

50 years BKV

XVIII. City Transport Conference



The past, present and future of City Transport



Balatonfenyves, 17.10.2018

The EPTS Foundation in a nutshell

Background:

- Established in the 1980s, EPTS Foundation as institution since 2018
- Today: 15 different countries, 30.000 people in member associations (growing)

Principles:

- Neutrality, scientific objectivity
- Sustainability, diversity and pluralism

Approaches:

- All transport modes, all mobility objectives, all scientific professions
- All European countries (EU-27 plus) and adjacent regions
- Sponsoring as well as voluntary basis (registered non-profit organisation)

Goals:

- Establishing a network of knowledge for transport scientists
- Encouraging exchange towards “intercultural interoperability”
- Giving advice to EU stakeholders (administration, politicians, entrepreneurs)

50 years BKV

XVIII. City Transport Conference



The past, present and future of City Transport

- Why do we need public City Transport?
- What are the major systemic advantages and threats?
- mobility perspectives 2030 and beyond

50 years BKV

→ WHY do we need public transport?



source: forschung-und-lehre.de



source: ramasuri.de

General human approach:

- mobility of people and goods is a major achievement in all free societies
- urbanisation of cities is the predominant development on earth since decades

but:

- environmental impact of our current way of practicing mobility isn't sustainable
- Paris Agreement on Climate Change (2016), IPCC Report (10/2018): high pressure to take action

50 years BKV

→PT: advantages and threats?



source: pixabay.com



source: bote.ch

Chances:

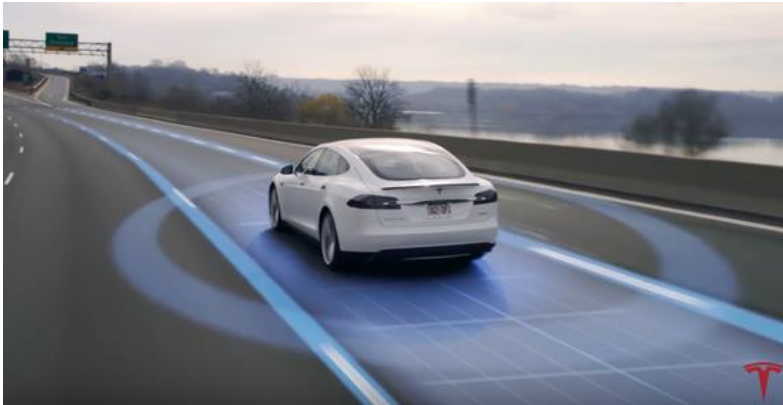
- high capacity, low spatial impact, ideal for large cities and metropolises
- principally environmental friendly

Challenges:

- complexity relatively too high, cost effectiveness often too low
- necessity of long-term public subsidies vs. short political election periods

50 years BKV

→ mobility perspectives 2030+



source: Tesla Motors



source: News Øresund / Jenny Andersson

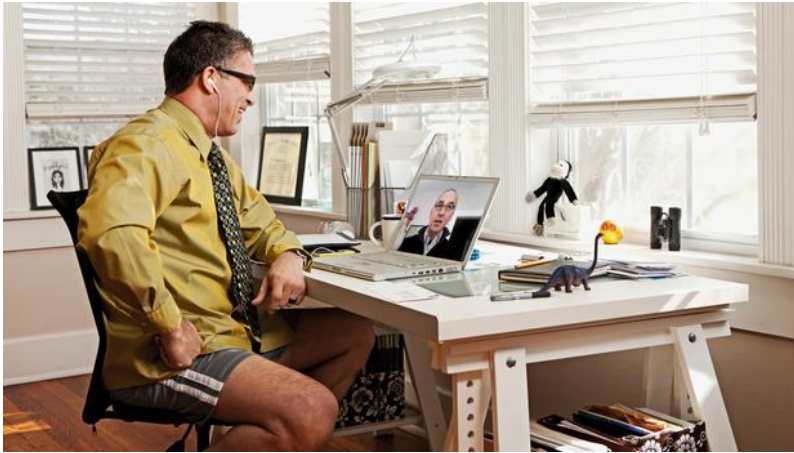


source: Deutsche Bahn

→ digitization leads to automated and autonomous vehicles, yet the mobility is still carried out analogue

50 years BKV

→ mobility perspectives 2030+



source: Getty Images



source: Armchair travel club



source: America retail

→ substitution of physical mobility coincides with availability of reliable and affordable electronic devices, namely the internet
→ complementary and overcompensating effects to virtual mobility likely

50 years BKV

→ Conclusions

→ From a general perspective, PT has got a splendid prospect

→ Metropolis areas are growing fast all over the world

→ More variety in life patterns: great chances to reduce demand peaks

→ Limitations between transport modes become more indistinct

→ More mobility options will not automatically lead to more sustainability



source: News Øresund / Jenny Andersson



source: Tesla Motors

50 years BKV

→ Recommendations

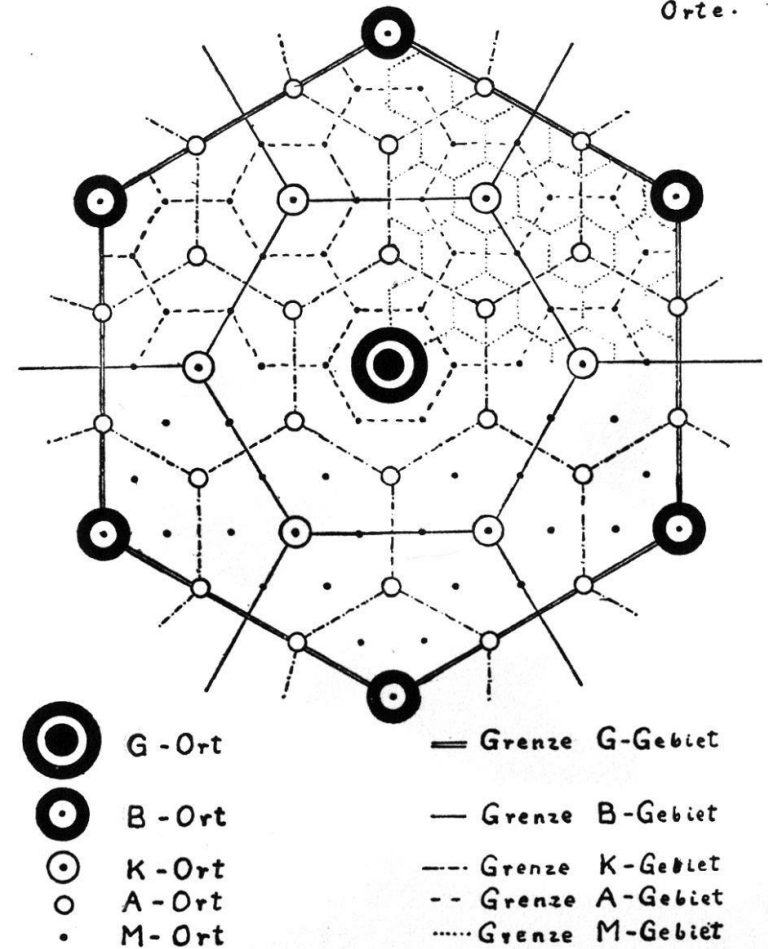
→ Balance between strong legal framework and equally strong entrepreneurial environment needed

→ Use digitization to reduce complexity and enhance capacity

→ Spatial planning: pay high attention to the chances of traffic avoidance and distance reductions

→ improve bike and foot modes: they are natural allies of Public Transport

Fig. 2. Die Ergänzungsgebiete im System der zentralen Orte.



source: zeithistorische-forschungen.de

**“Mille grazie – Dekuji – Hvala – Köszönöm szépen –
Dziękuję bardzo – Vielen Dank – Merci beaucoup –
Grazia fitg – Thank you very much – Blagodaram –
Muchas gracias – Takk – Dakujem – Paldies – Acio –
Kiitos – Dank u wel – Go raibh maith agat – Tack “**