

PROJECT

TER4RAIL

Transversal Exploratory Research Activities for Railway

Funding: European

Duration: Dec 2018 - Nov 2020

Status: Complete

Total project cost: €499,993

EU contribution: €499,993



Call for proposal: H2020-S2RJU-OC-2018

[CORDIS RCN : 221518](#)

Objectives:

The main objective of TER4RAIL is to reinforce the cooperation between rail-related stakeholders to improve the efficiency of the consensual exploratory research in the rail sector, in order to facilitate emerging innovative ideas and the cross-fertilisation of knowledge from other disciplines or of disruptive technology and innovation. TER4RAIL intends to promote this process by strengthening transversal exploratory research in Europe for and with a railway's perspective in the frame of multimodality.

To support this aim, cooperation with the ERRAC European Technology Platform (ETP) is extremely important. For this reason, the participants of the Consortium form the central stakeholders of ERRAC and are deeply engaged in ERRAC activities.

The main objective of TER4RAIL is supported by further specific objectives detailed below:

Specific objectives of TER4RAIL

- To identify and monitor new opportunities for innovative research and facilitate the cross-fertilisation of knowledge from other disciplines or of disruptive technology and innovations;
- To review, support, and improve the sector roadmaps, in preparation for the next iteration of the road mapping process in the railway sector, considering multimodal environments and railway as the backbone of mobility in the future;
- To collect, analyse, and elaborate available data and statistics to build arguments that portray the benefits of railways for European society;
- To communicate and promote, in joint collaboration with Shift2Rail, the outcomes of the CSA to the scientific community, rail stakeholders, mobility innovators, technology providers, policy makers, and non-rail stakeholders in the framework of coordinated transversal Research and Innovation (R&I).

Parent Programmes:

[Shift2Rail - Shift2Rail](#)

[H2020-EU.3.4. - Horizon 2020: Smart, Green and Integrated Transport](#)

Funding type: Public (EU)

Lead Organisation:

Eurnex E. V.

Address:

Fasanenstrasse 85
10623 Berlin
Germany

Partner Organisations:

Fundacion De Los Ferrocarriles Espanoles**Address:**

Santa Isabel 44
28012 Madrid
Spain

Organisation Website:

<http://www.ffe.es>

EU Contribution: €71,250

Union Des Industries Ferroviaires Europeennes - Unife**Address:**

AVENUE LOUISE 221
1050 BRUXELLES
Belgium

Organisation Website:

<http://www.unife.org>

EU Contribution: €70,313

Union Internationale Des Chemins De Fer**Address:**

16, rue Jean Rey
75015 PARIS
France

Organisation Website:

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

EU Contribution: €70,938

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: €70,930

Union Internationale Des Transport Publics**Address:**

Rue Ste. Marie 6
1080 BRUXELLES
Belgium

Organisation Website:

<http://www.uitp.org>

EU Contribution: €71,313

New Opera Aisbl

Address:

Rue D'idalie
1050 Brussels
Belgium

EU Contribution: €71,125

Technologies:

Non technology

Development phase: Research/Invention

STRIA Roadmaps: Other specified

Transport mode: Rail transport

Transport sectors: Passenger transport, Freight transport

Transport policies: Other specified

Geo-spatial type: Network corridors