

PROJECT

FR8RAIL III

Smart data-based assets and efficient rail freight operation

Funding: European (Horizon 2020)

Duration: Sep 2019 - Aug 2022

Status: Ongoing

Total project cost: €13,061,601

EU contribution: €5,804,576



Call for proposal: H2020-S2RJU-CFM-2019

[CORDIS RCN : 226906](#)

Objectives:

The objective of the FR8RAIL III project is to further develop technologies which are relevant for the rail freight sector to reach the goal highlighted in the S2R Strategic Master Plan. The work is partly based on results achieved in the previous projects of the AWP 2015/167 (FLL4E, ARCC, FR8RAIL), the AWP 2017 (FR8HUB) and the AWP 2018 (FR8RAIL II) as well as the relevant open calls.

Within the challenges highlighted in the IP5 part of the S2R Master Plan, FR8RAIL III further focuses on improving the freight eco system by addressing various challenges in 6 different field:

- Condition based maintenance
- Real-time Network Management
- Intelligent Video Gate Terminals
- Extended Market Wagon
- Telematics & Electrification
- Freight Loco of the future

Summarizing, FR8RAIL III focuses on various facets of the freight eco system with one goal: overall improvement and increase of competitiveness of the rail freight transport.

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)

Lead Organisation:

Deutsche Bahn Ag

Address:

Postdamer Platz 2
10785 BERLIN
Germany

Organisation Website:

<http://www.deutschebahn.com>

EU Contribution: €2,202,150

Partner Organisations:

Construcciones Y Auxiliar De Ferrocarriles Investigacion Y Desarrollo SI

Address:

JOSE MIGUEL ITURRIOZ 26
20200 BEASAIN
Spain

Organisation Website:

<http://www.caf.net>

EU Contribution: €333,474

Hitachi Rail Sts Spa**Address:**

VIA MANTOVANI 3/5
16151 GENOVA
Italy

Organisation Website:

<http://www.ansaldo-sts.com/it/index.html>

EU Contribution: €167,094

Verband Der Bahnindustrie In Deutschland (Vdb) Ev**Address:**

UNIVERSITATSSTRASSE 2
10117 BERLIN
Germany

Organisation Website:

<http://www.bahnindustrie.info>

EU Contribution: €9,800

Contraffiff Gmbh**Address:**

HAESLERSTRASSE 20
14050 BERLIN
Germany

EU Contribution: €292,010

Trafikverket**Address:**

RodaVagen 1
781 89 BORLANGE
Sweden

Organisation Website:

<http://www.trafikverket.se>

EU Contribution: €1,028,342

Ac2T Research Gmbh**Address:**

VIKTOR KAPLAN STRASSE 2
2700 WIENER NEUSTADT
Austria

Organisation Website:

<http://www.ac2t.at>

EU Contribution: €150,207

Faiveley Transport Witten Gmbh

Address:

BRAUCKSTRASSE 26
58454 WITTEN
Germany

EU Contribution: €93,621

Deutsches Zentrum Fr Luft Und Raumfahrt E.v

Address:

Linder Hoehe
51147 KOELN
Germany

Organisation Website:

<http://www.dlr.de>

EU Contribution: €163,155

Virtual Vehicle Research Gmbh

Address:

INFFELDGASSE 21 A
8010 GRAZ
Austria

Organisation Website:

<http://www.v2c2.at>

EU Contribution: €23,000

Indra

Address:

Avenida de Bruselas, 35
Alcobendas Madrid
Spain

Organisation Website:

<http://www.indra.es>

EU Contribution: €294,000

Avl List Gmbh

Address:

Hans-List-Platz
8020 Graz
Austria

Organisation Website:

<http://www.avl.com>

EU Contribution: €307,823

Bombardier Transportation Gmbh

Address:

EICHHORNSTRASSE 3
10785 BERLIN
Germany

Organisation Website:

<http://www.bombardier.de/en/transportation>

EU Contribution: €551,071

Asociacion Centro Tecnologico Ceit

Address:

PASEO MANUEL DE LARDIZABAL 15
20018 SAN SEBASTIAN
Spain

Organisation Website:

<http://www.ceit.es>

EU Contribution: €188,828

Technologies:

Freight transport technologies
Freight transport action plan

Development phase: Research/Invention

STRIA Roadmaps: Network and traffic management systems

Transport mode: Rail transport

Transport sectors: Freight transport

Societal/Economic issues, Deployment planning/Financing/Market roll-

Transport policies: out

Geo-spatial type: Other