



Forum for transport innovation



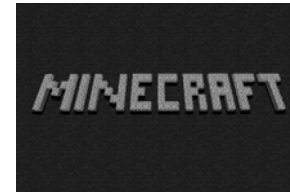
The Swedish Transport system Challenges

- Efficiency
- Competitiveness
- Sustainability



Some drivers for Sweden

Automotive industry – self driving vehicles



Telecom industry – IoT/Digitalization

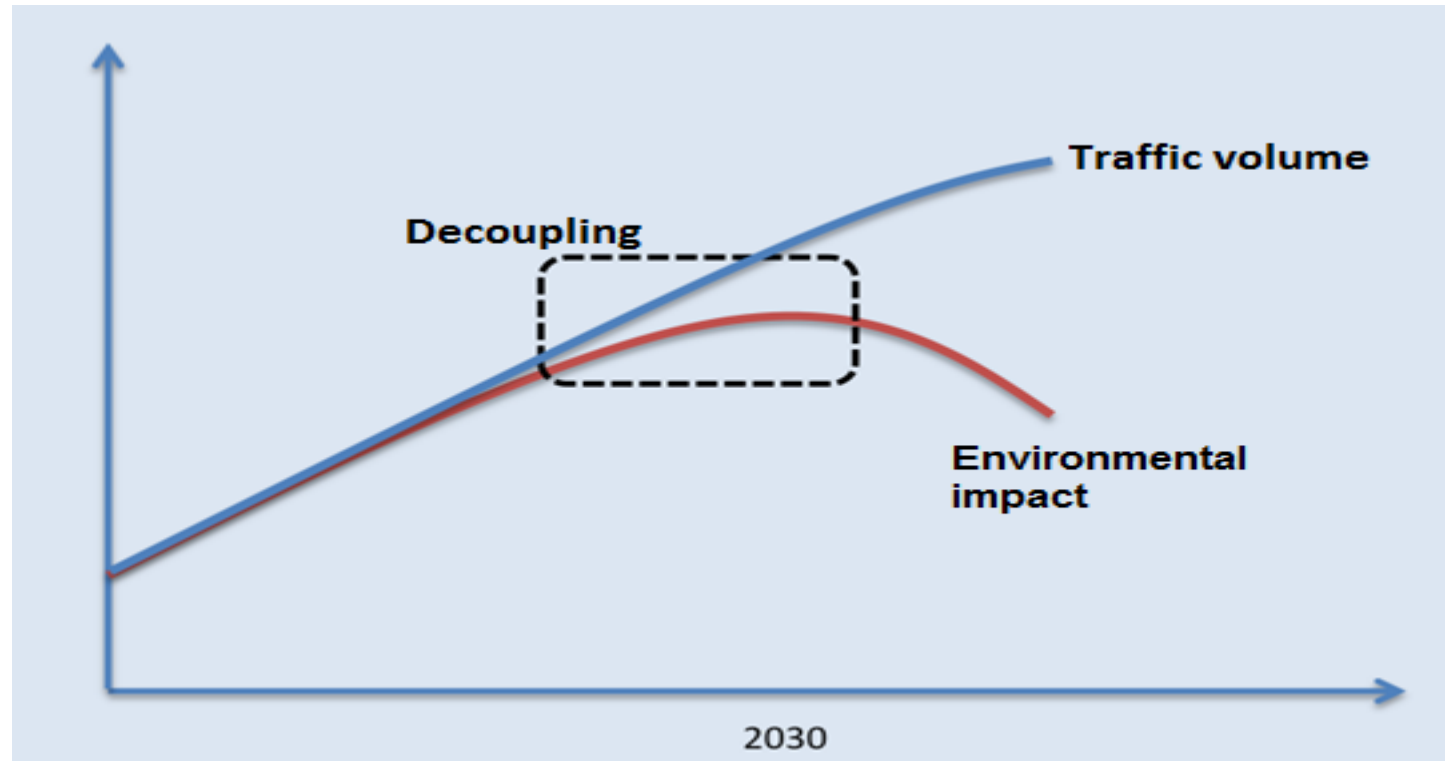
Security/Safety industry – Robust solutions



Servitization “industry”

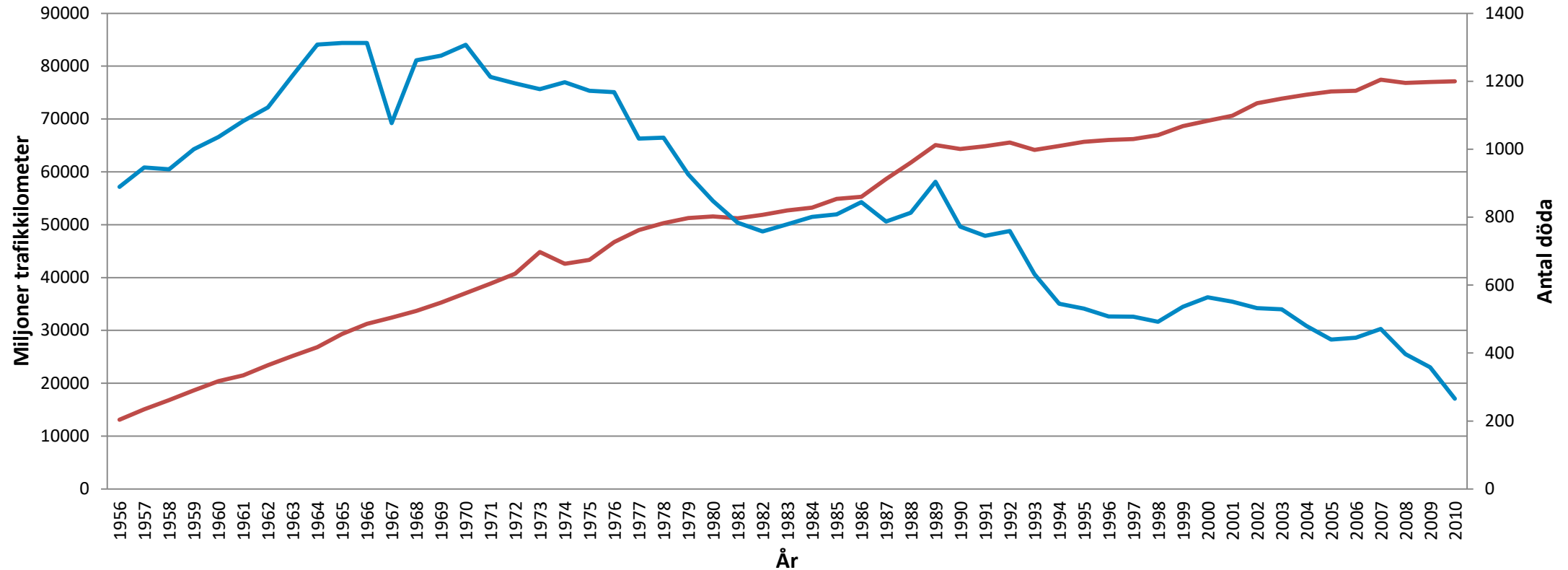


... reverse the trend



We have done it before ...

Road fatalities and traffic volume 1956 - 2010



Focus on transport innovation

- Joint venture between industry, academy and government.
- Three sectors needs to cooperate and evolve together; energy, telecom & transport
- Increase the output of innovation from the transport system
- Identify the strategic R&I-areas in which Sweden should prioritize and focus its efforts.

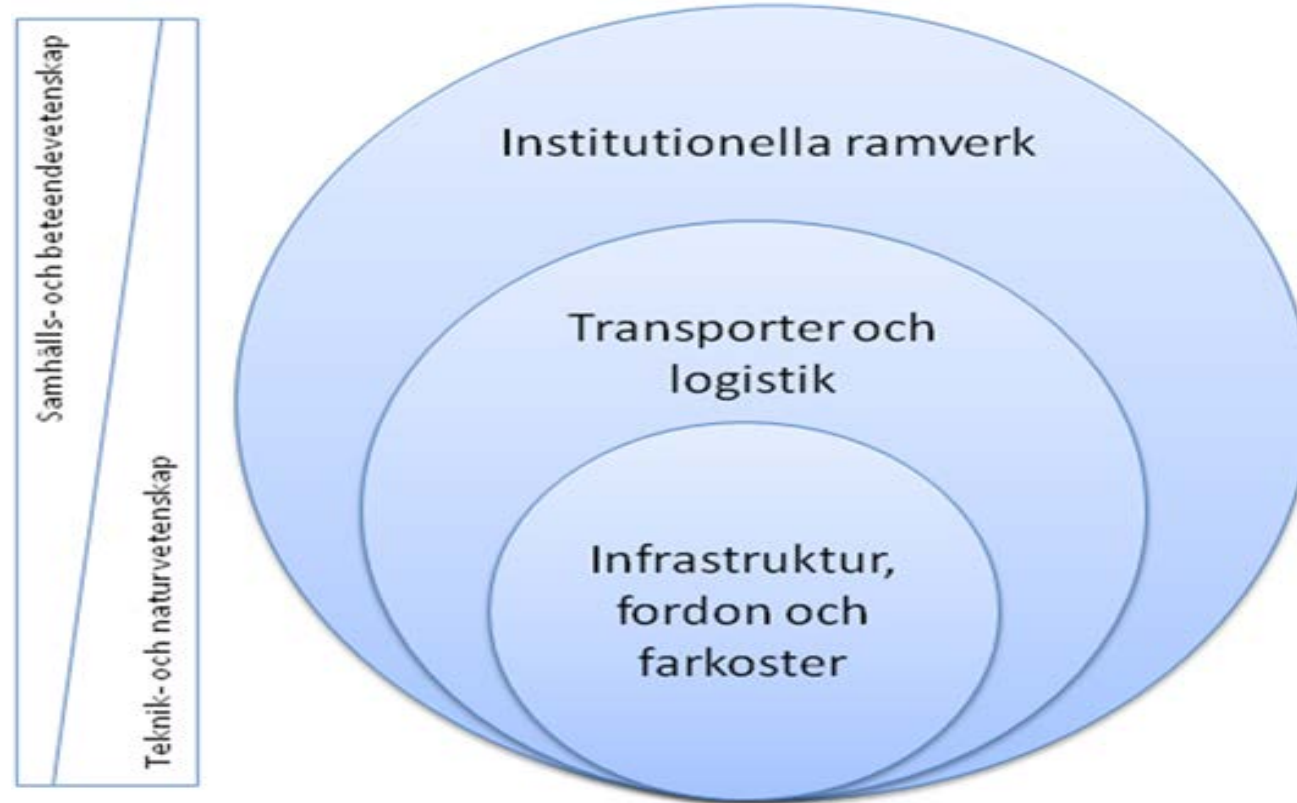


A platform for strategic dialogue

1. Forum is a “dialogue platform” for developing a common Swedish innovation strategy for the transport sector
2. Based on the common strategy, the most promising innovation areas are defined
3. For each innovation area, concrete road maps are elaborated in dialogue between key stakeholders, specifying what needs to be done, when and by whom.
4. The road maps are implemented e.g through facilitation of test- and demonstration projects.
5. Coordinate Swedish EU activities.



Innovation different levels



Members of Forum

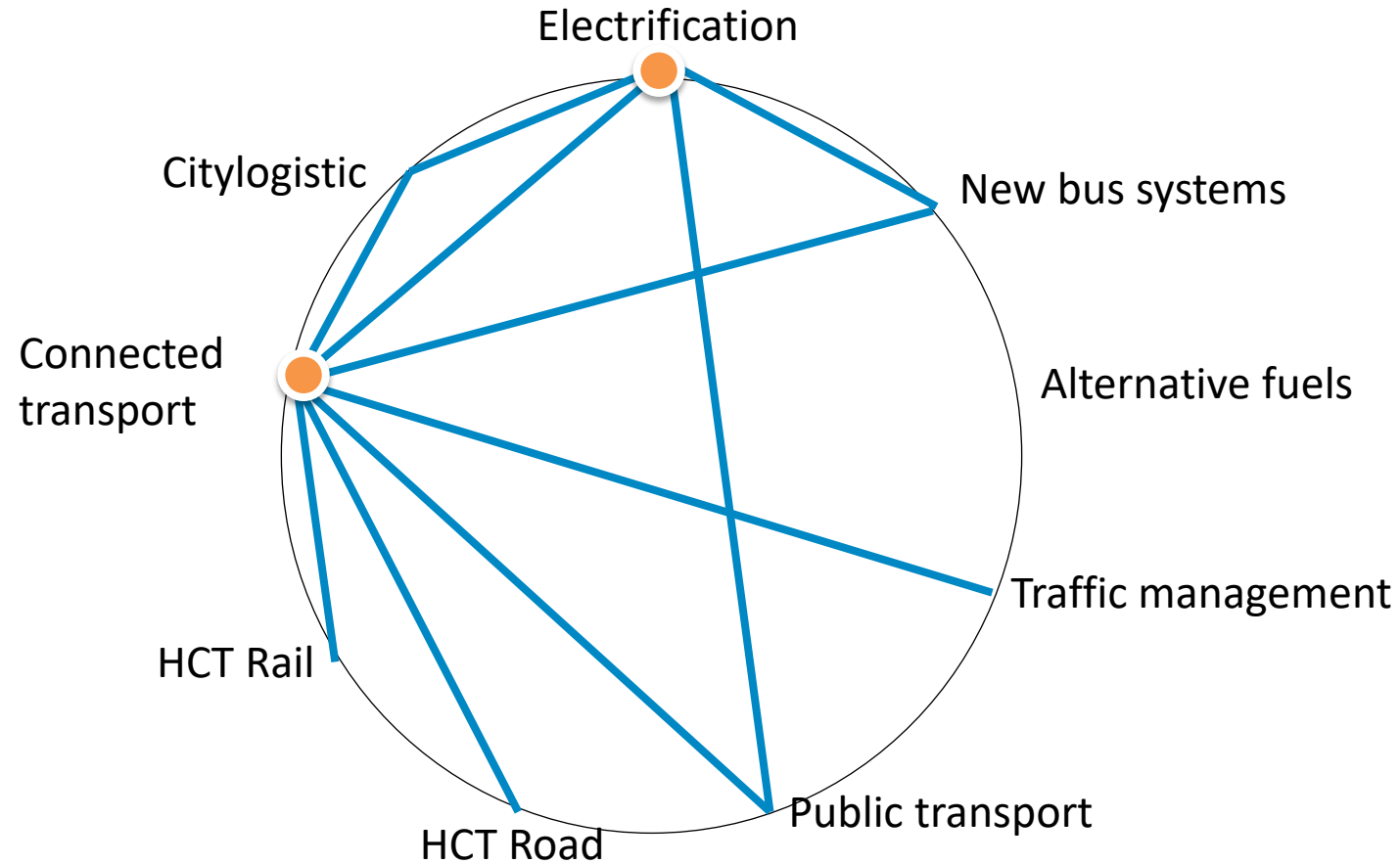


Developed roadmaps

- High Capacity Transport – road (CLOSER)
- New fuels - methanol/DME (Stena/AB Volvo)
- Electrification of road transportation (Energy Agency/STA)
- Future solutions for Bus Rapid Transit (AB Volvo)
- Traffic management– intermodal perspectives (Viktorika ICT)
- Public Transport – increased availability (K2/VTI)
- Connected and cooperative transports (Ericsson/Volvo/Scania)
- City logistics (CLOSER)



Synergies between the roadmaps



Output from some roadmaps

- Pre commercial procurement of electric roads
- Strategic innovation program: Drive Sweden
 - www.drivesweden.eu short [movie](#)
- National Open Traffic Data platform
- BRT pilots in different cities
- Nordic Way 1 and 2 (CEF-project)
- OECD - High Capacity Transport study
- Methanol/DME ferry (Stena Line)



Pre commercial procurement of electric roads

- National Road Administration
- Pre commercial procurement of electric roads
- Two test sites in real traffic conditions
 - Gävle – overhead power supply
 - Arlanda/Stockholm – power supply from road
- Tests are in progress. Ends in 2018.



Strategic innovation program: Drive Sweden

The national government-sponsored cross-functional collaboration platform aiming at designing the next generation mobility system for people and goods; based on connected, automated and shared vehicles. www.drivesweden.eu



<https://youtu.be/WmYsWYDQxul>

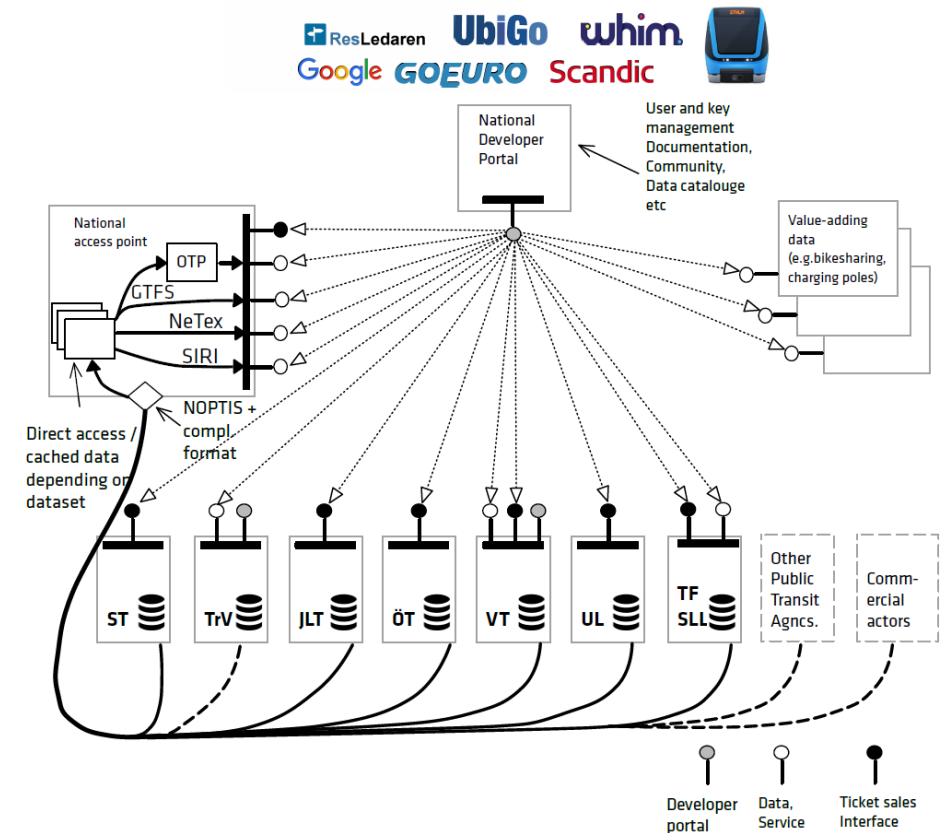
Funded by



Forum for
transport innovation

National Open Traffic Data platform

- Data from all publicly funded transportation
 - PTSs
 - National Road Administration
 - Citys
- Agree on common data sets
- Agree on common APIs
- The purpose is to facilitate the growth of exiting new mobility services.
- Coordinated with all activities in Sweden regarding the growth of MaaS.



Innovation Strategy for Swedish Transport Sector



Co-operation



Focus



Prioritize