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eUropean naturalistic Driving and Riding for Infrastructure & Vehicle safety and Environment

Fact Sheet

Project Information

UDRIVE

Grant agreement ID: 314050

Project closed

Start date
1 October 2012

End date
30 June 2017



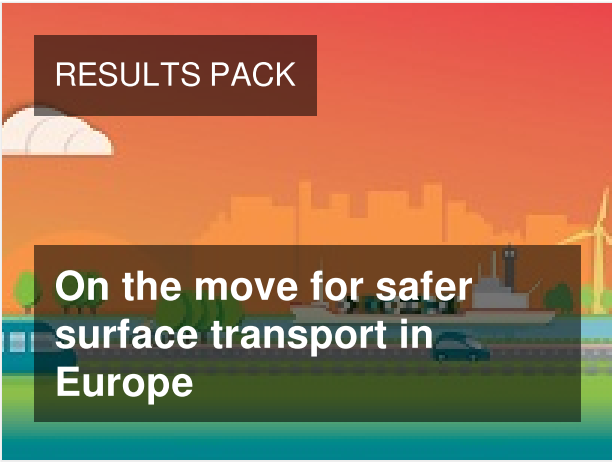
Funded under
Specific Programme "Cooperation": Transport
(including Aeronautics)

Total cost
€ 10 629 926,34

EU contribution
€ 7 999 965,00

Coordinated by
STICHTING
WETENSCHAPPELIJK
ONDERZOEK
VERKEERSVEILIGHEID SWOV
 Netherlands

This project is featured in...



On the move for safer surface transport in Europe

Objective

Road transport is indispensable for the exchange of goods and persons, but at the same time has severe negative consequences, among others related to road safety and environment. In order to meet EU targets, both the number of road crashes and vehicle emission levels need to be reduced substantially. For identifying the next generation of measures that will enable us to actually reach these targets, a far more in-depth understanding of road user behaviour is needed. The proposed UDRIVE project is building on the experiences of the PROLOGUE feasibility study and various Field Operational Tests (FOTs), and aims to contribute to developing this in-depth knowledge by:

1. Conducting a large-scale European Naturalistic Driving (ND) study;
2. Building one central database with the collected ND data;
3. Performing targeted analyses in the areas of:
 - o crash causation factors and associated risks,
 - o distraction and inattention,
 - o vulnerable road users,
 - o eco-driving;
4. Applying the findings in four specific area, notably:
 - o the identification of new and promising countermeasures,
 - o the potential of simple DAS for monitoring performance indicators over time,
 - o the improvement of driver behaviour models for road transport simulation,
 - o the possibilities for commercial applications of ND data;
5. Leaving behind the collected data to be used, subject to legal and ethical constraints, for additional analyses once UDRIVE is finished.

During a 21-month data collection effort, UDRIVE will collect information on 210 vehicles, each for one year: 120 passenger cars, 50 trucks, and 40 powered two-wheelers. All data, including video data showing the forward view and the view of the driver as well as GIS data, will be collected continuously to enable knowledge in the various research areas to be brought well beyond the current state of the art.

The UDRIVE consortium consists of 19 partners and represents a good balance between different EU regions and various stakeholders. The consortium also

represents a good balance between expertise on the various research areas and expertise on huge data acquisition and storage.

Fields of science (EuroSciVoc)

[natural sciences](#) > [computer and information sciences](#) > [databases](#)

[social sciences](#) > [social geography](#) > [transport](#)



Programme(s)

[FP7-TRANSPORT - Specific Programme "Cooperation": Transport \(including Aeronautics\)](#)

Topic(s)

[SST.2012.4.1-3. - Large scale naturalistic driving observations for safe and sustainable transport](#)

Call for proposal

FP7-SST-2012-RTD-1

[See other projects for this call](#)

Funding Scheme

[CP-IP - Large-scale integrating project](#)

Coordinator



STICHTING WETENSCHAPPELIJK ONDERZOEK VERKEERSVEILIGHEID SWOV

EU contribution

€ 2 179 594,42

Total cost

No data

Address

HENRI FAASDREEF 312
2492 JP 'S-GRAVENHAGE
 Netherlands 

Activity type
Research Organisations

Links
[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Participants (18)



BUNDESANSTALT FUER STRASSEN-UND VERKEHRSWESEN

 Germany
EU contribution

€ 56 247,00

Address
BRUEDERSTRASSE 53
51427 Bergisch Gladbach 

Region
Nordrhein-Westfalen > Köln > Rheinisch-Bergischer Kreis

Activity type
Research Organisations

Links
[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost
No data



CENTRUM DOPRAVNIHO VYZKUMU v.v.i.

 Czechia
EU contribution
€ 30 600,00

Address

Lisenska 33a
636 00 Brno 

Region

Česko > Jihovýchod > Jihomoravský kraj

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost

No data



CENTRE EUROPEEN D'ETUDES DE SECURITE ET D'ANALYSE DES RISQUES

 France

EU contribution

€ 622 678,93

Address

215 AVENUE GEORGES CLEMENCEAU
92000 Nanterre 

Region

Ile-de-France > Ile-de-France > Hauts-de-Seine

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost

No data



FUNDACION CIDAUT

 Spain

EU contribution

€ 336 194,72

Address

PLAZA VICENTE ALEIXANDRE CAMPOS 2 PQ TECNOLOGICO DE BOECILLO 209
47151 Valladolid 

Region

Centro (ES) > Castilla y León > Valladolid

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost

No data



DEUTSCHES ZENTRUM FUR LUFT - UND RAUMFAHRT EV

 Germany

EU contribution

€ 575 946,08

Address

LINDER HOHE
51147 Koln 

Region

Nordrhein-Westfalen > Köln > Bonn, Kreisfreie Stadt

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost

No data



EUROPEAN ROAD TRANSPORT TELEMATICS IMPLEMENTATION COORDINATION ORGANISATION - INTELLIGENT TRANSPORT SYSTEMS & SERVICES EUROPE

 Belgium

EU contribution

€ 428 336,00

Address

AVENUE LOUISE 523

1050 BRUXELLES 

Region

Région de Bruxelles-Capitale/Brussels Hoofdstedelijk Gewest > Région de Bruxelles-Capitale/ Brussels Hoofdstedelijk Gewest > Arr. de Bruxelles-Capitale/Arr. Brussel-Hoofdstad

Activity type

Other

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



FEDERATION INTERNATIONALE DE L'AUTOMOBILE

 France

EU contribution

€ 52 230,00

Address

PLACE DE LA CONCORDE 8

75008 Paris 

Region

Ile-de-France > Ile-de-France > Paris

Activity type

Other

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



INSTYTUT BADAWCZY DROG I MOSTOW

 Poland

EU contribution

€ 162 027,50

Address

UL. INSTYTUTOWA 1

03 302 Warszawa 

Region

Makroregion województwo mazowieckie > Warszawski stołeczny > Miasto Warszawa

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



INSTITUT FRANCAIS DES SCIENCES ET TECHNOLOGIES DES TRANSPORTS, DE L'AMENAGEMENT ET DES RESEAUX

 France

EU contribution

€ 160 000,00

Address

BOULEVARD ISAAC NEWTON 14 CITE DESCARTES 14-20

77447 MARNE LA VALLEE CEDEX 2 

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

Total cost

No data



KURATORIUM FUER VERKEHRSSICHERHEIT

 Austria

EU contribution

€ 93 616,92

Address

SCHLEIERGASSE 18
1100 Wien 

Region

Ostösterreich > Wien > Wien

Activity type

Research Organisations

Links

- [Contact the organisation](#) 
- [Website](#) 
- [Participation in EU R&I programmes](#) 
- [HORIZON collaboration network](#) 

Total cost

No data



GROUPEMENT D'INTERET ECONOMIQUE DERECHERCHES ET D'ETUDES PSA
RENAULT

 France

EU contribution

€ 121 575,00

Address

2 10 BOULEVARD DE L EUROPE
78300 Poissy 

Region

Ile-de-France > Ile-de-France > Yvelines

Activity type

Other

Links

- [Contact the organisation](#)
- [Participation in EU R&I programmes](#)
- [HORIZON collaboration network](#)

Total cost

No data



LOUGHBOROUGH UNIVERSITY

United Kingdom

EU contribution

€ 248 841,75

Address

ASHBY ROAD
LE11 3TU Loughborough

Region

East Midlands (England) > Leicestershire, Rutland and Northamptonshire > Leicestershire
CC and Rutland

Activity type

Higher or Secondary Education Establishments

Links

- [Contact the organisation](#)
- [Website](#)
- [Participation in EU R&I programmes](#)
- [HORIZON collaboration network](#)

Total cost

No data



Or Yarok association

Israel

EU contribution

€ 200 628,00

Address

HaNagar 22
45240 HOD HASHORN

Activity type

Other

Links

- [Contact the organisation](#)
- [Website](#)
- [Participation in EU R&I programmes](#)
- [HORIZON collaboration network](#)

Total cost

No data



CHALMERS TEKNISKA HOGSKOLA AB

Sweden

EU contribution

€ 1 098 394,02

Address

-
412 96 Goteborg

Region

Södra Sverige > Västsverige > Västra Götalands län

Activity type

Higher or Secondary Education Establishments

Links

- [Contact the organisation](#)
- [Website](#)
- [Participation in EU R&I programmes](#)
- [HORIZON collaboration network](#)

Total cost

No data



TECHNISCHE UNIVERSITAET CHEMNITZ

Germany

EU contribution

€ 303 300,00

Address

STRASSE DER NATIONEN 62
09111 Chemnitz

Region

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#) [Website](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Total cost

No data



NEDERLANDSE ORGANISATIE VOOR TOEGEPAST
NATUURWETENSCHAPPELIJK ONDERZOEK TNO

Netherlands

EU contribution

€ 834 605,92

Address

ANNA VAN BUERENPLEIN 1
2595 DA Den Haag

Activity type

Research Organisations

Links

[Contact the organisation](#) [Website](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Total cost

No data



UNIVERSITY OF LEEDS

United Kingdom

EU contribution

€ 295 492,25

Address

WOODHOUSE LANE
LS2 9JT Leeds

Region

Yorkshire and the Humber > West Yorkshire > Leeds

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



VOLVO TECHNOLOGY AB

 Sweden

EU contribution

€ 199 656,49

Address

GOTAVERKSGATAN 10

405 08 Goteborg 

Region

Södra Sverige > Västsverige > Västra Götalands län

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data

Last update: 26 June 2017

Permalink: <https://cordis.europa.eu/project/id/314050>

