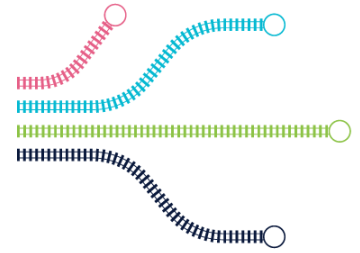


PhDs EU-Rail



Successful Kickoff Meeting for the PhDs EU-Rail Project in Málaga

Málaga, Spain – **The PhDs EU-Rail project** marked the beginning of an ambitious research and innovation initiative with a successful kick-off meeting held from October 8 to 9, 2024, at the University of Málaga's School of Industrial Engineering. Coordinated by Armando Carrillo Zanuy (EURNEX) and chaired by Isabel Ruiz-Mora, Juan Jesus Castillo and Sergio Postigo (UMA), this pivotal event brought together 20 representatives from all partner institutions.

The PhDs EU-Rail project, under the Horizon Europe framework funded by Europe's Rail Joint Undertaking (EU-Rail), aims to consolidate academic and industry collaboration in the railway sector through the work of 10 PhDs. These projects will contribute to advancing innovation and sustainability in rail transport, aligning closely with the objectives of EU-Rail to support railway engineering, decarbonisation, gender equality, education, economics/impacts and inclusive rail solutions among others.

The 3-year-long project is organised into 5 structured Work Packages to ensure comprehensive research coverage and strategic coordination. Apart of the PhDs themselves, a key goal is to produce valuable tutorials and documents that will aid current and future PhD students interested in railway domain, fostering effective collaboration with industry partners and enhancing real-world applicability.

PhD Research Focus Areas

The kick-off event featured presentations on individual PhD research projects, each addressing critical topics within railway innovation:

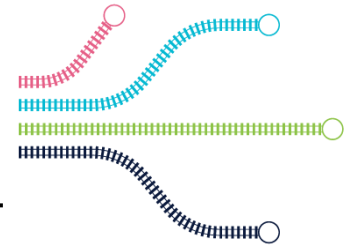
- PhD1 Measures and mechanisms to support implementation of rail technical innovations supporting the decarbonisation of transport (VGTU/KYIV).
- PhD2 Change making for gender equality in rail (UMA/UIC).
- PhD3 New generation education and training methods for rail (ASTON).
- PhD4 Rail enabled urban logistics (PARDU).
- PhD5 Fast night train operations (ZAGREB).
- PhD6 Dynamic stability of trains over bridges: a normative research approach (UPORTO).
- PhD7 Safety-relevant communication in the railway system with special consideration of human factors using the example of the digital command (TUB).
- PhD8 Assessing the economic impact of rail technical research: delivering societal objectives in the face of external challenges (LEEDS).
- PhD9 Railway inclusion and accessibility for individuals with intellectual disabilities (LILLE).
- PhD10 ICT platforms for reliable and interoperable ERTMS systems (SSSA).

The Project is supported by the Europe's Rail and it's members.



Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or Europe's Rail Joint Undertaking. Neither the European Union nor the granting authority can be held responsible for them.

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Partner Institutions

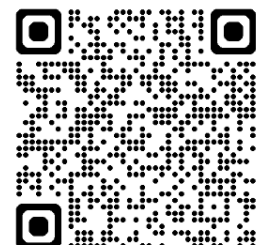
The project boasts a diverse consortium of partners, including:

- EURNEX e. V. (Germany)
- DERGAVNIS UNIVERSITET INFRASTRUKTURI TA TECHNOLOGIS (KYIV, Ukraine)
- Scuola Superiore di Studi Universitari e di Perfezionamento S. Anna (SSSA, Italy)
- Sveuciliste u Zagrebu Fakultet Prometnih Znanosti (ZAGREB, Croatia)
- Technische Universität Berlin (TUB, Germany)
- Union Internationale des Chemins de Fer (UIC, France)
- Universidad de Málaga (UMA, Spain)
- Universidade do Porto (UPORTO, Portugal)
- Università degli Studi di Roma La Sapienza (ROM, Italy)
- Université de Lille (LILLE, France)
- Univerzita Pardubice (PARDU, Czechia)
- Vilniaus Gedimino Technikos Universitetas (VGTU, Lithuania)
- Aston University, (ASTON, UK)
- University of Leeds (LEEDS, UK)
- Scuola Universitaria Professionale della Svizzera Italiana, (SUPSI, Switzerland)

With the groundwork laid during this kick-off meeting, the PhDs EU-Rail project is set to drive forward with its agenda to enhance the European railway sector. Next steps include finalising PhD appointments by November 2024.

For further information on the PhDs EU-Rail project, please reach out to Armando Carrillo Zanuy.

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Project name: PhDs EU-Rail
Extending the Rail Network of PhDs in Europe's Rail Joint Undertaking.
Project duration: 36 Months
Partners: 15

www.phdseu-rail.eu