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Automated Driving as Responsible Innovation (PPT)

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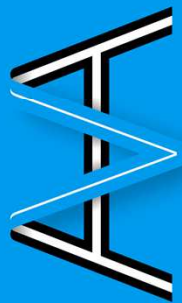
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AutoMotive Week 2017

Where Smart Mobility meets Traffic



Automated Driving as Responsible Innovation

Marije de Vreeze & Bart van Arem



Program

- Introduction
- Panel discussion
- Mobility for Society Challenge





Automated cars can improve traffic efficiency and safety

Netherlands to facilitate large scale testing of automated cars

Rivium Buses (Rotterdam)



Automated Driving as Responsible Innovation





Automated Driving as Responsible Innovation



Driver assistance/ Partial automation



Driver needs to be able to
intervene at all times

Automated parking, autocruise

Conditional/ High automation



Vehicle in control in special
conditions

Taxibots, platooning, automated
highways

Comfort, efficiency, safety, costs



Mode choice, location choice,
urban and transport planning

The role of ethics?



... so much more than robot-dilemmas





“Congratulations, you are now responsible for the safe control of the truck behind you”.

“What?”

Panel discussion



Marieke Martens



Pieter van der Stoep



Sjoerd van der Zwaan



Mensen moeten altijd controle houden over het gedrag van een voertuig

Automatisch rijden vergroot de kloof tussen rijk en arm

Als je echt wilt dat automated driving werkt, moet je programmeren dat de software de wet overtreedt

Zelflerende software in automatische voertuigen moet worden verboden

DUTCH MOBILITY FOR SOCIETY CHALLENGE

WHAT IS THE CHALLENGE?

With the Dutch Mobility for Society Challenge Connekt calls for ideas and concepts that focus on the application of new technologies for societal impact, on what-if ideas, in-the-box or out-of-the-box. The categories for the challenge are:

- Drones
- Automated driving
- Mobility as a Service
- Bikes
- Logistics

WHAT SHOULD THE SOLUTION LOOK LIKE?

We don't reward thick reports, we do reward stories, video's and visualization of your dreams and how this will work in practice. Your idea will be judged on societal relevance, feasibility and creativity.

MORE INFORMATION & REGISTRATION

Website: www.mobility4society.nl | E-mail: info@mobility4society.nl

Twitter: @ConnektNL #mobility4society



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