



## TECHNICAL MANAGEMENT TEAM AND STEERING COMMITTEE MEETING + VISIT TO THE DELFT TECHNOLOGICAL UNIVERSITY



### Highlights from the Recent TMT and SC Meetings and Delft Technological University Visit

From May 28th to May 30th, 2024, key events for the ERJU's FP3-IAM4Rail project took place in the Netherlands. The Technical Management Team (TMT) and Steering Committee (SC) meetings were held in Amersfoort Railcenter on the 28th and 29th, followed by a visit to Delft Technological University on the 30th. These events were crucial for evaluating project progress, addressing current challenges, and outlining the future steps, especially for Use Cases development and validation involving rail integrated and intelligent asset management.

### Key Meetings and Discussions

The TMT meeting focused on different aspects, such as:

- Reviewing technical advancements and milestones achieved in the project.
- Addressing technical challenges and developing strategies for solutions.
- Establishing state of play for Use Cases included in the project and its reporting.
- Summarised presentations from different teams on the progress of their respective Clusters and work packages.
- Enhancing collaboration among technical teams to streamline efforts across various work packages.



FP3-IAM4Rail team.



The SC meeting included:

- Discussions on budget allocations and resource management to ensure optimal project execution.
- Strategic planning for upcoming phases and decision-making processes to guide the project forward.
- Communication and dissemination aspects to consider during the life of the project.

### Visit to Delft Technological University – May 30, 2024, in Delft

To conclude the TMT and SC sessions, some participants visited the Delft Technological University. This visit provided the opportunity to observe cutting-edge research and development activities at the university. The visitors were able to thoroughly explore the activities carried out at the university, as well as the various fields of study and areas of specialisation, including wheel-rail contact, mechanics, structural design and geotechnics to which the institution is dedicated. In addition, they learned from the very informative and interesting presentations that took place during their visit to Delft. Finally, the relationships between academia and the project team were strengthened, promoting innovation and practical application.



Part of FP3-IAM4Rail team into TU Delft facilities.

### Progress of ERJU's FP3-IAM4Rail Project

During these meetings, significant progress of the FP3-IAM4Rail project was highlighted, including:

- Completion of initial research phases and successful pilot tests for various Uses Cases included in the integrated demonstrators.
- Implementation of innovative solutions to enhance rail infrastructure and rolling stock maintenance. Positive feedback from stakeholders on the project's direction and its potential impact on the rail industry and overall system.
- Preparations for InnoTrans 2024 first showcase of FP3-IAM4Rail outcomes.



### Next Steps

Looking forward, the project will focus on implementing demonstrators across different Clusters, improving data analytics, predictive maintenance and interventions capabilities to boost efficiency and cost-savings for rail assets, strengthening partnerships with academic institutions and industry stakeholders to drive further innovation, development and later market uptake. Advisory Board involvement in FP3 will be increased to foster communication and dissemination, including preparations for InnoTrans2024 and the project mid-term event.

### Conclusion

The recent TMT and SC meetings, along with the visit to Delft Technological University, have laid a strong foundation for the future phases of the FP3-IAM4Rail project. The collaborative efforts and strategic planning discussed during these events ensure that the project is on track to achieve its ambitious goals.

We want to thank all the participants in these meetings for their time and inputs in moving the project forward with the success they are achieving. Special kudos to NS, ProRail and TUDelft and the involvement of their representatives hosting the sessions in their premises.



Test train for infrastructure monitoring at TU Delft.



Founding Members



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