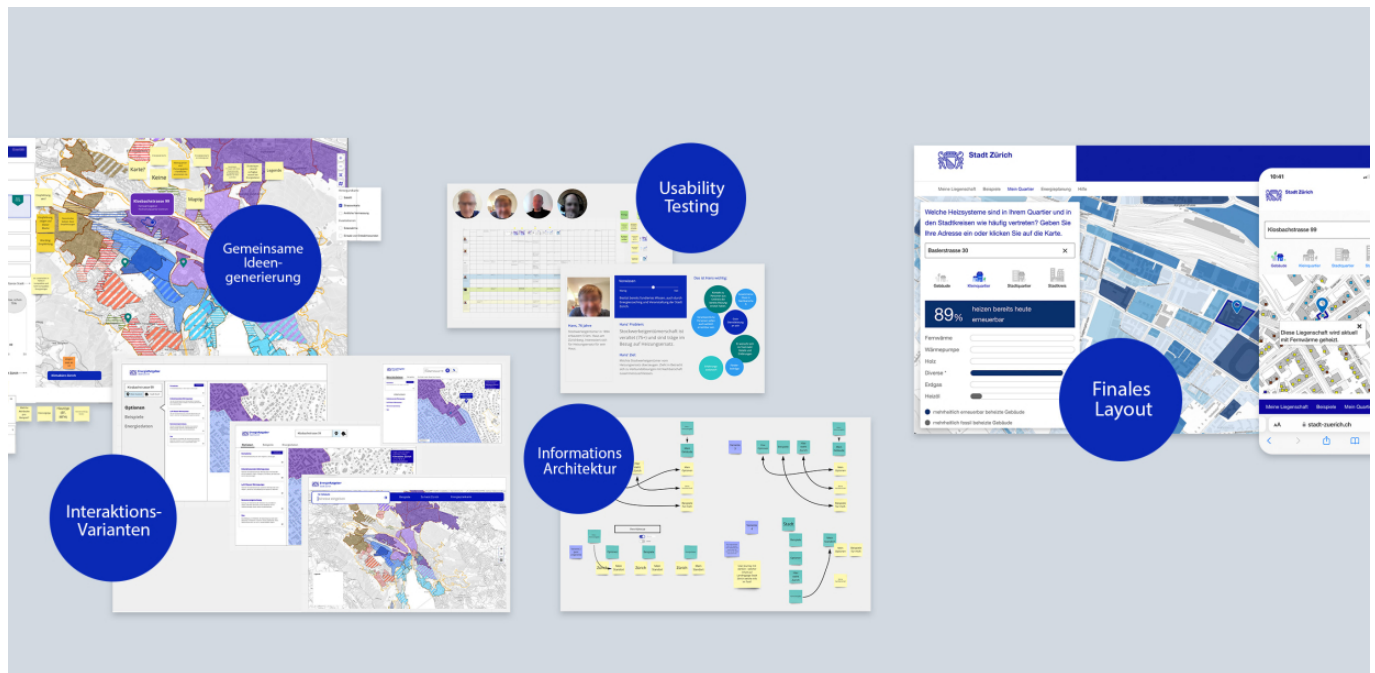**EBP**

Enhancement the City of Zurich's Energy Map

The City of Zurich is aiming for a net-zero climate target by 2040. We were commissioned to expand the city's existing digital energy map EnerGIS to facilitate the transition to renewable heating in Zurich. We iteratively developed and implemented the map using user-centred design (UCD). Within this scope, we added available types of renewable energy, recommendations for heating systems and comparable examples in the neighbourhood.

Our services

— Facilitating workshops and interviews
— Identifying the relevant target groups
— Concept and prototyping
— Usability testing
— Visual design
— Implementing a WebGIS application according to OGC standards
— Developing with Angular, Angular Material, Java and QGIS Server
— Visualizing and interacting with maps via QGIS Server in combination with OpenLayers
— Optimizing according to WCAG 2.1 standards for accessibility

Client

Zurich Environment and Health Protection Agency
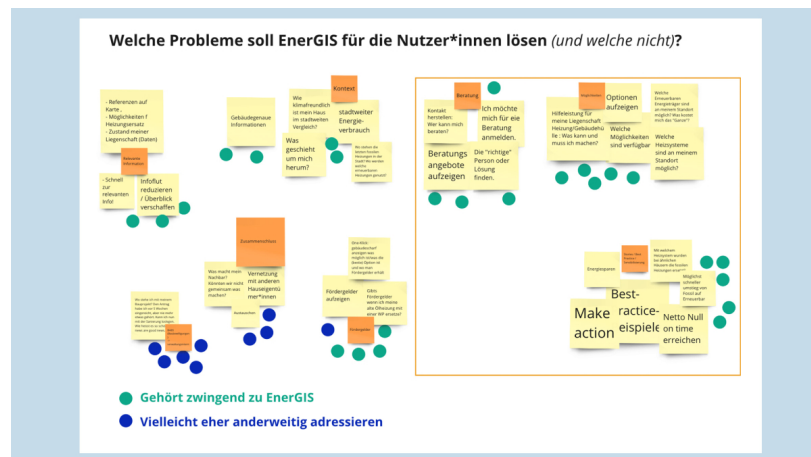
Facts

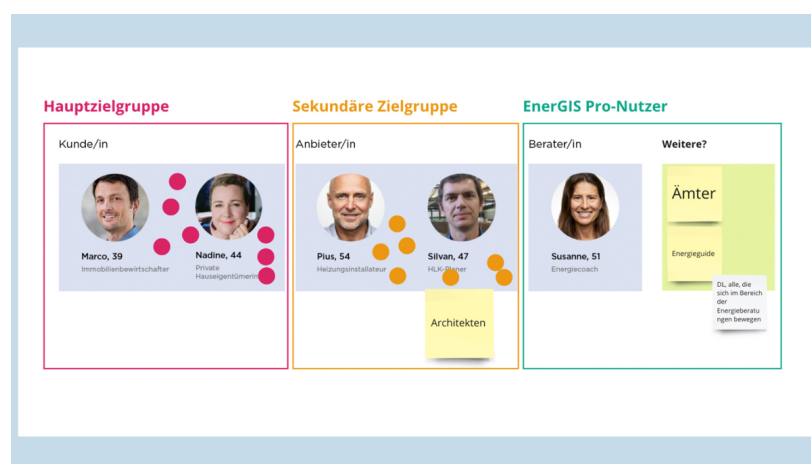| Period	2021 - 2023
Project Country	Switzerland

Contact persons

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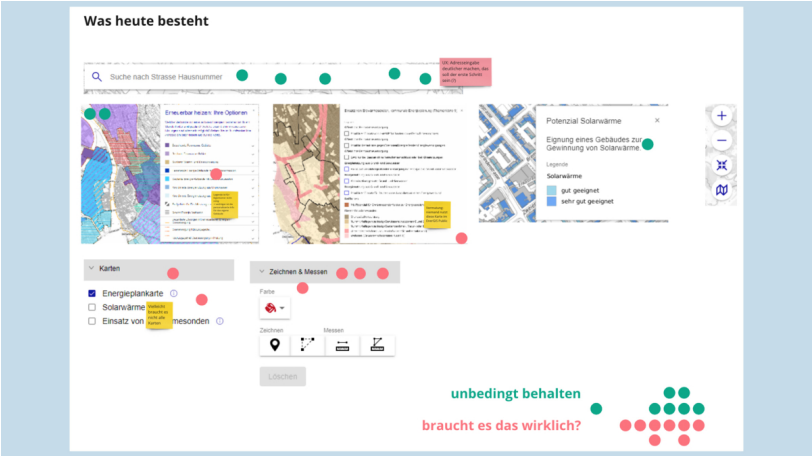
Melanie Wicker
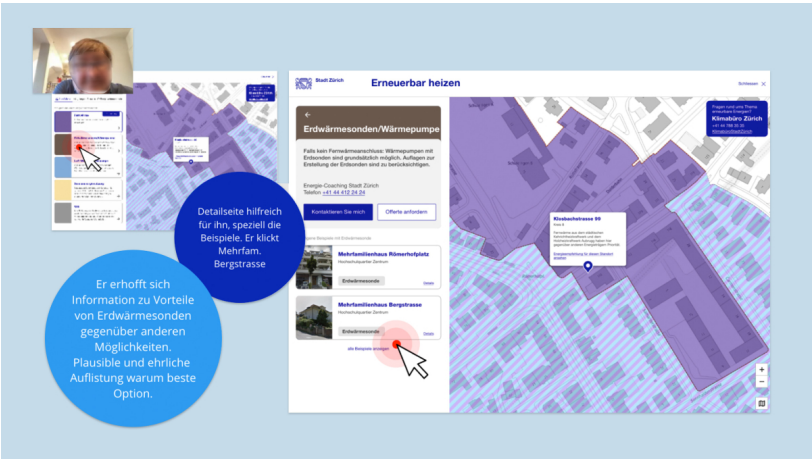**melanie.wicker@ebp.ch**

Results from the kick-off workshop
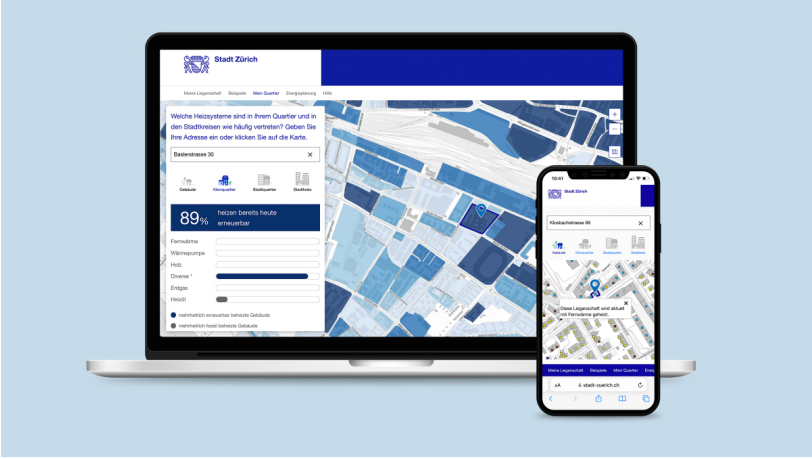

Definition of the target groups
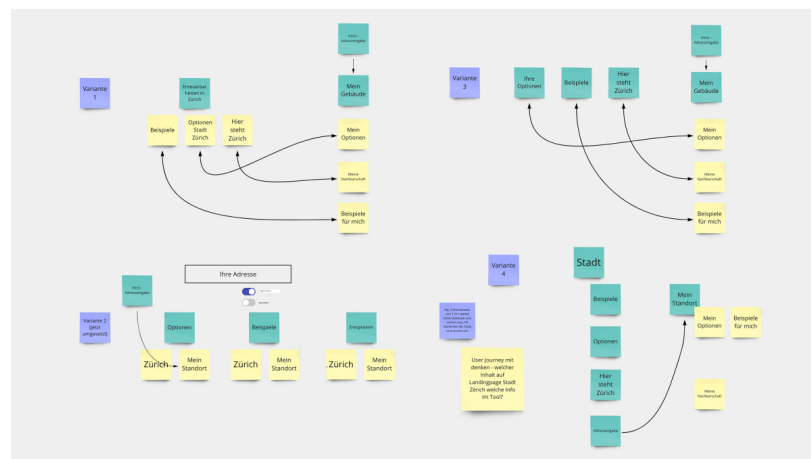
User flow variants

Prioritization of functionalities for public version

Usability test of the first Figma prototype with real users

Detail design in the Figma prototype and real users

Final implementation with focus on mobile first

Compilation of workshop-generated ideas for continuous im-provement and development of EnerGIS