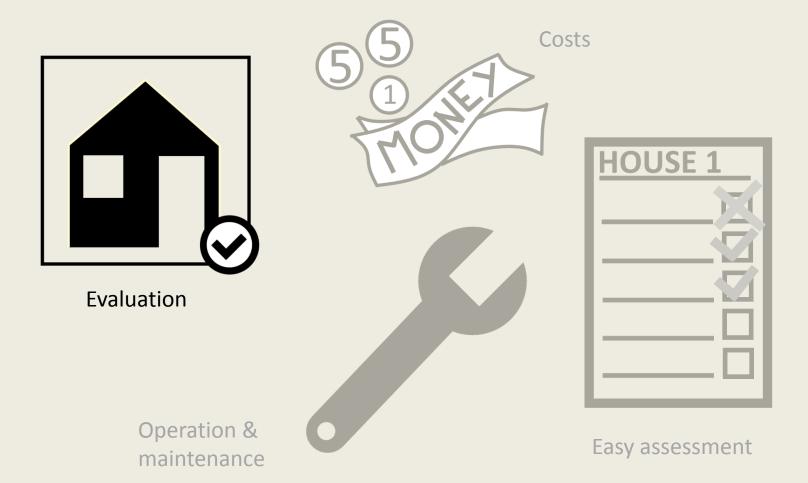


Evaluation







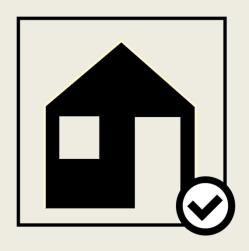




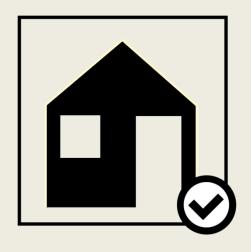
- Identifying case studies



- Identifying case studies
- Methods for measurements

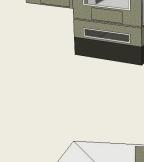


- Identifying case studies
- Methods for measurements
- Methods for dynamic simulation



- Identifying case studies
- Methods for measurements
- Methods for dynamic simulation
- Evaluation of single family houses

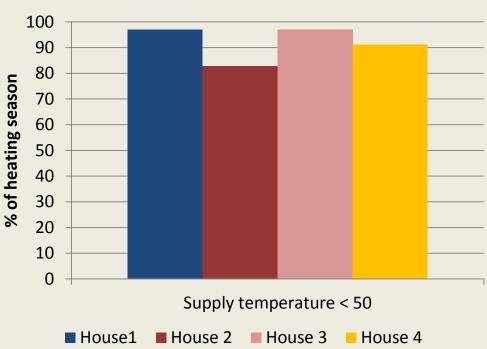


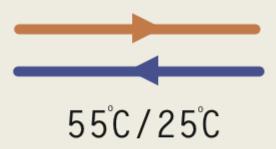












Current research:

Current research:



Operation & maintenance

Current research:

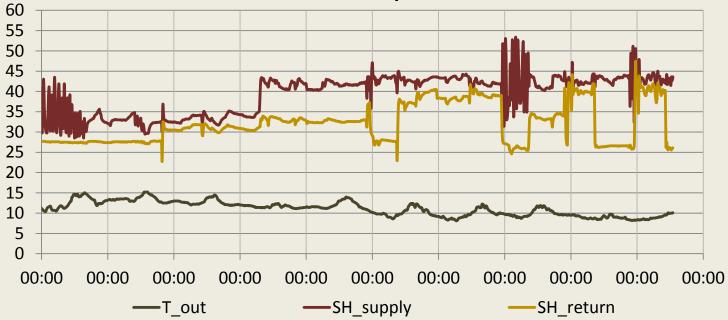


Operation & maintenance



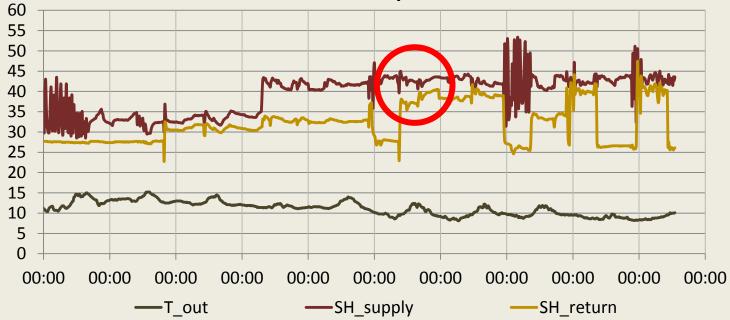






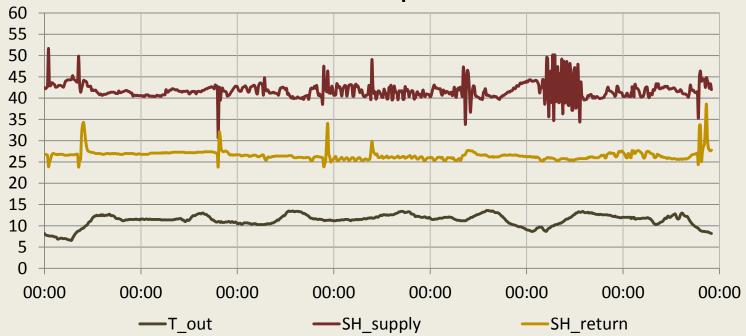


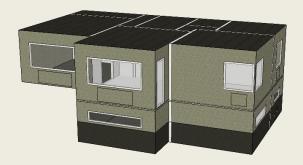


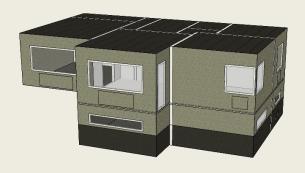




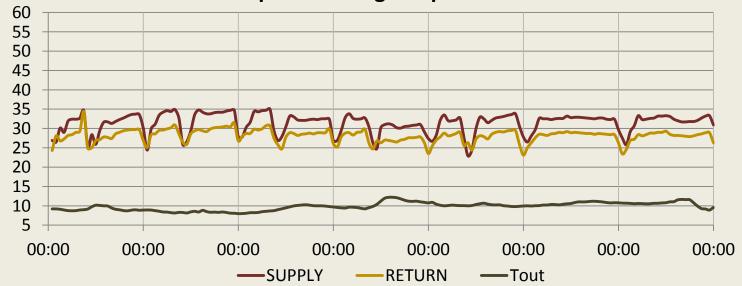
Substation temperatures

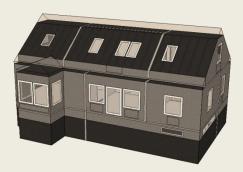






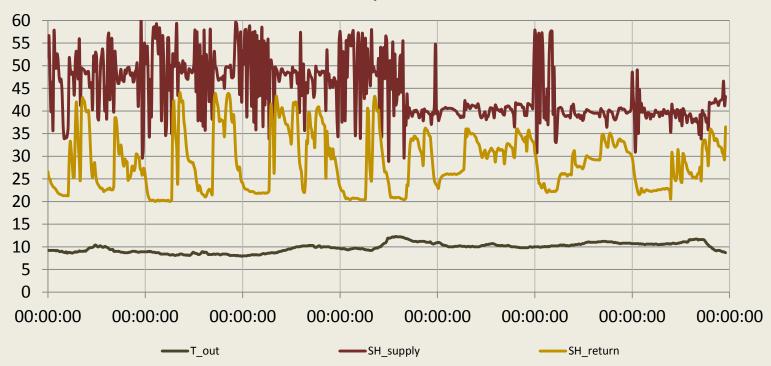
Space heating temperatures

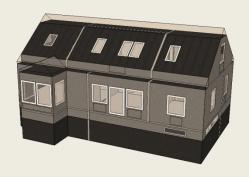


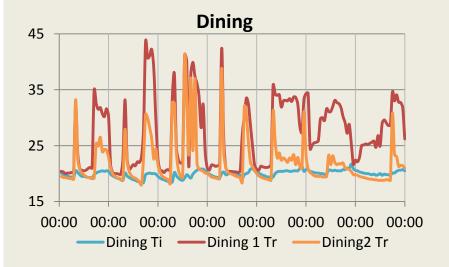


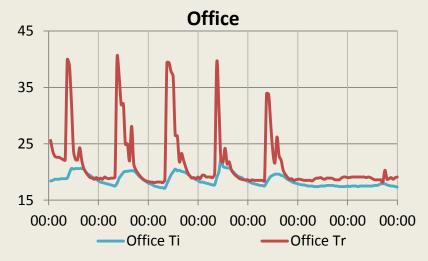


Substation temperatures





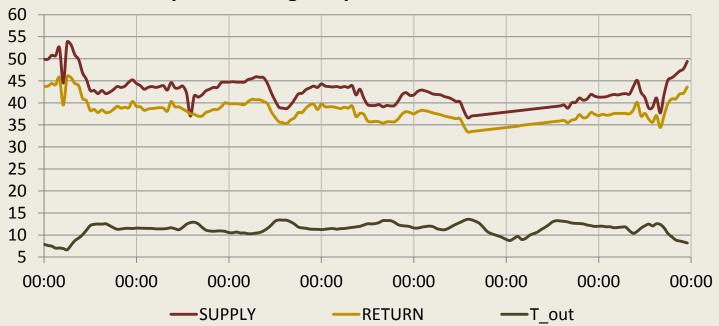




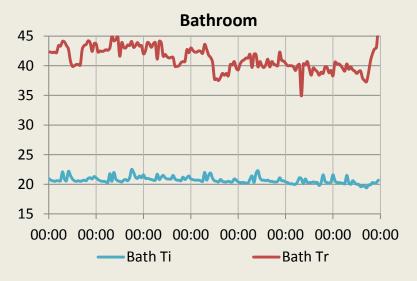


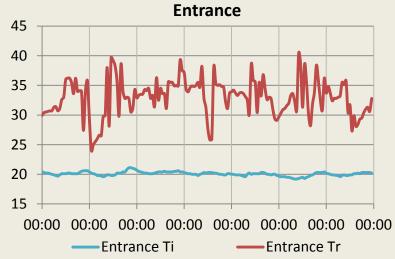


Space heating temperatures

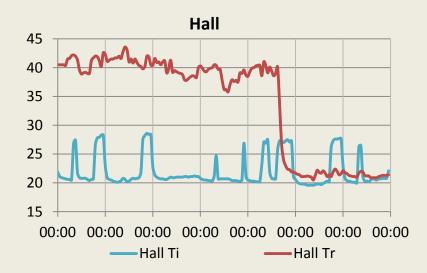




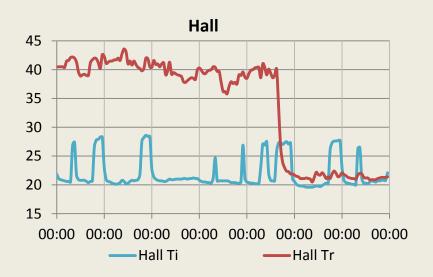


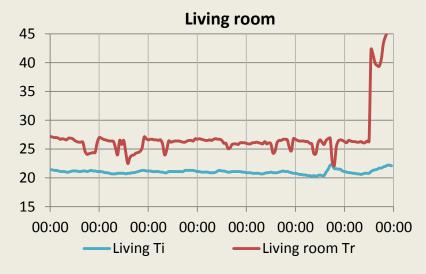




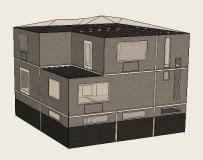




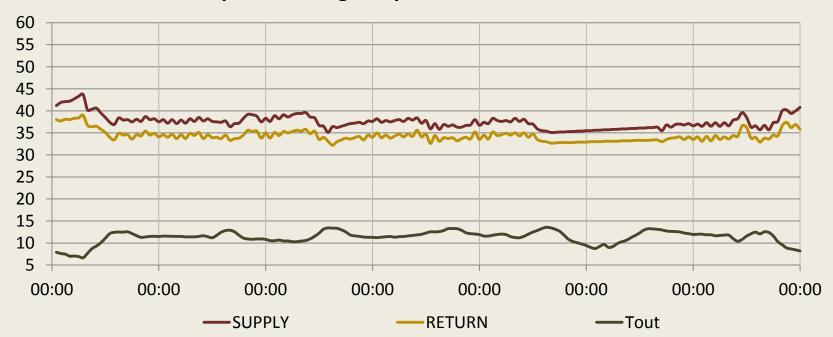


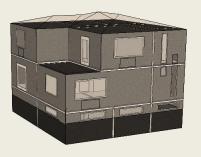


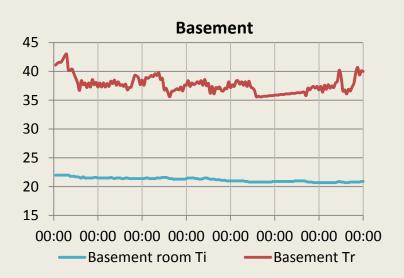


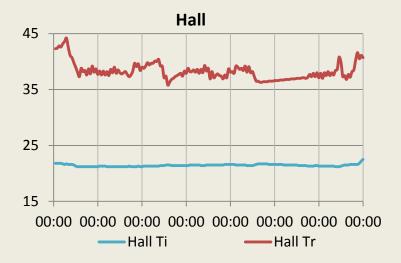


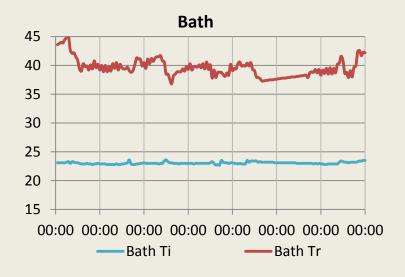
Space heating temperatures











Further research:

- ULTDH in Bjerringbro (measurements and dynamic evaluation)

Further research:

- ULTDH in Bjerringbro (measurements and dynamic evaluation)
- Multifamily houses in Weimar, Germany (measurements and dynamic evaluation)

Further research:

- ULTDH in Bjerringbro (measurements and dynamic evaluation)
- Multifamily houses in Weimar, Germany (measurements and dynamic evaluation)
- Multifamily houses in Copenhagen?

Comments and questions?

