

SWISSGEO

Current State & Architecture

SWISSGEO Platform · Technischer Austausch KGK · September 2026

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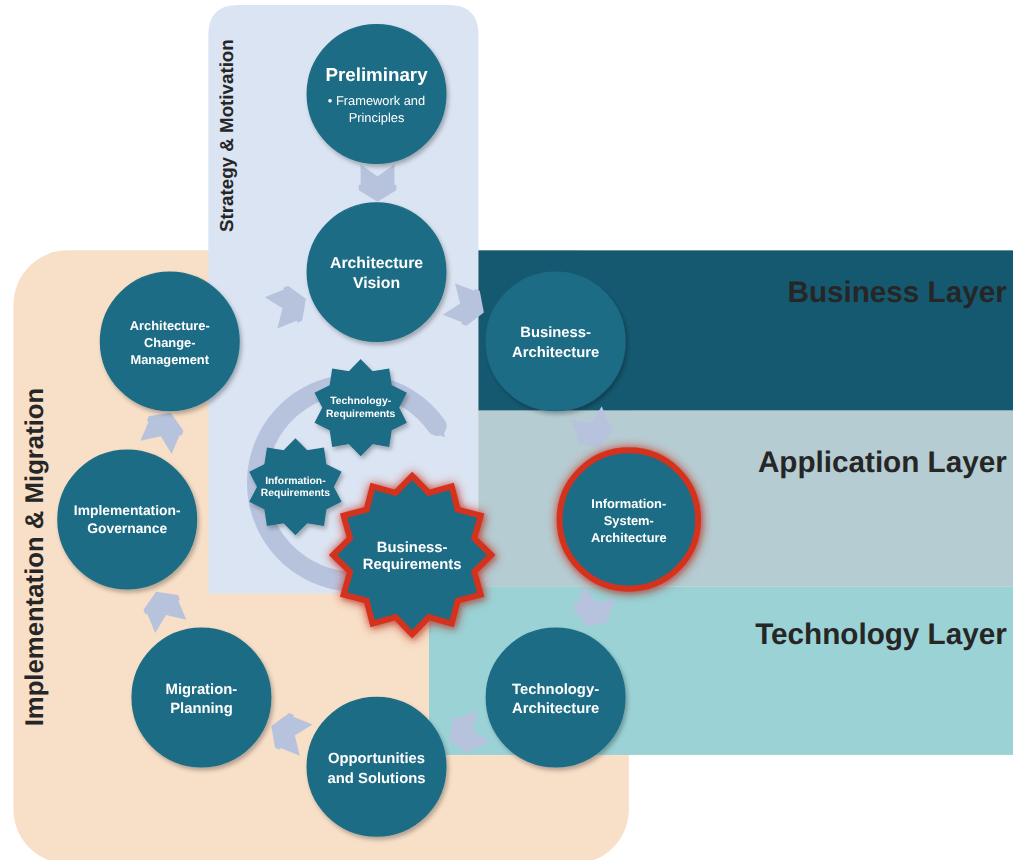


Agenda

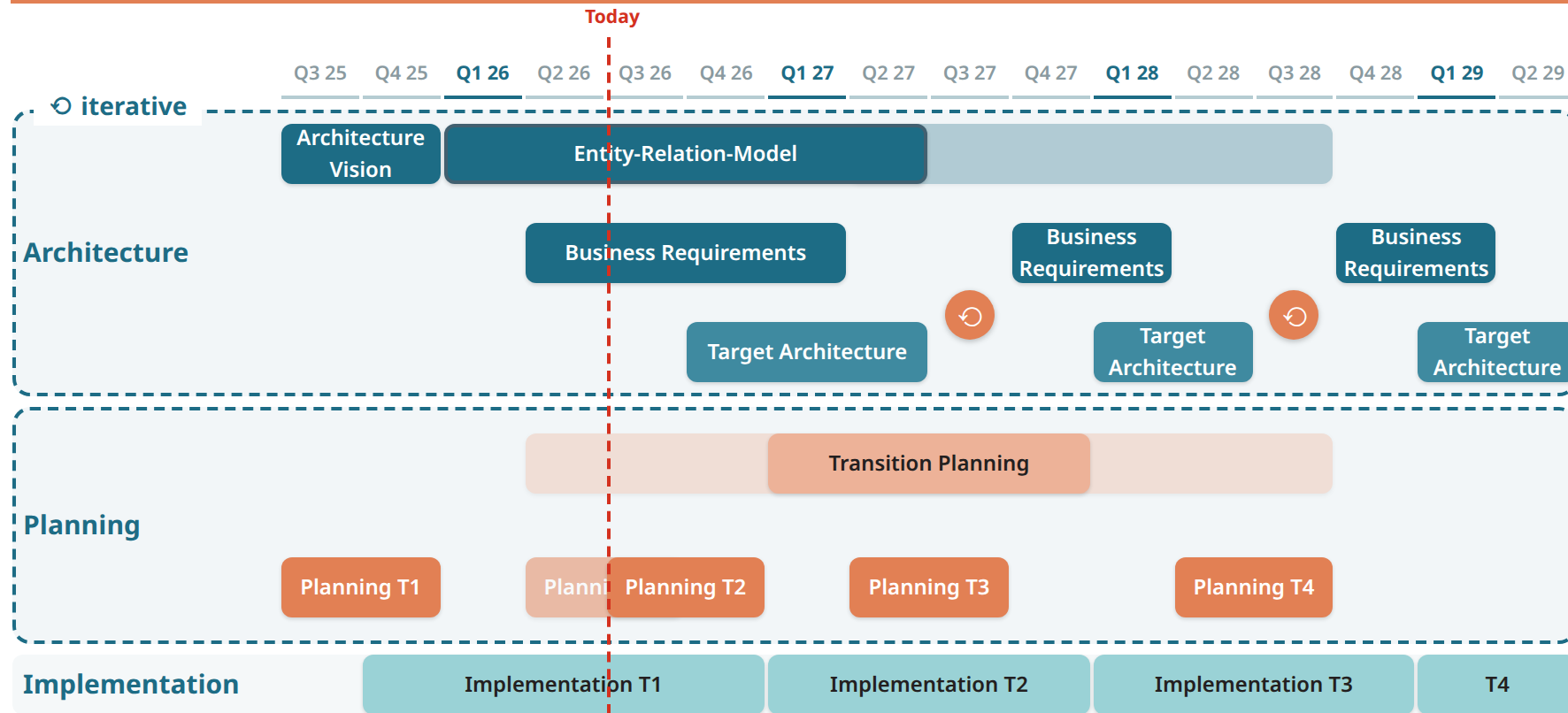
- 1 Questions about Webinar
- 2 Architecture Process
- 3 Where are we today?
- 4 Information Architecture (Entity-Relation-Model)
- 5 Group Discussions
- 6 Summary and Key Takeaways

Questions about Webinar

Architecture Process

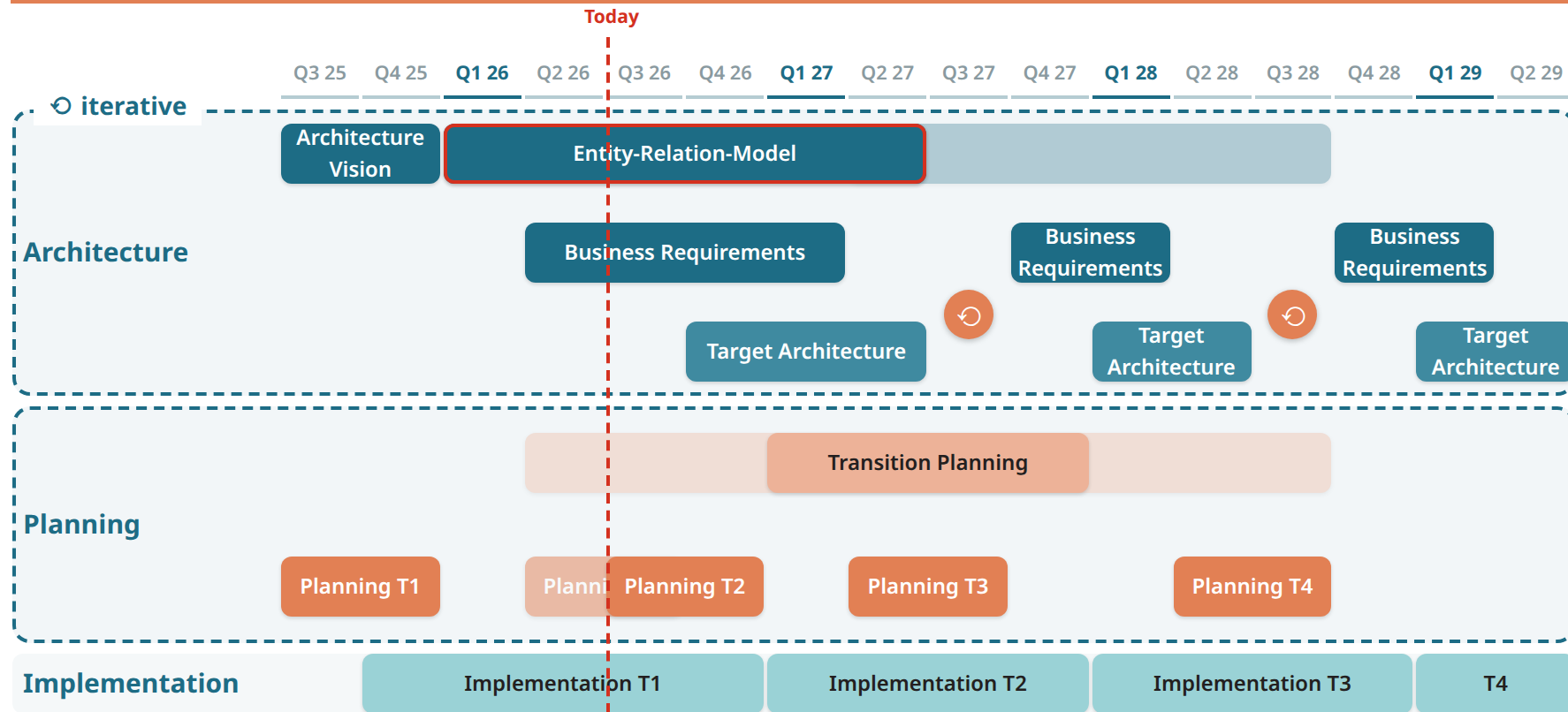


Where are we today?



⌚ Business Requirements, Target Architecture and Transition Planning are not sequential phases — each round feeds the next, and later rounds refine earlier decisions as understanding grows.

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Information Architecture (Entity-Relation-Model)

Group Discussions

1 3 Groups

2 3 Questions

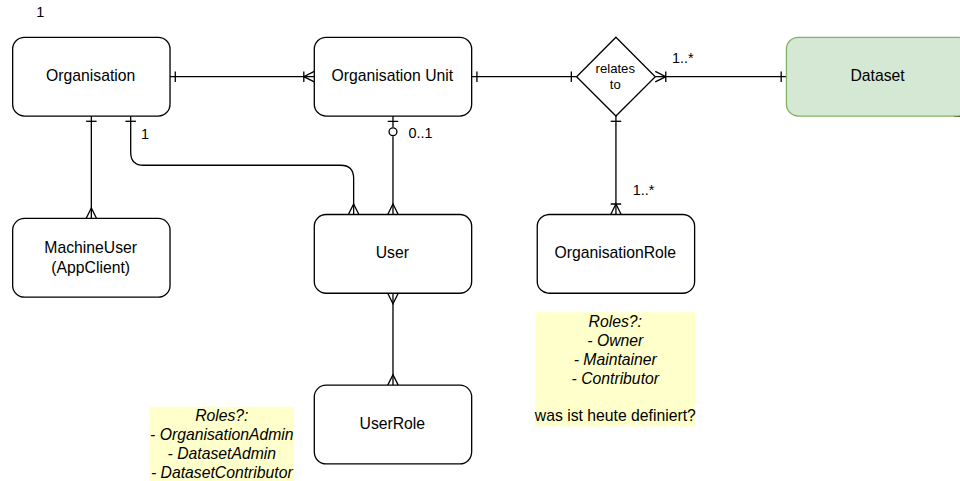
- ERM Focus 1: Permissions
- ERM Focus 2: Dataset Variants
- Most wanted functionality

3 Group Discussions

- ~10' per questions
- one thought per post-it

ERM Focus 1: Permissions

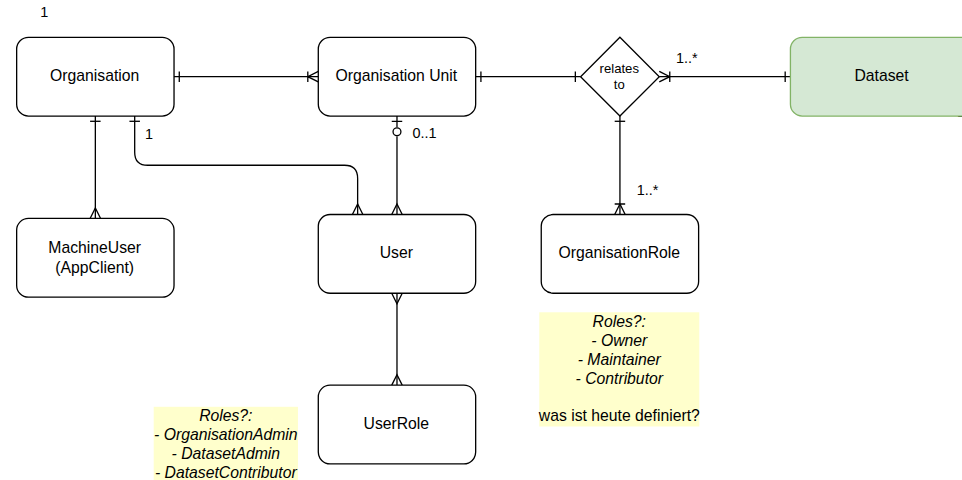
- Authentication via AGOV
- Authorization (probably) via CISARDA



ERM Focus 1: Permissions

Which roles/persons/groups are involved in Data Publication?

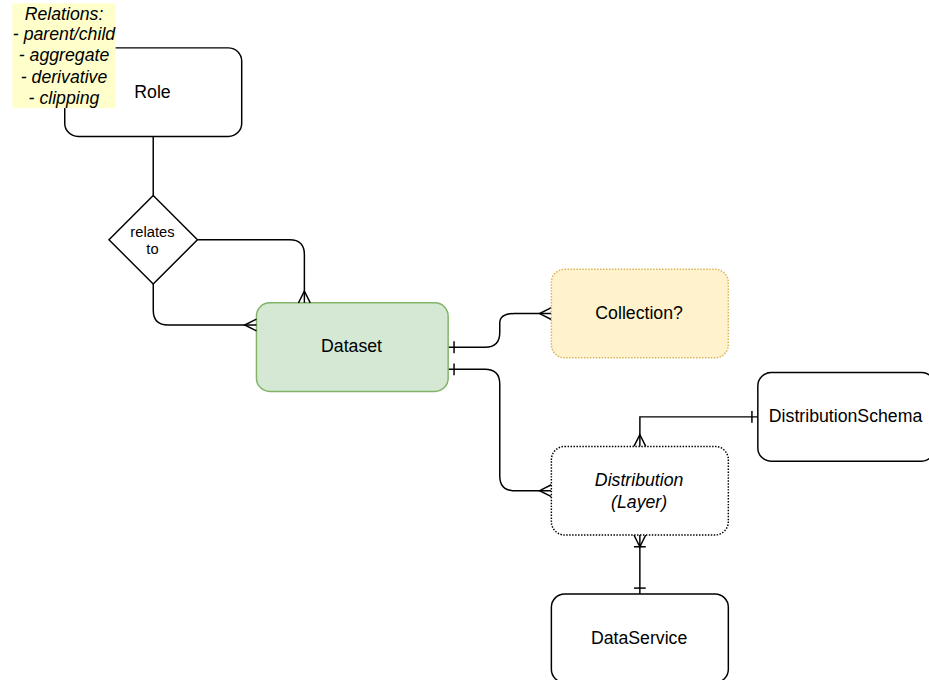
- Internally? Same or different team?
- Externally?
- Which permissions should be granted to which roles?
- Who can grant permissions?



ERM Focus 2: Dataset Variants

Datasets can have multiple variants (e.g. "Gefahrenübersicht Wasser", "Gefahrenübersicht Rutschung").

- What use cases do exists?
- Are these rather independent (and somehow related) Datasets or are these part of the same Dataset?
- Same or different models/schemas?
- Same or different data service?
- One dataset per data service? Several datasets per data service?



Most wanted functionality

Which functionality on SWISSGEO would make my life as data provider (for aggregated datasets, for cantonal datasets) much easier?

Summary and Key Takeaways

