

FIT FOR

REICHT

Data exchange

AFTER PACK CONTENT



This document is a sneak peak into the webinar organized in November 2022, UIC Freight month. Full version is available on UIC Extranet or upon request.

1. RailData – Developing for the future
2. UIC – UIC coding assets
3. UIC – Standardised messages
4. ~~Webinar Q&A resolution~~
5. Useful links
6. UIC contacts



DEVELOPING FOR THE FUTURE

Carel Jonckheere
RailData General Manager

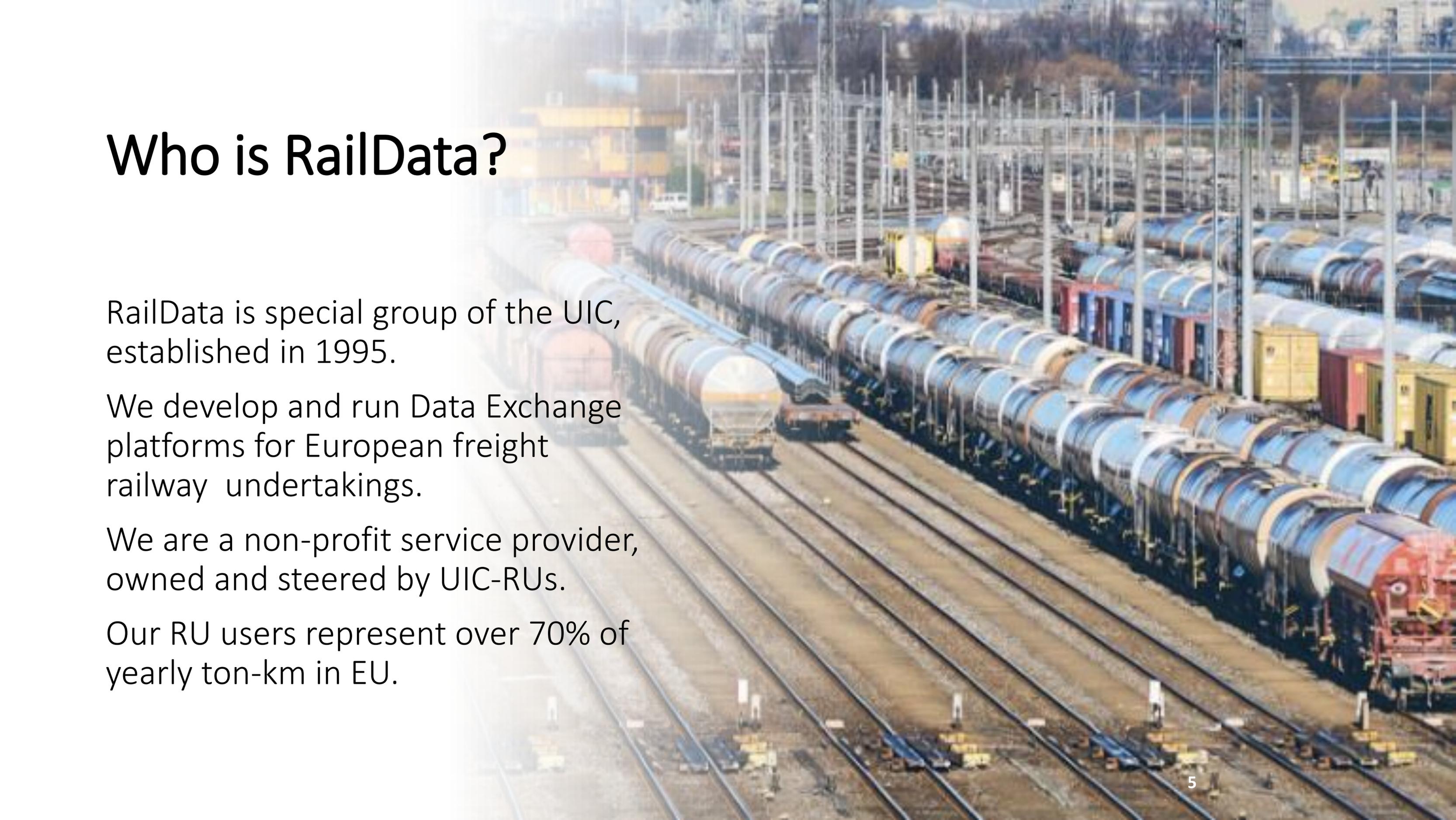
#FITFOR #FREIGHT

#Data exchange



November 2022

Who is RailData?

An aerial photograph of a large freight train yard. The yard is filled with numerous tracks, each lined with freight cars. The cars are in various colors, including blue, red, yellow, and white. In the background, there are tall utility poles and some buildings, suggesting an industrial or urban setting. The overall scene is a busy hub of rail freight operations.

RailData is special group of the UIC, established in 1995.

We develop and run Data Exchange platforms for European freight railway undertakings.

We are a non-profit service provider, owned and steered by UIC-RUs.

Our RU users represent over 70% of yearly ton-km in EU.

Why was RailData established?

- RU's win-win
- Competition & cooperation
- Before TAF TSI
- **...by improving the RU's interoperability**



Mission of Raildata

Enable seamless connection for RUs and the logistic chain:

- Simple
- Standard
- Digital



Products of Raildata

Our tools are the core element for digitalization of international rail transport:

- Exchange of data about wagons position and status
ISR
- Exchange of consignment note data
ORFEUS
- Database of commercial responsible for wagons
CoReDa
- Trains and wagons handover quality management
ATTI



Services of RailData

- Exchange of consignment note data (enabler for ECN): ORFEUS
- Tracking & tracing of wagons (using WSM, Hermes 30): ISR
- Train run information (input from RNE TIS): RTIS
- Connecting partners for first and last mile (using Hermes 30, WSM): WDI, MARS
- Train and wagon handover Quality Management: ATTI
- Wagon performance from RUs to Keepers: ISR mileage
- Wagon responsible data for fleet management: CoReDa
- TAF TSI compliance (ISR since March 2018, ORFEUS in progress)



UIC CODING ASSETS

Parinaz Bazeghi
UIC Senior Freight Advisor

Railway telematics coordination

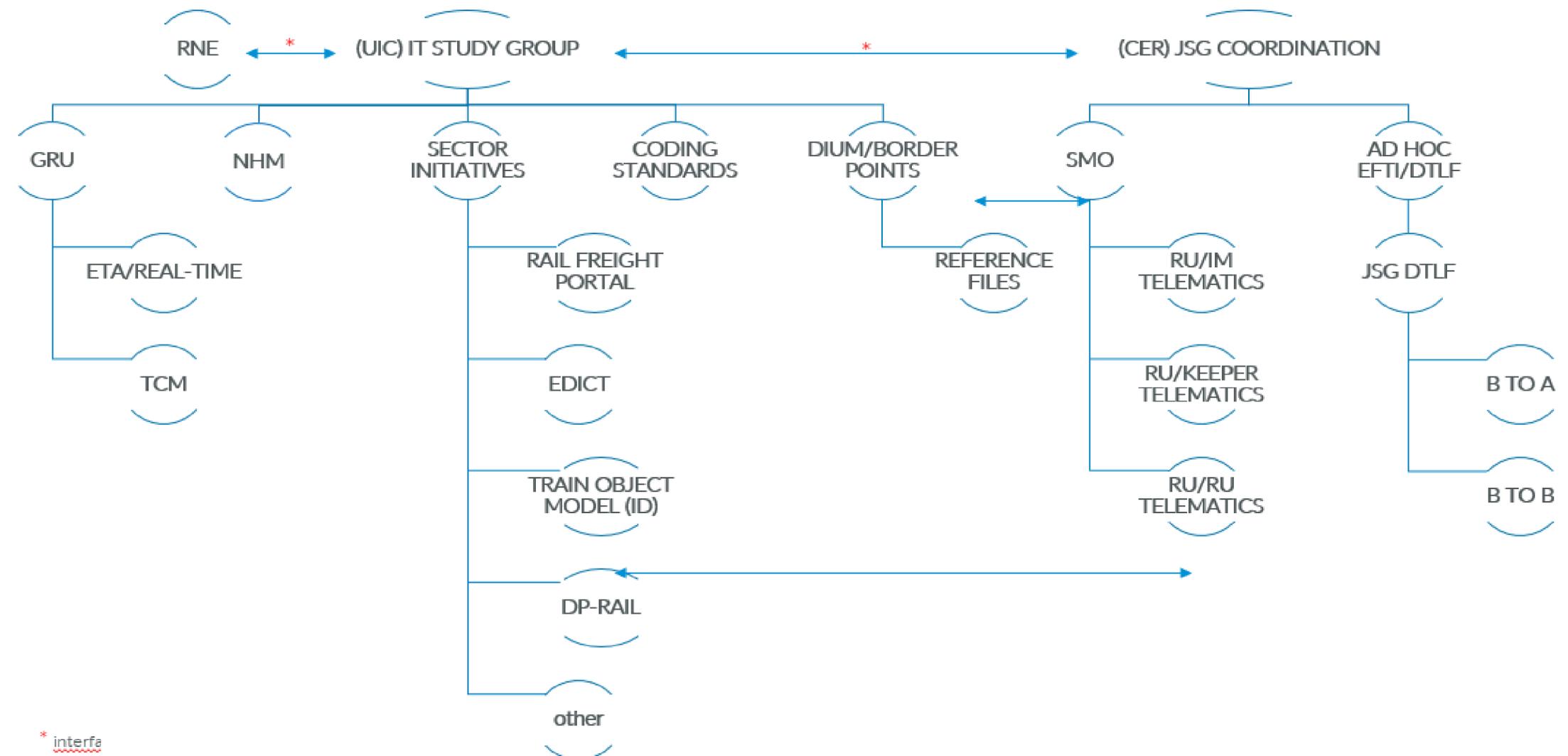
- UIC is a unique platform that provides benchmarks, experience and best practice sharing.
- Digitalisation is key tool to facilitate business growth, reduce future costs and mitigate errors.
- **UIC manages and develops a broad portfolio of transversal digital solutions**, enabling efficient data exchange between supply chain partners.



Railway telematics coordination

- Train operations require data flow services, **UIC leverages & further develops key assets to facilitate efficient data exchange.**
- **UIC IT study group** steers the development of key coding assets.

- Interested to join us?
Reach out to Parinaz
– bazeghi@uic.org





STANDARDIZED MESSAGES

Jürgen Hiller
DB Cargo / UIC IT study group

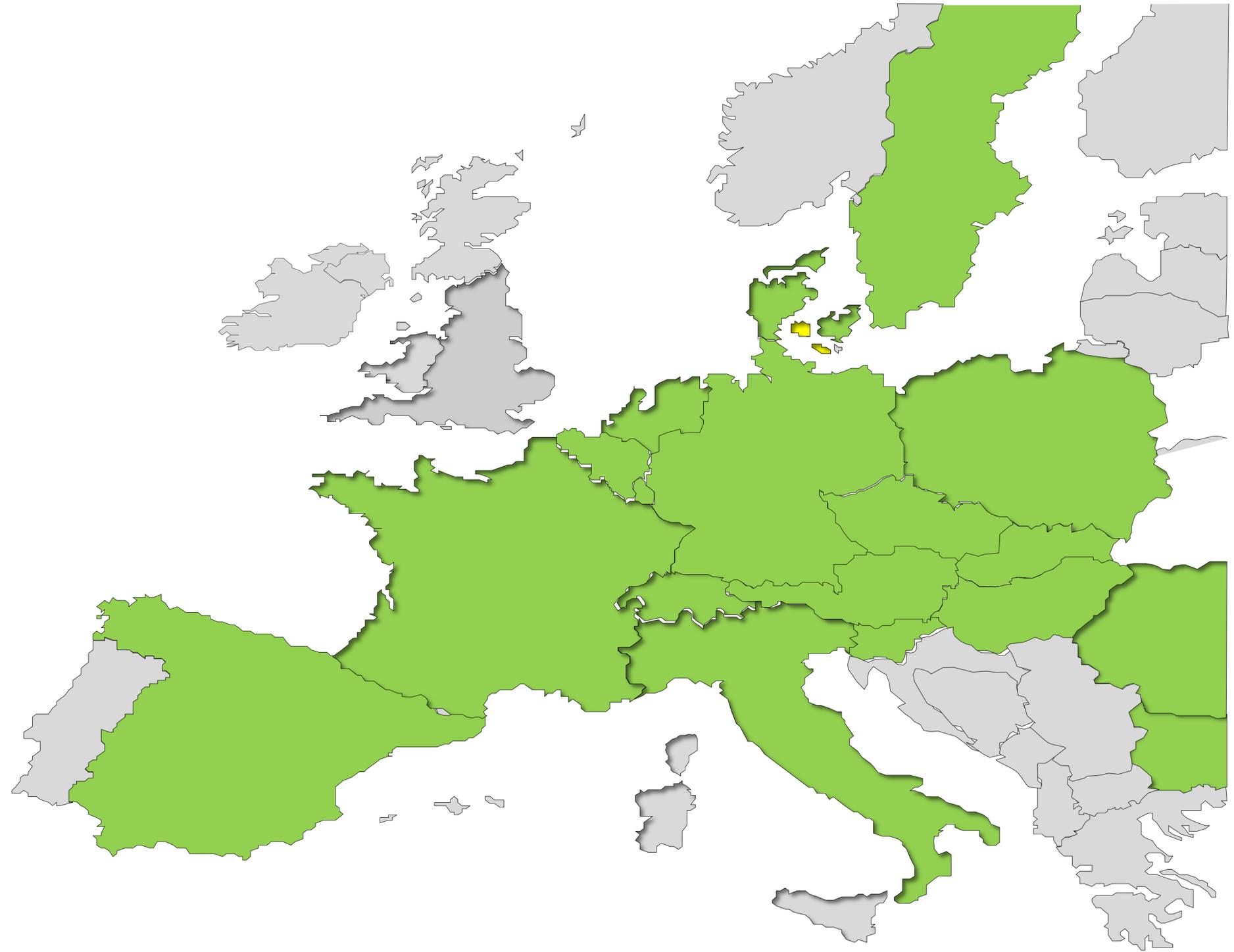
Data Exchange – Train preparation

RU – RU communication

- **HERMES (Handling through European Railways Message Electronic System)**
 - HERMES is the operational communication message for international and interoperable freight traffic.
 - HERMES forms the basis for ensuring that the operational data required for the continuation of the train at the handing-over point from RU to RU does not have to be recorded again.
 - HERMES-data exchange is carried out in accordance with the UIC leaflets / IRS 40404-2 and 90920-13 (coding).

HERMES

Countries with
HERMES using RU



USEFUL LINKS



INTERNATIONAL UNION
OF RAILWAYS

<https://uic.org/freight/seamless-data-exchange/>

<https://www.raildata.coop/>

<https://dp-rail.eu/>

<https://www.railfreightforward.eu/>

GET IN TOUCH WITH US



INTERNATIONAL UNION
OF RAILWAYS

CONTACTS

Parinaz Bazeghi bazeghi@uic.org (for UIC workgroups & coding assets)

Carel Jonckheere jonckheere@uic.org (for RailData)



[Check Fit for Freight podcasts on YouTube](#)

Special thanks to the sponsors of
the UIC Freight month!



Stay in touch with UIC:

www.uic.org



#UICrail

Thank you for your attention.