European Truck Platooning Challenge

2016

ODILE ARBEIT DE CHALENDaR - CEDR
ITF VHA
4 October, 2015
Dutch European Presidency 2016

- Public roads: Eu Ten-T corridors
- Crossing borders
- Harmonisation
- Public-private collaboration

Experiencing self-driving vehicles

European agenda (Declaration of Amsterdam)

European Truck Platooning Challenge
We have a dream

2020

Platooning is available everywhere
We need to anticipate on global trends

- Urbanization
- Multimodal transport
- Smart data
- Sustainability
- Ageing
- Goods become services
Automated and connected driving an opportunity for Europe!

- Enhance road safety
- Reduce emissions
- Economic growth and competitiveness
- More efficient use of road capacity
- Use travel time for other purposes
- Efficient logistics
- Social inclusion

Efficient mobility
We need orchestration to prevent patchwork of rules in smart mobility

Time to act is now!

European manufacturers have a leading position in the automotive industry, in innovative technologies and forward thinking ICT industry

The rules are being set now: coordination needed to prevent patchwork of rules and procedures (Member States)

Other regions are moving forward. US has indicated its intention to make vehicle to vehicle communication mandatory in 2017 to improve traffic safety

A clear and consistent policy is needed to support innovation and accelerate market uptake

The added value lays in harmonised rules, but also focused investments guidelines and principles
Where are we heading for?

Automation, connectivity and cooperative (driving) eventually come together (necessary for public goals)

Source: Talking Traffic
Joint forces to accelerate deployment and market introduction

4 major challenges

- Harmonized legalisation
- Adapt social condition
- Ensure compatibility on EU-level
- Stimulate innovations
Harmonisation will accelerate cross border implementation

So far
6 OEM’s
10 countries
3 routes
Our joint challenge is to seize the opportunities
Together we can make a difference
Long term, large scale

Cooperation

- Member States
- European truck manufacturers
- European transport industry
- European Commission
- Vehicle approval- and Road authorities
- European Research & Development institutes
Aim:
• State of the art exemption procedure
• Mutual recognition
• Bring convoys across European ITS corridors converging to the Netherlands
• April 2016
• Several brands

Message:
• Platooning is promising on European roads
• After the challenge addressing next roadmap for long term innovation, deployment of platooning
• Joint effort government & industry

Jointly develop:
• Corridors
• Public road (exemption by several countries)
• Level 2-4
To accomplish the Platooning Challenge we have to start today

Let’s share our ambitions!
Why join us to make the next step?

1. Value Platooning Robustness on open roads, cross border and long distance

2. In order to accelerate time to market at European level

3. Participate in harmonisation process for exemption procedure
Planning

September 2015
- Summary of intention and contributions of partners (government and industry):
  - The experience
  - EU TPC

October 2015
- Stakeholder workshops in ITS World congress

November 2015
- Start preparation of the experience and the EU TPC

Jan-Febr 2016
- Discuss and agree on the non-paper

April 2016
- 14/15 April informal counsel

June-July 2016
- The non-paper

Ongoing process

The experience
EU TPC
Contact persons

European Truck Platooning Challenge
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