

PROJECT

HYPERNEX

HYPERNEX: IGNITION OF THE EUROPEAN HYPERLOOP ECOSYSTEM

Funding: European (Horizon 2020)

Duration: Dec 2020 - Nov 2021

Status: Ongoing

Total project cost: €250,000

EU contribution: €250,000



Call for proposal: H2020-S2RJU-OC-2020

[CORDIS RCN : 232404](#)

Objectives:

HYPERNEX addresses the need for a catalyst to accelerate the development of the fifth mean of transport, hyperloop, in Europe. A convergence of R&D entities, industry players, regulators and society needs to be aligned with hyperloop developers. While regulators and standardization bodies need to understand the operation and specification of the new transport mode, the industry and R&D ecosystem need a better understanding on how they can provide value to enhance hyperloop technical development. Therefore, HYPERNEX will cover the ignition of this work, bringing the relevant information into a monolithic asset, creating a ground of understanding among hyperloop developers and providing also the inertia to make the movement sustainable and durable in the coming years.

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: S2R-OC-IPX-01-2020 Innovation in guided transport

Lead Organisation:

Universidad Politécnica De Madrid

Address:

Avda. Ramiro de Maeztu, 3
28040 MADRID
Spain

Organisation Website:

<http://www.upm.es>

EU Contribution: €45,313

Partner Organisations:

Instytut Kolejnictwa

Address:

Chłopickiego 50
04 275 Warszawa
Poland

EU Contribution: €15,000

Ethniko Kentro Erevnas Kai Technologikis Anaptyxis

Address:

Charilaou Thermi Road
57001 Thermi Thessaloniki
Greece

Organisation Website:

<http://www.certh.gr>

EU Contribution: €14,688

Union International Des Chemins De Fer

Address:

16 rue Jean Rey
75015 PARIS
France

Organisation Website:

<http://www.uic.asso.fr>

EU Contribution: €12,000

Rheinisch-Westfaelische Technische Hochschule Aachen

Address:

Templergraben
52062 Aachen
Germany

Organisation Website:

<http://www.rwth-aachen.de>

EU Contribution: €10,000

Transpod France

Address:

1 AVENUE D'ESTER
87068 LIMOGES
France

EU Contribution: €27,000

Hyper Poland Spolka Z Ograniczona Odpowiedzialnoscia

Address:

UL. MINSKA 63A LOK 245
03-828 WARSZAWA
Poland

EU Contribution: €27,000

University Of Leeds

Address:

Institute For Transport Studies, University Of Leeds, 41 University Road
Leeds
LS2 9JT

United Kingdom

Organisation Website:

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

EU Contribution: €10,000

Sintef

Address:

Strindveien 4
7034 TRONDHEIM
Norway

Organisation Website:

<http://www.sintef.no>

EU Contribution: €15,000

Technische Universitat Berlin

Address:

STRASSE DES 17 JUNI 135
10623 Berlin
Germany

Organisation Website:

<http://www.tu-berlin.de>

EU Contribution: €10,000

Hardt Bv

Address:

PAARDENMARKT 1
2611 PA DELFT
Netherlands

EU Contribution: €27,000

Zeleros Global SI

Address:

LUGAR MUELLE DE LA ADUANA S/N EDIFICIO LANZADERA
46024 VALENCIA
Spain

EU Contribution: €27,000

Universita Degli Studi Di Roma La Sapienza

Address:

Piazzale Aldo Moro 5
00185 ROMA
Italy

Organisation Website:

<http://www.uniroma1.it>

EU Contribution: €10,000

Technologies:

Information systems
Education and research in the railway sector

Development phase: Validation

STRIA Roadmaps: Vehicle design and manufacturing, Infrastructure

Transport mode: Rail transport

Transport sectors: Passenger transport, Freight transport

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

Geo-spatial type: Other