

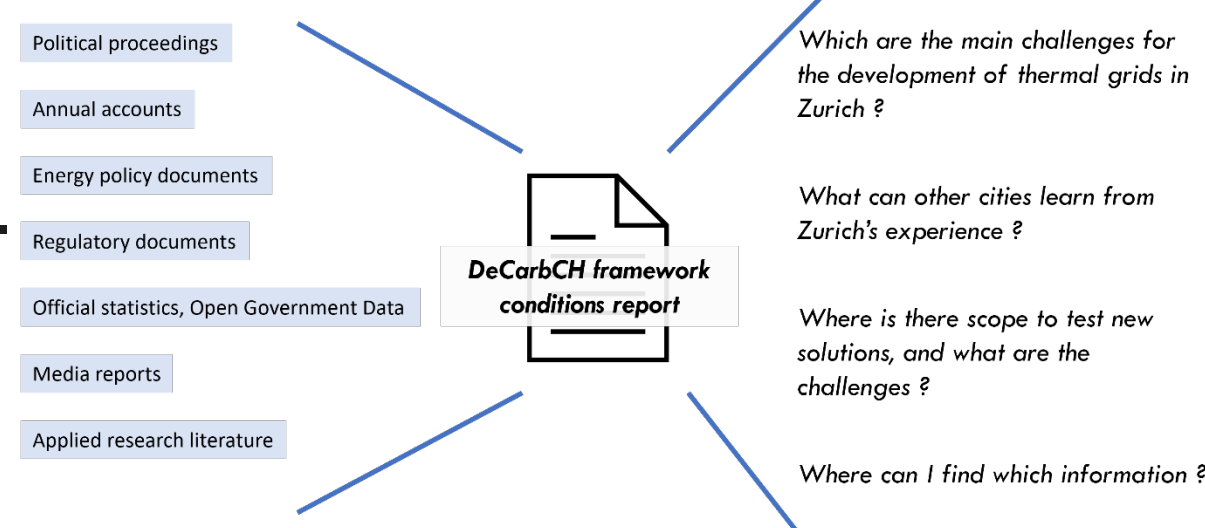
Learning from Zurich's heating/cooling transition

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Goals

Zurich is an **innovative and well-documented** case for the heating/cooling transition.

In WP2/6, we aim to extract **generalizable learnings** from this case.



Problem

- Reaching **net-zero in time** requires massive infrastructural, policy and organizational change.
- Many **municipalities struggle** to define their net-zero strategy.
- Barriers and drivers are said to be **situation specific**, hindering the scaling of solutions.

Current developments in Zurich

Subsidy of early heating system replacement

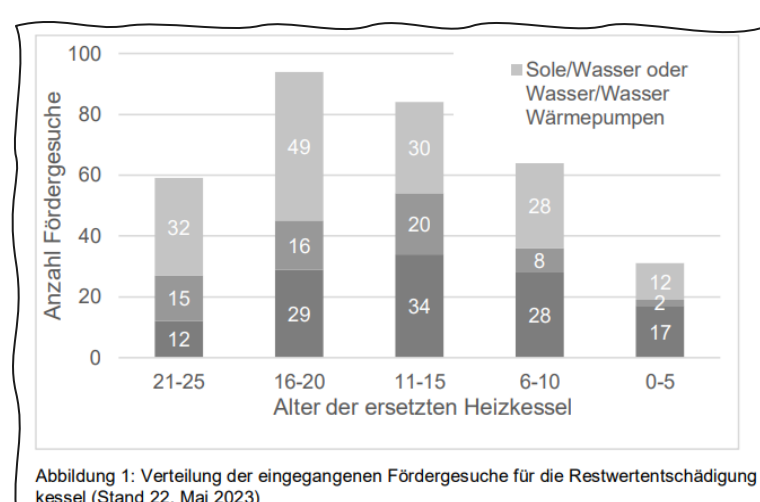
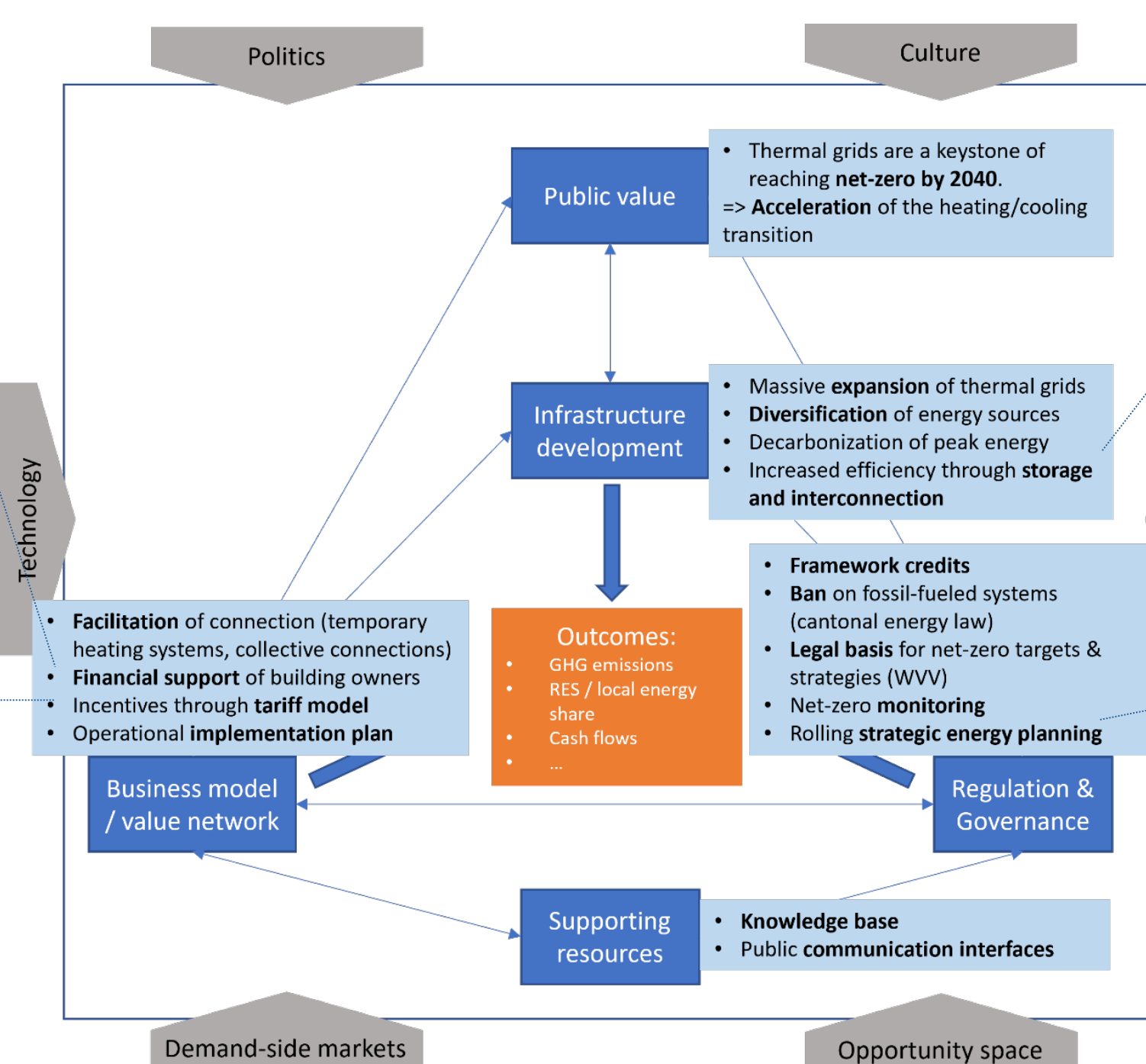
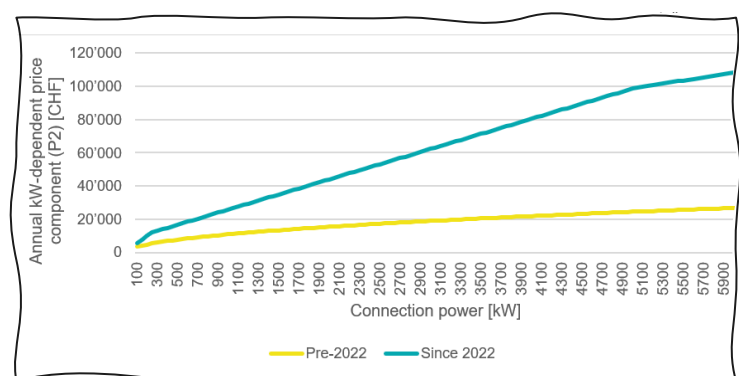
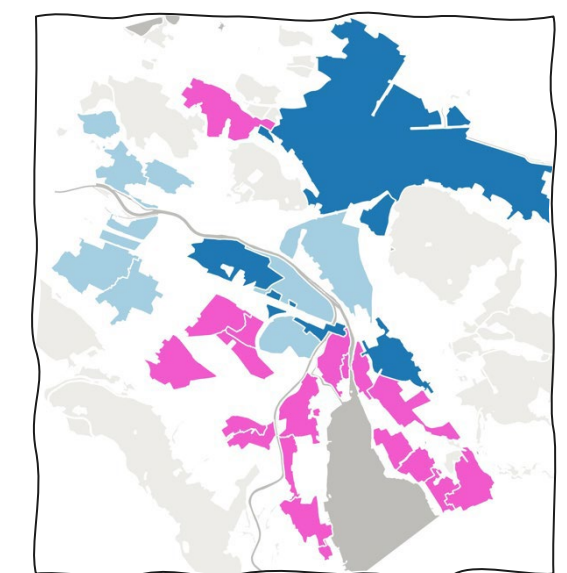


Abbildung 1: Verteilung der eingegangenen Fördergesuche für die Restwertentschädigung kessel (Stand 22. Mai 2023)

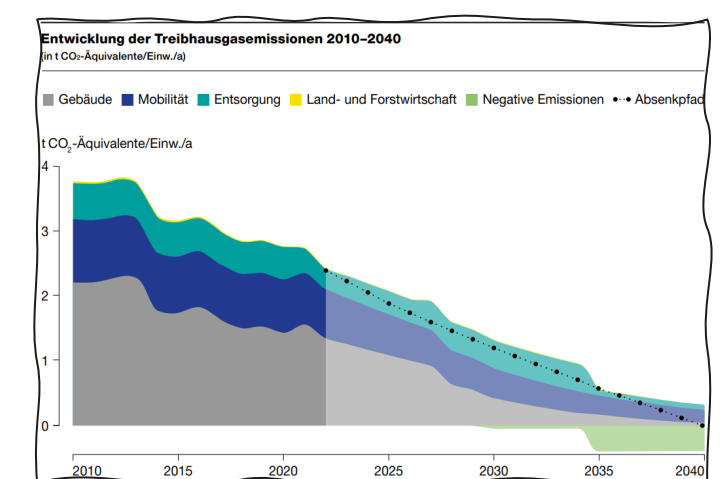
Tariff adjustments



Interconnection



Net-zero monitoring & controlling



However...

Zurich is an «**extreme case**»: high level of political support, financial resources, expertise...

Therefore

To assess which measures are **valuable and feasible** elsewhere, we use dynamic simulations of the local thermal grid ecosystem:

- Evolution of (monetary and non-monetary) costs and benefits over time.
- Parametrization to local conditions.
- Definition of multiple strategies and/or scenarios.

Core partners



Associate partners



Cooperative partners:

