

# Decarbonizing heating systems in three MFHs in Wallisellen



**Working on behalf of the Neugut Housing Cooperative, the EBP team examined different approaches to achieving a carbon-neutral heating system for three of the cooperative's multi-family homes (MFHs). We then assessed the proposed solutions, which were also to account for drinking water heating systems, in terms of economic and ecological criteria. Once a decision was made in favor of installing a brine/water heat pump, we simulated the arrangement of the geothermal probes, drafted the specifications, evaluated the bids submitted by the subcontractors, and oversaw the proper installation of the new system.**

## Our services

- Feasibility study and assessment of various heating/hot (drinking) water options with an eye to economic and ecological sustainability
- Provision of technical support for all decision making
- Consultation concerning possible photovoltaic installation
- Drafting of a layout for the main components of the selected brine/water heat pump, including simulation of geothermal probe installation
- Execution of a call to tender (drafting of specifications, comparison of bids, and final negotiations)
- Oversight of system installation to ensure the specified quality

## Client

Neugut Housing Cooperative

---

## Facts

Period 2020

---

Project Country Switzerland

---

## Contact persons

Philipp Deflorin  
[philipp.deflorin@ebp.ch](mailto:philipp.deflorin@ebp.ch)

Steven Meier  
[steven.meier@ebp.ch](mailto:steven.meier@ebp.ch)



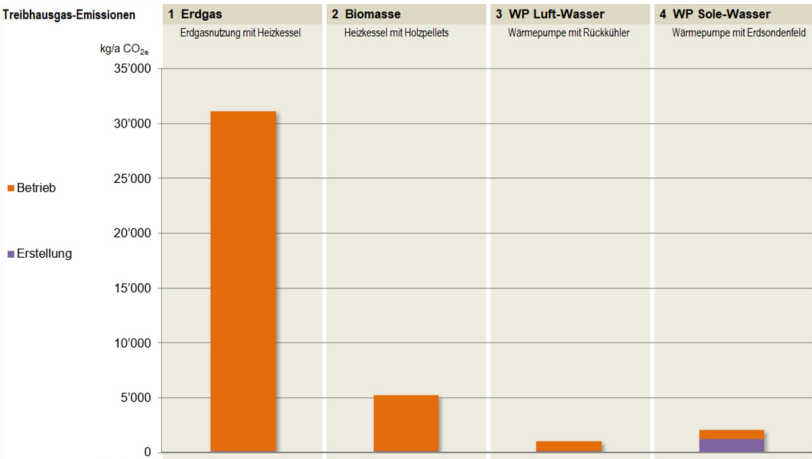
New geothermal heat pump replaces gas boiler in old building



New geothermal heat pump in new building



Drawing of geothermal heat-pump system



Calculation of carbon footprints