

LUXMOBILITY

WORLDWIDE MOBILITY SOLUTIONS



The European vision
of smart mobility

CIVITAS, Smart City
and beyond

Patrick van Egmond

CIVITAS an Initiative of DGMOVE supported through the H2020 Program to help cities

- *to develop and test in practice Smart Mobility to improve mobility locally, and to serve as an example for other European cities.*



SMART Cities an initiative of DG ENERGY supported through the H2020 Program

- *To deploy wide-scale, innovative replicable and integrated solutions in the **Energy, Transport, and ICT***
- *Increase mobility efficiency with lower emissions of pollutants and CO2; reduce the energy costs; decarbonize the energy system (**Electrification of transport**)*



**An opportunity to advance your
Smart Mobility
by using the European support offered?**

SMART Cities three thematic fields

1. Energy: (Nearly zero) or low energy districts
2. Electrification of transport in combination with Smart charging parking lots, Public transport, Street Lightening, production of renewables through solar power, wind turbines, energy positive housing.
3. ICT Smart Grid and cross-cutting ICT solutions for the design and overall management of energy/ transport systems



CIVITAS 8 thematic fields

1. Collective passenger transport
2. Demand management strategies
3. Mobility management and travel awareness
4. Safety and security
5. Urban freight logistics
6. Information systems and services
7. Clean fuels and low emission vehicles
8. Car-independent lifestyles



Integrated in Sustainable Urban Mobility Plans (SUMPS)

Why Delft is interested

- Energy neutral by 2050/ 50% reduction of CO2 by 2030.
Restructuring of City center (Spoor zone)

Lennart Harpe,
Councilor for
Transport and
urban development
of the City of Delft

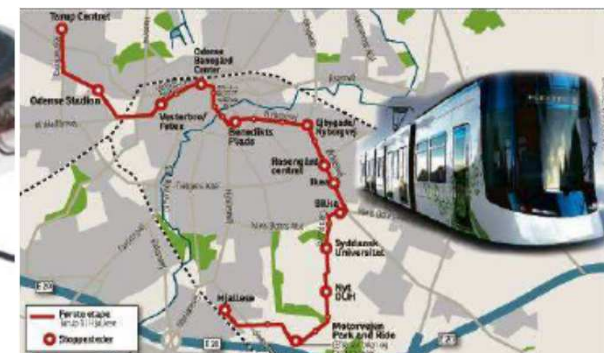


Total investment approximately €1 billion

Why Odense is interested

- Creating a car free, sustainable and accessible city/
Reintroduction of the tram in city center / enlargement of the pedestrian zone

Steen Moller,
Councilor for
Transport and
Mobility of the City
of Odense



Why Shenzhen is interested

Xu Qin, Mayor
of Shenzhen



- China's Low Carbon city/ fast growing/ introduction new metro line



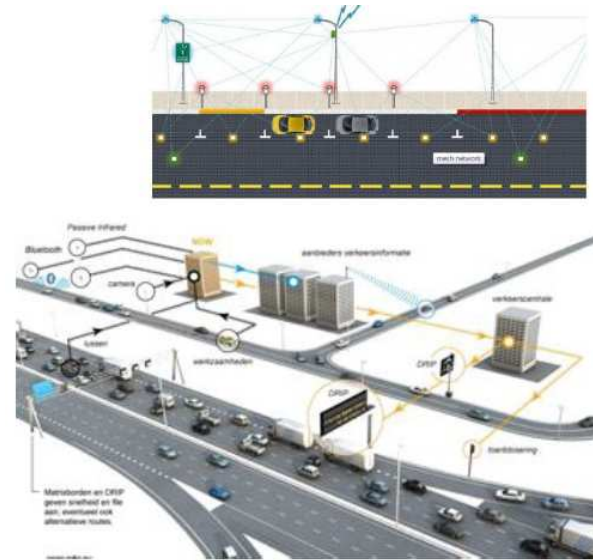
Smart Mobility supported by the EU



Introduction electric vehicles

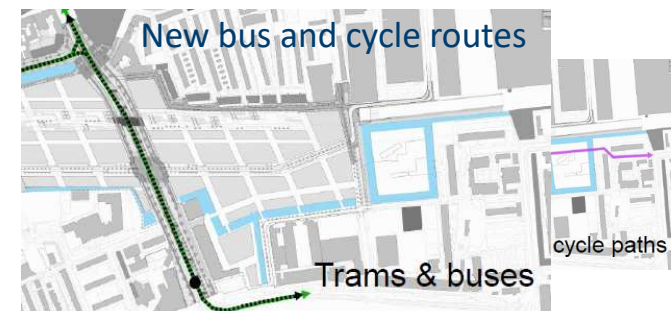


Introduction of new low/
zero emission buses



Use of big data for traffic planning

Implementation of SUMP/PDU



Smart Mobility supported by the EU



Involve companies/ green deal



School Mobility Plans



City distribution



Serious Mobility Games



Use bicycles for short distances



Social measures



Multifunctional P+R

Strong local partnerships

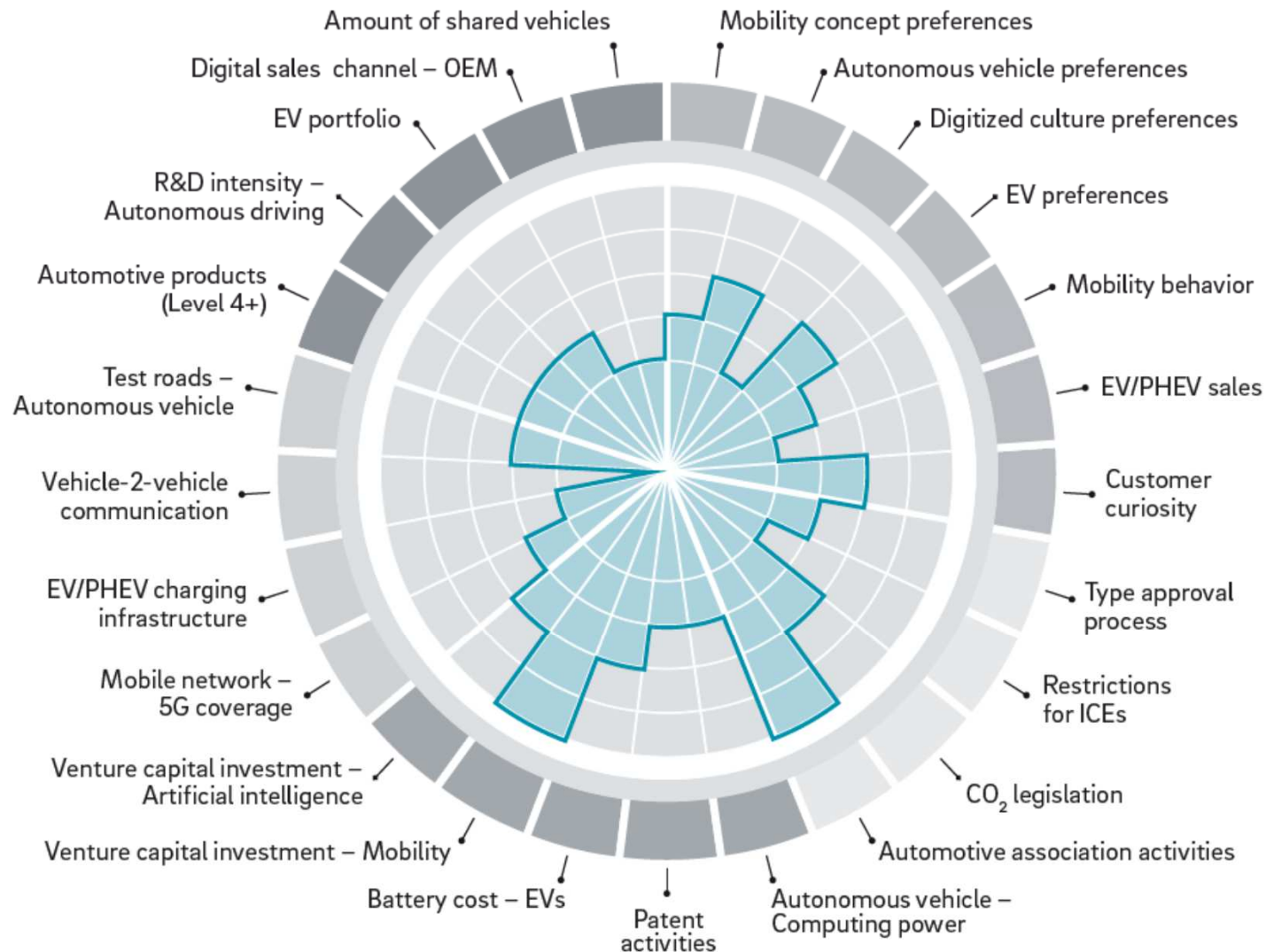


Strong European partnerships



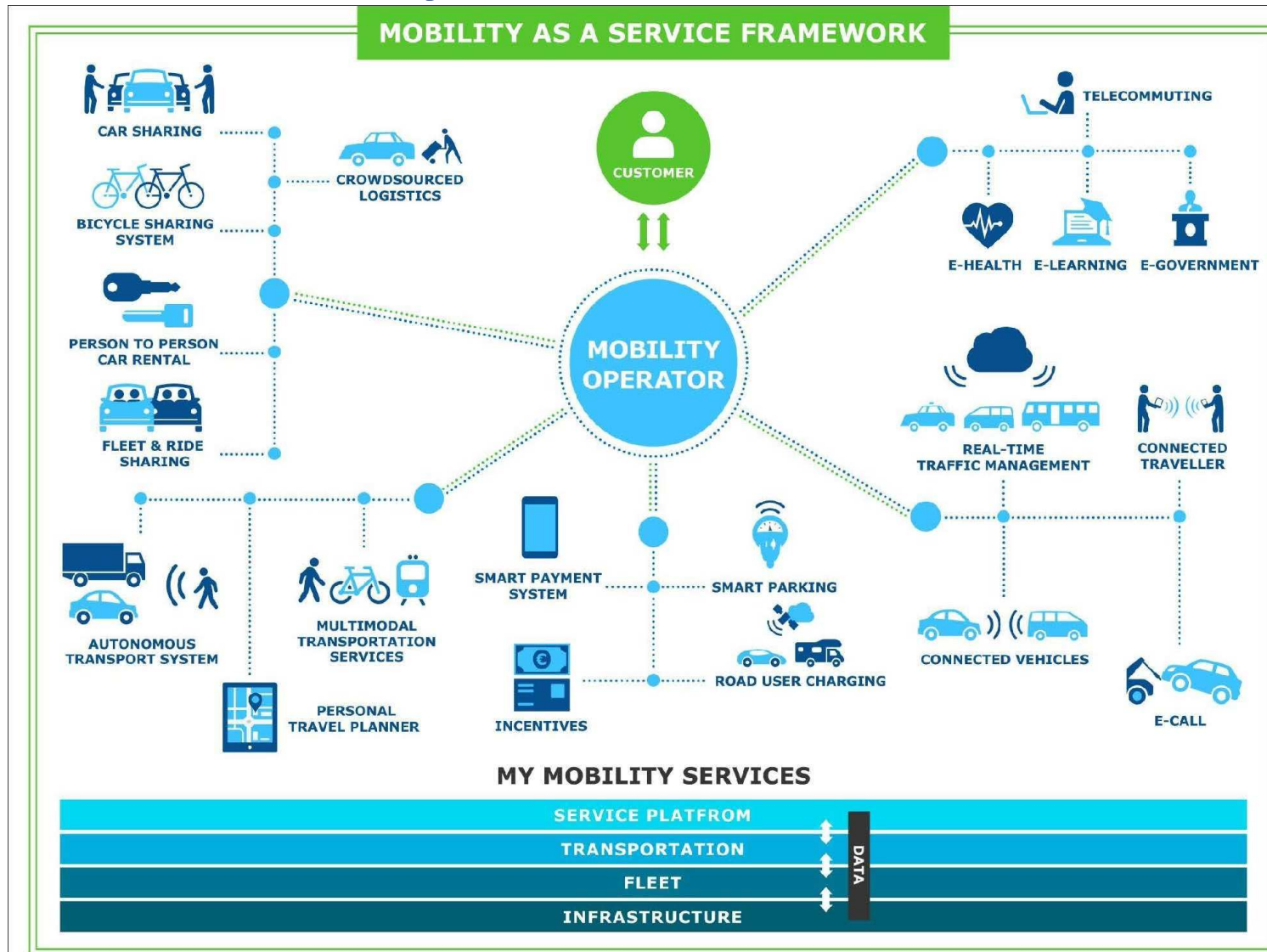
New topics of European Research & Demonstration

Autonomous Driving



Source: Robert Berger

Mobility as a Service



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Thank you