Project Information

**TAURO**

Grant agreement ID: 101014984

**Funded under**

SOCIETAL CHALLENGES - Smart, Green And Integrated Transport

**Total cost**

€ 0,00

**EU contribution**

€ 1 955 260,76

**Coordinated by**

Construcciones y Auxiliar de Ferrocarriles, S.A.

Spain

Project description

**Developing the future of autonomous rail transport**

Throughout the history of transportation, very few inventions have had the same impact as rail transport. One of the oldest and most established means of transportation, railways still provide efficient transportation of freight and passengers, but they stand to benefit from cutting-edge technology. The EU-funded TAURO project will shape the future of European rail transport by developing the technologies required to make autonomous rail transport a reality. It will achieve this by working on state-of-the-art systems for environmental perception, remote operation, automatic monitoring and diagnostics, and easing the transition to these new autonomous control systems. The goal is to shape the future of rail services in Europe.
Fields of science

social sciences > sociology > industrial relations > automation

Programme(s)

H2020-EU.3.4. - SOCIETAL CHALLENGES - Smart, Green And Integrated Transport

H2020-EU.3.4.8. - Shift2Rail JU

Topic(s)

S2R-CFM-IPX-01-2020 - Advanced Functions towards Autonomous Trains

Call for proposal

H2020-S2RJU-2020

See other projects for this call

Sub call

H2020-S2RJU-CFM-2020

Funding Scheme

RIA - Research and Innovation action

Coordinator

Construcciones y Auxiliar de Ferrocarriles, S.A.

Net EU contribution

€ 118 084,38

Address

José miguel iturrioz 26
20200 Beasain
Spain
Region
Noreste > País Vasco > Gipuzkoa

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation  
Website  
Participation in EU R&I programmes  
HORIZON collaboration network

Other funding
€ 0,00

Participants (23)

CAF SIGNALLING S.L
Spain
Net EU contribution
€ 116 033,50

Address
Calle juan fermin gilisagasti 4 planta 2
20018 San sebastian

Region
Noreste > País Vasco > Gipuzkoa

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation  
Website  
Participation in EU R&I programmes  
HORIZON collaboration network

Other funding
€ 0,00

CONSTRUCCIONES Y AUXILIAR DE FERROCARRILES INVESTIGACION Y DESARROLLO SL
Spain
Net EU contribution
€ 109,994,50

Address
Jose miguel iturrioz 26
20200 Beasain

Region
Noreste > País Vasco > Gipuzkoa

Activity type
Research Organisations

Links
Contact the organisation  Website  Participation in EU R&I programmes  HORIZON collaboration network

Other funding
€ 0,00

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ALSTOM TRANSPORT SA
France

Net EU contribution
€ 33,368,75

Address
48 rue albert dhalene
93400 Saint ouen

Region
Ile-de-France > Ile-de-France > Seine-Saint-Denis

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation  Website  Participation in EU R&I programmes  HORIZON collaboration network

Other funding
€ 0,00

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ALSTOM BELGIUM SA

Belgium

Net EU contribution

€ 99,927,25

Address

Rue cambier dupret 50-52
6001 Charleroi

Region

Région wallonne > Prov. Hainaut > Arr. Charleroi

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network

Other funding

€ 0,00

AZD PRAHA SRO

Czechia

Net EU contribution

€ 30,300,00

Address

Zirovnicka 3146/2, zabezhlice
106 00 Praha

Region

Česko > Praha > Hlavní město Praha

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network

Other funding

€ 0,00
ALSTOM SCHWEIZ AG

Address
Brown-boveri-strasse 5
8050 Zurich

Region
Schweiz/Suisse/Svizzera > Zürich > Zürich

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

BOMBARDIER TRANSPORTATION SIGNAL GERMANY GMBH

Address
Wolfenbutterler strasse 86 obergstrasse 5
38102 Braunschweig

Region
Niedersachsen > Braunschweig > Braunschweig, Kreisfreie Stadt

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00
THIRD-PARTY

ALSTOM TRANSPORTATION GERMANY GMBH

Germany

Net EU contribution
€ 32 998,86

Address
Ernst-reuter-platz 6
10587 Berlin

Region
Berlin > Berlin > Berlin

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network

Other funding
€ 0,00

DEUTSCHE BAHN AG

Germany

Net EU contribution
€ 19 884,62

Address
Potsdamer platz 2
10785 Berlin

Region
Berlin > Berlin > Berlin

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network
Third-Party

DB NETZ AG

Germany

Net EU contribution

€ 79,445,38

Address

Adam-riese-strasse 11-13
60327 Frankfurt am main

Region

Hessen > Darmstadt > Frankfurt am Main, Kreisfreie Stadt

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network

Other funding

€ 0,00

Deutsches Zentrum für Luft- und Raumfahrt e.V.

Germany

Net EU contribution

€ 23,328,00

Address

Linder hohe
51147 Köln

Region

Nordrhein-Westfalen > Köln > Köln, Kreisfreie Stadt

Activity type

Research Organisations

Links
**FAIVELEY TRANSPORT ITALIA SPA**

- **Country**: Italy
- **Net EU contribution**: € 88 101,09
- **Address**: Via volvera 51, 10045 Piossasco to
- **Region**: Nord-Ovest > Piemonte > Torino
- **Activity type**: Private for-profit entities (excluding Higher or Secondary Education Establishments)

**INDRA SISTEMAS SA**

- **Country**: Spain
- **Net EU contribution**: € 130 375,00
- **Address**: Avenida de bruselas 35, 28108 Alcobendas madrid
- **Region**: Comunidad de Madrid > Comunidad de Madrid > Madrid
KNORR-BREMSE SYSTEME FUR SCHIENENFAHRZEUGE GMBH

Germany
Net EU contribution
€ 215 061,81
Address
Moosacher strasse 80
80809 Munchen
Region
Bayern > Oberbayern > München, Kreisfreie Stadt
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

KONTRON TRANSPORTATION GmbH

Austria
Net EU contribution
€ 5 924,00
Address
Lehrbachgasse 11
1120 Wien
Region
Ostösterreich > Wien > Wien

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

THIRD-PARTY

KONTRON TRANSPORTATION DEUTSCHLANDGMBH

Germany
Net EU contribution
€ 19 076,00

Address
Ziegelei 3
88090 Immenstaad am bodensee

Region
Baden-Württemberg > Tübingen > Bodenseekreis

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

MER MEC SPA

Italy
Net EU contribution
€ 106 988,00

Address
Via oberdan 70
70043 Monopoli

Region
Sud > Puglia > Bari

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network

Other funding
€ 0,00

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SIEMENS MOBILITY GMBH
Germany

Net EU contribution
€ 160 453,16

Address
Otto-hahn-ring 6
81379 Munchen

Region
Bayern > Oberbayern > München, Kreisfreie Stadt

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network

Other funding
€ 0,00

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SOCIETE NATIONALE SNCF
France

Net EU contribution
€ 85 822,92

Address
2 place aux etoiles
93200 St denis

Region
Ile-de-France > Ile-de-France > Seine-Saint-Denis

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation | Website | Participation in EU R&I programmes | HORIZON collaboration network

Other funding
€ 0,00

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THIRD-PARTY

SNCF VOYAGEURS

France

Net EU contribution
€ 13 383,25

Address
9 rue jean philippe rameau
93200 Saint-denis

Region
Ile-de-France > Ile-de-France > Seine-Saint-Denis

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation | Participation in EU R&I programmes | HORIZON collaboration network

Other funding
€ 0,00

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GTS DEUTSCHLAND GMBH
Germany

Net EU contribution

€ 222 200,00

Address
Thalesplatz 1
71254 Ditzingen

Region
Baden-Württemberg > Stuttgart > Ludwigsburg

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network

Other funding
€ 0,00

RAILENIUM

France

Net EU contribution

€ 30 000,00

Address
180 rue joseph-louis lagrange technopole transalley
59300 Famars

SME
Yes

Region
Hauts-de-France > Nord-Pas de Calais > Nord

Activity type
Other

Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network

Other funding
€ 0,00
HITACHI RAIL STS SPA

Italy

Net EU contribution
€ 62 216,00

Address
Via mantovani 3/5
16151 Genova

Region
Nord-Ovest > Liguria > Genova

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

EC signature date 30 November 2020
Last update: 23 December 2022

Permalink: https://cordis.europa.eu/project/id/101014984

European Union, 2023