

PROJECT

## C-MobILE

# Accelerating C-ITS Mobility Innovation and deployment in Europe

**Funding:** European (Horizon 2020)

**Duration:** Jun 2017 - May 2021

**Status:** Complete

**Total project cost:** €15,057,339

**EU contribution:** €12,575,000



**Call for proposal:** H2020-MG-2016-Two-Stages

[CORDIS RCN : 210916](#)

### Objectives:

The C-MobILE (Accelerating C-ITS Mobility Innovation and deployment in Europe) vision is a fully safe & efficient road transport without casualties and serious injuries on European roads, in particular in complex urban areas and for Vulnerable Road Users. We envision a congestion-free, sustainable and economically viable mobility, minimizing the environmental impact of road transport.

C-MobILE will set the basis for large scale deployment in Europe, elevating research pilot sites to deployment locations of sustainable services that are supported by local authorities, using a common approach that ensures interoperability and seamless availability of services towards acceptable end user cost and positive business case for parties in the supply chain.

The C-MobILE project will produce 7 key results:

1. C-ITS framework defined in partnerships with major stakeholders for proposing key deployment enabling solutions on existing pilot sites, including business cases
2. Strategic Research Agenda defined for key researching and innovation areas that promote sustainable C-ITS deployments and will lead towards automated transport in Europe
3. Assessment including CBA of the cumulative real-life benefits of clustering C-ITS applications and integrating multiple transport modes in the C-ITS ecosystem
4. Open secure large-scale C-ITS deployment of new and existing applications demonstrated in complex urban environments interoperable across countries involving large groups of end users
5. Provide an open platform towards C-ITS sources to support deployment of service concepts on commodity devices, validated by developer communities
6. Validated operational procedures for large-scale deployment of sustainable C-ITS services in Europe
7. Released testing methodologies to evaluate the proven impact of C-ITS architectures and services

### 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:

**Idiada Automotive Technology Sa**

**Address:**

L Albornar  
43710 Santa Oliva  
Spain

**EU Contribution:** €853,335

## **Partner Organisations:**

### **Gemeente Helmond**

**Address:**

Weg Op Den Heuvel 35  
5700 Helmond  
Netherlands

**EU Contribution:** €307,813

### **Dynniq Nederland Bv**

**Address:**

BASICWEG 16  
3821BR AMERSFOORT  
Netherlands

**EU Contribution:** €1,021,125

### **Macq Sa**

**Address:**

RUE DE L AERONEF 2  
1140 BRUXELLES  
Belgium

**Organisation Website:**

<http://www.macq.eu>

**EU Contribution:** €396,988

### **Ethniko Kentro Erevnas Kai Technologikis Anaptyxis**

**Address:**

Charilaou Thermi Road  
57001 Thermi Thessaloniki  
Greece

**Organisation Website:**

<http://www.certh.gr>

**EU Contribution:** €579,375

### **Gertek Sociedad De Gestiones Y Servicios Sa**

**Address:**

Gregorio de la Revilla 27  
48010 Bilbao  
Spain

**EU Contribution:** €50,225

### **Piaggio & C S.p.a.**

**Address:**

Viale Rinaldo Piaggio 25  
56025 Pontedera  
Italy

**Organisation Website:**

<http://www.piaggio.com>

**EU Contribution:** €216,125

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

PLACE DE LA CONCORDE 8  
75008 PARIS  
France

**Organisation Website:**

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

**EU Contribution:** €181,500

**Nederlands Organisation For Applied Scientific Research****Address:**

Schoemakerstraat 97  
6060 DELFT  
Netherlands

**Organisation Website:**

<http://www.tno.nl>

**EU Contribution:** €856,651

**Tomtom Development Germany Gmbh****Address:**

INSELSTRASSE 22  
04103 LEIPZIG  
Germany

**EU Contribution:** €102,988

**Kapsch Trafficcom Arce Sistemas****Address:**

Plaza Euskadi 5 5A  
48012 Bilbao Bizkaia  
Spain

**EU Contribution:** €81,375

**Dynniq Denmark As****Address:**

TORRINGVEJ 17  
2610 RODOVRE  
Denmark

**EU Contribution:** €374,500

**Ajuntament De Barcelona****Address:**

Plaça De Sant Jaume Sn  
8002 Barcelona  
Spain

**EU Contribution:** €83,438

**Efarmoges Exypnou Logismikou Kykloforias & Metaforon Ae****Address:**

VRIOULON 78C KAI K. KARAMANLI 40 78C  
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Greece

**Organisation Website:**

<http://www.infotrip.gr>

**EU Contribution:** €0

**The University Of Newcastle Upon Tyne****Address:**

Kensington Terrace 6  
NEWCASTLE UPON TYNE  
NE1 7RU  
United Kingdom

**Organisation Website:**

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

**EU Contribution:** €343,125

**Ptv Planung Transport Verkehr Ag****Address:**

Stumpfstrasse 1  
76131 KARLSRUHE  
Germany

**Organisation Website:**

<http://www.ptv.de>

**EU Contribution:** €245,875

**Fundacion Para La Promocion De La Innovacion, Investigacion Y Desarrollo Tecnologico En La Industria De La Automocion De Galicia****Address:**

Poligono Industrial A Granxa 249  
36400 PORRINO PONTEVEDRA  
Spain

**Organisation Website:**

<http://www.ctag.com>

**EU Contribution:** €544,625

**Gertrude****Address:**

9 RUE DE SEGUR  
33000 BORDEAUX  
France

**EU Contribution:** €148,838

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

Linder Hoehe  
51147 KOELN  
Germany

**Organisation Website:**

<http://www.dlr.de>

**EU Contribution:** €579,614

**Ayuntamiento De Bilbao**

**Address:**

URIBITARTE 18-4 DCHA  
48001 BILBAO  
Spain

**Organisation Website:**

<http://www.bilbao.net>

**EU Contribution:** €86,875

**Newcastle City Council**

**Address:**

Barras Bridge  
Newcastle Upon Tyne  
NE99 1RD  
United Kingdom

**EU Contribution:** €493,563

**Asociacion Cluster De Movilidad Y Logistica De Euskadi**

**Address:**

AV TOLOSA 75  
20018 GIPUZKOA  
Spain

**EU Contribution:** €80,375

**Neo Gls**

**Address:**

ALLEE ISAAC NEWTON 2 SITE MONTESQUIEU  
33650 MARTILLAC  
France

**EU Contribution:** €529,751

**Synetairismos Radiotaxi Thessalonikis Taxiway Syn Pe**

**Address:**

OMIROU 12 SYKES  
56626 THESSALONIKI  
Greece

**EU Contribution:** €63,875

**Gemeente Eindhoven**

**Address:**

STADHUISPLEIN 10  
5600 RB EINDHOVEN

Netherlands

**EU Contribution:** €357,500

**Kobenhavns Kommune**

**Address:**

Ottiliavej  
2500 Valby  
Denmark

**Organisation Website:**

<http://www.kk.dk>

**EU Contribution:** €282,500

**Technolution**

**Address:**

Zuidelijk Halfrond 1  
2801 DD GOUDA  
Netherlands

**Organisation Website:**

<http://www.technolution.nl>

**EU Contribution:** €359,275

**Swarco Hellas Systimata Kykloforias Anonymi Etaireia**

**Address:**

Vrioulon 78C Kai K. Karamanli 40 78C  
55132 Kalamaria-Thessaloniki  
Greece

**EU Contribution:** €214,594

**Map Traffic Management Bv**

**Address:**

PTOLEMAEUSLAAN 54  
3528 BP UTRECHT  
Netherlands

**EU Contribution:** €138,469

**Iru Projects Asbl**

**Address:**

Avenue De Cortenbergh 71  
1000 Bruxelles  
Belgium

**Organisation Website:**

<http://www.iru.org>

**EU Contribution:** €260,000

**Hochschule Fuer Technik Und Wirtschaft Des Saarlandes**

**Address:**

GOEBENSTRASSE 40  
66117 SAARBRUECKEN

Germany

**EU Contribution:** €610,875

**Automobil Club Assistencia Sa**

**Address:**

AVENIDA DIAGONAL 687  
08028 BARCELONA  
Spain

**Organisation Website:**

<http://www.fundacionracc.es>

**EU Contribution:** €130,373

**European Road Transport Telematics implementation Coordination Organisation (ERTICO) - Intelligent Transport Systems & Services Europe**

**Address:**

Avenue Louise 326  
1050 BRUSSELS  
Belgium

**Organisation Website:**

<http://www.ertico.com>

**EU Contribution:** €737,416

**Technische Universiteit Eindhoven**

**Address:**

Den Dolech  
5612 AZ Eindhoven  
Netherlands

**Organisation Website:**

<http://www.industrialdesign.tue.nl>

**EU Contribution:** €647,422

**Kykloforiaki Techniki Anonymi Etairia**

**Address:**

8TH KM THESSALONIKI - THERMI  
57001 THESSALONIKI  
Greece

**EU Contribution:** €107,625

**Asociacion Centro Tecnologico Ceit**

**Address:**

PASEO MANUEL DE LARDIZABAL 15  
20018 SAN SEBASTIAN  
Spain

**Organisation Website:**

<http://www.ceit.es>

**EU Contribution:** €309,500

**Region Of Central Macedonia**

**Address:**

VASILISSIS OLGAS 198  
54110 THESSALONIKI  
Greece

**EU Contribution:** €129,063

**Ayuntamiento De Vigo****Address:**

PLAZA DO REI 1  
36203 VIGO  
Spain

**EU Contribution:** €68,438

**Technologies:**

Connected and automated vehicles  
C-ITS pilot study and online platform

**Development phase:** Research/Invention

**STRIA Roadmaps:** Cooperative, connected and automated transport

**Transport mode:** Road transport

**Transport sectors:** Passenger transport, Freight transport

**Geo-spatial type:** Urban