



RNE as coordination platform for RFCs' core processes and tools

Florence, 18 May 2015

RailNetEurope (RNE) Introduction



RNE Members Network

RailNetEurope

- was established in 2004
- currently it has 35 full members
- is an umbrella organisation of Infrastructure Managers (IMs)/Allocation Bodies (ABs)
- enhances international rail traffic
- delivers solutions and tools for international infrastructure management
- provides information on the European railway infrastructure
- is service provider of choice for the new corridor organisations

RailNetEurope (RNE)

Business

The core business of RNE is to provide support to European Rail Infrastructure Managers and Allocation Bodies with the planning, selling and managing of international train paths.

- RNE is following a market-oriented approach.
- RNE is designing the entire rail infrastructure production process.



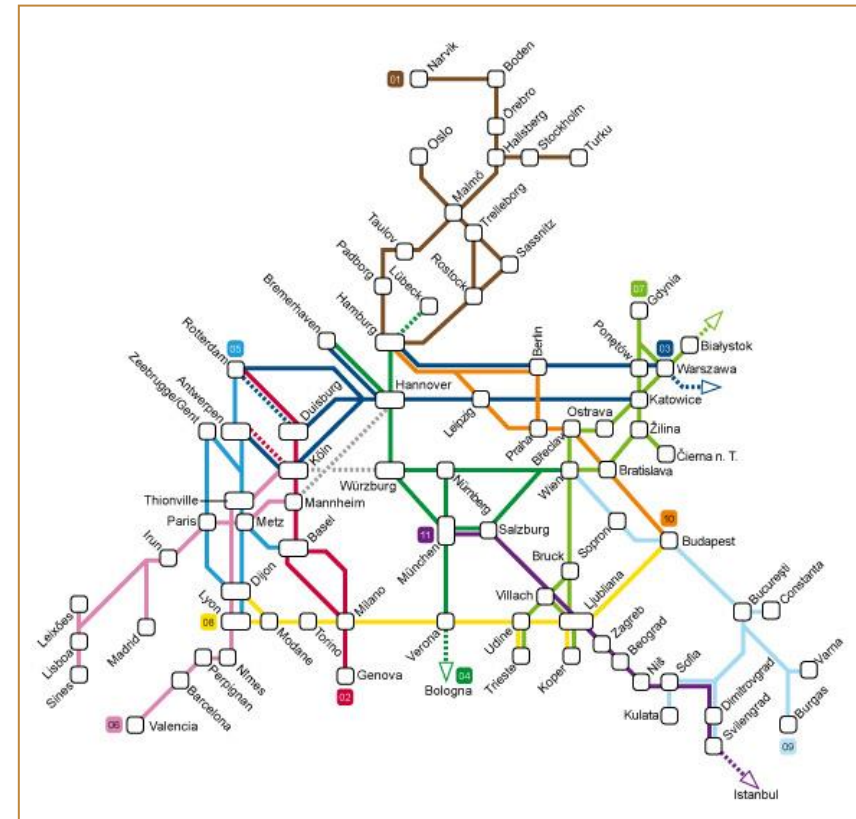
In the end of 2010 RNE has additionally received the mandate to become the service provider of choice and expert support provider for corridor organisations.

RailNetEurope (RNE) Corridor Management

11 RNE Corridors were set up to push the implementation of RNE processes and tools.

Corridor Management ...

- increases international path ordering
- jointly shapes corridor infrastructure capacity
- gives a reliable forecast on available corridor infrastructure
- measures and improves train punctuality along international corridors
- leads to more efficient international rail transport



RNE Corridors 1 - 11

Freight Regulation 913/2010 Implementation Plan (2013 and 2015)

Implementation 2013

AT, BE, DE, FR, IT, LU, NL, SI,
HU, PT, ES, CZ, SK, RO, BG, EL

Corridor	Member States	Years
1	NL, BE, DE, IT	3
2	NL, BE, FR, LU	3
4	PT, ES, FR	3
6	ES, FR, IT, SI, HU, CZ, AT, SK, HU, RO, BG	3
7	EL	3
9	CZ, SK	3

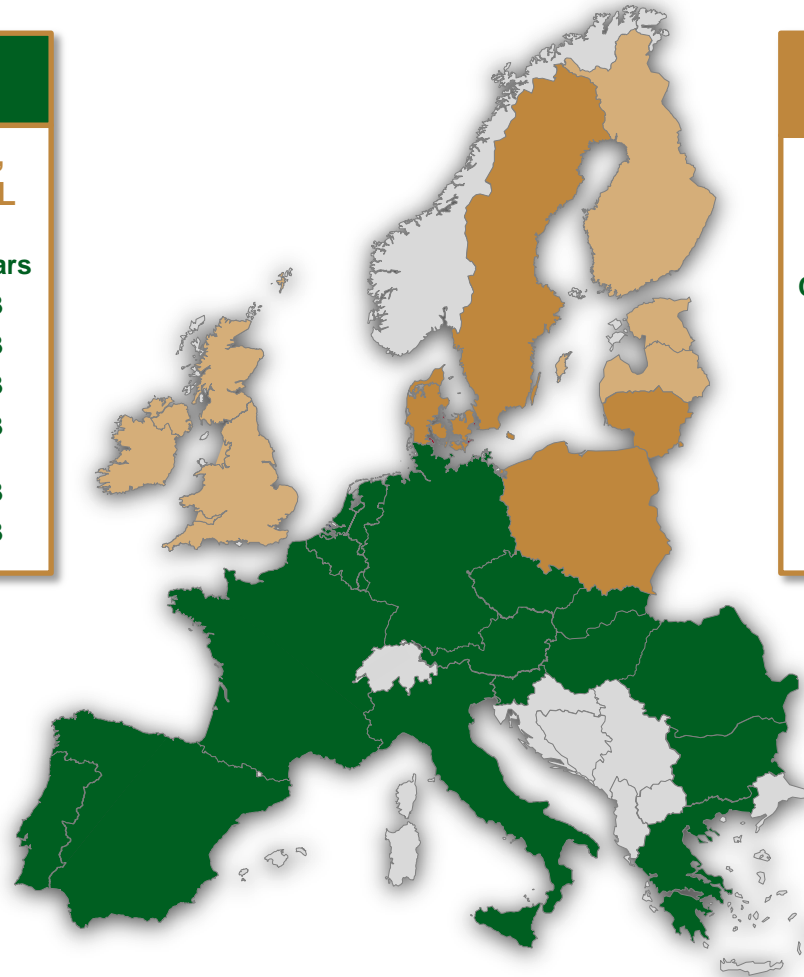
Implementation 2015

SE, DK, PL, LT

Corridor	Member States	Years
3	SE, DK, DE, AT, IT	5
5	PL, CZ, SK, AT, IT, SI	5
8	DE, NL, BE, PL, LT	5

Implementation after 2015

UK, FI, LV, EE



RFCs Overview Map 2015



Rail Freight Corridors (RFCs) map 2015

Including extensions foreseen in 2016 as indicated by the RFCs



*This map does not include all potential RFC routes' extensions contained within Annex 2 of EU Reg. 1316/2013 (extensions are subject to market studies). For further details, please refer to the individual RFCs' websites.

Freight Regulation 913/2010 *Requirements*

- Implementation of freight regulation 913/2010 requires standardised procedures and tools across all corridors
- Business is not tied to single corridors
 - RUs and some IMs/ABs are active on various corridors
 - Majority of traffic does not start/end on corridor
- ⇒ interface between corridors / national systems needed
- Existing methods, processes and tools that RNE has developed and operated could be chosen (Statement in EU Implementation Handbook)

RNE Path Coordination System (PCS) & RNE Train Information System (TIS)

- fulfil regulation's requirements
- play key role for a successful implementation



Which tools are available to support the core business?

Planning



RNE has developed an IT system which handles the communication and co-ordination process for international path requests and path offers.

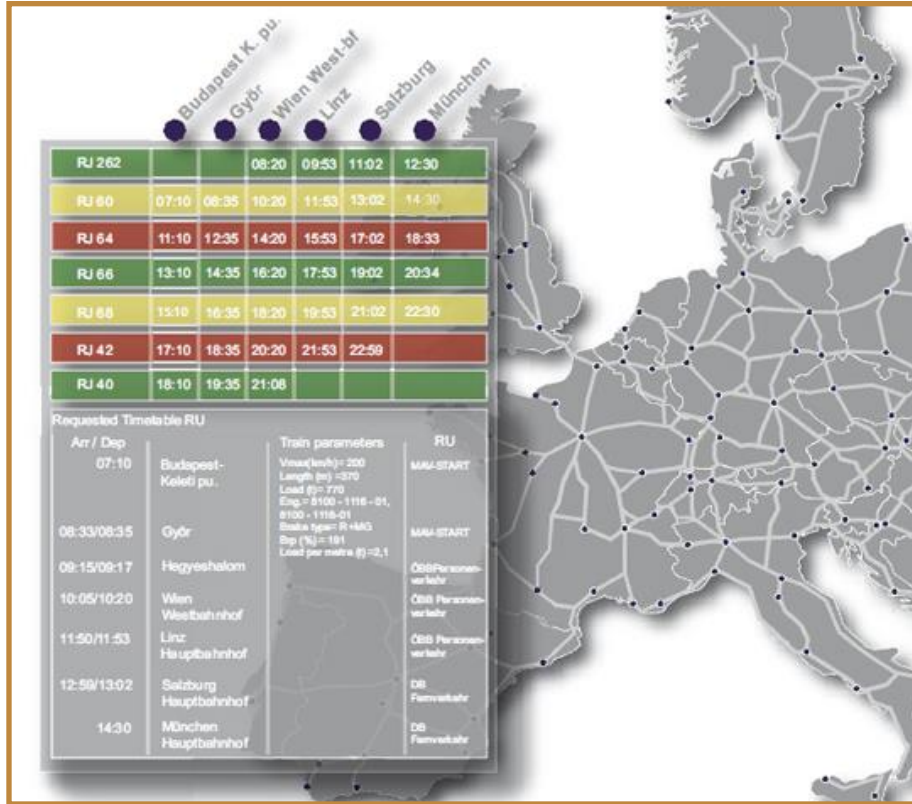
Operations & After Sales



RNE operates the Train Information System (TIS) which provides real time information and generates train run reports.

RNE Path Coordination System (PCS)

Introduction

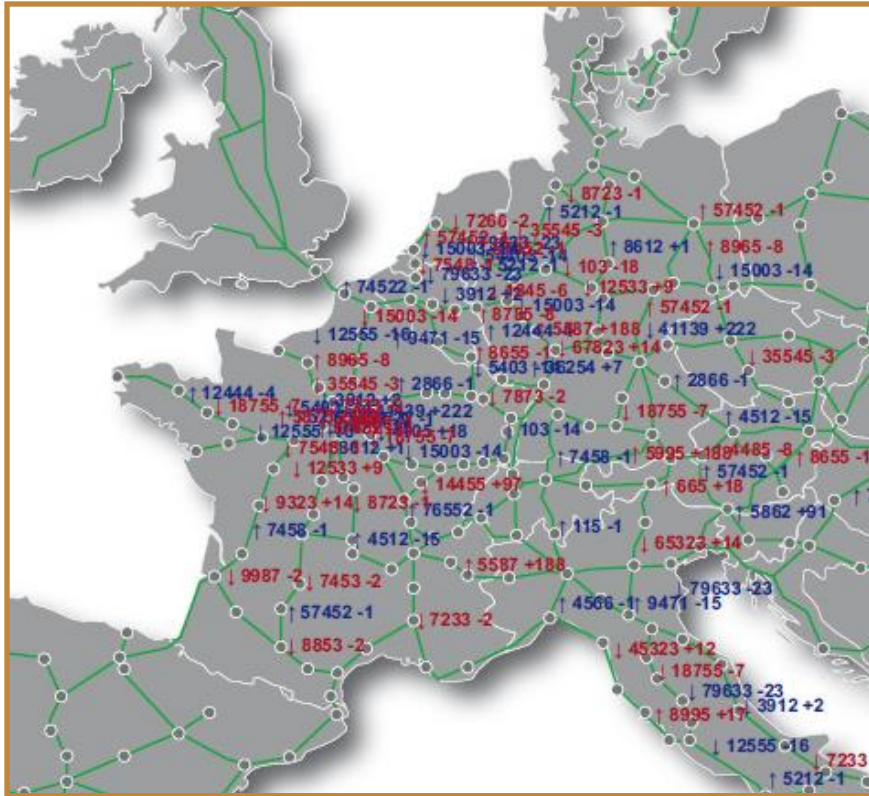


RNE Path Coordination System (PCS)

- Web application for communication/co-ordination of processes for international path requests and path offers
- Jointly developed by RUs and IMs within Forum Train Europe (FTE), handed over to RNE in 2004
- Co-financed by EU since 2008 (inclusion of TAF TSI-related functions)
- **Supports RFC OSSs in managing the Pre-arranged Paths (PaPs) since 11/2013**

RNE Train Information System (TIS)

Introduction



Train Information System (TIS)

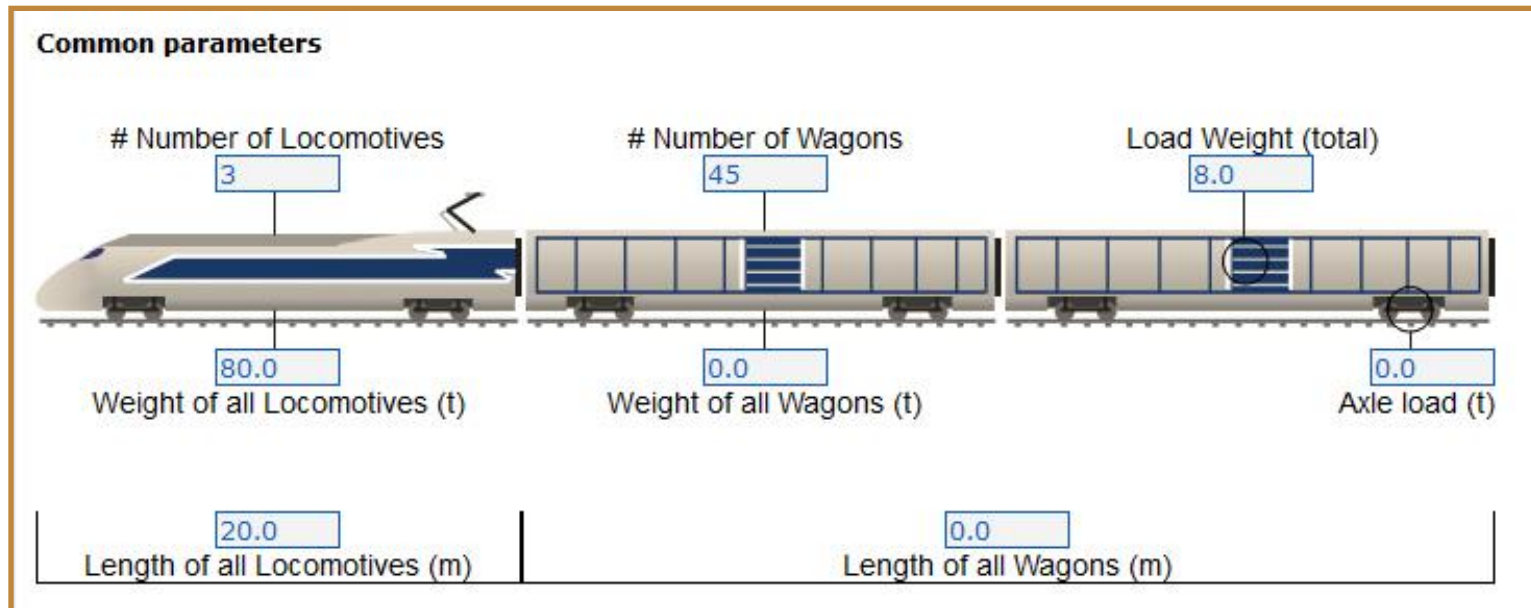
- RNE system for real-time international train run monitoring
- Originally developed by consortium of 6 IMs
- Handed over to RNE in 2007
- RNE developments
 - Improvement of data quality
 - Roll-out to other IMs (currently 19 IMs are users)
 - Introduction of additional functions

RNE Charging Information System (CIS) Overview



RNE Charging Information System (CIS)

- Estimates charges for train paths, station fees and shunting fees
- 21 countries ,1200 users, 200 routings per day – free of charge
- Corridor-based approach – calculates the price for particular route



RNE Charging Information System (CIS)

EU Regulation 913/2010 and its challenges

Opportunities

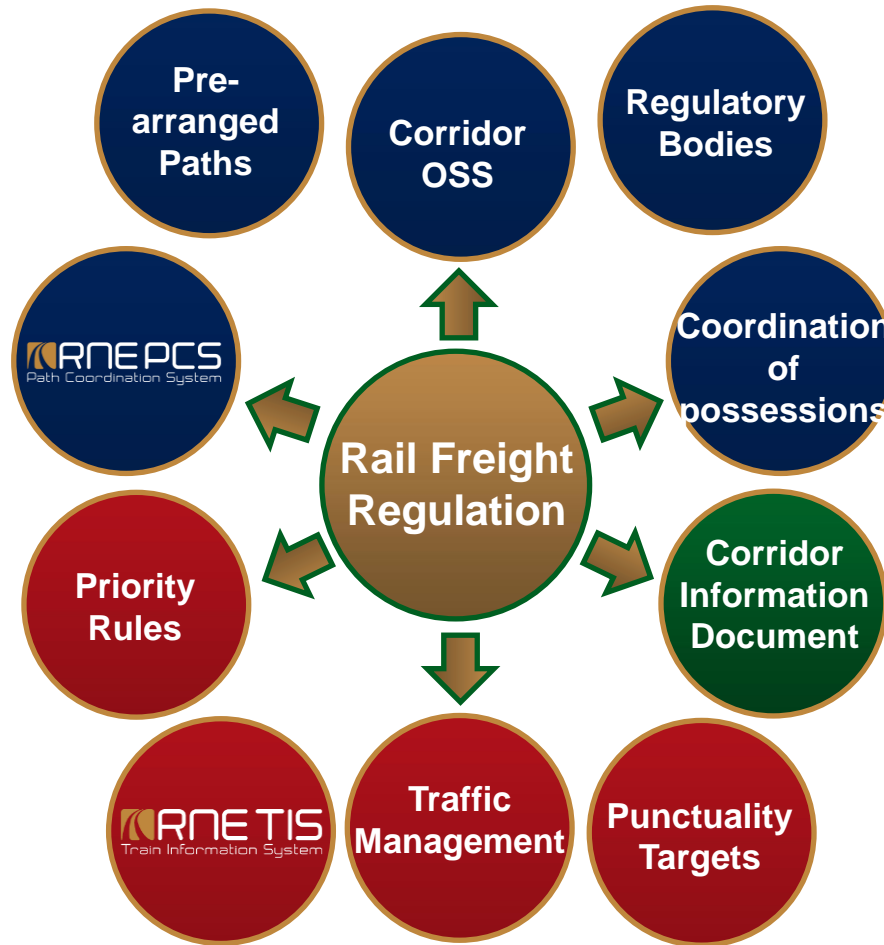
- Opportunity for more traffic

Threats

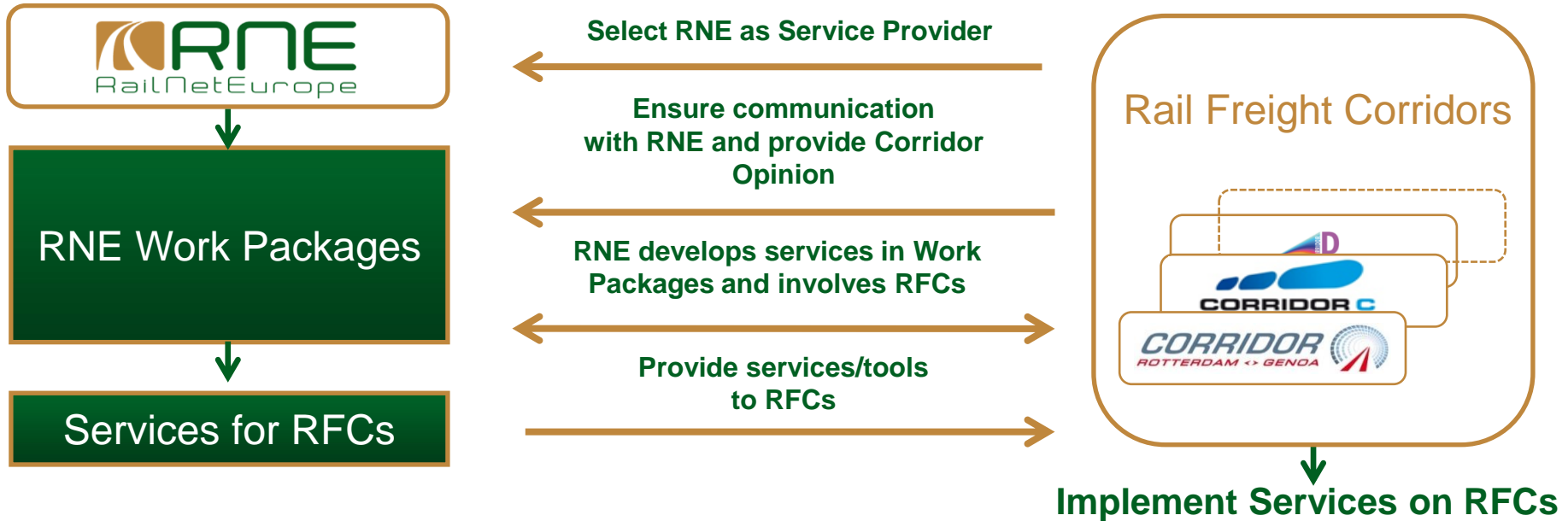
- Risk that RFCs may set up separate processes / tools
- International business may become ungovernable

Freight Regulation 913/2010

Work Packages



Interaction between RNE and RFCs In General



What works fine

- Especially 11/2013-RFCs
 - select RNE as Service Provider
 - dedicate own resources to RNE WPs
- EU Commission acknowledges RNE's harmonisation work in this field

Potential for improvement

- It is still often a challenge for RFCs
 - to provide a Corridor Opinion shared by all RFC Members
 - To apply an RNE Guideline if it requires deviations from traditional procedures

Harmonisation of RFCs' core business processes

Overview on RFC-related Projects

RNE and the RFCs have jointly setup a number of projects to develop applicable solutions for core processes of all RFCs' :

- Project pre-design on RFC multiple governance issues
- Capacity management in areas with overlapping RFC sections
- Priority Rules in PaP allocation
- Project pre-design on commercial conditions
- Harmonised way of handling Authorised Applicants
- Priority rules in operations and definition of Corridor Train
- KPIs of Rail Freight Corridors
- International coordination / publication of works and possessions
- Review of the International Timetabling Process
- Communication and cooperation between Traffic Control Centres
- Traffic Management information

Harmonisation of RFCs' core business processes

Overview on RFC-related Projects

RNE and the RFCs have jointly setup a number of projects to further develop RNE's core tools to better support the RFCs' core processes:

- PCS Developments 2014 and 2015 (including Flex PaP)
- PCS Next Generation
- PCS Training

- CIS Developments (Roll-out from RNE to RFC Corridors)

- Project pre-design on Customer Information Platform (CIP)

- Project pre-design on Central Application Database (CAD)

Harmonisation as a major pillar of RNE's general mission

- RNE's aim is to ensure harmonized core processes and tools for the international business of the RNE members (including RFCs)
- This approach was presented and supported by the CEOs of the European IMs at the High Level Infrastructure Meeting in June 2014
- RFCs were invited to become Associate RNE Members to further strengthen the cooperation and coordination



For the RFCs RNE provides a platform for coordination concerning harmonized core processes and tools. In addition RNE can provide services that are demanded by the majority of the RFCs. This shall ensure that together corridors function as a network.

Contact Information

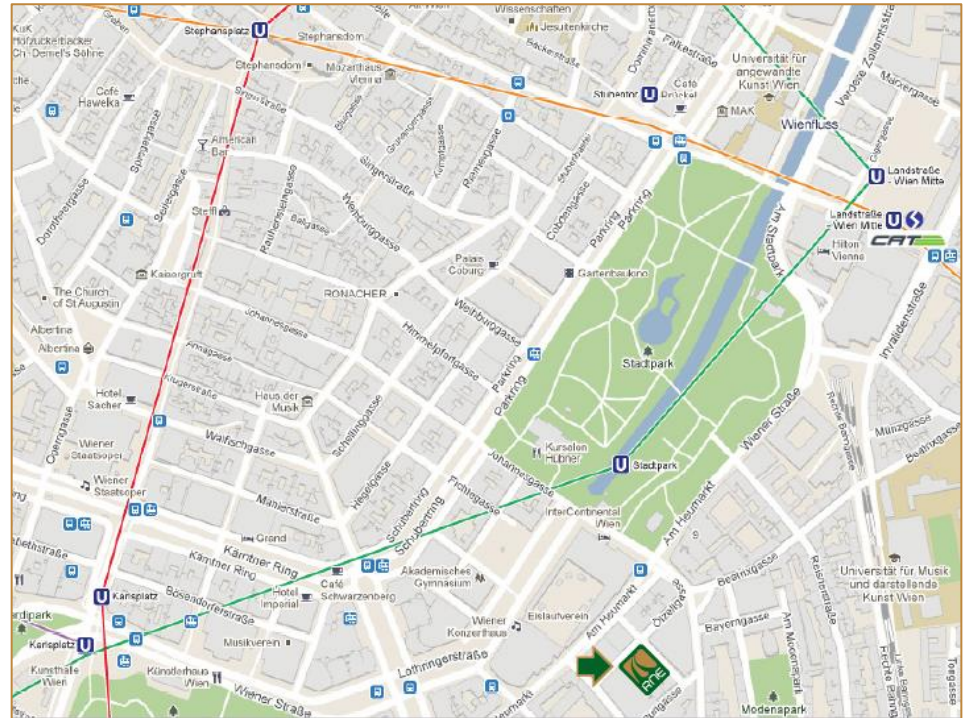
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Map – RailNetEurope Joint Office