

# Autonomous Driving – Policy Aspects

## A (small) city's view

Gert Blom

Strategic Advisor Mobility - city of Helmond

ITS Innovation Manager – ITS Agency BrabantStad



ITS a Tool or a Toy?  
Zilina, 22 November 2016



# The broader context ....

- ☐ 600 fatalities per year in The Netherlands
- ☐ 25.000 per year in the EU
- ☐ 1.2 Mio per year worldwide
- ☐ This is 3.400 traffic victims per day ...
- ☐ And ... congestion in the EU costs nearly 100 billion Euro, or 1% of the EU's GDP, annually
- ☐ And ... about 40 million people in the EU are exposed to air exceeding WHO air quality guideline values
- ☐ And ....



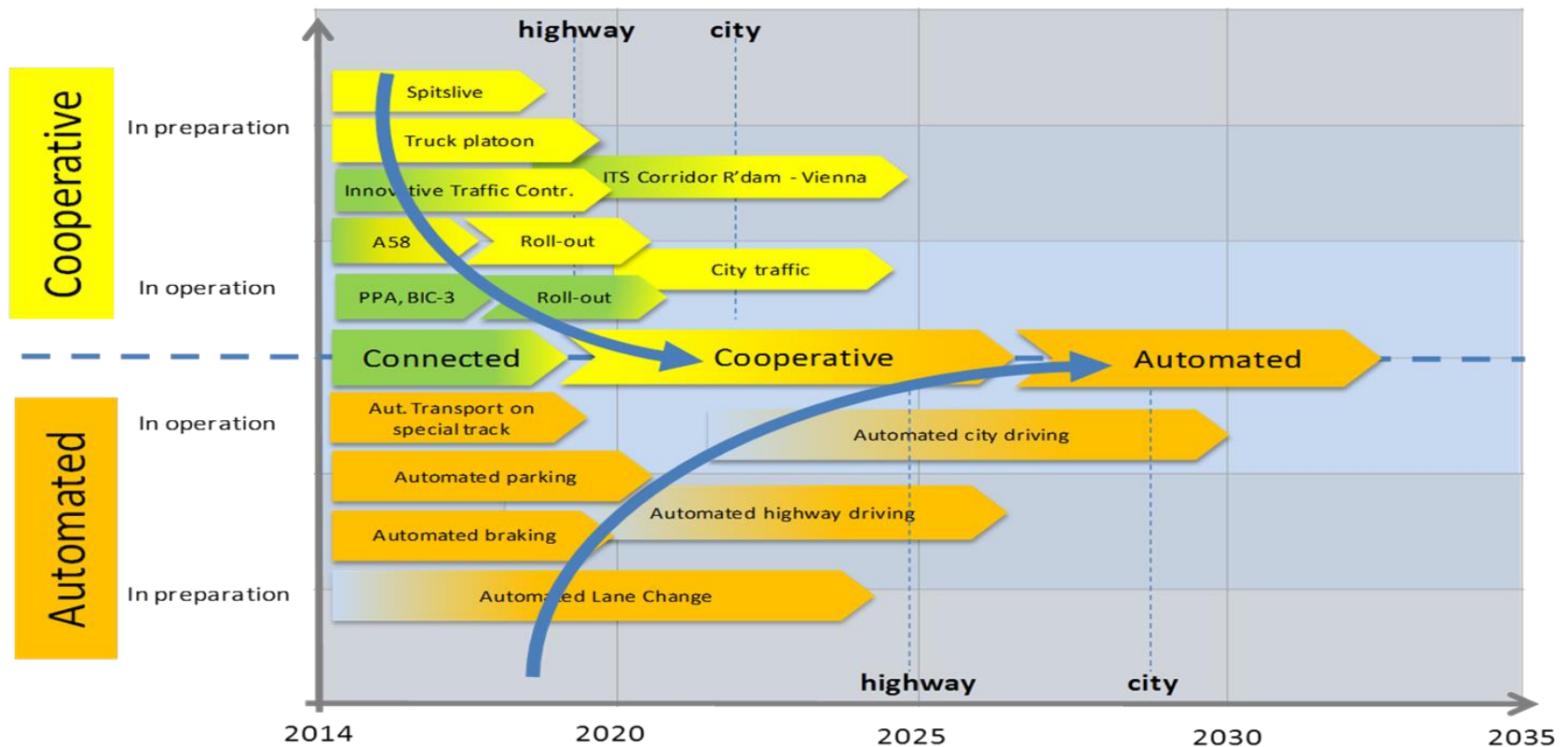
# The local context ....



## Our vision ...



# Our vision ...





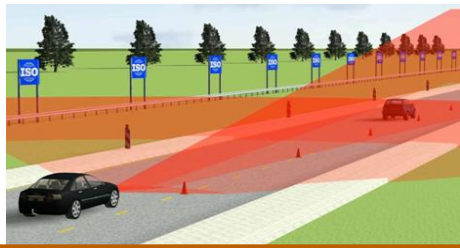
# Our commitment ...



Active support of smart  
mobility pilots and  
showcases



# From simulation to deployment of ITS ...



Simulation



Lab tests



Field tests



# Helmond Living Lab ITS ...



## Grand Cooperative Driving Challenge



# AD in Helmond – some challenges ...

- ❑ Road safety in transition phase, esp. VRU's
- ❑ Assessing Impact on mobility system (modal split, accessibility, ... )
- ❑ Prepare for introduction and transition towards automated vehicles
  - ❑ Understanding impact on traffic management : EU MAVEN project
  - ❑ Understanding impact on infrastructure
  - ❑ Understanding infrastructural requirements
- ❑ Incremental introduction of *useful* services
  - ❑ Automated Valet Parking
  - ❑ Automated shuttle services
  - ❑ Intelligent Speed Adaptation



# AD and cities - some statements ...

- ❑ **No Automation without connectivity : not “autonomous” !**
- ❑ **Current C-ITS investments are no waste of tax-money**
- ❑ **Incremental introduction of automated driving services**
- ❑ **Urban areas very challenging for automated driving**
- ❑ **But worth supporting deployment by public authorities**
- ❑ **Impact of automated driving goes far beyond mobility domain**

**For more information  
please contact**

[www.drivenbyhelmond.nl](http://www.drivenbyhelmond.nl)

[g.blom@helmond.nl](mailto:g.blom@helmond.nl)

Mobile: + 31 6 53 21 48 51

