

Automated Mobility: the EU strategy for Mobility of the Future

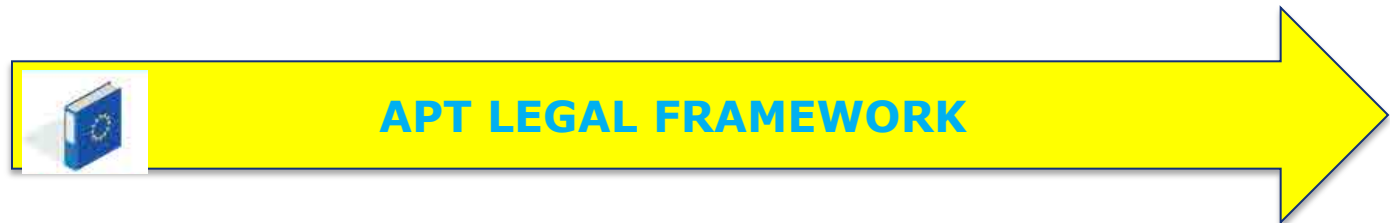
**SIP-Adus Workshop 2018
Tokyo, 13 November 2018**

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Directorate-General for
Research & Innovation**

European Commission

- ❑ Part of the 3rd Mobility Package (17 May 2018)
- ❑ Comprehensive EU approach to support the development and deployment of connected and automated vehicles in Europe

What needs to be done?



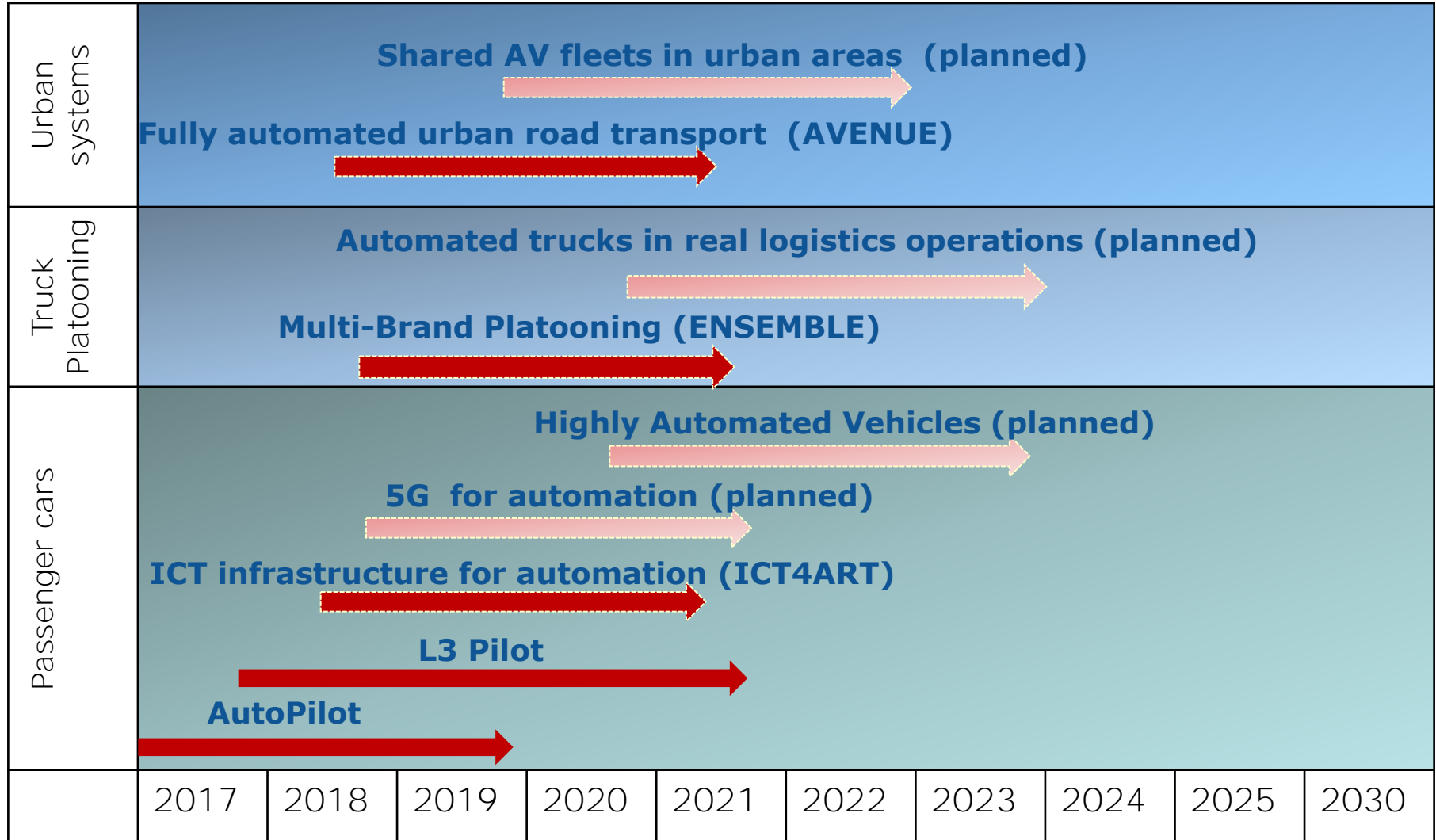


- ❑ Budget: € 300 Mio (2014-2020)
- ❑ Focus
 - Large-scale demos of automated driving systems for passenger cars, trucks and urban transport
 - Safety and end user acceptance
 - Road infrastructure to support automation
 - Traffic management solutions
 - Connectivity for automation
 - Testing and validation procedures
 - Assessment of impacts, benefits and costs of CAD systems
 - Support for cooperation and networking activities
 - Human centred design of AV

5 Calls for proposals



H2020 – Ongoing and planned large-scale demos



H2020 - Calls on "Automated Road Transport" Possibilities for International Cooperation!



Human centred design for the new driver role in highly automated vehicles



Developing and testing shared, connected and cooperative automated vehicle fleets in urban areas for the mobility of all



Efficient and safe connected and automated heavy commercial vehicles in real logistics operations



Large-scale, cross-border demonstration of highly automated driving functions for passenger cars

2019 Call

2020 Call

More information:

<https://ec.europa.eu/inea/en/horizon-2020/automated-road-transport>

H2020 Calls "Automated Road Transport" International Cooperation



- ❑ All Horizon 2020 projects can include international partners
 - **Applicants from non-EU countries are eligible to take part in Horizon 2020 programmes, even as coordinator**
- ❑ R&I topics for International Cooperation
 - **Cooperation with projects or partners from the US, Japan, South Korea, Singapore, and/or Australia is encouraged**
- ❑ Twinning



Commission proposal for a € 100 billion research and innovation funding programme for seven years (2021-2027)



to strengthen the EU's scientific and technological bases



to boost Europe's innovation capacity, competitiveness and jobs



to deliver on citizens' priorities and sustain our socio-economic model and values



2nd European Conference on Connected and Automated Driving

**Date: 2-3 April 2019,
Brussels**