

Connected and Automated Road Transport in Europe

**SIP-ADUS Workshop
Keynote Session
Tokyo, 15 November 2016**

Ludger Rogge, European Commission

❑ Many testing activities in Europe

❑ Passenger cars

- Digital Motorway Test Bed A9 - Germany
- ADAPTIVE project (FP7)
- DRIVE-ME – Sweden (2017)

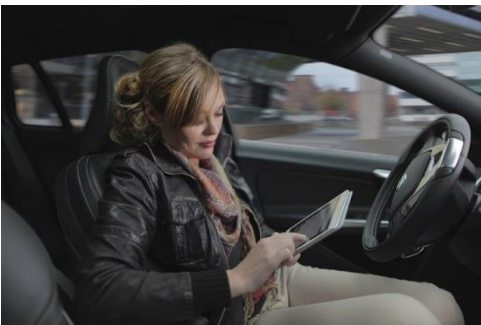
❑ Automated urban mobility systems

- CITYMOBIL 2 project (FP7)
- Driverless cars Programme – UK

❑ Trucks (Platooning)

- EcoTwins
- COMPANION project (FP7)
- European Truck Platooning Challenge

❑ New large-scale demos will start in 2017/18



Declaration of Amsterdam

- ❑ Declaration to strengthen cooperation in the field of connected and automated driving
- ❑ Signed by EU Transport Ministers on 14 April 2016
- ❑ Highlights need for coherent European strategy
- ❑ Lays down steps necessary for the development of connected and automated driving technology in the EU
 - ❑ Coherent international, European and national rules
 - ❑ Large-scale cross-border testing
 - ❑ Use of data
 - ❑ Ensure privacy and data protection
 - ❑ Vehicle-to-vehicle (V2V) and vehicle-to-infrastructure (V2I) communication
 - ❑ Security
 - ❑ International cooperation



- ❑ *International cooperation (in particular with Japan and US) is essential to:*
 - ❑ Work towards global framework and international standards
 - ❑ Exchange knowledge, expertise, best practices
 - ❑ Improve research quality
 - ❑ Exploit synergies



Open to the world