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# Transformation of Mobility. Context Perspective (Topic B2.4)

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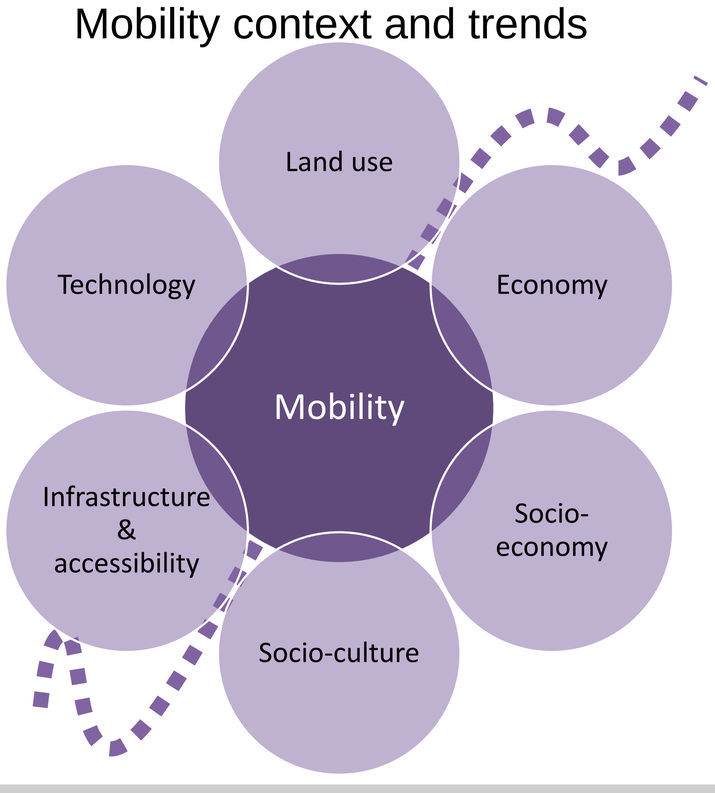
## 1. Research questions

- Which main trends determine current and might determine future mobility in Switzerland?
- How can Swiss mobility be transformed at a macro-level, meso-level and micro-level in order to reach an energy transition?

## 2. Work structure & approach

**Present** → **Transformation** → **Future**

Mobility context and trends




Macro-level
System transformation

Meso-level
Socio-economic development

Micro-level
Individual behaviour

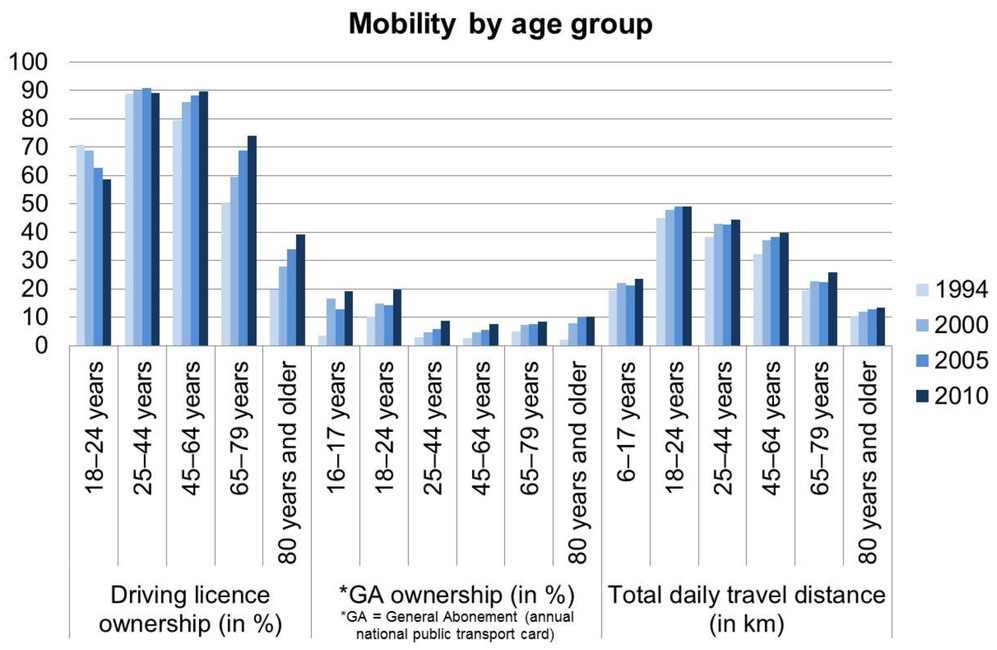
Energy transition

- Indicators of transformation
- Recommendations

## 3. Swiss mobility trends and transformation

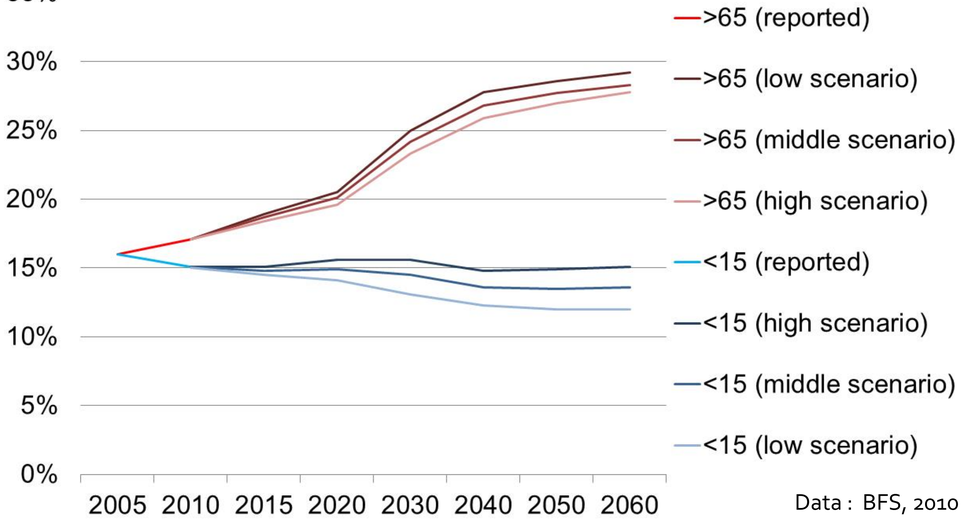
Trend in mobility-demographics:

Peak car of youth and increasing mobility of aged groups




Data: BFS, 2012

More aged people and less youth in the future

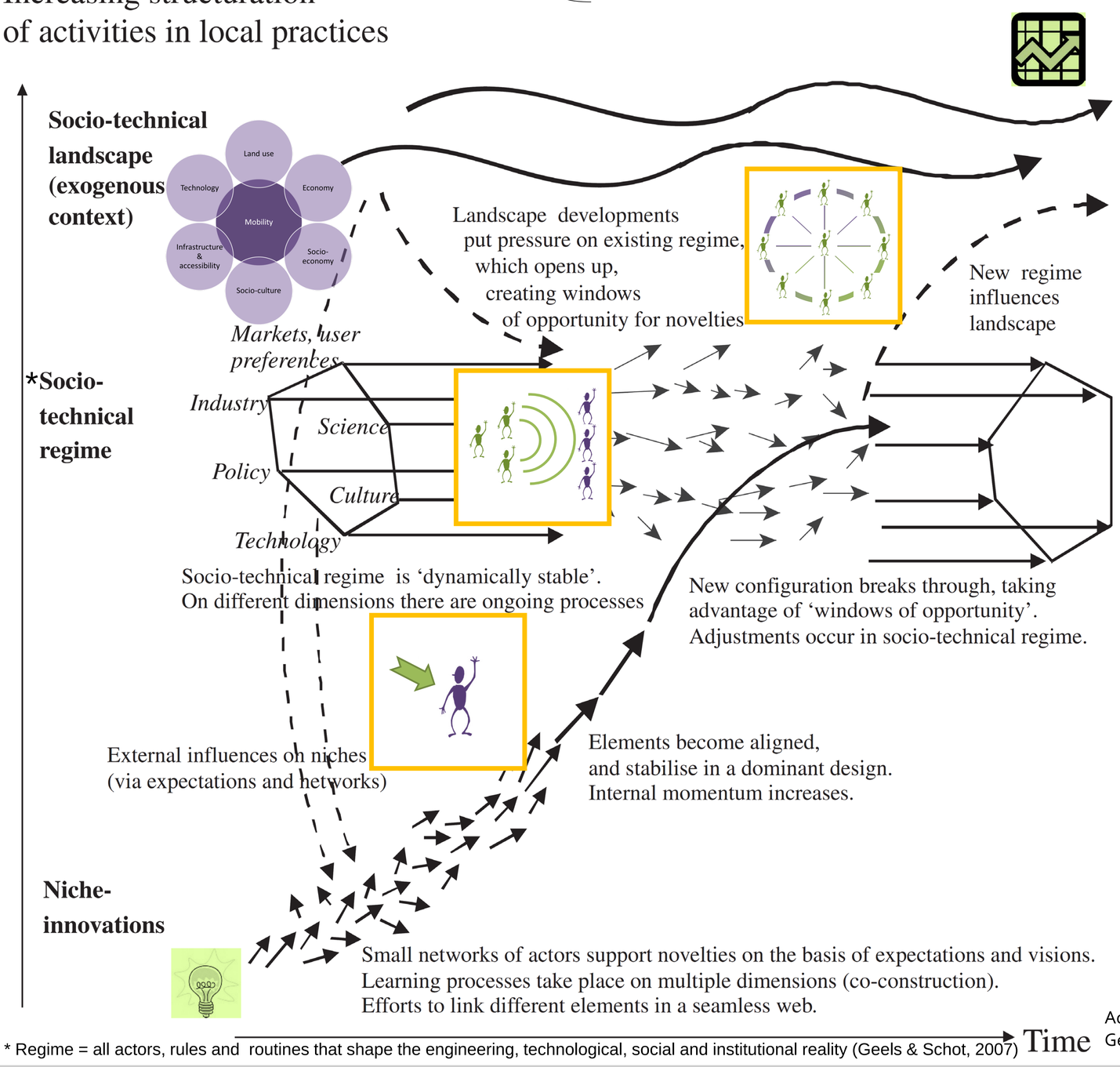



Data : BFS, 2010

Model of Multi-Level Perspective of Sustainability Transitions Research:

- Used as research framework
- Comprehensive and multidisciplinary approach
- Dynamic in terms of time

Increasing structuration of activities in local practices




Adapted from Geels, 2012

* Regime = all actors, rules and routines that shape the engineering, technological, social and institutional reality (Geels & Schot, 2007)

## 4. Summary

- Mobility trends reveal a higher energy consumption
- A transformation of mobility is needed to reach an energy transition
- Theories from different fields of study will be applied on transport at three levels
- Recommendations will guide stakeholders towards the energy transition in Switzerland

## References:

1) BFS, 2010. Szenarien zur Bevölkerungsentwicklung der Schweiz 2010-2060, Neuchâtel.
2) BFS, 2012. Mobilität in der Schweiz. Ergebnisse des Mikrozensus Mobilität und Verkehr 2010, Neuchâtel.
3) Geels, F. W., 2012. A socio-technical analysis of low-carbon transitions: introducing the. Journal of Transport Geography, Volume 24, p. 471–482.
4) Geels, F. W. and Schot, J., 2007. Typology of sociotechnical transition pathways. Research Policy, Volume 36, p. 399–417.