44TH **ASECAP STUDY & INFORMATION DAYS 2016**

The Path Towards an Integrated And Sustainable Mobility in Europe

Intercontinental Hotel
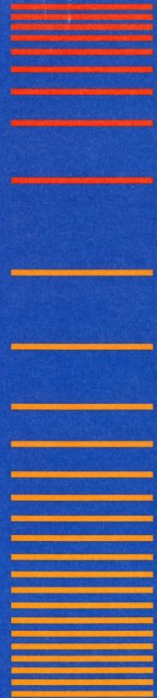*23-25 May 2016*

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Informal meeting of ministers in Amsterdam 14th April 2016

Declaration on connected and automated driving

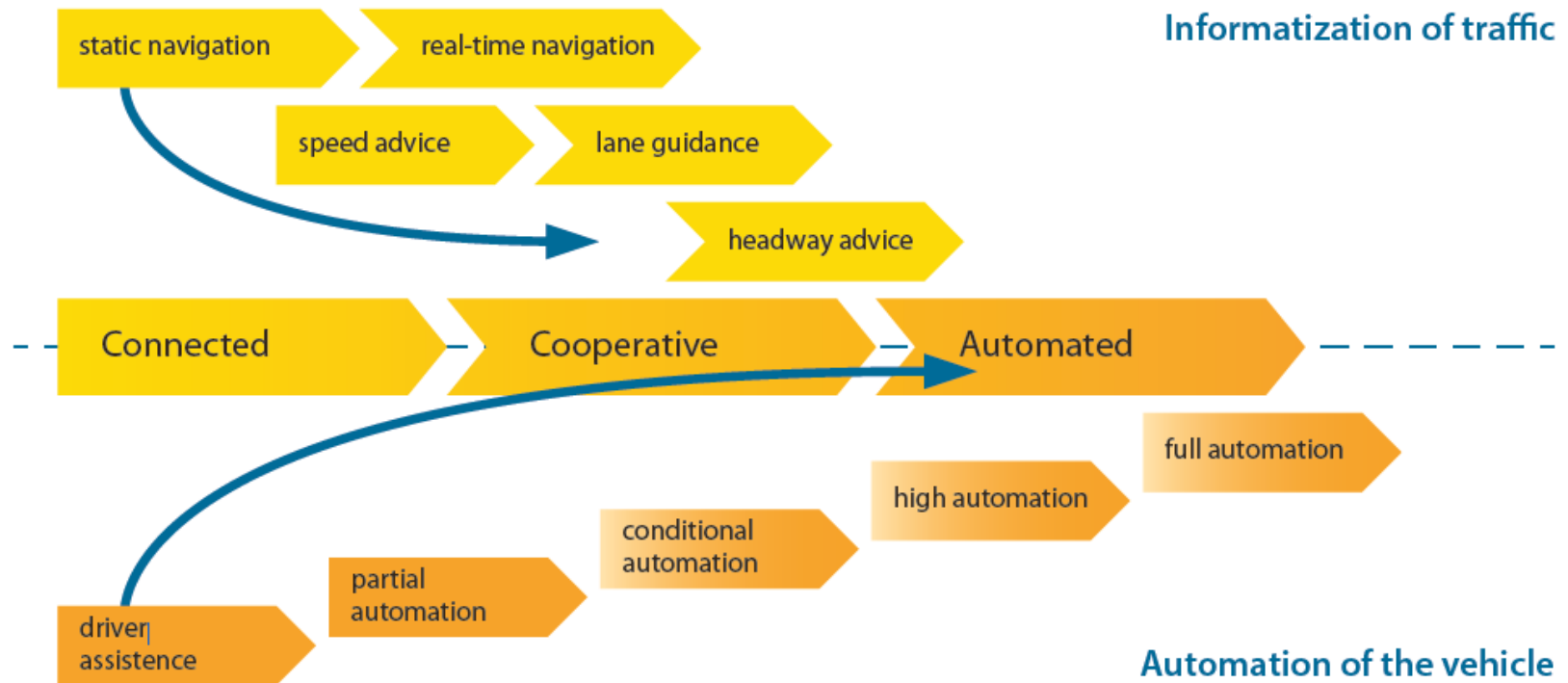**Informal Transport Council** 14 April 2016

Declaration on connected and automated driving

nl EU 2016

Content

- **Introduction**
- **Acknowledge/Recognise**
- **Shared Objectives**
- **Joint agenda**
- **Actions**
  - **Member States**
  - **European Commission**
  - **Industry**

Bring together developments of connected and automated driving

Achieve coherent/consistent
international, European and national rules

'EVERY DRIVER SHALL AT ALL TIMES BE ABLE TO CONTROL HIS VEHICLE OR TO GUIDE HIS ANIMALS'

Main objectives of the Declaration

- work towards a <u>coherent European framework</u> for the deployment of interoperable connected and automated driving, which should be available, if possible, by 2019;

- <u>bring together developments</u> of connected and automated driving;

- adopt a <u>"learning by experience"</u> approach, including, where possible, cross-border cooperation, sharing and expanding knowledge and to develop practical guidelines to ensure interoperability of systems and services;

- support further innovation in connected and automated vehicle technologies to <u>strengthen the global market position</u> of European industry;

- <u>ensure data protection and privacy</u>.

JOINT AGENDA

- Coherent international, European and national rules

- Use of data

- Ensure privacy, data protection and Security

- Public awareness and acceptance

- Vehicle-to-vehicle (V2V) and vehicle-to-infrastructure (V2I) communication (hybrid comm.)

- Common definitions of connected and automated driving

- International cooperation

Actions

With a view to achieving these objectives, Ministers have identified actions for Member States, the European Commission and industry to support the introduction of connected and automated driving and to achieve its full potential

Member States

Commission

Industry
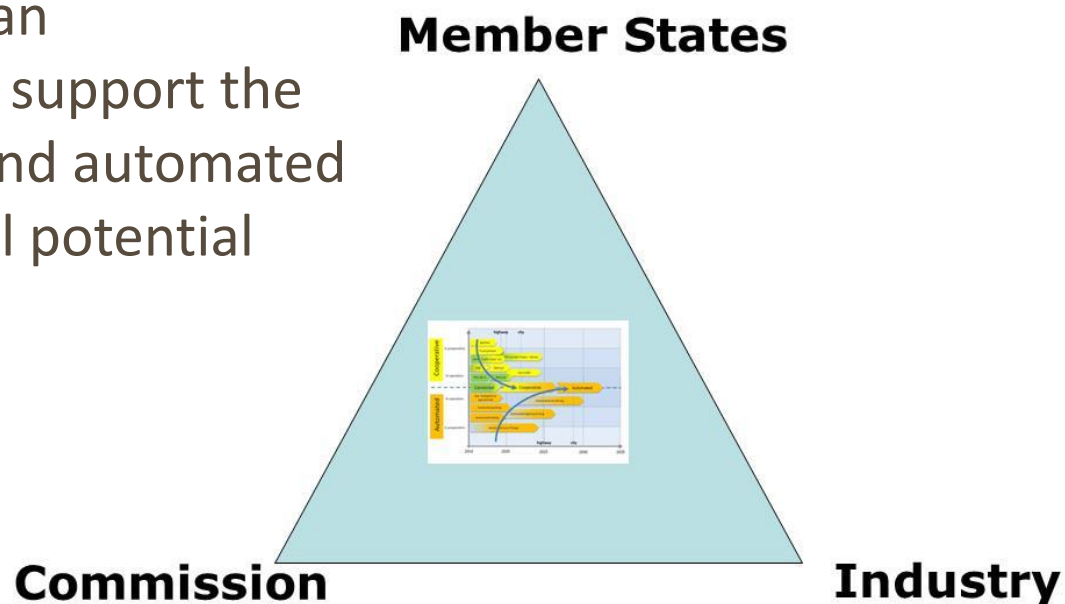
MEMBER STATES

- Close cooperation in UN-ECE

- Adapting national regulations

- Learning by Experience approach, by:
  - facilitating an exchange of best practices;
  - testing of connected and automated driving technologies in cross-border corridors, urban networks and rural settings; and
  - sharing of common principles to enable cross-border testing.

- Informal high-level structural dialogue
  - supports, monitors and guides the actions;
  - discusses national developments and deployment issues;
  - gives recommendations to the European Commission;
  - works with the Commission and industry, including SMEs;
  - facilitates the exchange of best practices between MS;
  - maintains a strategic overview of existing EU platforms and WGs.

COMMISSION

- ## Develop a shared European strategy
  - based upon the shared objectives of this Declaration
  - to strengthen the link between C-ITS platform, GEAR2030 and Round Table

- ## Continue the C-ITS platform
  - to widen its scope to include infrastructure related aspects, traffic management and road safety for connected and automated driving

- ## Review/adapt where necessary the EU regulatory framework
  - support the development and use of automated and connected driving, respecting the principle of subsidiarity

- ## Develop a coordinated approach for research and innovation

INDUSTRY (1)

- Actively participate in developing the European strategy and agenda;

- Identify areas where public policy and regulatory intervention can help lowering barriers to the development and take-up of new technologies;

- Develop V2V and V2I communication systems and continue standardisation work to ensure interoperability at EU level;

- Recognise that interoperability and standardisation will be key factors;

- Discuss how Connected&Automated Driving can contribute to the availability of data for public tasks;

INDUSTRY (2)

- Participate in large-scale pilot deployment projects to explore the societal benefits thereby increasing public awareness, understanding and acceptance;

- Continue the initiatives that support investment in broadband communication and ensure network coverage and reliability;

- Investigate which performance and safety requirements should apply to mobile communications networks in conjunction with short-range communications (ITS – G5) to facilitate hybrid communication.
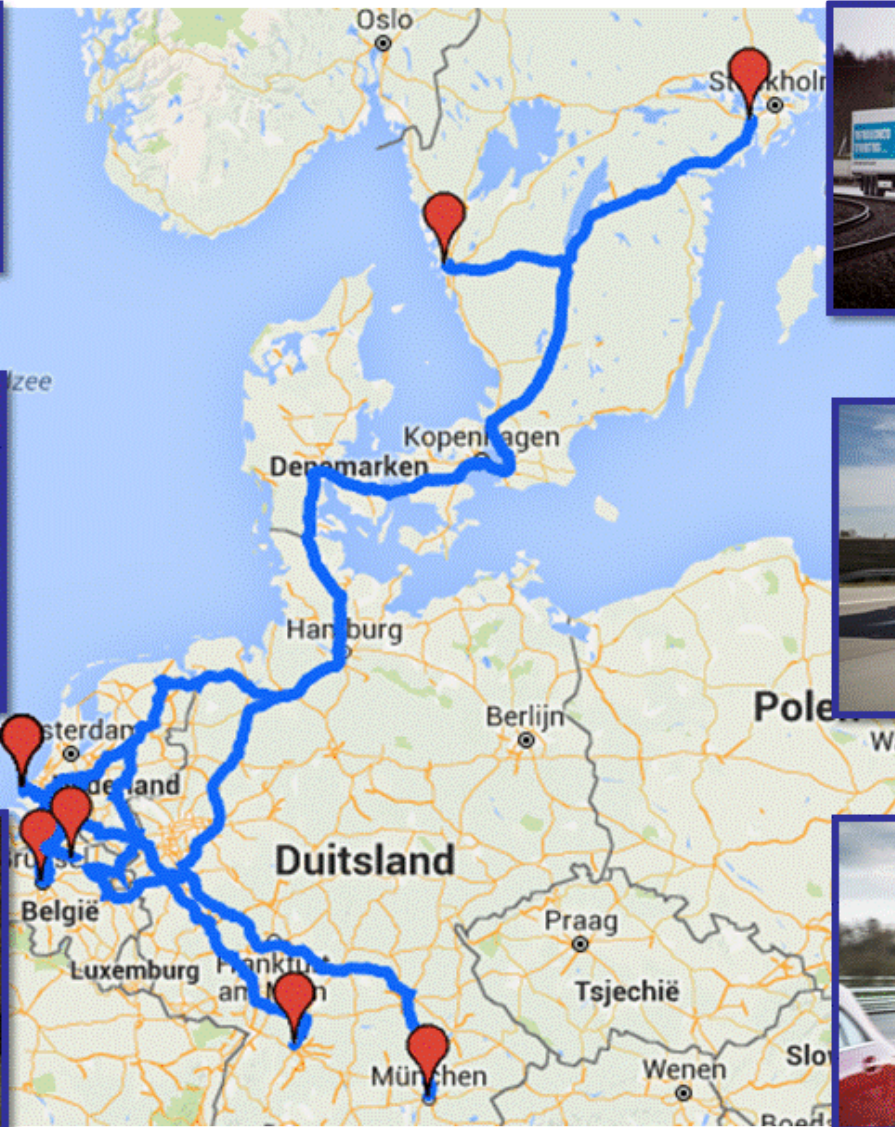
Any Question?

Truck platooning Challenge

EXPERIENCE