

Piloting Automated Driving on European Roads

Messages prepared for EUCAR and L3Pilot partners**L3Pilot Showcase 2:
Piloting Automated Driving on Public Roads**

In early March 2019, major European automotive manufacturers started testing automated driving functions on public roads across ten countries in Europe. All told, around 1,000 drivers will be testing automated driving technologies over a period of 18 months. All L3Pilot cars are series production vehicles that have been modified by installing a variety of sensors and technical equipment, including data loggers. The approval process for testing these prototype vehicles on public open roads had to consider compliance with each country's laws and regulations, including those concerning data privacy, insurance and cyber-security.

While the ramp-up of the tests is ongoing, partners showcased the automated driving systems in eleven fully equipped passenger cars during the 2019 Annual Reception and Conference of the European Council for Automotive R&D (EUCAR) in Brussels on 6 and 7 November. The consortium presented the vehicles and intermediate results of the project to leading representatives from the European Commission and industry. The first phase of the L3Pilot field tests is a six-month ramp-up phase during which the data collection is started in a small scale to verify that everything runs as intended and to allow for interventions for optimizing the execution for the full-scale tests.

L3Pilot partners by now have jointly defined the general methodological framework for the test procedures and evaluation of the results. It will be applied to the tests by all vehicle owners. All test sites and partners specialized in methodology and evaluation have been working together to define and implement a common experimental procedure ensuring successful evaluation at the end of the project.

L3Pilot partners achieved to agree on a data sharing framework allowing for pre-competitive co-operation and developed a common data format for which the algorithms have been published as open source on GitHub <https://github.com/l3pilot/l3pilot-cdf>.

L3Pilot has also started the data collection with a worldwide survey aiming to measure user acceptance of the tested technologies.

NOTE TO THE EDITOR

L3Pilot is an Innovation Action, co-funded by the European Union under the Horizon 2020 programme with the contract number 723051. Thirty-four organisations have committed to scientifically test and assess the impact of automated driving systems on driver comfort, safety, and traffic efficiency as part of the project.

www.l3pilot.eu

<https://twitter.com/L3Pilot>

Duration: 48 months, starting from 1 September 2017

Total cost: €68 million

EC contribution: €36 million
Coordinator: Volkswagen AG

Partners:

Automotive manufacturers: AUDI AG, BMW Group, Centro Ricerche Fiat SCPA, Daimler AG, Ford, Groupe PSA, Groupe Renault, Honda R&D Europe, Jaguar Land Rover, Opel Automobile GmbH, Toyota Motor Europe, Volkswagen AG, Volvo Car Corporation

Suppliers: Aptiv, FEV GmbH, Veoneer

Research: German Aerospace Center DLR; ika RWTH Aachen University; Institute of Communication and Computer Systems ICCS; SAFER at Chalmers; SNF - Centre for Applied Research at NHH; The Federal Highway Research Institute BAST; TNO - Netherlands Organisation for Applied Scientific Research; University of Genoa; University of Leeds; VTT Technical Research Centre of Finland; WMG, University of Warwick; Würzburg Institute for Traffic Sciences WIVW

Authorities: The Netherlands Vehicle Authority RDW

User Groups: Federation Internationale de l'Automobile FIA

Insurers: AZT Automotive GmbH, Swiss Reinsurance Company

SMEs: ADAS Management Consulting, European Center for Information and Communication Technologies EICT GmbH

General press contact:

European Center for Information and Communication Technologies - EICT
Sarah Metzner
+49 30 3670235143
Sarah.Metzner@eict.de

Coordinator:

Volkswagen Group Innovation
Aria Etemad
Aria.Etemad@volkswagen.de