



City of  
Gothenburg

# Drive Me

Self-driving cars - learning by doing

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SWEDISH  
TRANSPORT  
AGENCY



TRAFIKVERKET  
SWEDISH TRANSPORT ADMINISTRATION



City of  
Gothenburg



LINDHOLMEN  
SCIENCE PARK

**Autoliv**



# Why Drive Me?



- The global trends are challenges which demand joint efforts
- Cooperation between different stakeholders in the society (academia, private and public sector)
- Research on how self-driving vehicles can contribute to a sustainable mobility

# Our Vision

(video 2:45 min)



# Drive Me – a research platform

## Drive Me

Research platform in the area of self driving vehicles for sustainable mobility.

### Current partners

Volvo Cars, Swedish Transport Administration, Swedish Transport Agency, City of Gothenburg, Lindholmen Science Park, Chalmers University of Technology and Autoliv

### Supporting external research

- WASP
- SAFER
- H2020, Adaptive
- NREL collaboration
- Additional FFI projects (HATTRIC, FUSE, TRUST ME, ...)

**Project 1**  
Legal aspects of self driving vehicles.

Swedish Transport Agency

**Project 2**  
Autonomous Driving Effects of Sustainable Transportation

Volvo Cars and Swedish Transport Administration

**Project 3**  
Autonomous Driving Fuel Economy

Volvo Cars and Swedish Transport Administration

**Project 4**  
Auto parking and city planning

Volvo Cars and City of Gothenburg

**Project 5**  
Copplar  
Campus Shuttle – AD in mixed traffic

Chalmers University of Technology, Autoliv and Volvo Cars

**Project X**  
Future projects

# Key outcomes from a city perspective



- How can SDVs be part of new mobility solutions and improve the everyday lives of our citizens?
- How can SDVs help mitigate the challenges of safety, congestion, air pollution and CO<sub>2</sub>
- Explore how the use of SDVs can contribute to design attractive city environments

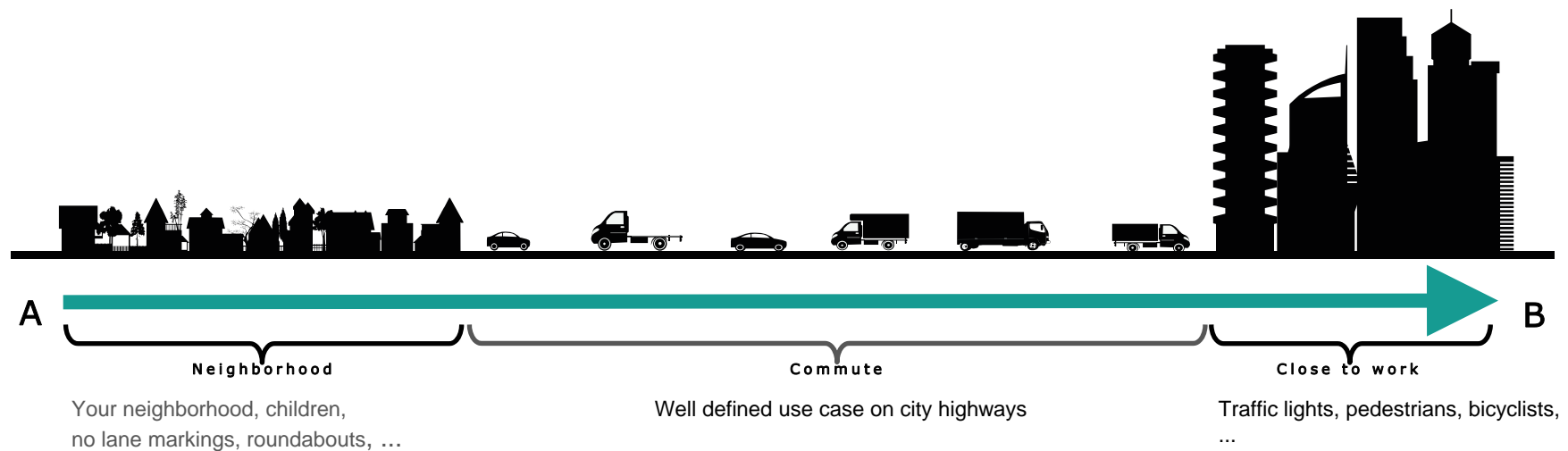
# The Pilot



- Starting in 2017
  - 100 customers on public roads
  - Verifying technology
  - From supervised to unsupervised
- 
- The world's first large scale project for SDVs

# Well defined commute highways

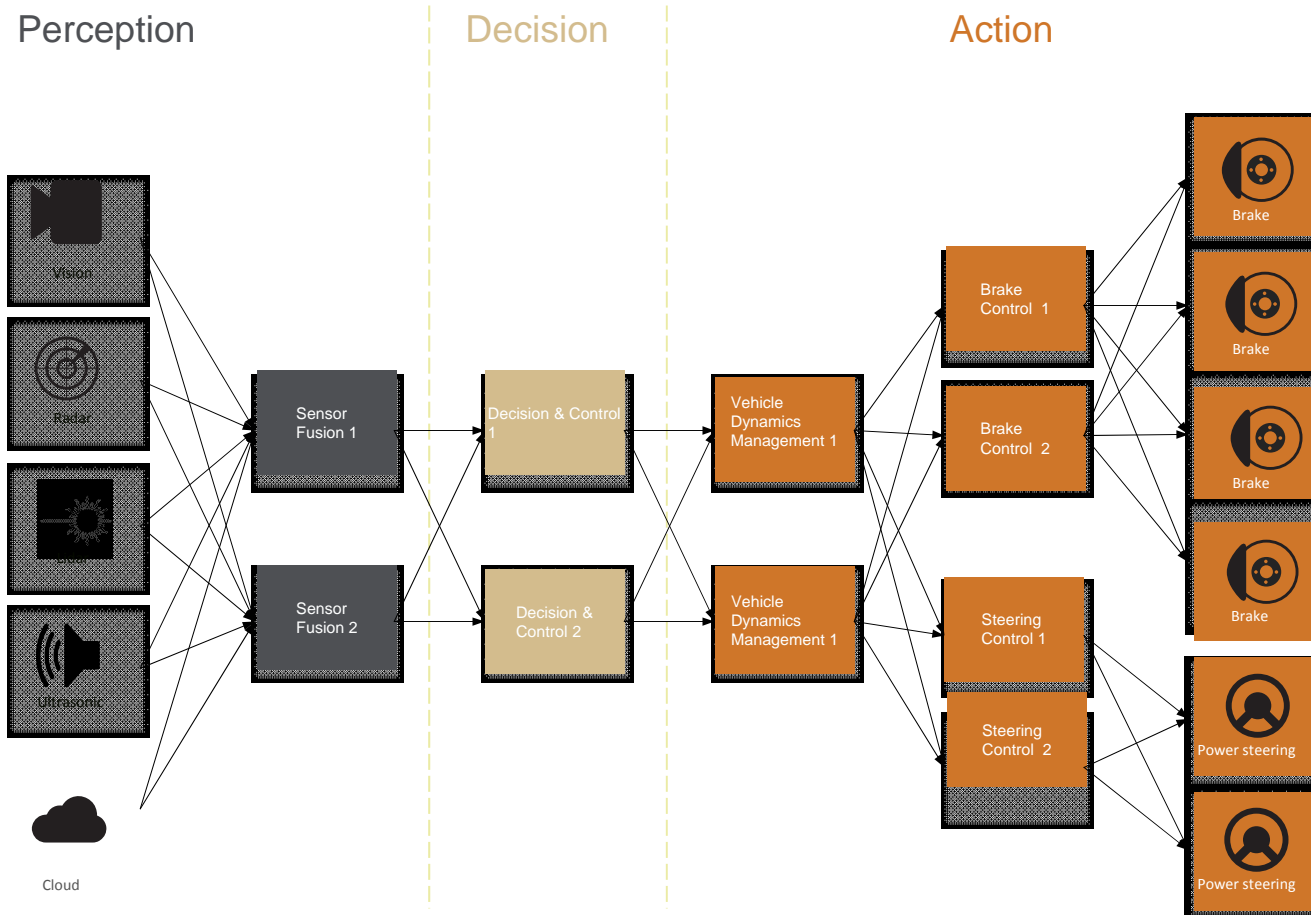
- Vision Zero
- Risk management



# A user centric approach



# The Technology



# A Sustainable, attractive city



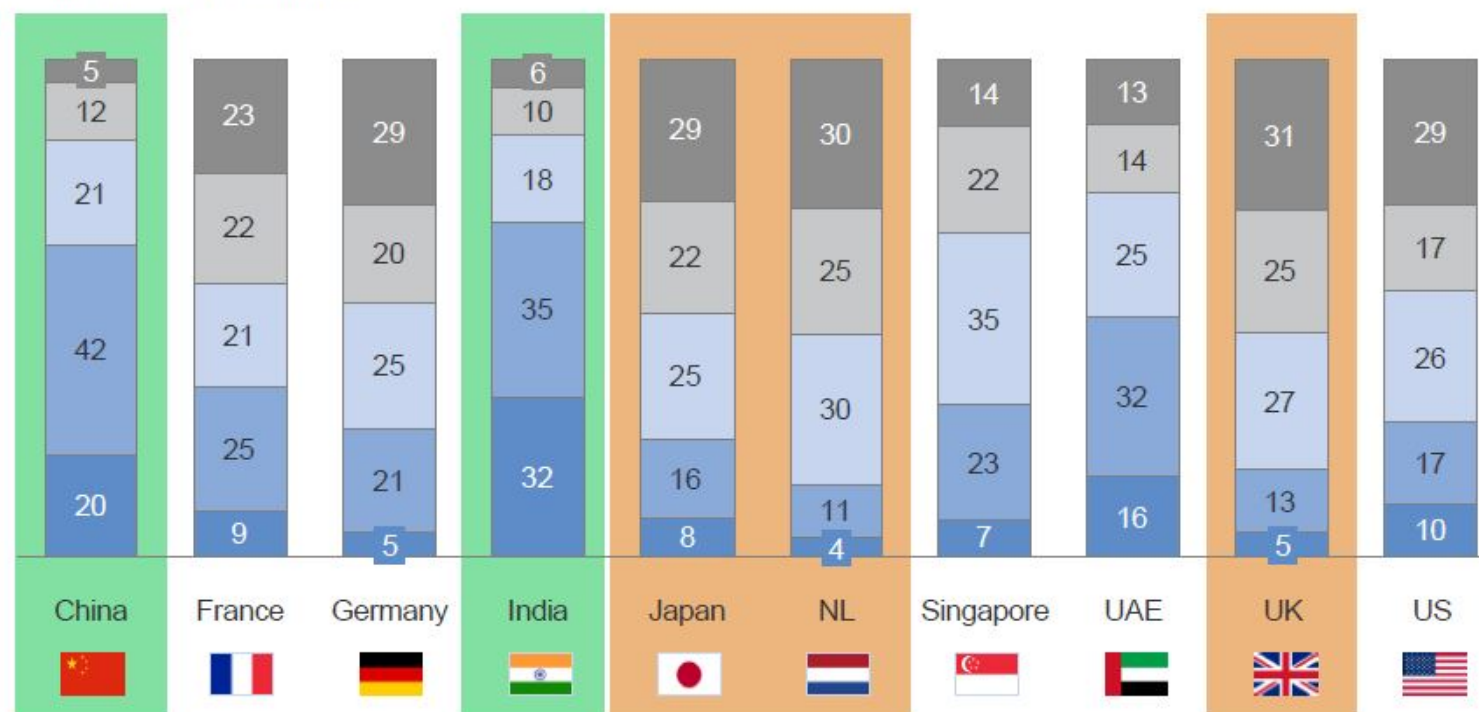


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# How likely are you to consider using a shared self-driving taxi?

In % of respondents per country



Q: How likely are you to consider using a shared self-driving taxi?

n=5,635

Very unlikely
  Unlikely
  Neutral - Neither likely nor unlikely
  Likely
  Very likely