

PROJECT

C-Mobile

Accelerating C-ITS Mobility Innovation and deployment in Europe

Funding: European (Horizon 2020)

Duration: Jun 2017 - Nov 2020

Status: Ongoing

Total project cost: €15,059,453

EU contribution: €12,575,000



[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

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
551 32 KALAMARIA-THESSALONIKI
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 Hhe
12489 KLN
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

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

EU Contribution: €130,373

Association Of European Railway Industries**Address:**

avenue Louise 221/11
1050 BRUSSELS
Belgium

Organisation Website:

<http://suzanne.lami@unife.org>

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-Ik4**Address:**

Paseo Manuel De Lardizabal 15
20018 San Sebastian
Spain

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