



Fundación de los
FERROCARRILES
Españoles

Sociology Group of Transport
Subdirectorato of Strategy,
Innovation and Training

RAILWAY ROAD SAFETY RESEARCH LINE





SPANISH RAILWAYS FOUNDATION-FUNDACION DE LOS FERROCARRILES ESPAÑOLES (FFE)

The Spanish Railways Foundation [FFE] was established in 1985. It is a state-owned public foundation that brings together the most important companies in the Spanish public railway sector on its Board of Trustees. It is responsible for the recovery, custody, generation and dissemination of the historical, cultural, scientific and technological railway heritage, with the objective of sectoral collaboration





FFE ACTIVITIES

Organize courses, seminars, meetings and other training or educational activities related to the railway system or its subsystems. Perform research and studies, especially in areas such as railway operations, geography and traffic railway, energy consumption and emissions.

Manage Madrid and Catalonia Railway Museums. Developing the identification, protection and dissemination plan of historical and cultural railway heritage.

The preserving and enriching the funds of the Historical Archives of the Spanish Railways and the Newspaper Library, making it accessible to the public.

Maintain and enhance the railway museum funds and promote public display.



SPANISH RAILWAYS TECHNOLOGICAL PLATFORM (PTFE)

The Spanish Railways Technological Platform [PTFE] is an industry-led tool at the service of the railways sector, set up to define a long-term vision and the Strategic Research Agenda to achieve the scientific and technological advances required to ensure the competitiveness, sustainability and growth in the Spanish railway sector. Its mission is to align the strategies of the various agents, concentrate R & D and innovation efforts, and reduce the fragmentation of research fields.



The PTFE takes part in the European Rail Research Advisory Council [ERRAC], and it aims to strengthen the position of the Spanish railway industry in Europe.

The PTFE has 437 members, of which 69% are companies, 4% railway managers and operators, 8% universities, 11% research and technology centres, 2% public administrations, and 5% foundations and associations.

<https://www.ptferroviaria.es/>



RESEARCH ACTIVITIES AND SECTORAL PROMOTION OF R&D&Y

The FFE carries out research through its Study and Research Groups. These groups are specialists in subjects in which they can provide differential advantages and with a leadership vocation in each of them.

Along with its research activity, the FFE carries out actions to promote the sector. The Spanish Railway Technology Platform [PTFE] carries out the sectoral promotion of R & D & I.

On the other hand, the FFE develop activities to promote the sector through technical support to the Group of Experts of Railway Operators [GEOF], as well as organizing, coordinating and developing different events, paying attention to scientific and technology dissemination on railways, among other actions.

<https://ffe.es/investigacion/>





SOCIOLOGY GROUP OF TRANSPORT

The Sociology Group of Transport belongs to the Subdirectorate of Strategy, Innovation and Training. Since 2007, it has been developing national and international research and studies on different social aspects of railway transport.

The multidisciplinary team that makes up the Group approaches research from a holistic point of view.

The Group members are experts in quantitative and qualitative research techniques and railway transport.

<https://ffe.es/investigacion/sociologia-del-transporte.asp>



Lines of research:

- Prevention, Awareness and Education in Railway Road Safety.
- Gender equality in Rail.
- Ageing and railway transport.
- Social change and social challenges in railway transport.
- Social inclusion and railway.
- Dissemination of scientific-technological innovation of the railway.
- Girls and young people. Talent on the railway. STEAM and Professional Training.

SAFETY IN RAILWAYS ENVIRONMENTS

These projects' research aims to raise awareness and inform about the risks of unauthorized access in railway environments.



PROGRAMA DE PREVENCIÓN Y EDUCACIÓN SOBRE SEGURIDAD EN ENTORNOS FERROVIARIOS

The aim is to define education and awareness strategies that promote safe attitudes and behaviours among the population to reduce the incidence of collision accidents resulting from unauthorized access to railway properties.

Ignacio H. de Larramendi Research Grant [Fundación Mapfre].

<https://www.fundacionmapfre.org>

RESTRAIL: REDUCTION OF SUICIDES AND TRESPASSES ON RAILWAY PROPERTY

The final outcome is a toolkit accessible through a user friendly interface [for consultation and continuous update] in order to support the decision-makers in taking practical steps to reduce suicides and trespasses and to mitigate the consequences once an event occurs.

RESTRAIL is a research project in the Seventh Framework Programme for Research and Technological Development [FP7-SST-2011-RTD1].

<https://www.restrail.eu>



#YO CRUZO SEGURO

The project designs, implements and evaluates an awareness and education program in the railway environment.

Railway Infrastructure Manager Project.



PROGRAMA SOBRE MOVILIDAD SEGURA EN ENTORNOS FERROVIARIOS

Safe mobility in railway environments programm.



GUÍAS CRUZAR LAS VÍAS

The purpose of these informative documents on safety in railways spaces is to positively influence the behaviours and habits of society through awareness and education.

The guides are aimed at different age groups.

Railway Safety Agency Project.



<https://www.seguridadferroviaria.es/normativa/material-divulgativo>



SAFETY IN LEVEL CROSSINGS

These research projects focus on raising awareness and informing about the risks at level crossings to reduce accidents at these points.

PAXANDO A NIVEL, ACERCANDO AL SEGURIDAD EN LOS PASOS A NIVEL A LA CIUDADANÍA



The project's main objective is to contribute to the goal of zero accidents and traffic victims through information and awareness about the risks at level crossings.

PaXando a Nivel is a research project of the Third Call for Aid to Social Initiatives of OFESAUTO.

<https://ffe.es/Paxandoanivel/>



SAFER-LC: SAFER LEVEL CROSSING BY INTEGRATING AND OPTIMIZING ROAD-RAIL INFRASTRUCTURE MANAGEMENT AND DESIGN.



SAFER-LC aims to improve safety and minimize risk by developing a fully integrated cross-modal set of innovative solutions and tools for the proactive management and design of level-crossing.

SAFER-LC is an European Commission Project [H2020 programme].

<https://safer-lc.eu/>



GUÍA SOBRE CÓMO CRUZAR LAS VÍAS CON SEGURIDAD

The main of this document is to disseminate information about the safe use of level crossings and track crossings between platforms at stations. It collects detailed information on the operation of level crossings and crossings between platforms from a technical point of view and their regulation. Railway Safety Agency Project.



<https://www.seguridadferroviaria.es/normativa/material-divulgativo>



INTERNATIONAL LEVEL CROSSING AWARENESS DAY (ILCAD)

The ILCAD is a worldwide initiative to improve awareness of level crossing safety. The campaign has been spearheaded by the UIC, the worldwide railway organisation with the support of the railway community around the world.



Within the framework of this initiative, the FFE carries out different awareness and education actions.

<https://ilcad.org/>





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