# REGISTER OF INFRASTRUCTURE (RINF)

European Rail Infrastructure Managers **EIM**

## Opportunities

❯ The new RINF database can be built taking into account the legacy systems of IMs;

❯ The new RINF will be a harmonised IT tool between IMs and RUs;

❯ An effective RINF database will optimise RU operations and increase business.

## Challenges

❯ IMs have to adapt the current RINF and legacy systems to new RINF decision enhancements;

❯ The topology of RINF (including micro-level information) should be aligned with the solutions already in the market;

❯ IMs digital strategies will have to take into account the evolution of the RINF.

## Objective

The Register of Infrastructure (RINF) is the main tool for describing the static rail network characteristics and capabilities as required by the **Directive (EU) 2016/797** on rail Interoperability, including all the relevant information for the Route Compatibility, the Network Statement and the Route Book. The RINF consists of a centralised database hosted and managed by the EU Agency for Railways (ERA), describing:

❯ Operational Points (OP) representing stations, junctions, sidings, etc;

❯ Section of Lines (SoL) describing the characteristics of tracks which link Operational Points together.

As specified in the **Commission Implementing Decision 2014/880/EU**, the objective of the RINF in the checking of "**Route Compatibility** " is to provide a description of the EU rail network and its capabilities to enable the Railway Undertakings (RU) and/or their suppliers to know all the possible routes across the network. This process is defined in the **TSI OPE Appendix D1**.

## Involvement of Infrastructure Managers

Infrastructure Managers (IMs), who have full knowledge of the characteristics and evolution of their own rail infrastructure, regularly submit the necessary data describing their network infrastructure to the National Register Entity (NRE), i.e. the entity in charge of uploading data to the RINF application. From 2021 onwards, IMs will be in charge of updating the RINF themselves while the NRE remains in charge of the implementation of the register on national level.

## EIM in action

❯ EIM represents the IMs as data providers for the RINF and, as such, ensures that all RINF parameters are providing a real added-value;

❯ EIM's RINF Working Group (RINF WG) shares best practices and participates in the relevant ERA Working Party.

---

EC Implementing Decision 2014/880/EU
COMMON SPECIFICATIONS OF THE REGISTER OF INFRASTRUCTURE

PUBLICATION
26th November 2014

ENTRY INTO FORCE
1st January 2015

DELIVERABLES
OF RAIL INFRASTRUCTURE MANAGERS

**New registers** parameters and data (Route Book)

**New Routing** Information

**Monthly review** of IM network and **update** of the registers

**Liaise** with the National bodies to **upload data** to registers

NEXT REVISION
Expected vote in 2019

■ EU LEGISLATION   ■ INFRASTRUCTURE MANAGERS