

PROJECT

L3Pilot

Piloting Automated Driving on European Roads

Funding: European (Horizon 2020)

Duration: Sep 2017 - Aug 2021

Status: Complete

Total project cost: €46,265,402

EU contribution: €35,960,979



Call for proposal: H2020-ART-2016-Two-Stages

[CORDIS RCN : 210915](#)

Objectives:

The overall objective of the L3Pilot project is to test the viability of automated driving (AD) as a safe and efficient means of transportation, exploring and promoting new service concepts to provide inclusive mobility.

This high-level objective is detailed as four major technical objectives:

1. create a standardised Europe-wide piloting environment for automated driving
2. coordinate activities across the piloting community to acquire the required data
3. pilot, test, and evaluate automated driving functions and connected automation
4. innovate and promote AD for wider awareness and market introduction.

The European automotive sector must remain competitive in vehicle automation in the face of increasing competition from the US and Asia. Only by joining forces in pilot testing and evaluation of AD systems with real users will European industry meet the challenge coming from overseas.

The project will focus on large-scale piloting of SAE Level 3 functions, with additional assessment of some Level 4 functions. The functionality of the systems used is exposed to variable conditions in 11 European countries, 100 vehicles and 1000 test drivers. The approach will be to adapt the FESTA methodology for testing automated driving needs. The tested functions cover a wide range from parking to overtaking, and urban intersection driving. Due to its large coverage of driving situations, L3Pilot is unique, and the first project which will demonstrate and test such a comprehensive menu of automated driving functions. The data collected will also be made available for third parties outside the consortium, for further use. The evaluation of the data will focus on technical, user acceptance, driving and travel behaviour, impact on traffic and society. The project promotion will include user outreach campaigns with four showcases, and the creation of a comprehensive guideline - a Code of Practice - with best practices for the development of automated driving functions.

Parent Programmes:

[H2020-EU.3.4. - Horizon 2020: Smart, Green and Integrated Transport](#)

Institute type: Public institution

Institute name: European Commission

Funding type: Public (EU)

Lead Organisation:

Volkswagen

Address:

Berliner Ring 2
1894 WOLFSBURG
Germany

Organisation Website:

<http://www.volkswagen.de>

EU Contribution: €2,793,363

Partner Organisations:**Autoliv Development Ab****Address:**

Wallentinsvagen 22
447 83 Vargarda
Sweden

EU Contribution: €100,611

European Center For Information And Communication Technologies Gmbh**Address:**

Ernst-Reuter-Platz
10587 Berlin
Germany

EU Contribution: €1,109,588

Adam Opel Ag**Address:**

Bahnhofsplatz 1
IPC-R1-05 RÜSSELSHEIM
Germany

Organisation Website:

<http://www.opel.com>

EU Contribution: €500,812

Renault Represented By Gie Reginov**Address:**

Quai Alphonse Le Gallo 13/15
92100 BOULOGNE-BILLANCOURT
France

Organisation Website:

<http://www.renault.com>

EU Contribution: €2,447,855

Volvo Personvagnar Ab**Address:**

Avd 50090 Hb3S
405 31 Goteborg
Sweden

EU Contribution: €2,982,791

Federation Internationale De L'automobile**Address:**

PLACE DE LA CONCORDE 8
75008 PARIS

France

Organisation Website:

<https://www.fia.com/>

EU Contribution: €300,000

Centro Ricerche Fiat - Societa Consortile Per Azioni

Address:

Strada Torino, 50
10043 ORBASSANO (TO)
Italy

Organisation Website:

<http://www.crf.it>

EU Contribution: €2,189,250

Nederlands Organisation For Applied Scientific Research

Address:

Schoemakerstraat 97
6060 DELFT
Netherlands

Organisation Website:

<http://www.tno.nl>

EU Contribution: €388,855

Toyota Motor Engineering & Manufacturing Europe

Address:

Bourgetlaan 60
1140 EVERE (BRUXELLES)
Belgium

Organisation Website:

<http://www.toyota.eu>

EU Contribution: €2,062,813

Rheinisch-Westfaelische Technische Hochschule Aachen

Address:

Templergraben
52062 Aachen
Germany

Organisation Website:

<http://www.rwth-aachen.de>

EU Contribution: €985,200

Teknologian Tutkimuskeskus Vtt

Address:

TEKNIKANTIE 21
02150 ESPOO
Finland

Organisation Website:

<http://www.vtt.fi>

EU Contribution: €1,672,938

Ford Werke Gmbh

Address:

HENRY FORD STRASSE 1
50725 KOELN
Germany

Organisation Website:

<http://www.ford.de>

EU Contribution: €1,769,688

Honda R&d Europe (Deutschland) Gmbh

Address:

CARL LEGIEN STRASSE 30
63073 OFFENBACH AM MAIN
Germany

Organisation Website:

<http://www.world.honda.com>

EU Contribution: €1,147,300

University Of Leeds

Address:

Institute For Transport Studies, University Of Leeds, 41 University Road
Leeds
LS2 9JT
United Kingdom

Organisation Website:

<http://www.leeds.ac.uk>

EU Contribution: €781,875

Daimler Ag

Address:

Mercedesstrasse
70327 Stuttgart
Germany

Organisation Website:

<http://www.daimler.com>

EU Contribution: €405,781

Samfunns-Og Naeringslivsforskning As

Address:

HALLEVEIEN 30
5045 BERGEN
Norway

EU Contribution: €875,250

Wivw Wuerzburger Institut Fur Verkehrswissenschaften Gmbh

Address:

Robert Bosch Strasse 4
97209 Veitshochheim
Germany

EU Contribution: €629,125

Deutsches Zentrum Fr Luft Und Raumfahrt E.v**Address:**

Linder Hoehe
51147 KOELN
Germany

Organisation Website:

<http://www.dlr.de>

EU Contribution: €434,618

Audi Aktiengesellschaft**Address:**

-
85045 Ingolstadt
Germany

EU Contribution: €1,496,264

Jaguar Land Rover Limited**Address:**

Abbey Road
Coventry
CV3 4LF
United Kingdom

Organisation Website:

<http://www.jaguar.com>

EU Contribution: €1,811,478

Psa Automobiles Sa**Address:**

Route De Gizy
78140 Velizy-Villacoublay
France

EU Contribution: €1,798,644

Dienst Wegverkeer (Rdw)**Address:**

EUROPAWEG 205
2711 ER ZOETERMEER
Netherlands

EU Contribution: €244,480

Hagleitner Walter**Address:**

Gablerstrasse 12

6900 Bregenz
Austria

EU Contribution: €142,027

Schweizerische Ruckversicherungs-Gesellschaft Ag

Address:

MYTHENQUAI 60
8002 ZURICH
Switzerland

Organisation Website:

<http://www.swissre.com>

EU Contribution: €228,606

Università Degli Studi Di Genova

Address:

N/a
16126 Genova
Italy

EU Contribution: €460,000

Azt Automotive Gmbh

Address:

Muenchenerstrasse 89
85737 Ismaning
Germany

EU Contribution: €131,250

Aptiv Services Deutschland Gmbh

Address:

AM TECHNOLOGIEPARK 1
42119 Wuppertal
Germany

EU Contribution: €924,000

Institute Of Communication And Computer Systems

Address:

Patission
10682 Athens
Greece

Organisation Website:

<http://www.iccs.gr>

EU Contribution: €478,125

Bundesanstalt Für Strassenwesen (Federal Highway Research Institute)

Address:

Brüdenstrasse 53
51427 BERGISCH GLADBACH
Germany

Organisation Website:

<http://www.bast.de>

EU Contribution: €419,688

University Of Surrey**Address:**

Stag Hill
Guildford
GU2 7XH
United Kingdom

EU Contribution: €445,000

Fev Europe Gmbh**Address:**

Neuenhofstrasse 181
52078 Aachen
Germany

EU Contribution: €427,088

Bayerische Motoren Werke Ag**Address:**

Petuelring 130
80809 MUNICH
Germany

Organisation Website:

<http://www.bmwgroup.de>

EU Contribution: €2,113,333

Chalmers Tekniska Hoegskola Ab**Address:**

-
41296 GOTHENBURG
Sweden

Organisation Website:

<http://www.chalmers.se>

EU Contribution: €1,263,288

Technologies:

Connected and automated vehicles
Controllers and sensor fusion systems for automated vehicles

Development phase: Demonstration/prototyping/Pilot Production

STRIA Roadmaps: Cooperative, connected and automated transport

Transport mode: Road transport

Transport sectors: Passenger transport

Transport policies: Other specified

Geo-spatial type: Other