

PROJECT

USER-CHI

innovative solutions for USER centric CHarging Infrastructure

Funding: European (Horizon 2020)

Duration: Feb 2020 - Jan 2024

Status: Ongoing

Total project cost: €17,486,866

EU contribution: €14,263,188



Call for proposal: H2020-LC-GV-2019

[CORDIS RCN : 227182](#)

Objectives:

USER-CHI aims at unlocking the massive potential of electromobility in Europe. This will be achieved by

1. integrating different innovative charging technologies with a holistic perspective,
2. putting the user at the centre and empowering it,
3. exploiting the synergies between electromobility and the process of greening and smartification of the grid which is taking place to achieve the energy transition in Europe,
4. integrating the technological tools, business models and regulatory measures which will transform the elements cited above into an actual, working ecosystem which improves the user experience of EV drivers beyond the current levels of ICE vehicles drivers, whilst at the same time makes financially attractive for the relevant private and public actors the large scale deployment of Europe's required user centric charging infrastructure.

USER-CHI will boost a large-scale e-mobility market take up in Europe, by means of developing integrated smart solutions, novel business models and new regulatory framework conditions, which will be demonstrated and validated in 5 urban areas all along the European territory: Barcelona metropolitan area (Spain), Rome (Italy), Berlin (Germany), Budapest (Hungary), and Turku (Finland). These 5 sites act as connecting nodes of the key Mediterranean and Scandinavian-Mediterranean TEN-T corridors, while their different sizes, complementary contexts and e-mobility maturity level offer a holistic view of e-mobility in Europe, facilitating the scalability and replicability of the demonstrated solutions.

Since large scale replication and transferability of USER-CHI results is one of the cornerstones of the project, a replication city has been included in each of the TEN-T corridors involved in the project: Murcia (Spain) in Mediterranean corridor and Florence (Italy) in Scandinavian-Mediterranean corridor. This, together with the involvement of EURO CITIES will maximise the project impact even after its completion.

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:

Etra Investigacion Y Desarrollo Sa

Address:

Calle Tres Forques
46014 Valencia
Spain

Organisation Website:

<http://www.grupoetra.com>

EU Contribution: €1,345,750

Partner Organisations:**City Of Turku****Address:**

Kristiinankatu
20100 Turku
Finland

EU Contribution: €666,438

Comune Di Firenze**Address:**

PIAZZA SIGNORIA 1
50122 FIRENZE
Italy

Organisation Website:

<http://www.comune.fi.it>

EU Contribution: €355,313

Asociacion Espanola De Normalizacion**Address:**

Calle Genova 6
28004 Madrid
Spain

EU Contribution: €152,375

Oy Turku Energia - Abo Energi Ab**Address:**

LINNANKATU 65
20100 TURKU
Finland

EU Contribution: €276,522

Qwicc Gmbh**Address:**

AGNES-POCKELS BOGEN 1
80992 MUNCHEN
Germany

EU Contribution: €372,750

Ipt Technology Gmbh**Address:**

IM MARTELACKER 14
79588 EFRINGEN-KIRCHEN
Germany

EU Contribution: €874,930

Digital System Integrator Srl**Address:**

VIALE LONDRA 47 F13
00142 ROMA RM
Italy

EU Contribution: €238,875

Cities Forum Slu**Address:**

C ESCULTOR NICOLAS DE BUSSI 2 PLANTA 7A
30002 MURCIA
Spain

EU Contribution: €196,306

Circontrol Sa**Address:**

CARRER INNOVACIO 3, POLIGON INDUSTRIAL CAN MITJANS
08232 VILADECAVALLS BARCELONA
Spain

EU Contribution: €203,438

Roma Servizi Per La Mobilita Srl**Address:**

Via Di Vigna Murata 60
143 Roma
Italy

EU Contribution: €181,081

Agenzia Nazionale Per Le Nuove Tecnologie, L'energia E Lo Sviluppo Economico Sostenibile**Address:**

Lungotevere Grande Ammiraglio Thaon Di Revel 76
196 Roma
Italy

EU Contribution: €345,375

Institut Fur Klimaschutz Energie Und Mobilitat-Recht, Okonomie Und Politik Ev(Ikem)**Address:**

MAGAZINSTRASSE 15-16
10179 BERLIN
Germany

EU Contribution: €1,032,704

Gewobag Wohnungsbau- Aktiengesellschaft Berlin**Address:**

ALT MOABIT 101A
10559 BERLIN
Germany

EU Contribution: €689,486

Ayuntamiento De Murcia**Address:**

GLORIETA DE ESPANA 1
30004 MURCIA
Spain

EU Contribution: €351,813

Instituto De Biomecanica De Valencia**Address:**

CAMINO DE VERA EDIFICIO 9C UNIVERSIDAD POLITECNICA DE VALENCIA
46022 VALENCIA
Spain

Organisation Website:

<http://www.ibv.org/>

EU Contribution: €490,090

Eurocities Asbl**Address:**

SQUARE DE MEEUS 1
1000 BRUXELLES
Belgium

Organisation Website:

<http://www.eurocities.org>

EU Contribution: €1,217,188

Tvt Asunnot Oy**Address:**

KASITYOLAISKATU 3
20100 TURKU
Finland

EU Contribution: €237,563

Fit Consulting Srl**Address:**

Via Acciaresi Primo 8
157 Roma
Italy

Organisation Website:

<http://www.fitconsulting.it>

EU Contribution: €603,750

Varsinais-Suomen Asumisoikeus Oy**Address:**

RAUHANKATU 4
20100 Turku
Finland

EU Contribution: €242,500

Area Metropolitana De Barcelona**Address:**

CARRER 62 NUM 16-18
08040 BARCELONA
Spain

EU Contribution: €1,136,788

Enel X Srl**Address:**

VIALE DI TOR DI QUINTO 47
00191 ROMA
Italy

EU Contribution: €945,088

Vmz Berlin Betreibergesellschaft Mbh**Address:**

ULLSTEINSTRASSE - TURM C 114
12109 BERLIN
Germany

EU Contribution: €1,151,631

Budapest Fovaros Onkormanyzata**Address:**

VAROSHAZ UTCA 9-11
BUDAPEST
1052
Hungary

EU Contribution: €955,438

Technologies:

Electric road vehicles
Public charging infrastructure

Development phase: Validation

Electric road vehicles
Inductive charging station

Development phase: Validation

STRIA Roadmaps: Infrastructure

Transport mode: Multimodal transport

Transport sectors: Passenger transport, Freight transport

Transport policies: Environmental/Emissions aspects

Geo-spatial type: Urban