



## Cluster A - Transversal Activities



Welcome to the FP3-IAM4Rail Project!

We would like to invite you to know more about Cluster A of the FP3-IAM4Rail project, a crucial part of Europe's Rail Joint Undertaking initiative. Cluster A focuses on the transversal activities that unify and optimise the project's general objectives. This cluster includes three essential work packages (WPs):

- Work Package 1 (WP1): Project Coordination.
- Work Package 2 (WP2): System Vision, Architecture and Validation.
- Work Package 20 (WP20): Dissemination, Communication and Exploitation Activities.

Let's explore how each of these components contributes to the success of the FP3-IAM4Rail project.

### WP1: Project Coordination

Effective project coordination is the backbone of any successful initiative. WP1 manages and integrates all project activities within Cluster A. Key tasks include overseeing the project to ensure it meets its goals, stays on schedule, and within budget. Collaboration is also crucial, promoting synergy among various stakeholders, including researchers, industry partners and governmental bodies. Additionally, efficient resource management plays a significant role in maximising the impact of the project. Finally, quality assurance is implemented through rigorous monitoring and evaluation mechanisms to maintain high standards across all project activities.

### WP2: System Vision, Architecture and Validation

WP2 is dedicated to creating a unified system vision and architecture for a harmonised approach to assets in the railway system to help create the SERA (Single European Railway Area) dedicated perspective, while ensuring that all components are thoroughly validated. This work package plays a crucial role in defining the technical and operational plan of the FP3-IAM4Rail project. Key tasks include developing a vision aligned with Europe's rail transport goals and designing a flexible system architecture that can adapt to future advancements. Validation protocols are established to ensure all components meet the highest standards of reliability and performance through rigorous testing and validation.



Kick-off meeting of the FP3-IAM4Rail project in Málaga, Spain.

## WP20: Dissemination, Communication and Exploitation Activities

For the FP3-IAM4Rail project to achieve its full potential, effective dissemination, communication and exploitation of its findings are critical. WP20 focuses on these areas to ensure the project's impact is both far-reaching and enduring. Key activities include stakeholder engagement, which involves engaging with a broad range of stakeholders through targeted communication strategies to share insights and gather feedback. The project's goals, progress and outcomes are shared with the public through media channels and events. Knowledge transfer is facilitated to industry and academia and the focus is on innovation. Exploitation strategies are developed to ensure long-term benefits and sustainability by exploiting project results commercially and societally.



Part of the FP3-IAM4Rail Team in Amersfoort, The Netherlands.



## Recent Achievements

The delivery of an initial report on Technical/Impact KPIs (Key Performance Indicator) with a model development, baseline and expected contribution (credible pathway to be developed) to the expected impacts of the FP3-IAM4Rail project and a first consolidated version of the architecture requirements inputs in the project coming from the Europe's Rail JU System Pillar have been so far, the most outstanding coordination and architecture elements produced.

It is also worth mentioning that the use cases within FP3-IAMRail in terms of innovation and business are available in a public deliverable. These have been defined and elaborated by work package (WP), with a definition linking to socio-economic objectives, business assessment and innovation defining how the proposed developments go beyond the state of the art. Specific KPIs, innovation management and synergies/risk of duplication of work have been addressed, including definition of demonstrators and TRL level achieved and, where appropriate, agreements reached with other FPs (Flagship Projects) on specific work packages.

Some more significant milestones were reached within the project as the team successfully completed the initial design phase, leading to subsequent development and integration activities. Successful stakeholder workshops were held with key stakeholders, providing valuable feedback that will shape future project directions. The project's outreach efforts have gained significant traction, with several mentions in industry publications and media, increasing its media presence.



Smart sleeper prototype

## Upcoming Events

The mid-term event is scheduled for late November and will bring together all project partners to review progress and plan future activities.



Stay connected with the FP3-IAM4Rail project through our social media channels and website. Your participation and feedback are invaluable as we work together to revolutionise Europe's rail transport system:

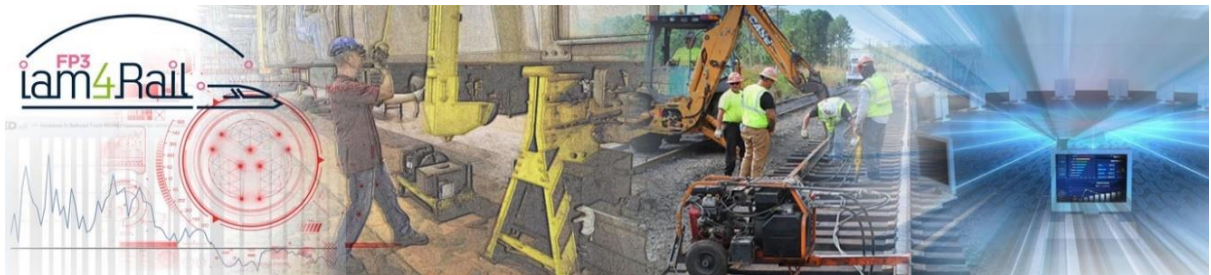
- **Website:** <https://projects.rail-research.europa.eu/eurail-fp3/>
- **LinkedIn:** #IAM4RAIL
- **X/Twitter:** @EURail\_JU

Thank you for being a part of our journey towards a more integrated and efficient rail system in Europe. Together, we are improving innovation and shaping the future of rail transport.

FP3-IAM4Rail Project Team.



Founding Members



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