



TER4RAIL
Transversal Exploratory
Research Activities for Railway



SOCIETAL CHALLENGES – TRANSPORT – RAILWAY PROJECTS (1/5)

Year	Acronym	Title	Web
2014	FOX	Forever Open infrastructure across (X) all transport modes	Cordis / Web
2014	REFINET	REthinking Future Infrastructure NETworks	Cordis / Web
2014	SETRIS	Strengthening European Transport Research and Innovation Strategies	Cordis / Web
2014	USE-IT	Users, Safety, security and Energy In Transport Infrastructure	Cordis / Web
2014	BONVOYAGE	From Bilbao to Oslo, intermodal mobility solutions and interfaces for people and goods, supported by an innovative communication network	Cordis / Web
2014	DESTinationRAIL	Decision Support Tool for Rail Infrastructure Managers	Cordis / Web



Elaborated by TER4RAIL Project (G.A. #826055). More info: www.ter4rail.eu



SOCIETAL CHALLENGES - SMART, GREEN AND INTEGRATED TRANSPORT:

<https://ec.europa.eu/programmes/horizon2020/en/h2020-section/smart-green-and-integrated-transport>



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SOCIETAL CHALLENGES – TRANSPORT – RAILWAY PROJECTS (2/5)

Year	Acronym	Title	Web
2014	ETC	The European Travellers Club: Account-Based Travelling across the European Union	Cordis / Web
2014	EuTravel	Optimodal European Travel Ecosystem	Cordis / Web
2014	HERMES	DEVELOPMENT OF SMART AND FLEXIBLE FREIGHT WAGONS AND FACILITIES FOR IMPROVED TRANSPORT OF GRANULAR MULTIMATERIALS	Cordis / Web
2014	IN2RAIL	Innovative Intelligent Rail	Cordis / Web
2014	INFRALEERT	LINEAR INFRASTRUCTURE EFFICIENCY IMPROVEMENT BY AUTOMATED LEARNING AND OPTIMISED PREDICTIVE MAINTENANCE TECHNIQUES	Cordis / Web
2014	IT2RAIL	INFORMATION TECHNOLOGIES FOR SHIFT TO RAIL	Cordis / Web

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SOCIETAL CHALLENGES – TRANSPORT – RAILWAY PROJECTS (3/5)

Year	Acronym	Title	Web
2014	MASAI	MOBILITY BASED ON AGGREGATION OF SERVICES AND APPLICATIONS INTEGRATION	Cordis / Web
2014	NeTIRail-INFRA	Needs Tailored Interoperable Railway	Cordis / Web
2014	ROLL2RAIL	NEW DEPENDABLE ROLLING STOCK FOR A MORE SUSTAINABLE, INTELLIGENT AND COMFORTABLE RAIL TRANSPORT IN EUROPE	Cordis / Web
2014	SENSKIN	'SENSing SKIN' for Monitoring-Based Maintenance of the Transport Infrastructure	Cordis / Web
2014	Smart-Rail	Smart Supply Chain Oriented Rail Freight Services – Smart-Rail	Cordis / Web
2014	WRIST	Innovative Welding Processes for New Rail Infrastructures	Cordis / Web



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SOCIETAL CHALLENGES – TRANSPORT – RAILWAY PROJECTS (4/5)

Year	Acronym	Title	Web
2015	INTERMODEL EU	Simulation using Building Information Modeling Methodology of Multimodal, Multipurpose and Multiproduct Freight Railway Terminals Infrastructures	Cordis / Web
2015	RAGTIME	Risk based approaches for Asset integrity multimodal Transport Infrastructure Management	Cordis / Web
2016	SCORE	Score board of competitiveness of European transport manufacturing industries	Cordis / Web
2016	SAFE-10-T	Safety of Transport Infrastructure on the TEN-T Network	Cordis / Web
2016	SAFER-LC	SAFER Level Crossing by integrating and optimizing road-rail infrastructure management and design	Cordis / Web
2016	SKILLFUL	Skills and competences development of future transportation professionals at all levels	Cordis / Web



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SOCIETAL CHALLENGES – TRANSPORT – RAILWAY PROJECTS (5/5)

Year	Acronym	Title	Web
2016	LessThanWagon Load	Development of 'Less than Wagon Load' transport solutions in the Antwerp Chemical cluster	Cordis / Web
2017	FORESEE	Future proofing strategies FOr RESilient transport networks against Extreme Events	Cordis / Web
2018	DIAMOND	Revealing fair and actionable knowledge from data to support women's inclusion in transport systems	Cordis / Web

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H2020 RAIL PROJECTS

Funding Programmes / Calls included:

- Shift2Rail *Call for Members: 27 projects; Open Calls: 36 projects*
- Horizon2020 – Societal Challenges
 - ✓ Smart, green and integrated transport *27 projects*
 - ✓ Secure societies - protecting freedom and security of Europe and its citizens *4 projects*
 - ✓ Secure, clean and efficient energy *1 project*
- Excellent Science – Marie Skłodowska-Curie Actions *9 projects*
- Applications in Satellite navigation *5 projects*
- Industrial Leadership *7 projects*
- SME Instrument *55 projects: 38 Phase I; 17 Phase II*
- Fast Track to Innovation *5 projects*
- 5G PPP *1 projects*
- ECSEL *2 projects*

179 rail projects
identified!



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This information has been identified by **TER4RAIL - WP1 – Rail Innovative Research Observatory**. It presents information compiled by 29/03/2019.

Full information on projects, latest news and updated information available at: www.ter4rail.eu

Is your project not in the list?

Has this information been useful?

Any suggestion?

→ Let us know! aherranz@ffe.es / eprieto@ffe.es

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