

Automated Mobility: the EU strategy for Mobility of the Future

**Automated Vehicles Symposium
San Francisco, 12 July 2018**

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Key elements:

❑ Safe Mobility

- Communication on new road safety policy framework
- Legislative initiative on vehicle and pedestrian safety
- Legislative initiative on infrastructure safety management

❑ Clean Mobility

- Legislative initiatives on CO2 standards for heavy duty vehicles
- Action Plan for Batteries

❑ Connected and Automated Mobility

- Legal initiatives establishing a digital environment for information exchange in transport
- Communication on Connected and Automated Mobility



More info:

https://ec.europa.eu/transport/modes/road/news/2018-05-17-europe-on-the-move-3_en

- ❑ Strategy for the roll-out of connected and automated vehicles in Europe
- ❑ Comprehensive regulatory, financial and research framework to develop these technologies.

What needs to be done?



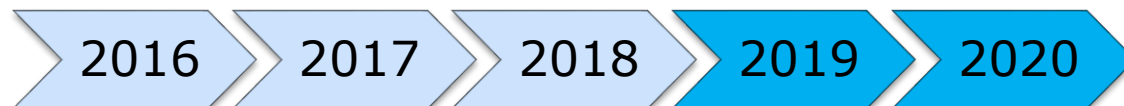


□ Budget: € 300 Mio (2014-2020)

□ Focus

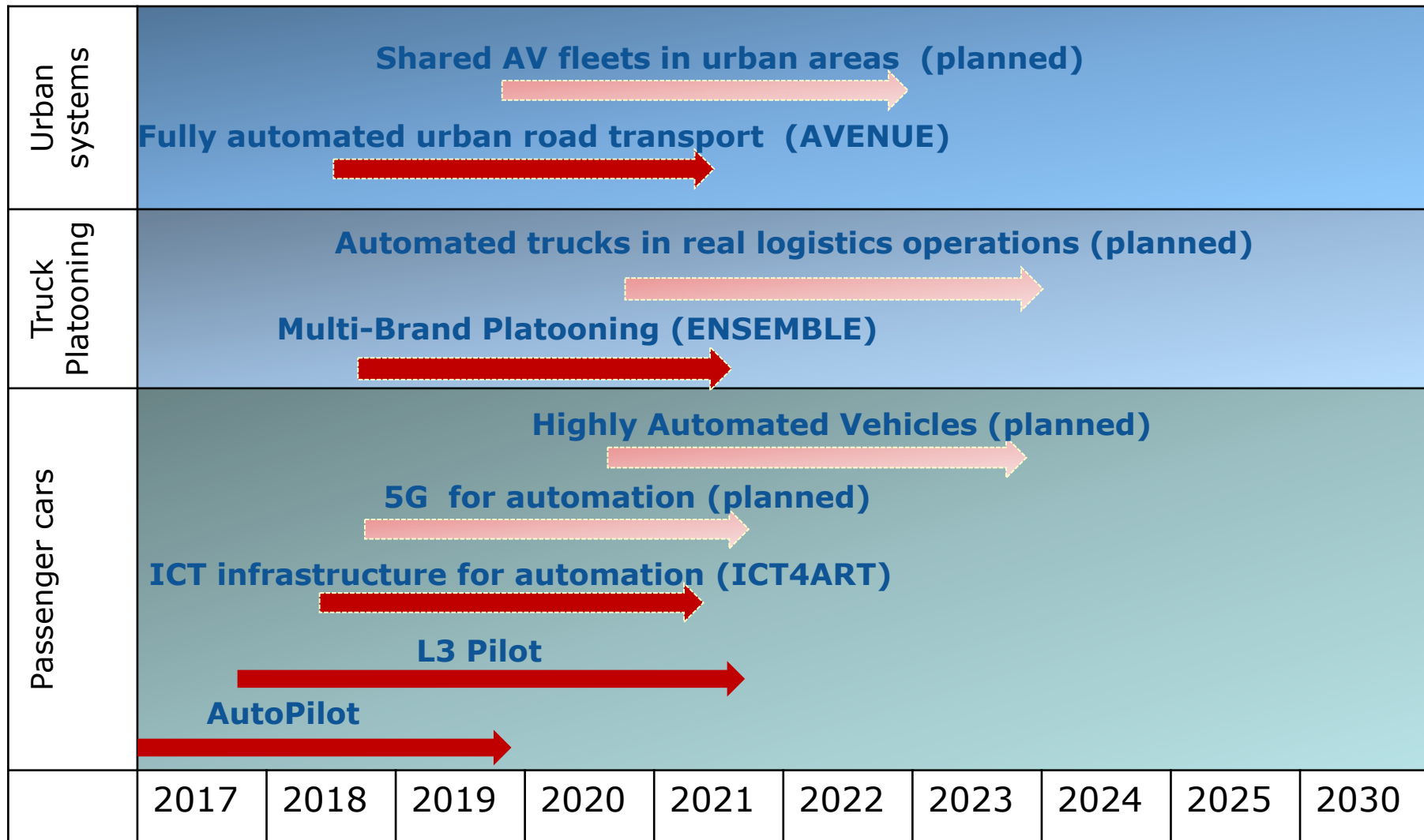
- Large-scale demos of automated driving systems for passenger cars, trucks and urban transport
- Safety and end user acceptance
- Road infrastructure to support automation
- Traffic management solutions
- Connectivity for automation
- Testing and validation procedures
- Assessment of impacts, benefits 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





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

□ Aim

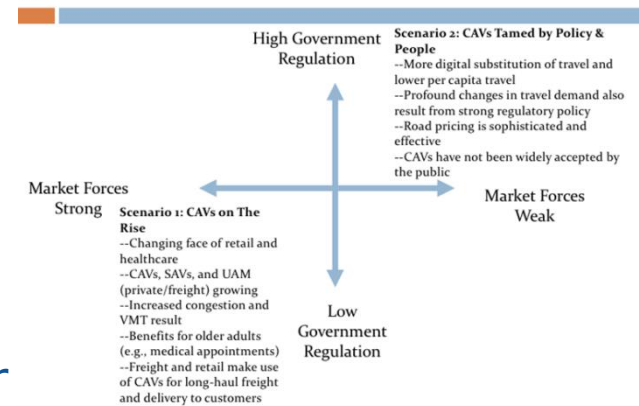
- enable systemic long-term collaboration to address common research needs, share information on research and to develop opportunities for joint research projects

□ 6th EU-US symposium on 'Socio-economic Impacts of Automated and Connected Vehicles', Brussels, 26-27 June 2018

- 3 partners/sponsors: TRB, DoT and EC
- 50 participants (25 US+25 EU)
- Added value: mutual learning, networking, definition of common research topics and twinning of projects
- Final report: recommendations and pointers for cooperation



Travel Behavior Impacts of Automated and Connected Vehicles





2nd European Conference on Connected and Automated Driving

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