



22nd
ITS World Congress

Bordeaux, France

5 to 9 October

2015

Automated driving in the Netherlands

TOWARDS INTELLIGENT MOBILITY
Better use of space

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FOT-Net data international workshop

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Rijkswaterstaat

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Our ambition



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Working group “self driving vehicle”

- Ministry of Infrastructure & the Environment
 - Rijkswaterstaat, national road operator
 - RDW, type approval authority
1. Adjustment of (inter)national law
 2. Facilitate large-scale practical tests
 3. International efforts to make deployment a reality
 4. Stimulating and developing knowledge

Exemption procedure



Intake



Desk
research



Testing on a
closed proving
ground



Admittance
based on an
exemption



Evaluation

Knowledge agenda

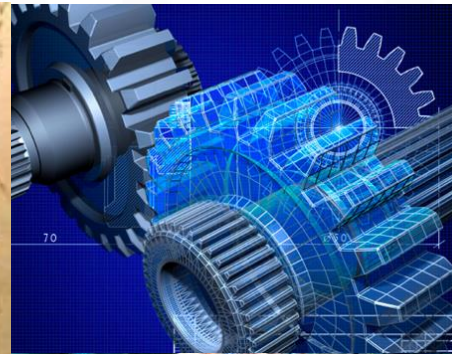
Legal

Technical

Human Factors

Impact

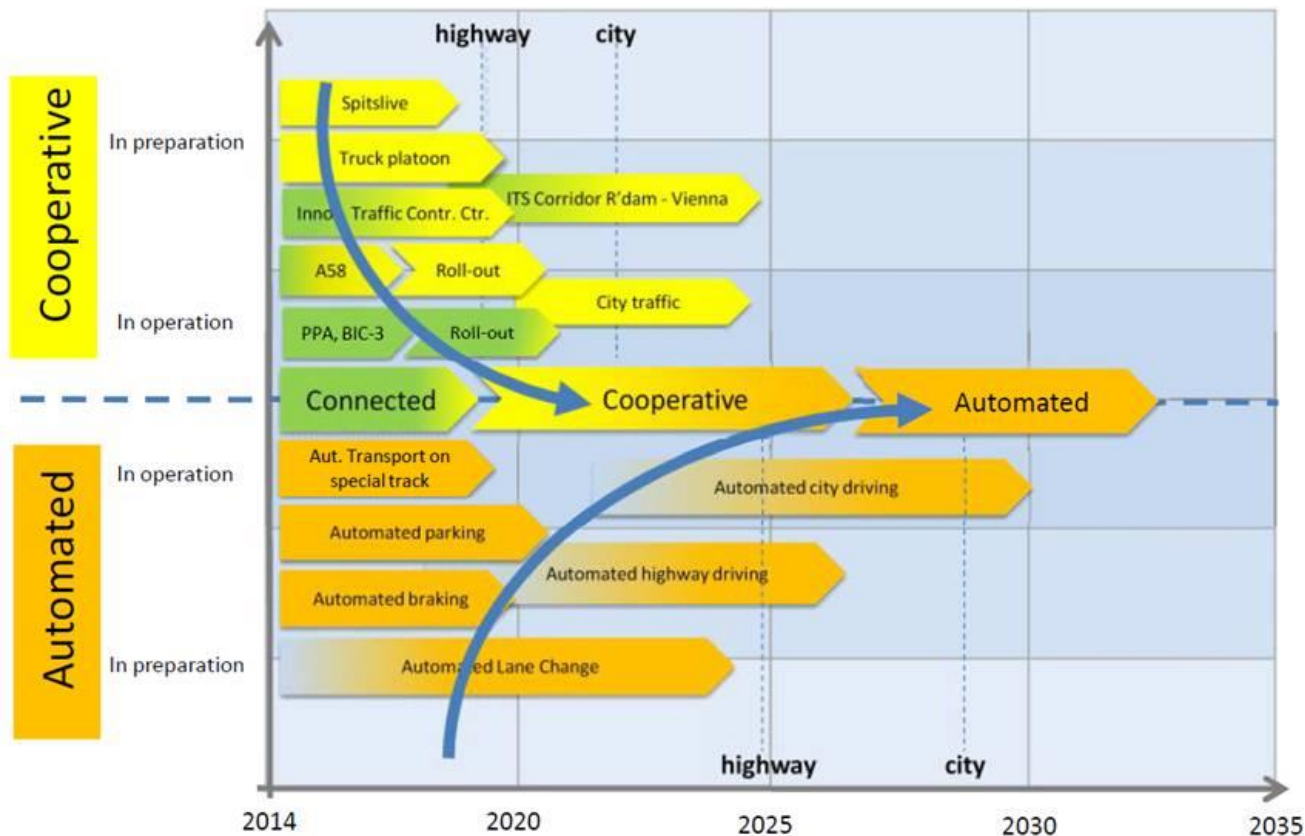
Deployment



Impact on infrastructure and HF

- (digital)infrastructure: there are two main questions to be addressed:
 - What requirements are there to enable automated driving?
 - What impact has automated driving on the infrastructure?
- how does automated driving affect other traffic?
- Transition of control issues
- How safe is level 3?

Comprehensive approach



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Connected and automated



Source: Ford Motor Company

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Dutch Presidency EU in 2016

Put smart mobility on the agenda

- Declaration
- Experience
- EU-TPC



Informal Transport meeting, Amsterdam, 14, 15 April 2016

Get in touch with the Dutch

Meet us at the Dutch Pavilion (E126, ITS Netherlands / Connekt)

Or come to these sessions

- Tuesday: SW1, Highly automated driving (HAD) trials and demonstrations in Europe
- Tuesday: SW7, Cooperation in the field of automated and connected vehicles supporting smart mobility and the EU-Presidency
- Tuesday: SIS11, Field operational tests for automated driving
- Tuesday: SIS19, an integrated approach towards automated transport systems
- Wednesday: T36, legislation and regulation
- Thursday: NC4, Netherlands: Public Private Cooperation for Smart Mobility
- Thursday: IS11, bringing automation to markets

Thank you for your attention



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Questions

- How can stakeholders profit from international sharing of data and experiences from FOTs and pilots?
 - *Can you capture all experience in data?*
 - *How to account for controlled environment / limited scope?*
- Which research areas or specific questions need to be answered to enable and facilitate deployment?
 - *Are all domains equally important for deployment?*
 - *Where are the show stoppers?*