



European
Commission



Supporting your urban mobility project

Horizon 2020
Transport research

Connecting Europe
Facility

*Innovation
and Networks
Executive Agency*



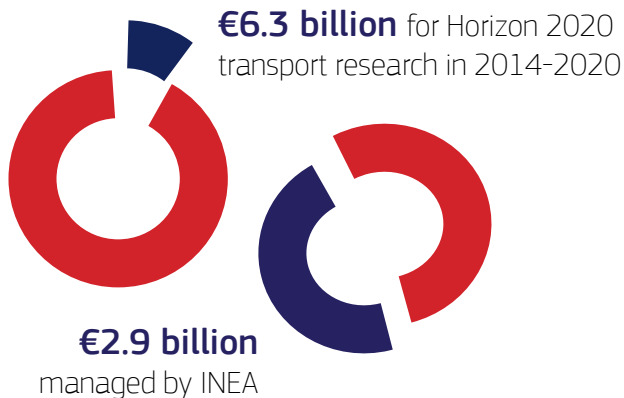
H2020 Transport research

Horizon 2020, the EU's €80 billion research and innovation programme for 2014-2020, will invest **€6.3 billion** to address the 'Smart, green and integrated transport' societal challenge.

Smart, green and integrated transport

This challenge is designed to boost the competitiveness of the European transport industry and achieve a European transport system that is resource-efficient, climate and environmentally-friendly, as well as safe and seamless for the benefit of all citizens, the economy and society.

The European Commission's Innovation and Networks Executive Agency (**INEA**) is in charge of managing parts of this challenge for a total amount of **€2.9 billion** over seven years.



Of the €2.9 billion, €100 million have been invested in urban mobility projects throughout 2014 and 2015, and **another €75 million** will be available in 2016-2017 under the Mobility for growth call. Additional funds are available under other calls.

Experts needed

External evaluators of project proposals are drawn from the European Commission's independent expert database. The Commission is looking to expand the database through a **call for experts covering a very broad range of fields**.

If you fit the profile and would like to be considered as a proposal evaluator, please sign up via the **H2020 Participant Portal**:

ec.europa.eu/research/participants/portal > select the 'Experts' tab on the main menu

Urban mobility in Horizon 2020

Research and innovation under this topic focusses on **resource-efficient, clean and competitive urban mobility and transport**. It reflects citizen and business needs to reduce energy consumption, increase the use of alternative fuels and create more habitable urban areas.



Priority actions

- achieve a transformation in the use of **cleaner vehicles**
- improve the efficiency and lower the impact of **city logistics**
- reduce urban **road congestion**
- increase **user-driven innovation**
- strengthen the capacity of **local authorities**
- enhance synergies with the **Connecting Europe Facility (CEF)**



CEF Transport

The **Connecting Europe Facility** (CEF) finances projects which fill the missing links in Europe's energy, transport and digital backbone. In the 2014-2020 period, INEA will manage CEF projects worth **€22.4 billion** to promote **clean, smart, sustainable and fully interconnected transport in Europe**.

Part of the CEF funding covers **better connections** between the trans-European transport network near cities (ports, airports, railway stations, logistic platforms and freight terminals) and the regional and local transport network. Projects **mitigating the impact of transit transport** on urban centres, as well as promoting efficient **low-noise and low-carbon** urban freight delivery are also supported. In 2015 it is expected to invest **up to €100 million** in such projects.

More details on CEF funding for transport are available on <http://ec.europa.eu/inea> and at the **CEF Transport Information Day** organised by INEA in Brussels on 30 November 2015.

Funding opportunities under

Mobility for growth

MG- 4.5-2016: Neighbourhood-level and district-level transport innovations **€10 million**

Supporting new ways of translating passenger and freight needs into mobility solutions, as well as new ways of delivering those solutions

Topic deadlines:

20 January 2016 for the first stage > 29 September 2016 for the second stage

MG-4.1-2017: Scale-up of Innovative solutions for sustainable mobility in urban areas

Increasing the take up and scale-up by transferring the solutions to new contexts and comparing the impacts

MG-4.2-2017: Smart electric mobility in cities

Helping European cities to equip themselves with a network of electric recharging stations for electric cars and L-category vehicles

€22 million (combined for MG-4.1 and MG-4.2)

Topic deadlines:

26 January 2017 for the first stage > 19 October 2017 for the second stage

MG-4.3-2017: Integration of urban nodes in the TEN-T corridors

€2 million

Supporting research and innovation efforts to develop innovative solutions and make recommendations for their deployment

Topic deadline:

1 February 2017

MG-8.4-2017: New tools and business models for public transport in prioritised areas

Improving accessibility, developing inclusive mobility solutions for specific population groups, and elaborating new tools and business models

MG-8.5-2017: Behaviours and lifestyles influencing travel and mobility choices

Supporting research into the dynamics of new individual preferences, and their potential economic, social and environmental impact

€7.5 million (combined for MG-8.4 and MG-8.5)

Topic deadline:

1 February 2017

Horizon 2020 in 2016-2017

Green vehicles

GV-10-2017: Integration of electric vehicles in the urban transport system

Supporting pilots to demonstrate the potential market penetration of Electrified L-category vehicles in different European cities

GV-11-2016: Stimulating European research and development for the implementation of future road transport technologies

Supporting defining and promoting research priorities for sustainable road transport in Europe

€128 million (*amount shared with several other topics*)

Topic deadline:

1 February 2017

Automated road transport

ART-07-2017: Urban road transport automation for the development of fully automated and high quality road transport systems and services - to complement mass transit and reach low to medium demand areas

€50 million (*amount shared with several other topics*)

Topic deadlines:

26 January 2017 for the first stage > 27 September 2017 for the second stage

Detailed information on these and other calls related to urban mobility will be published on the **H2020 Participant Portal**:

ec.europa.eu/research/participants/portal

Follow the information day on these and other calls of the 2016-2017 Horizon 2020 Work programme 'Smart, green and integrated transport' on 5 November 2015 on <http://bit.ly/1GmwWg> and on twitter [#H2020Transport](https://twitter.com/H2020Transport).

Urban mobility projects



Clean fuels

ELIPTIC creates fully integrated electric transport infrastructure in 12 European cities, including Bremen (DE), London (UK), Brussels (BE), Warsaw (PL), Barcelona (ES) and Szeged (HU).

*EU contribution: €6 million
www.eliptic-project.eu*

Urban freight logistics

CITYLAB develops cost effective strategies, measures and tools for emission free city logistics ready to be rolled-out, up-scaled and implemented in other cities.

*EU contribution: €4 million
www.citylab-project.eu*

NOVELOG provides guidance on sustainable city logistics with the aim to create knowledge and understanding of urban freight distribution and service trips.

*EU contribution: €4.4 million
www.novelog.eu*

SUCCESS works on reducing the negative impact of the construction supply chains, focusing on distribution networks.

*EU contribution: €3.2 million
www.success-urbanlogistics.eu*

U-TURN aims to minimise the carbon footprint and reduce the costs of urban freight delivery through shared logistics and close collaboration between manufacturers, retailers and logistics service providers.

*EU contribution: €2.7 million
www.u-turn-project.eu*



‘Eco friendly public transport is important for solving the transport problems shared by many cities. European projects allow us to also share ideas and solutions.’

**Michael
Glotz-Richter,
Coordinator of the
Eliptic project**

funded by Horizon 2020

and vehicles

EMPOWER aims at reducing the use of conventionally fuelled vehicles in cities by changing the mobility behaviour, using positive incentives and new mobility services.

EU contribution: €5 million
www.empowerproject.eu



Urban and road congestion



CIPTEC works on re-engineering the urban public transport environment towards a more user-centred approach.

EU contribution: €3.5 million
www.ciptec.eu

CREATE aims at reducing road congestion in European cities by encouraging to switch from cars to more sustainable transport modes.

EU contribution: €3.9 million
www.create-mobility.eu

FLOW is developing a user-friendly methodology to assess the effectiveness of walking and cycling measures in addressing urban road congestion.

EU contribution: €3.8 million
www.h2020-flow.eu

TRACE is unlocking the potential of movement tracking services to promote and plan cycling and walking in cities.

EU contribution: €3 million
Website: www.h2020-trace.eu

A nighttime photograph of a city street with light trails from cars and streetlights, creating a sense of motion and urban activity.

Urban Mobility projects funded by CEF

Action 2014-DE-TM-0006-S is preparing all required planning documents and organising public participation activities for the creation of the direct rail link connecting the area west of Frankfurt with the airport and the city.

EU contribution: €7.7 million

Action 2014-SE-TA-0074-S is studying the ways to improve the multimodal connection between Norrköping and the East Link high-speed railway line in Sweden.

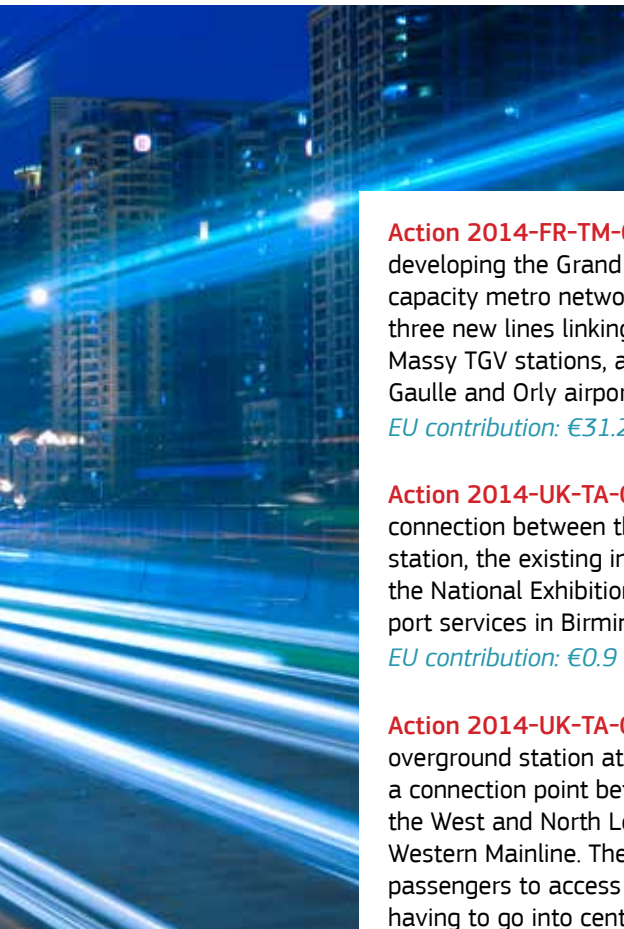
EU contribution: €1.2 million

Action 2014-EU-TM-0213-M works on connecting Malmö and Copenhagen as e-mobility hubs. It will install 30 semi-fast charging sites in Denmark and 30 in Sweden, with a total number of 120 charging stations and 240 charging outlets.

EU contribution: €1.5 million

Action 2014-FR-TA-0566-W is preparing a better road access to Lyon, the second largest city in France, through the inter-connections between highway networks and metropolitan radial roads, as well as enhanced network management and end-user information.

EU contribution: €2.4 million



Action 2014-FR-TM-0266-S is part of a larger project developing the Grand Paris Express, a new high capacity metro network. It is preparing the design of three new lines linking the city to the future Orly and Massy TGV stations, as well as Le Bourget, Charles de Gaulle and Orly airports.

EU contribution: €31.2 million

Action 2014-UK-TA-0713-M is a study preparing the connection between the future high speed rail station, the existing international station, the airport, the National Exhibition Centre and local public transport services in Birmingham.

EU contribution: €0.9 million

Action 2014-UK-TA-0459-S is designing a new overground station at Old Oak Common in London as a connection point between the future high speed rail, the West and North London Lines, and the Great Western Mainline. The new connection will allow passengers to access a wide range of routes without having to go into central London.

EU contribution: €4 million

‘INEA’s added value in managing both Horizon 2020 and CEF projects is to exploit synergies

between the programmes to achieve a competitive, efficient and clean transport in our cities.’

Dirk Beckers, Executive Director of INEA

More information on the projects:

<http://ec.europa.eu/inea>

More information

Transport research:

ec.europa.eu/horizon2020

Select the 'Transport' topic under 'Find your area'

Call-related information:

Horizon 2020 Participant Portal:

ec.europa.eu/research/participants/portal

Select Funding opportunities > Calls > Smart, green and integrated transport

Questions related to Horizon 2020:

Research Enquiry Service:

ec.europa.eu/research/enquiries

INEA:

<http://ec.europa.eu/inea>

@inea_eu

Horizon 2020 Transport Info Day

5 November 2015

<http://bit.ly/1IGmwWg>



CEF Transport Info Day

30 November 2015

<http://bit.ly/1iPOdnh>

