





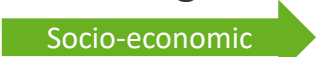
The road ahead: Human Factors ([link](#))

Enablers

- Real-world studies and pilots (L3Pilot, ENSEMBLE) and controlled experiments 
- Standardisation of in-vehicle interaction & external communication (interACT, ISO/TC 22/SC 39) 
- Definition of new remote roles, tasks, interaction designs



Challenges

- Users transitioning between different vehicles & vehicle types (e.g. car sharing) 
- Passive safety (new seating positions etc)
- State assessment of users (e.g. intoxication and inattention) and system adaptation (VI-DAS, ADAS&ME) 
- Design for intuitive understanding of ODD, vehicle state and capabilities for all users 

Objective

- Seamless interaction between user, vehicle and ODD (SimuSafe)
- Mobility time is quality time

 User acceptance

Blocking challenge

- Safe transition of control between higher and lower levels of automation (AutoMate)
- User adoption and clear perceived benefit

 User acceptance

