



Workshops on “Enhancing Data Interoperability in the Railway Sector”

21 September 2022, 13:45 – 2nd Workshop: Common Roadmap on Reference Data

Hybrid Event, Livestream of a meeting at InnoTrans in Berlin

Current European railway regulatory framework defines and enforces the rail sector business to government (B2G) data exchange and defines and enforces the minimum necessary B2B data exchange between railway actors to facilitate rail operation, interoperability and safety to build the Single European Railway Area (SERA). B2G data assets detail the railway infrastructure, rolling stock and include reference data assets linked to location, organisation codes and multiple rail taxonomies. These information assets (reference data) are crucial enablers to facilitate data interoperability in the sector.

In the last few years, different initiatives and projects have been launched to promote data exchange between the different stakeholders, to facilitate data interoperability and to avoid overlap (European Union Agency for Railways interoperable data project – for the register of infrastructure (RINF), and the European Register of Authorised Types of Vehicles (ERATV) - and the publication of a core vocabulary machine readable based on current legislation, Rail Facilities Portal, RNE Big Data, ELETA, Digital Train projects for example).

Based on this experience, the European Union Agency for Railways (ERA) and RailNetEurope (RNE) have taken the initiative to organise two workshops to explore, together with the sector, the lessons learnt, the challenges and the opportunities for enhancing the efficiency in the management of reference data – registers - and rail data spaces.

The first workshop took place on 26 October 2021 as an online event. More than 150 participants saw a lively discussion among the panellists with active engagement from the audience. This input has been well received by the hosts as well as the European Commission. In the second workshop they would like to present a joint way forward to reach the goal of a single European data space for rail operations data for the benefit of the customers and the entire sector.

13:45 Part I: INTRODUCTION

Kristian Schmidt, European Commission DG MOVE

- Keynote

Hinne Groot, Dutch Ministry of Infrastructure and Water Management

Harald Reisinger, RailNetEurope (RNE)

Christopher Carr, European Union Agency for Railways (ERA)

- *Recap of the first workshop (26 October 2021)*
<https://rne.eu/news/workshop-on-enhancing-data-interoperability-in-the-railway-sector/>
- *Goals of this workshop*

14:00 Part II: REQUIREMENTS AND NEEDS OF THE CUSTOMERS

Ralf-Charley Schultze, International Union for Road-Rail Combined Transport (UIRR)

- *What data is needed?*
- *How can the data be accessed?*

14:15 Part III.A: DATA SUPPORTING RAILWAY OPERATIONS

Enno Wiebe, Community of European Railway and Infrastructure Companies (CER)

Tibo Noel, International Union of Railways (UIC)

Cecilia Dagerholm, XRail

Marina Aguado, European Union Agency for Railways (ERA)

- *DP-RAIL: a sector initiative to achieve seamless, interoperable data exchange for core rail freight operations*
- *MARS: Mobile Application of Rail Freight services, which is an MVP of DP-RAIL*
- *RINF – Building an EU Single railway infrastructure dataspace*

14:50 Part III.B: CONNECTING RAIL DATA FOR USER INITIATIVES

Thomas Heydenreich, RSRD²

Adam Fronek, RailVIS

Aldo Croci, HUPAC

- *RSRD², the wagon keeper data space*
- *Linking data for better assets availability and maximum utilisation of existing infrastructure*
- *DX Intermodal: a reference data needs and opportunities in combined transport*

15:05 Part IV: THE WAY FORWARD

Christopher Carr, European Union Agency for Railways (ERA)

Harald Reisinger, RailNetEurope (RNE)

Michaela Strohschneider, European Commission, DG MOVE

- *Gap analysis European approach*
- *How can change be managed?*
- *Main elements of a common way forward?*
- *Possible timeline?*

For any questions regarding the event, please contact the European Union Agency for Railways

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