Intelligent heating control

DEMO DISTRICT

Leipzig West
Beckerstr. 52-56
(Dunckerviertel)

PARTNERS INVOLVED

WSL
Wohnen & Service Leipzig GmbH

COMPLETION DATE

08/2022

KEY NUMBERS

Great potential for energy reduction
digitalisation is key
small effort, big success

CO_2 REDUCTION POTENTIAL

10-15%
(16% shown in April 2023)

CONTACT PERSON AND LINKS

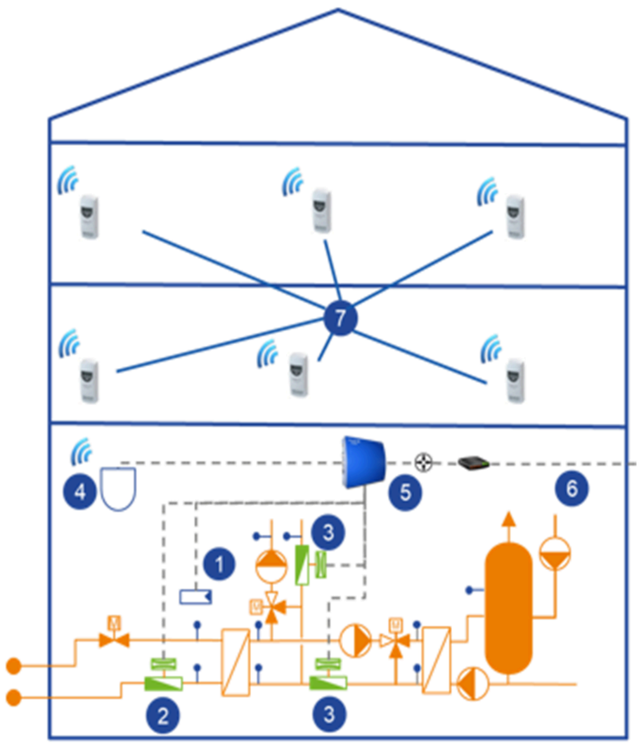
Alexander Peitz
WSL Wohnen &
Service Leipzig GmbH
alexander.peitz@wsl.lwb.de

Short description

- Optimisation of heating station is not common
- Great potential for saving energy and reducing CO2 emissions
- Create an intelligent heating cotroller unit to optimise the heating station in real time by dynamic values

Key results during the project lifecycle

- Screening of different possibilities
- Identify a way to optimise the heating station



Insights and learnings

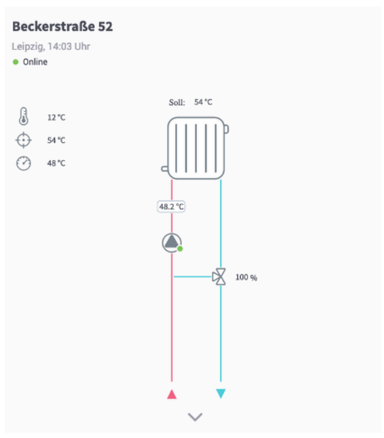
- Digitalisation is key
- Focus on the main values to collect and control
- Focus on easy way of implementation
- Great potential

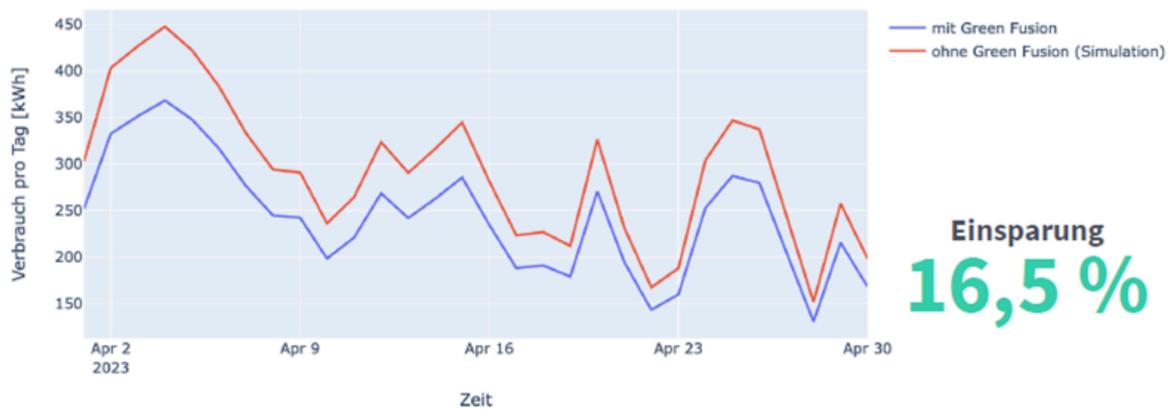
Challenges

- Sensors and communication protocols are often not compatible
- No clear business model behind the solution to create allocable costs

Plans for replication

- Simplify and focus on the main part of the building/heating system t
- Small effort, big success
- Could be a win-win-win situation for everyone





Questions and comments from partners

Comments to be added during poster session at Consortium meeting in Leipzig