



# **1st EUSALP experts' Workshop** **«EUSALP Energy Observatory»** **Canton St.Gallen**

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# Assignment

The Targets are:

20% more energy efficiency

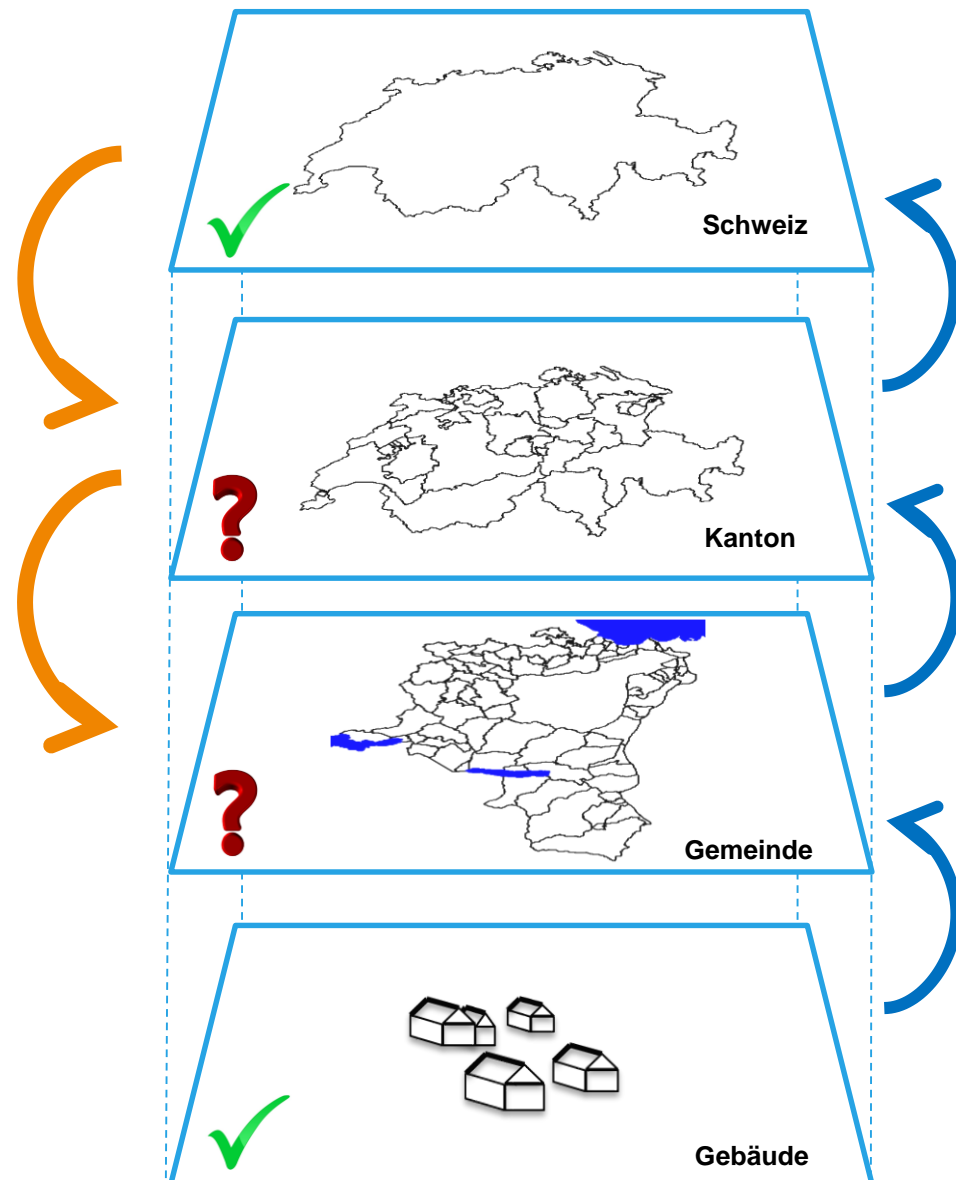
20% reduction of greenhouse gas emissions

20% share of the total energy demand is produced with renewable energy



# Initial Position

Level of aggregation:

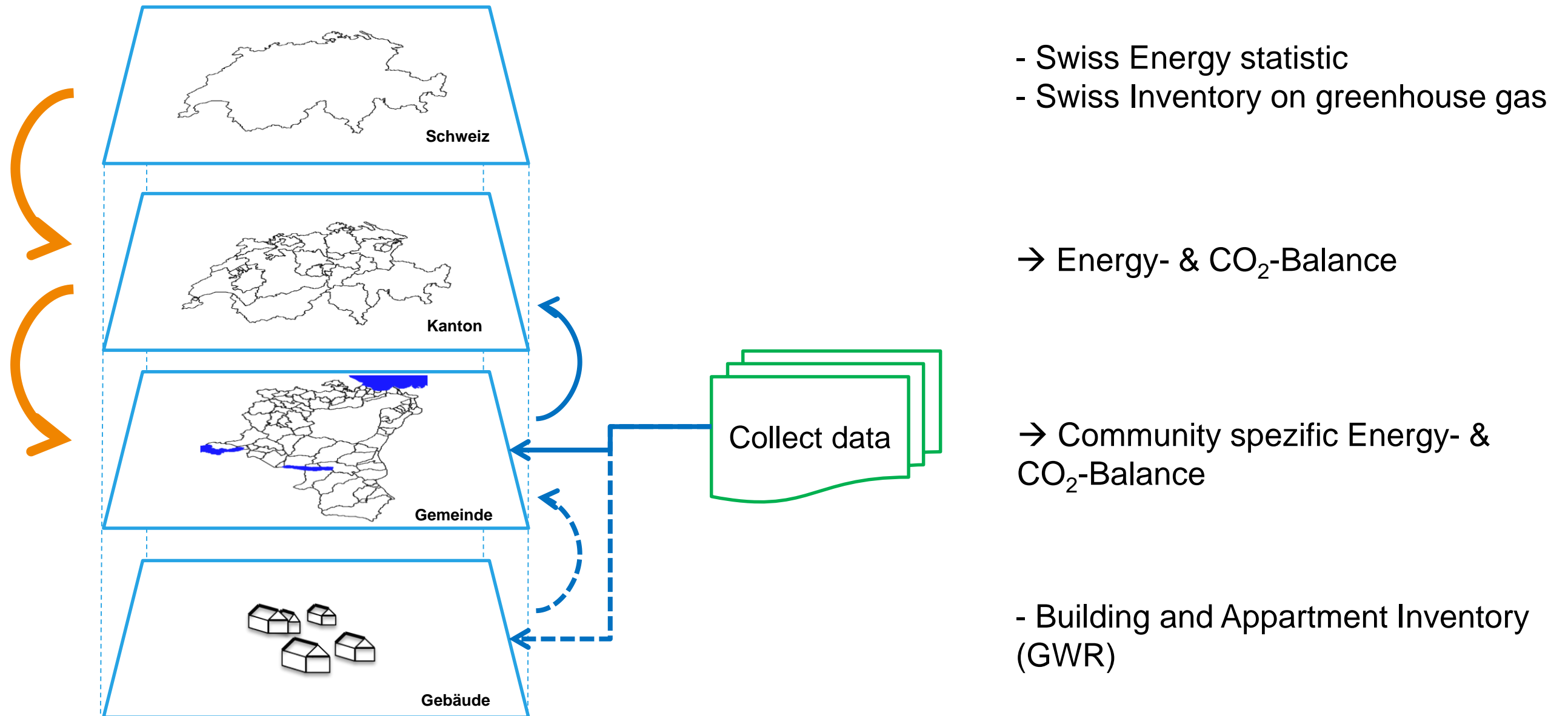


- Swiss Energy statistic
- Swiss Inventory on greenhouse gas

- Building and Apartment Inventory (GWR)

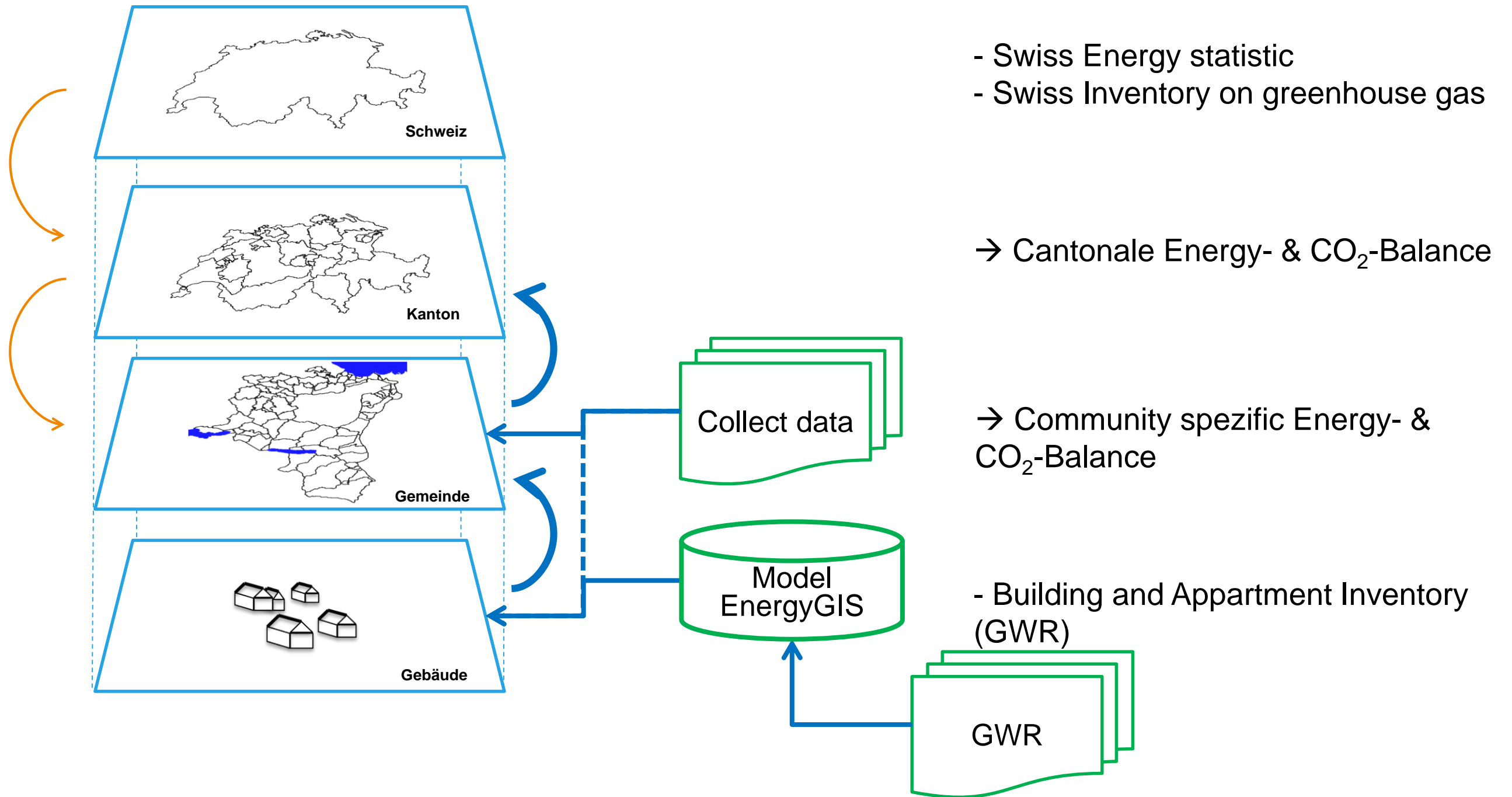
# Implementation – step one

Level of aggregation:



# Implementation – step two

Level of aggregation:

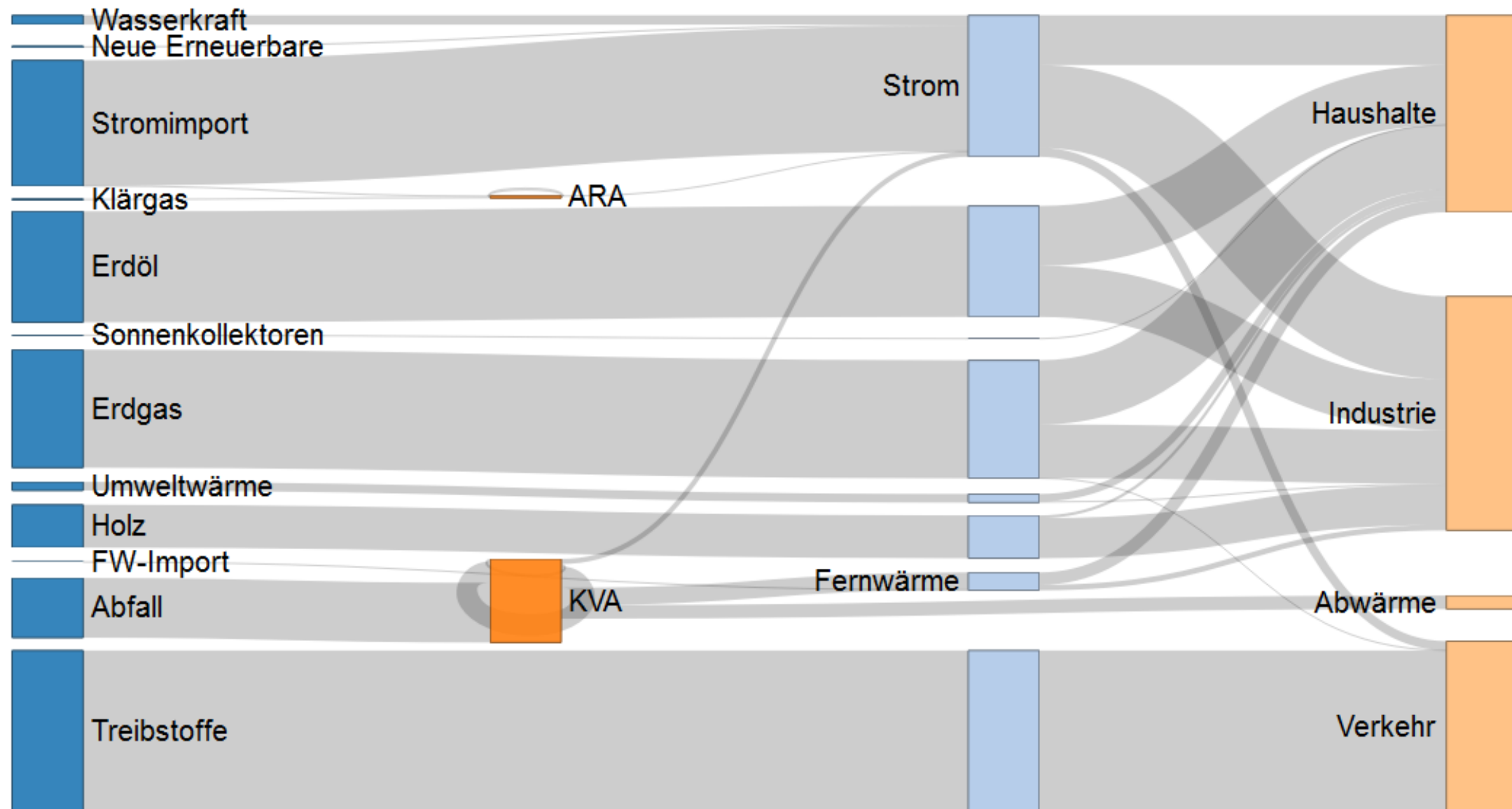


# Community specific Energy- & CO<sub>2</sub>-Balance

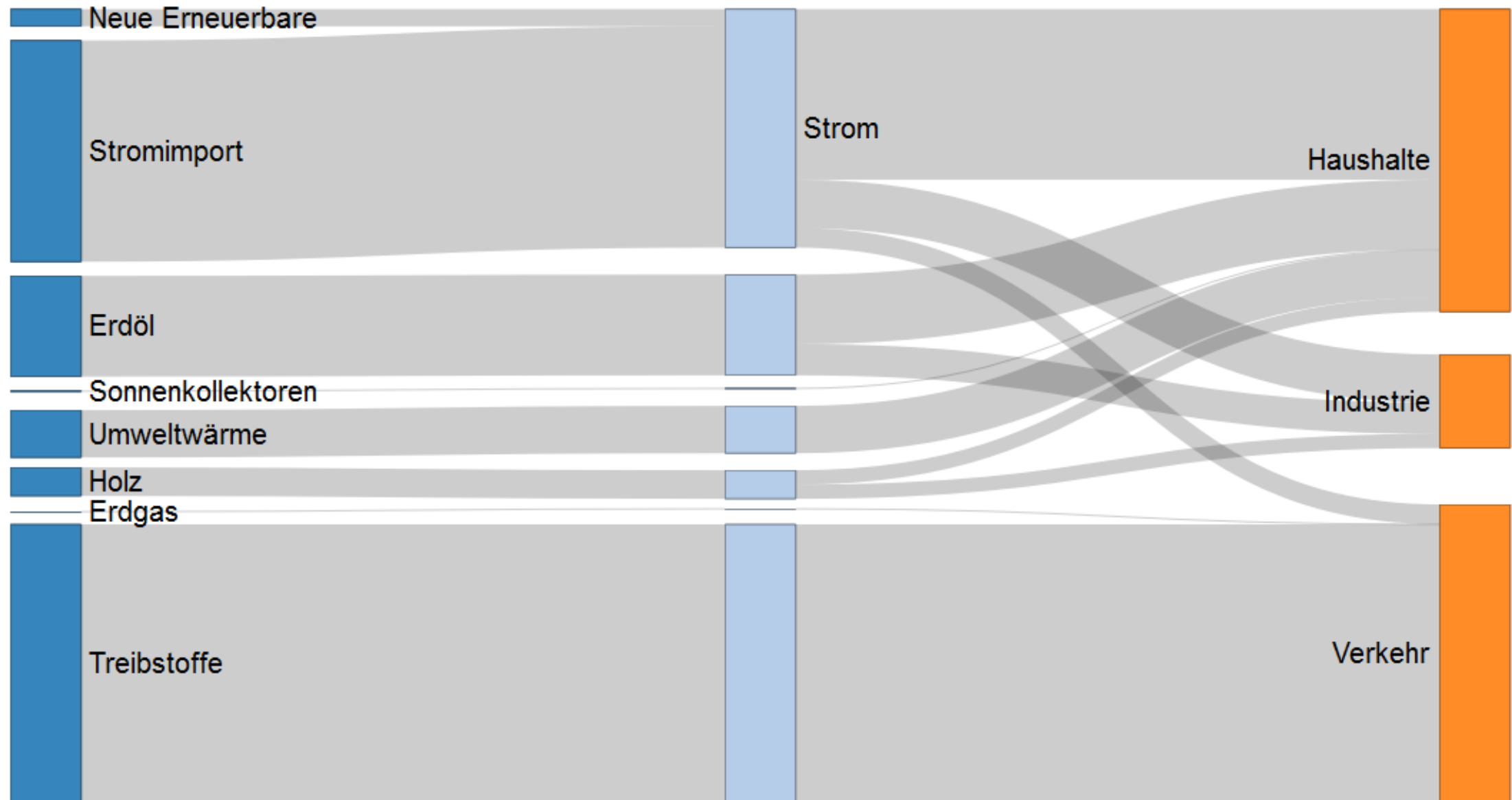
- [www.energie.sg.ch](http://www.energie.sg.ch)



# Products – Energy survey



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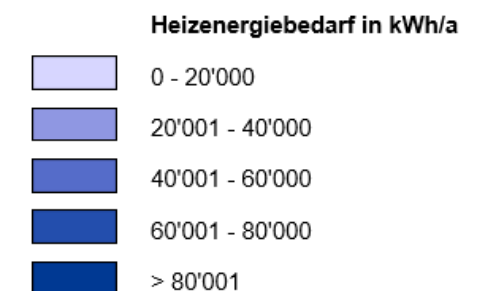
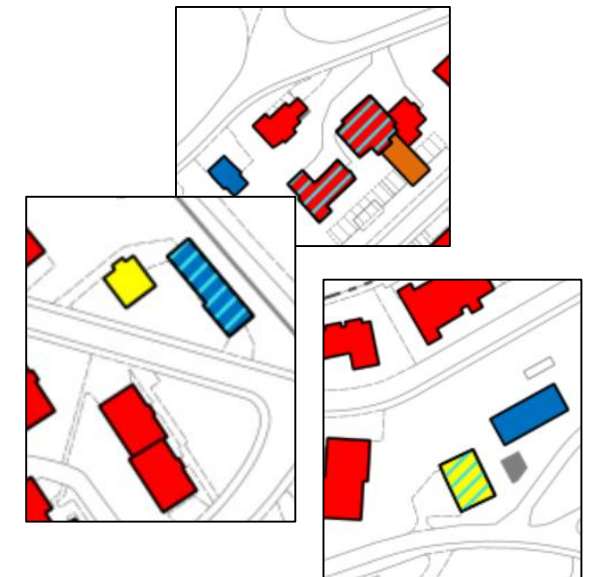
# Products – EnergyGIS

## Thematic maps:

- Main energy source for space and warmwater heating
- Energyuse as category

→ To locate buildings with high energyuse to plan district heating systems

→ [www.geoportal.ch](http://www.geoportal.ch)



# Conclusion

- Robust energy statistic;
- The communitys benefit from the various products;
- Specific development of the energy use within the building stock.

