

PROJECT

MORE

Multi-modal Optimisation for Road-space in Europe

Funding: European (Horizon 2020)

Duration: Sep 2018 - Aug 2021

Status: Complete

Total project cost: €5,537,114

EU contribution: €5,537,114



[CORDIS RCN : 217581](#)

Objectives:

The primary aim of MORE is to develop and implement procedures for the comprehensive co-design of urban main road corridor infrastructure feeding the European TEN-T network, to accommodate their current and future multi-modal and multi-functional requirements; and to address severe problems of congestion, sustainability, noise, air pollution, safety, security, etc., in situations where building new roads is not an option. And in such cases to enable city authorities to make the best use of available road-space, by optimally allocating the available capacity dynamically, in space and time; taking advantage of advances in big data and digital eco-systems, and in new vehicle technologies and operating systems, in materials and construction technologies, and in dynamic traffic signing and lane marking capabilities.

Methodology:

This aim is achieved by comprehensively assessing the needs of all road user groups - and of those who live, work and visit the area - drawing on existing knowledge and extensive stakeholder engagement, to establish design criteria. Key performance indicators will be developed to define and measure the degree to which a road is operating satisfactorily, and to set out design requirements when performance is sub-standard. Four web or computer-based tools will be developed to assist in the road-space reallocation design process, covering: option generation, stakeholder engagement, micro-simulation of road user behaviour, and a comprehensive, multi-modal appraisal tool.

The project will test these tools and procedures through the detailed development of street design packages at test sites (feeder route corridors) in five partner cities on different TEN-T networks, and on- and off-road trials will be carried out to test some of the components. Based on these various outputs, MORE will develop new guidelines for optimal urban road-space allocation and disseminate and exploit them and the design tools, widely throughout Europe.

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)

Other programmes: MG-7-2-2017 Optimisation of transport infrastructure including terminals

Lead Organisation:

University College London

Address:

Gower Street
London
WC1E 6BT
United Kingdom

Organisation Website:

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

EU Contribution: €728,234

Partner Organisations:**Dynniq Nederland Bv****Address:**

BASICWEG 16
3821BR AMERSFOORT
Netherlands

EU Contribution: €440,500

Buchanan Computing Ltd**Address:**

227 SHEPHERDS BUSH ROAD
LONDON
W6 7AS
United Kingdom

EU Contribution: €200,336

Municipiu Resedinta De Judet Constanta**Address:**

BLD TOMIS 51
900725 CONSTANTA
Romania

EU Contribution: €194,375

International Federation Of Pedestrians**Address:**

KLOSBACHSTRASSE 48
8032 ZURICH
Switzerland

EU Contribution: €103,500

Fondation Nationale Des Sciences Politiques**Address:**

RUE SAINT GUILLAUME 27
75337 PARIS
France

Organisation Website:

<http://www.sciencespo.fr>

EU Contribution: €146,590

Ptv Planung Transport Verkehr Ag**Address:**

Stumpfstrasse 1
76131 KARLSRUHE
Germany

Organisation Website:

<http://www.ptv.de>

EU Contribution: €293,125

Polis - Promotion Of Operational Links With Integrated Services, Association Internationale**Address:**

rue du Trône 98
1050 BRUXELLES
Belgium

Organisation Website:

<http://www.polis-online.org>

EU Contribution: €370,673

Vectos (South) Limited**Address:**

TOTTENHAM COURT ROAD 97 NETWORK BUILDING
LONDON
W1T 4TP
United Kingdom

EU Contribution: €305,500

Union Internationale Des Transport Publics**Address:**

Rue Ste. Marie 6
1080 BRUXELLES
Belgium

Organisation Website:

<http://www.uitp.org>

EU Contribution: €240,375

European Integrated Project**Address:**

BULEVARD ION MIHALACHE 327 BL 12 SC B ET 6 AP 59 SECTOR 1
011186 BUCURESTI
Romania

EU Contribution: €150,250

Iru Projects Asbl**Address:**

Avenue De Cortenbergh 71
1000 Bruxelles
Belgium

Organisation Website:

<http://www.iru.org>

EU Contribution: €175,250

Camara Municipal De Lisboa**Address:**

PACOS DO CONCELHO PRACA DO MUNICIPIO
1100-365 LISBOA
Portugal

Organisation Website:
<http://www.cm-lisboa.pt>

EU Contribution: €414,375

European Cyclists' Federation Asbl

Address:
RUE FRANKLIN 28
1000 BRUXELLES
Belgium

EU Contribution: €106,656

Bkk Budapesti Közlekedési Központ Zártkörűen Működő Részvénytársaság

Address:
Rumbach Sebestyén Utca 19-21
Budapest
1075
Hungary

EU Contribution: €281,750

Transport For London

Address:
WINDSOR HOUSE 42-50 VICTORIA STREET
LONDON
SW1H 0TL
United Kingdom

EU Contribution: €599,250

Technische Universität Dresden

Address:
Helmholtzstrasse 10
1069 Dresden
Germany

Organisation Website:
<http://www.tu-dresden.de/>

EU Contribution: €309,375

Technologies:

Infrastructure management
Field testing of the road infrastructure management
systems

Development phase: Demonstration/prototyping/Pilot Production

STRIA Roadmaps: Infrastructure

Transport mode: Road transport

Transport sectors: Passenger transport, Freight transport

Transport policies: Digitalisation, Deployment planning/Financing/Market roll-out

Geo-spatial type: Other

