Driver Needs and Behaviour in Automated Traffic

Duration

36 months (May 2019 – April 2022)

Objective

A project that aims to prepare

- "drivers"
- travelers and
- vehicle operators

of the future to accept and use connected, cooperative and automated transport modes

and the industry of these technologies to understand and meet their needs and wants

Pilots

- Development of **3** pilot phases
- All transportation modes (Road, Maritime, Aviation)
- Interaction with non equipped vehicles
- Interaction with vulnerable road users
- Different levels of automation
- Assessment of AV's behavior and experience of the users and the participants

Impact

- Improvement of safety levels
- Raise user acceptance towards automated driving
- Increase user awareness through participation in the pilots
- Development of the first AV behavioral model
- Creation of a simulation suite