

TrustVehicle Consortium



TrustVehicle Hard Facts

- **Full Project Name:** Improved Trustworthiness and Weather-Independence of Conditionally Automated Vehicles in Mixed Traffic Scenarios
- **PROJECT COORDINATION:** Dr. Daniel Watzenig, VIRTUAL VEHICLE Research Center (Austria)
- **START:** 1st June 2017
- **DURATION:** 36 months
- **WEBSITE:** www.trustvehicle.eu
- **NUMBER OF PARTICIPATING ORGANIZATIONS:** 12
- **NUMBER OF PARTICIPATING COUNTRIES:** 7

Year 1 General Assembly Meeting at Volvo Cars

Already one year has passed by and a lot of work has been done. The achievements of the first project year have been presented at the F2F meeting at Volvo Cars in Gothenburg. The consortium is looking forward to an exciting year 2.

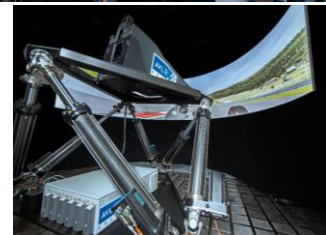


First Study on Driving Simulator

Our project team, including researchers from Virtual Vehicle, AVL, University of Surrey and CISC ran first tests at the AVL driving simulator in Graz to gain knowledge of human perception and behaviour in relation to different road conditions and controller settings.

For more details:

[Watch our Video](#)



Public Deliverables



D3.1 Requirements for the co-simulation framework

This deliverable serves as a basis in terms of use case specifications. It presents the Ford Otosan use case dealing with backing scenarios for trucks, the Tofas use case, which considers urban scenarios for light commercial vehicles (LCVs), and the Volvo use case, considering sensor monitoring systems.

[Read More](#)

D3.2 Modular co-simulation architecture plan

Deliverable D3.2 deals with the setup of a modular architecture for the TrustVehicle use cases. Using this knowledge and the specifications for each subsystem in the respective TrustVehicle use case, a modular architecture for each of these use cases is set up. It provides a clear scheme of the interfaces that can be used in case singular subsystems are replaced by hardware or other simulation tools. This will be important in WP5 and 6, where tests on the driving simulator will be performed and demonstrator vehicles will be built up.

[Read More](#)

Current/Upcoming Dissemination Events

AMAA 2018, Berlin, September 11-12, 2018

TrustVehicle Paper: Find the full paper [here](#).



ITS World Congress, Copenhagen, September 17-21 2018

- ✓ Special Interest Session together with interACT and BRAVE entitled SIS14: “User-centric approaches enabling wider acceptance of Automated Vehicles in mixed traffic”
- ✓ ART-user acceptance: session at the stand of the European Commission
- ✓ Linkker Bus demonstration



Euromicro Conference on Digital System Design, Prague, September 29-31 2018

Paper presentation: Exploring the usage of Time-of-Flight Cameras for contact and remote Photoplethysmography.

GoMobility, Irun, Spain, November 27-28 2018

TrustVehicle Poster

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 723324.

