

Policy, regulation and new services needs

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Research in motion

Automation and sharing

- Connection?
- Private vs. public transport (PT)
- Parking barrier to be removed
- Automated buses: lower PT cost
- Higher private transport quality. Drive without a license?
- Many reasons why people prefer to own their own car
- Stick, not only carrot, needed to dissuade people
- Parking scarcity most important driver?
- Own-produced goods are tax-free: drive your own car

How will these forces play out?

Freight

- Policy instruments?
- Road pricing?
- Shipping – how to make policy instruments bear?

Aviation

- Increasing challenge
- Asian markets are not yet deregulated: huge potential for growth
- Policy instruments?

3 paths to electrify road transport

- Battery
- Hydrogen
- Catenary etc.

Large investments needed in rolling stock and/or infrastructure. Avoid lock-in!

Cap-and-trade

Electrification amounts to moving source of emission into the EU ETS.

- How to make non-economists recognize its significance?
- How to make economists recognize its vulnerability?

Biofuel

How to channel it towards most 'deserving' applications?

- Aviation
- Ocean shipping

Avoiding wishful thinking

- Reality checks are needed
- Businesses and consumers are (the) decision makers
- MaaS is a pipe dream? (Fantasy). To implement MaaS, strong policy intervention called for – too strong for voters to accept?
- How to defuse the hot-air balloons floating around? (hype of automation and sharing)

Thank you for listening!

