

**ERESS EMS & Day**  
**27.11.2024**  
**Marin Zwetkow**

HEUTE. FÜR MORGEN. FÜR UNS.

**railpower**  
**box**

# railpower box

- Settlement and Billing in 16 countries
- ~ 3,200 units in 16 countries
- 58 customers all over Europe

CONVINCED COMPANIES ALL OVER EUROPE

## Railway undertakings



## Manufacturers of traction vehicles



## Leasing provider of traction vehicles



## Data Exchange of railpower box in Europe

- Data Exchange with:
  - Austria, Hungary, Romania, Bulgaria, Croatia
- Data Exchange IRS90930 XML:
  - Germany, Belgium, Czech Republic, Denmark, France, Finland, Luxembourg, Netherlands, Norway, Poland, Portugal, Slovenia, Spain, Sweden
- Upcoming: Italy, Slovakia



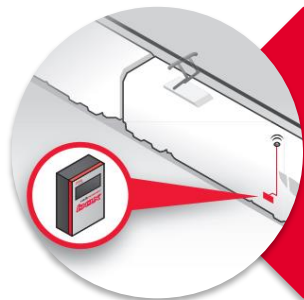
## Current Updates



### Railpower system (RPS) 2.0: live since 1.1.2024

Validation of:

- Trainrun data
- GPS Data for the settlement (Geo – Matching)



railpower box (EMS) evo in development

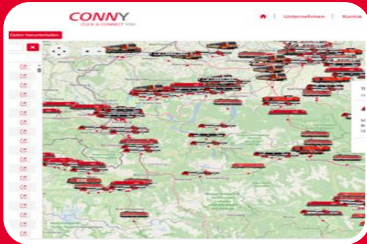


### IRS90930 Implementation

- 1. phase: implementation of CEBD exchange – in production
- 2. phase: implementation master data (XML) - ongoing

## Deriving Data from the ÖBB system

Following methods are available for customers to derive data from EMS



Conny: customer friendly platform for visualisation and exporting data from the EMS



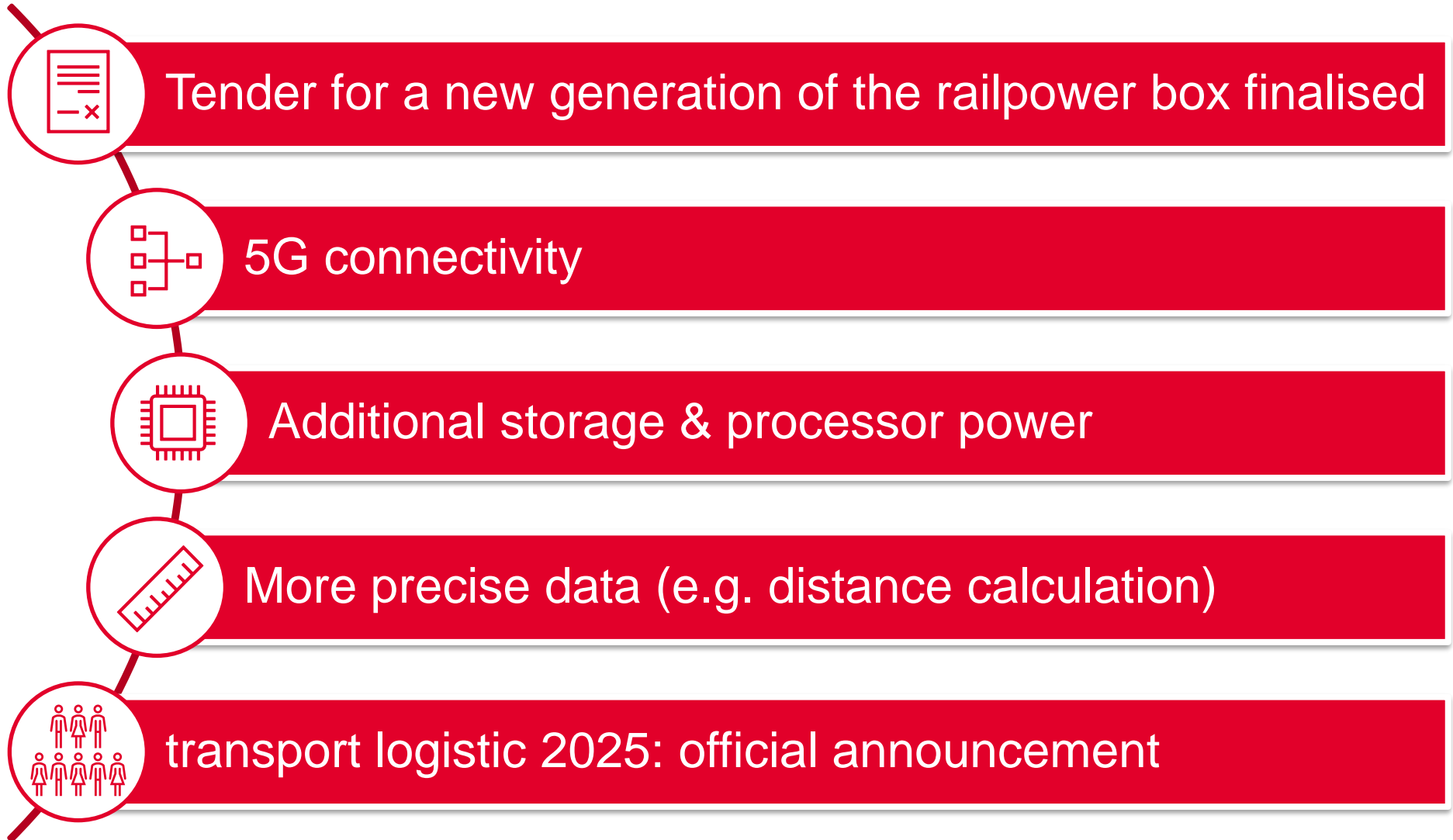
### API Interface (NOW)

- providing following information 1 hour after the trainrun:
- GPS data
- Consumption data
- Traction system



### API Interface (New)

- Currently in the test phase
- Oauth2 authentication
- Additional „billing“ information (e.g. trainrun data for the Austrian settlement)



Thank you for your attention

Marin Zwetkow  
[marin.zwetkow@oebb.at](mailto:marin.zwetkow@oebb.at)

