POSTER SESSION

Tardivo Alessio et al.

Effectiveness of EU-funded R&I programmes from the perspective of the European railway sector stakeholders

METHODOLOGY

The study developed a three-steps methodology.

- After gathering the stakeholders, their requirements concerning the European railway system are collected and weighted.
- A structured overview of the expected Research & Innovation objectives is composed to compare the stakeholders’ requirements analysis with the benefits that R&I activities are expected to yield.
- The results from the previous steps are merged contrasting the stakeholders’ requirements and the technological concepts identified within Europe’s Rail Joint Undertaking Master Plan and Multi Annual Working Programme.

Each step is characterized by a rating matrix, allowing the results to be interoperable and comparable.

The three steps of Ben@Rail methodology

RESULTS OF TOP-DOWN ANALYSIS

It emerges that Europe’s Rail focus on Sustainable and green railroad system, Network and mobility management and Intelligent and integrated asset management can bring about the greatest fulfilment of the stakeholder requirements. However, it also reveals gaps and discrepancies between implementation of the concepts and the requirements of the stakeholders.

End-users, main target group of the EU Railway System, occupy only middle positions in the analyses, indicating the need for more direct efforts to make the rail system affordable and highly reliable.

This project has received funding from the Shift2Rail Joint Undertaking under the European Union’s Horizon 2020 research and innovation programme under grant agreement no. 101046258 (Ben@Rail). The information in this document is provided “as is”, and no guarantee or warranty is given that the is fit for any particular purpose. The content of this deliverable does not reflect information/official opinion of the Shift2Rail Joint Undertaking (S2R JU). Responsibility for the information and views expressed therein lies entirely with the author(s). The users use the information at their sole risk and liability.