

The road ahead: Safety Validation([link](#))

Enablers

- Development of commonly accepted safety validation framework (HEADSTART, PEGASUS family, international R&D initiatives.)
- Involvement of stakeholders from industry, academia, consumer test programmes, regulation.
- Flexibility, scalability, adaptation to Key Enabling Technologies necessary for high levels of automation
- Define criteria to adequately combine testing by simulation, closed test tracks and on public roads in order to optimize test efforts
- Alignment with Key Performance Indicators



Challenges

- Lack of a harmonised validation methodology
- CAVs need to be able to seamlessly function in its surroundings
- Risk management and reliability under uncertain and unforeseen circumstances must be addressed
- Validate human and vehicle interaction
- Ensure user information appropriate level of reliance on the system
- Definition of Periodical Technical Inspection (PTI) procedures to deal with software updates



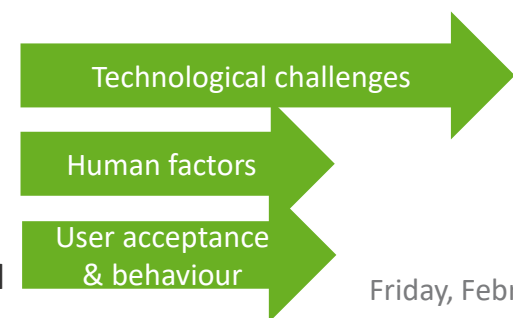
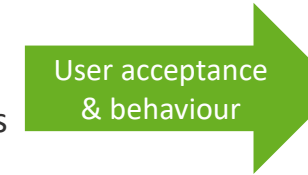
Objective

- To achieve safe deployment of automated road transport on public roads



Blocking challenge

- NO complete, reliable and evolving validation procedures to verify that CAVs fulfil technological and regulatory requirements



Friday, February 7, 2020