Relation to the European Railway Sector

The main objective of TER4RAIL is to reinforce the cooperation between rail-related stakeholders to improve the efficiency of the consensual exploratory research in the rail sector, in order to facilitate emerging innovative ideas and the cross-fertilisation of knowledge from other disciplines.

To support this aim, cooperation with the ERRAC European Technology Platform (https://errac.org) and with the Shift2Rail Joint Undertaking (https://shift2rail.org) is extremely important. For this reason, the participants of the Consortium form the central stakeholders of ERRAC and are deeply engaged in ERRAC and Shift2Rail activities.

Project organisation

TER4RAIL is being developed through five work packages (WPs); the diagram presented below represents a first contact point with the methodology developed for this project.

- **WP1: Rail Innovative Research Observatory**
  - FUNDACIÓN DE LOS FERROCARRILES ESPAÑOLES (FFE)

- **WP2: Roadmaps**
  - NEWCASTLE UNIVERSITY

- **WP3: Arguments supporting rail**
  - NEW OPERA

- **WP4: Dissemination, exploitation and knowledge transfer**
  - INTERNATIONAL UNION OF RAILWAYS (UIC)

- **WP5: Coordination and management**
  - EURNEX e.V.

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The TER4RAIL project intends to promote knowledge and information transfer between rail stakeholders as well as the incorporation of innovative ideas from other disciplines. To achieve that, a four-pillar plan has been outlined.

**TER4RAIL Key outputs**

The work of TER4RAIL is organised as follows:

- TER4RAIL identifies and monitors new opportunities for innovative research and facilitates the cross-fertilisation of knowledge from other disciplines, at what is referred to as the Rail Innovative Research Observatory.
- TER4RAIL determines and assesses the existing roadmaps that drive the future of railways and compares them with the interpretations obtained from the observatory.
- TER4RAIL considers railways as the backbone of future European mobility and will therefore raise arguments (using data analysis and statistical reporting) to support this statement.
- TER4RAIL selects and synthesises a considerable amount of information regarding railways’ futures and transmits them to the transport sector in a consolidated, clear, and understandable manner.