ERA registers
What are they for and how to work with them

Training Budapest, 30 June 2017

Aleksandra Perkuszewska, Safety unit

EUROPEAN
UNION
AGENCY
FOR RAILWAYS

Legal background

- Regulation (EU) 2016/796 of the European Parliament and of the Council of 11 May 2016 on the European Union Agency for Railways and repealing Regulation (EC) No 881/2004:

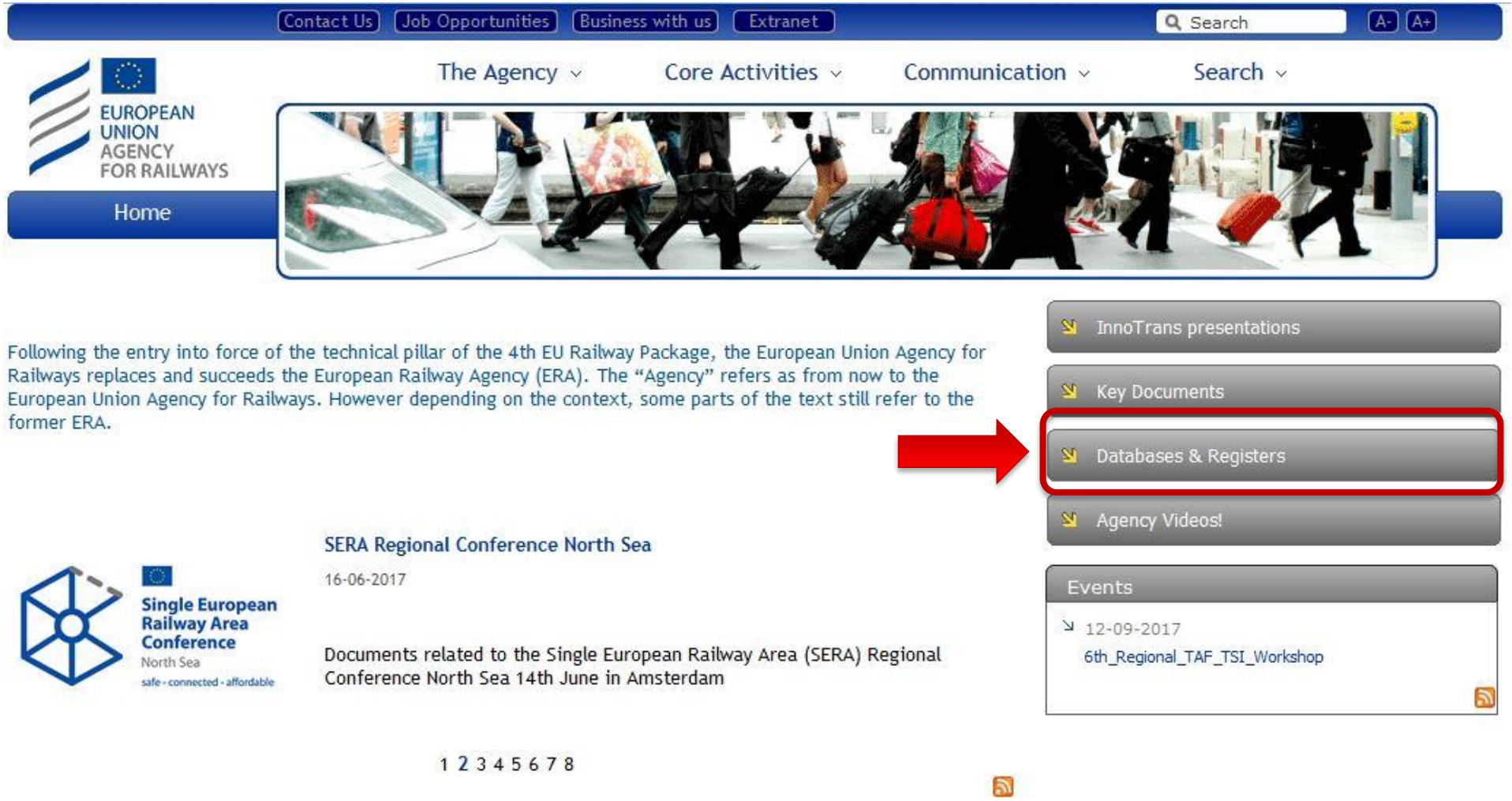
  Article 37 Registers and their accessibility.

- Directive (EU) 2016/798 of the European Parliament and of the Council of 11 May 2016 on railway **safety**.

- Directive (EU) 2016/797 of the European Parliament and of the Council of 11 May 2016 on the **interoperability** of the rail system within the European Union.

EUROPEAN UNION AGENCY FOR RAILWAYS

http://www.era.europa.eu



EUROPEAN UNION AGENCY FOR RAILWAYS

Databases and Registers

The Agency is responsible for developing and maintaining several registers and databases in order to ensure transparency and equal access to documents for all railway market actors.

For more information about public registers follow the links:

- European Railway Agency Database of Interoperability and Safety (ERADIS)
- European Railway Accident Information links (ERAIL)
- European Register of Authorised Vehicle Types (ERATV)
- Notification of national railway safety and technical rules (NOTIF-IT)
- Reference Document Database (RDD)
- Vehicle Keeper Marking Registers (VKM Register)
- Registers of Infrastructure (RINF)

For more information about registers with restricted access to experts follow the links:

- European Centralised Virtual Vehicle Register (ECVVR)
- Register of Requests for changes & Planned changes (ERTMS CCM tool)

Documents Made Publicly Available By The Agency:	Access:
Archive Database on accidents	ERADIS
Authorisations for placing in service of infrastructure and fixed installations	ERADIS
Common Safety Indicators	ERAIL
EC declarations of verification of subsystems	ERADIS
EC declarations of conformity of interoperability constituents	ERADIS
EC declarations of suitability for use of interoperability constituents	ERADIS
ECM Certificates, ECM-MoU Certificates and Maintenance Functions Certificates	ERADIS
Keepers Self Declarations	Keepers Self Declarations
Information on the decisions by the NIBs to open accident investigations and final accident investigation reports (issued by the NIB)	ERAIL
Licenses for railway undertakings (issued by the licensing authority)	ERADIS
National Safety Rules	NOTIF-IT
National Technical Rules	NOTIF-IT
NSA and NIB Annual Reports (issued by the NSA and the NIB)	ERADIS
Railway undertakings service quality reports	ERADIS
Safety certificates Part A & Part B for railway undertakings (issued by NSA)	ERADIS
Vehicle Keeper Markings	VKM Registers

Access public registers
- ERADIS
- ERAIL
- ERATV
- NOTIF-IT
- RDD
- VKM Register
- Keepers Self Declarations

Access restricted registers
- CCM tool
- ECVVR

Relevant Legislation
- Interoperability Directive
- Safety Directive
- Agency Regulation

Additional information
- Communication Protocol
- Glossary of Railway Terms
- Study on Coherence and Consistency of Registers

ERADIS (European Railway Agency Database of Interoperability and Safety) established according to Article 37(3) of Regulation (EU) 2016/796.

❑ Database of interoperability and safety documents:

- EC declarations of verification of subsystems
- EC declarations of conformity of interoperability constituents
- EC declarations of suitability of use of interoperability constituents
- Service Quality Reports
- Authorisations for placing in service of infrastructure and fixed installations
- Licences for the performance of rail transport services
- Safety certificates
- Information on the Entities in Charge of Maintenance: schema decided in each member state, certification bodies documents, ECM certificates, ECM MoU certificates and maintenance functions certificates
- Information on the CSM Assessment Bodies: MS Decisions and Assessment Bodies declarations
- NSA and NIB Annual Reports
- Link to investigation reporting data in ERAIL database (http://erail.era.europa.eu/investigations.aspx)
- Link to Common Safety Indicators data in ERAIL database (http://erail.era.europa.eu/safety-indicators.aspx)
- Archive Database on accidents (1990÷2007)
- Link to NOTIF-IT (https://webgate.ec.europa.eu/risdb/home.do)

❑ Kept by ERA.

❑ Publicly available: **http://eradis.era.europa.eu**

ERADIS Interface

Login | Help | english (en)

ERADIS - European Railway Agency Database of Interoperability and Safety

Search in Eradis

Home

- Home
  - Login
  - Safety Authorities and Investigation Bodies
  - Other Organisations and Bodies
  - Safety documents
    - Safety Certificates
    - Licences
    - ECM
    - Assessment
    - Safety Indicators
    - Investigation reports
    - NSA & NIB reports
  - Inter-operability documents
    - EC declarations of verification of subsystems
    - EC declaration of conformity of interoperability constituents
    - EC declaration of suitability for use of interoperability constituents
    - Authorisation for placing in service
    - Virtual Vehicle Register
  - Railway Undertaking Service Quality reports
  - National Rules

Links

- Internet portal of the European Railway Agency
- Rail Transport and Interoperability
- European Commission
- ERADIS - European Railway Agency Database of Interoperability and Safety - Archive

Welcome to the ERADIS - European Railway Agency Database of Interoperability and Safety

The ERADIS database shall ensure that the information relevant to the safety and interoperability of the railways in the Member States is accessible and transparent to all interested parties and stakeholders in the railway.

ERADIS shall not be used as operational database, but for information purpose only.

In the Railway Safety Directive 2004/49/EC and the Agency Regulation 881/2004 /with later amendments/, the Agency has been given the task of collecting and providing public access to the following documents:

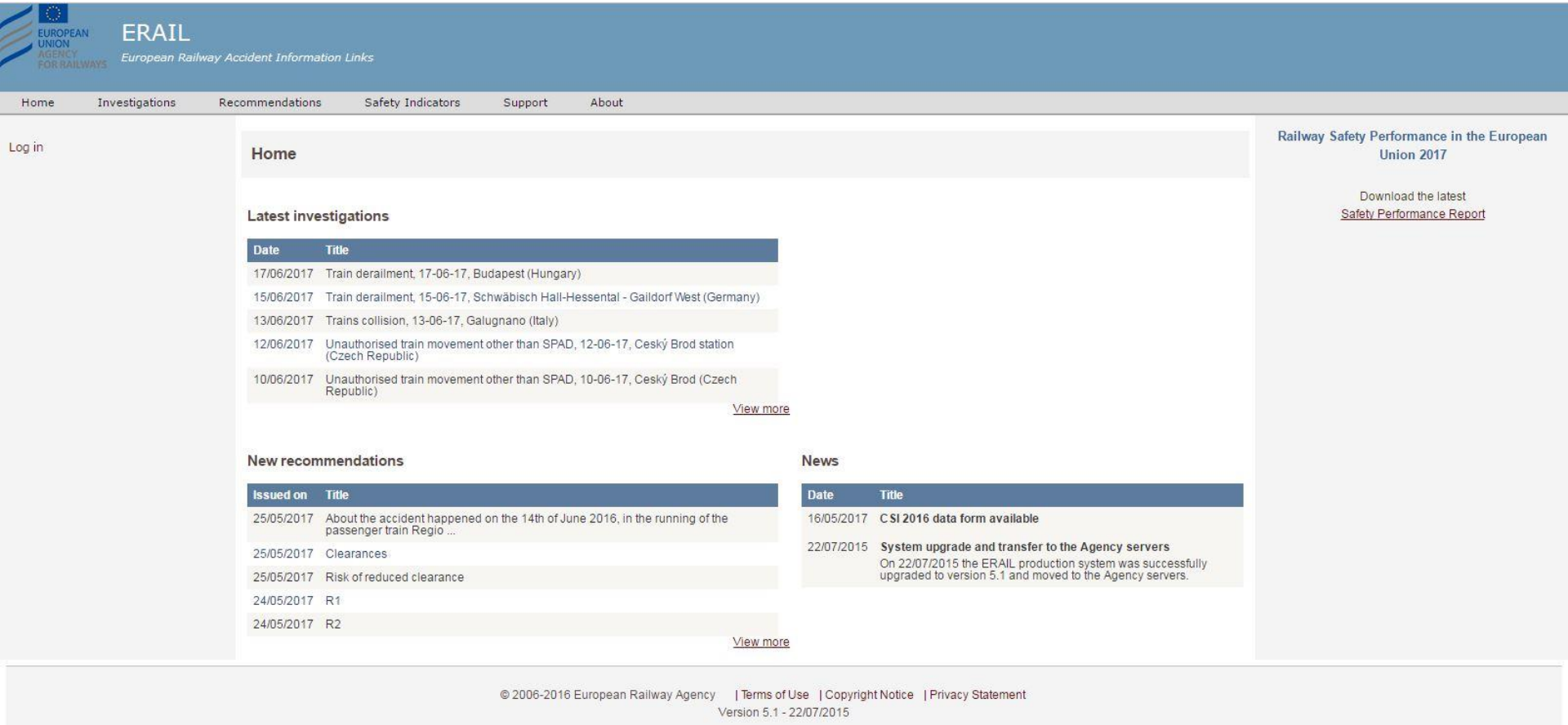
- The EC declarations of verification of subsystems;
- The EC declarations of conformity of constituents;
- EC declarations of suitability for use of interoperability constituents;
- Authorisations for placing in service of fixed installations;
- The licences issued in accordance with Directive 95/18/EC;
- The safety certificates issued in accordance with Article 10 of the Railway Safety Directive;
- Information on the Entities in Charge of Maintenance: the schema decided in each member state, certification bodies documents, ECM certificates, ECM MoU certificates and maintenance functions certificates;
- The investigation reports sent to the Agency in accordance with Article 24 of the Railway Safety Directive;
- A biennial report on safety performance, based on CSIs, national reports on safety and accidents and its own information.
- The link to the national vehicle registers ECVVR;
- The link to national rules database NOTIF-IT.

All data submitted to ERADIS is public and accessible without user credentials. The user account in ERADIS is needed only for data submission by the appropriate authorities. If you need the user account click here:
Request User Account

Version 4.2 - 15/06/2017

© 2006 European Railway Agency | Terms of Use | Copyright Notice | Privacy Statement

ERAIL Interface



ERATV – Intro

ERATV (European Register of Authorised Types of Vehicles) established by Article 34 of Interoperability Directive 2008/57/EC and ERATV Decision 2011/665/EU

- Kept by ERA. Data submitted by NSAs.
- Contains type technical data (as defined in TSIs), TSI conformity data and type authorisation data.
- 342 type authorisations in ERATV as of March 2017.
- Publicly available: **http://eratv.era.europa.eu/eratv**

ERATV Interface

Log on | Help | French

EUROPEAN UNION AGENCY FOR RAILWAYS

ERATV - European Register of Authorised Types of Vehicles

Search ERATV | Search

> ERATV > Welcome to ERATV - European Register of Authorised Types of Vehicles

Welcome to ERATV - European Register of Authorised Types of Vehicles

Application guide
PDF, 593 KB

ERATV is established according to Directive 2008/57/EC of the European Parliament and of the Council of 17 June 2008 on the interoperability of the rail system within the Community and Commission Implementing Decision 2011/665/EU of 4 October 2011 on the European register of authorised types of railway vehicles.

The register is hosted and maintained by the European Railway Agency (ERA). It contains data on types of vehicle authorised by the Member States pursuant to Article 26 of Directive 2008/57/EC.

View Registered Authorisations

Terms of Use | Copyright Notice | Privacy Statement | File Version: 1.3.8014

© 2012 European Railway Agency

EUROPEAN UNION AGENCY FOR RAILWAYS

Notif-IT – Intro

Notif-IT established according to Directive 2008/57/EC and Directive 2004/49/EC

- Developed, hosted and managed by DG MOVE.
- Contains notifications for national technical rules and national safety rules
- Contains notifications for both draft and adopted National Rules
- The formal notification process is embedded with the Notif-IT
- The notification process involves ERA as the evaluator and EC as validator and examiner
- Publicly available: https://webgate.ec.europa.eu/risdb/

Notif-IT Interface

EUROPEAN COMMISSION

DIRECTORATE-GENERAL FOR MOBILITY AND TRANSPORT

Version: 4.1 - 28-03-2017 - Environment: Production (HelpDesk Email:EC-NOTIFIT-HELPDESK@ec.europa.eu)

login English

- Home
- Login
- Notifications
- About Notif-IT
- Go to ERA database

Notif-IT - database for the notification of national railway safety and technical rules

Print

Article 8 of Directive 2004/49/EC (the Railway Safety Directive) requires Member States to notify to the Commission adopted national safety rules and, under certain conditions (Article8 (6)),draft safety rules.

Article 17 of Directive 2008/57/EC for interoperability requires national technical rules to be notified as well.

Notif-IT (Notifications using Information Technology) application provides the Member States with the means to notify the national safety and technical rules to the Commission, and to make them available to the public in order to improve rule accessibility.

Notif-IT also provides the Member States with the means to notify draft safety rules to the Commission for the evaluation in line with Article 8(7) of the Railway Safety Directive. The draft safety rule module of Notif-IT simplifies the public consultation as required by the Railway Safety Directive. The different stakeholders and the public can comment on notified draft safety rules during the 2 months foreseen for public consultation. These comments are taken into account during the evaluation of the notified drafts by the Commission. The system displays the status of the notified rules.

To learn more about National Rules, please visit the website of the European Railway Agency.

Guidance for public use can be found in the document: Public User's Guide to the Notif-IT database

In case of questions please contact:

- For the notification of national safety rules and access rights: NSR@era.europa.eu
- For the notification of national technical rules and the access rights: NTR@era.europa.eu
- For general and IT queries: EC-NOTIFIT-HELPDESK@ec.europa.eu

Disclaimers:

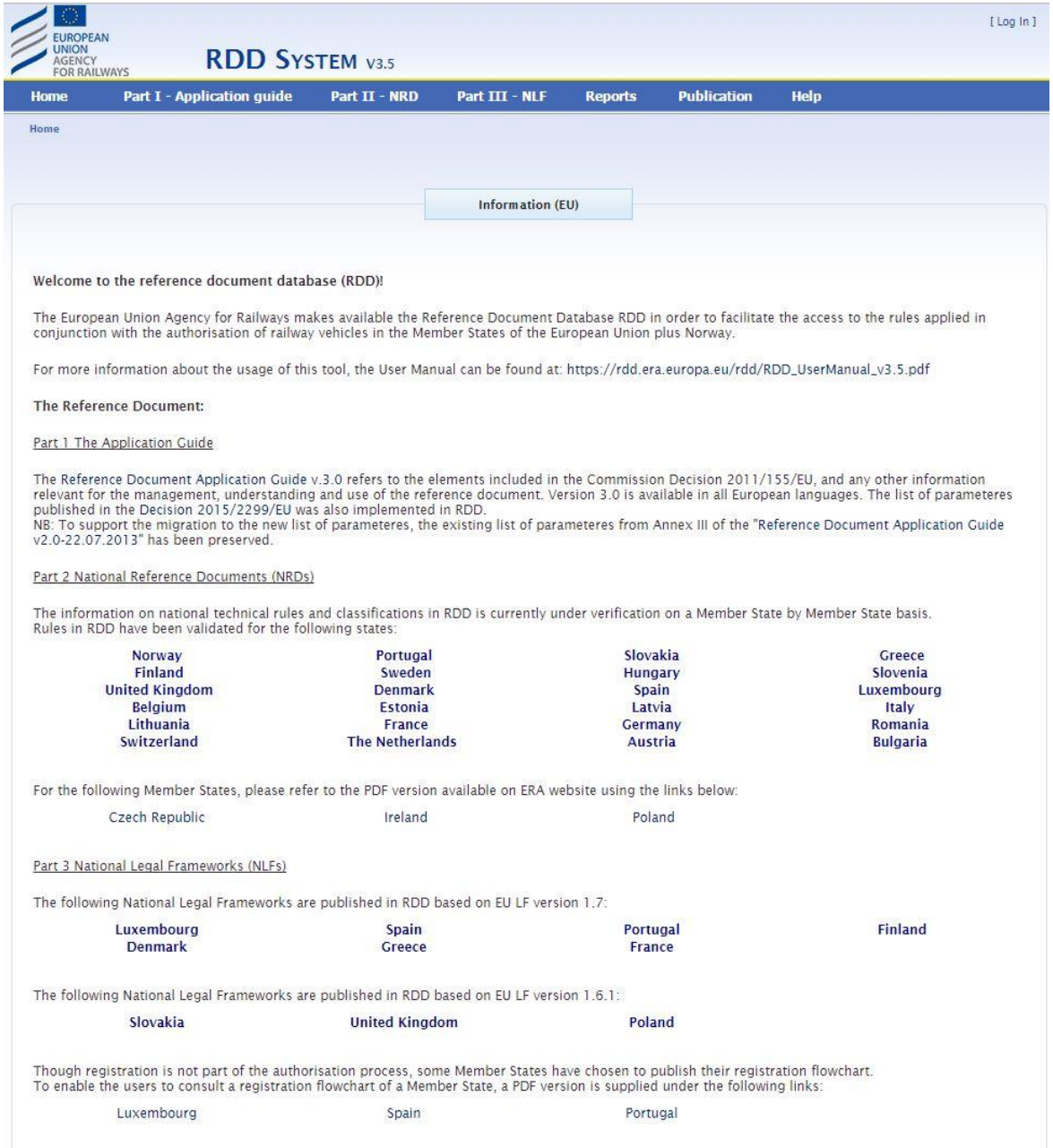
- **Notif-IT** should be considered as a "for information only" source. If users require the original text of all the rules in force, for operational purposes, we recommend that the respective national safety authorities should be consulted.
- The titles and principal content of the national rules are provided in the official national languages and in English to facilitate the use of this information. However, there is no legal obligation to provide an official English translation. Please, therefore, note that in all cases the information in the respective national language takes precedence.

Reference Document Database (RDD) – Intro

RDD (Reference documents database) established according to the Commission Decision 2011/155/EU as legal basis

- RDD is a public database hosted by ERA. It contains national technical rules and acceptable national means of compliance applied in conjunction with the authorisation of railway.
- RDD also holds the classifications of rules agreed between MSs to facilitate cross acceptance.
- All rules, acceptable national means of compliance and classifications are associated with parameters.
- The RDD can send rules and receive status information to/from NOTIF-IT.
- The RDD includes a tool for edit and viewing National Legal Frameworks for Vehicle Authorization based on Directive 2008/57/EC.
- The management and publication of the content in RDD is the responsibility of the MSs.
- Publicly available: https://rdd.era.europa.eu/rdd/

RDD Interface



EUROPEAN UNION AGENCY FOR RAILWAYS

[Log In]

RDD SYSTEM V3.5

Home | Part I - Application guide | Part II - NRD | Part III - NLF | Reports | Publication | Help

Home

Information (EU)

Welcome to the reference document database (RDD)!

The European Union Agency for Railways makes available the Reference Document Database RDD in order to facilitate the access to the rules applied in conjunction with the authorisation of railway vehicles in the Member States of the European Union plus Norway.

For more information about the usage of this tool, the User Manual can be found at: https://rdd.era.europa.eu/rdd/RDD_UserManual_v3.5.pdf

The Reference Document:

Part 1 The Application Guide

The Reference Document Application Guide v.3.0 refers to the elements included in the Commission Decision 2011/155/EU, and any other information relevant for the management, understanding and use of the reference document. Version 3.0 is available in all European languages. The list of parameteres published in the Decision 2015/2299/EU was also implemented in RDD.
NB: To support the migration to the new list of parameteres, the existing list of parameteres from Annex III of the "Reference Document Application Guide v2.0-22.07.2013" has been preserved.

Part 2 National Reference Documents (NRDs)

The information on national technical rules and classifications in RDD is currently under verification on a Member State by Member State basis.
Rules in RDD have been validated for the following states:

Norway	Portugal	Slovakia	Greece
Finland	Sweden	Hungary	Slovenia
United Kingdom	Denmark	Spain	Luxembourg
Belgium	Estonia	Latvia	Italy
Lithuania	France	Germany	Romania
Switzerland	The Netherlands	Austria	Bulgaria

For the following Member States, please refer to the PDF version available on ERA website using the links below:

Czech Republic	Ireland	Poland

Part 3 National Legal Frameworks (NLFs)

The following National Legal Frameworks are published in RDD based on EU LF version 1.7:

Luxembourg	Spain	Portugal	Finland
Denmark	Greece	France	

The following National Legal Frameworks are published in RDD based on EU LF version 1.6.1:

Slovakia	United Kingdom	Poland

Though registration is not part of the authorisation process, some Member States have chosen to publish their registration flowchart.
To enable the users to consult a registration flowchart of a Member State, a PDF version is supplied under the following links:

Luxembourg	Spain	Portugal

VKMR

VKMR (Vehicles keeper marking register) established according to Article 37(3) of Regulation (EU) 2016/796.

- is a public Register hosted by ERA since 2010
- VKMR is kept up-to-date with close co-operation with OTIF
- it contains list of VKMs (>3300), their status, originating country, etc.
- Publicly available: http://www.era.europa.eu/Document-Register/Pages/list-VKM.aspx

EUROPEAN UNION AGENCY FOR RAILWAYS

VKMR

Contact Us | Job Opportunities | Business with us | Extranet | Search | A- A+

The Agency | Core Activities | Communication | Search

EUROPEAN UNION AGENCY FOR RAILWAYS

Document Register

Home > Document Register

List of VKMs

Reference:	
Publication Date :	7/06/2017
Published by:	Interoperability
Document Types:	Information
Keywords:	VKM public list
Description:	Vehicle keeper marking register
Related documents:	87 th list of VKMs (Updated 07/06/2017): pdf/ / xls 86 th list of VKMs (Updated 03/05/2017): pdf/ / xls if any differences between pdf and xls file, the PDF shall prevail as formally agreed format 1st list of VKMs (published 14/01/2010): pdf 1st preliminary list of VKMs (published 07/07/2007): pdf

Back

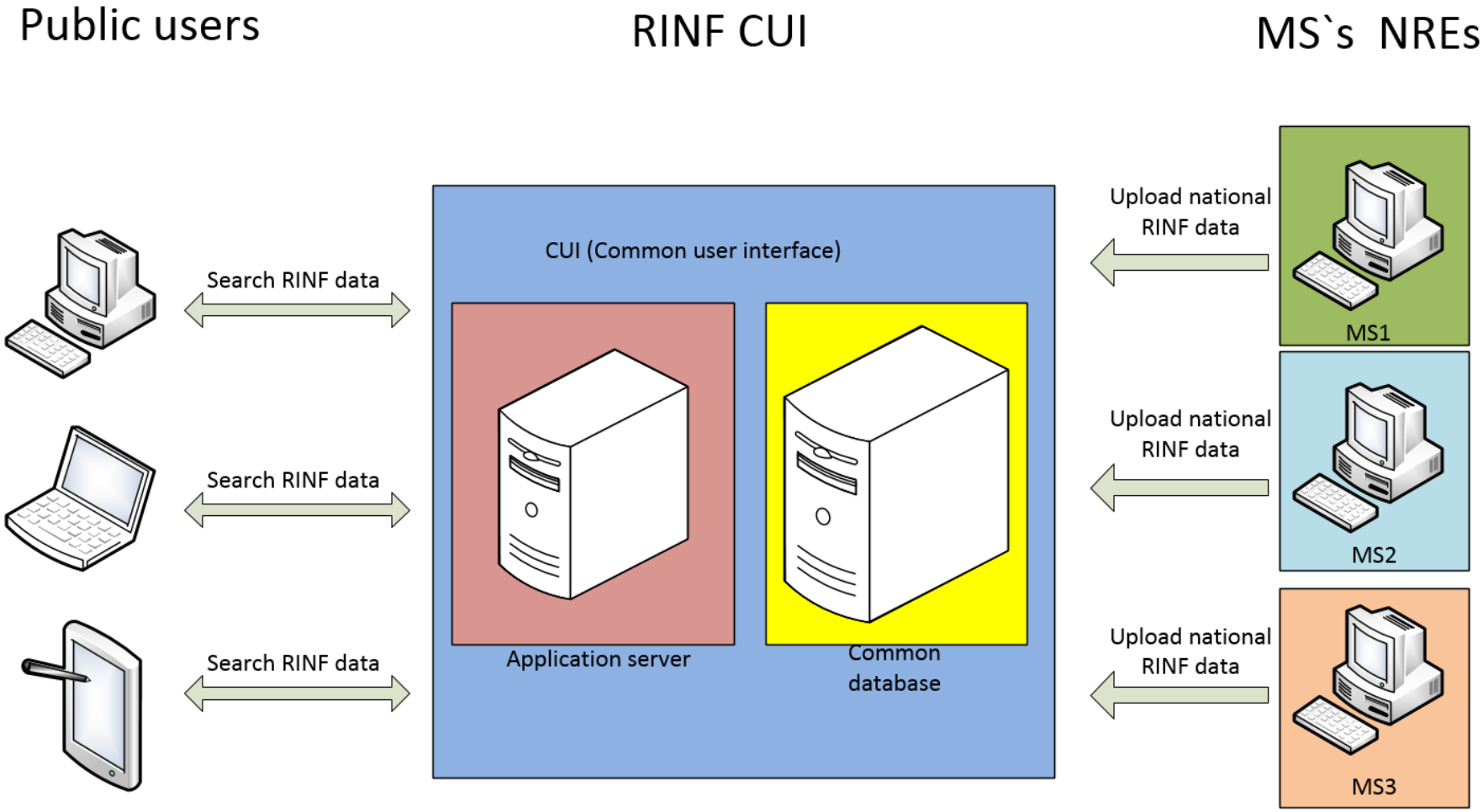
© 2005 - 2017 European Union Agency for Railways

The European Register of Infrastructure (RINF)

RINF (European Register of Infrastructure) established according to Article 49 of Directive (EU) 2016/797

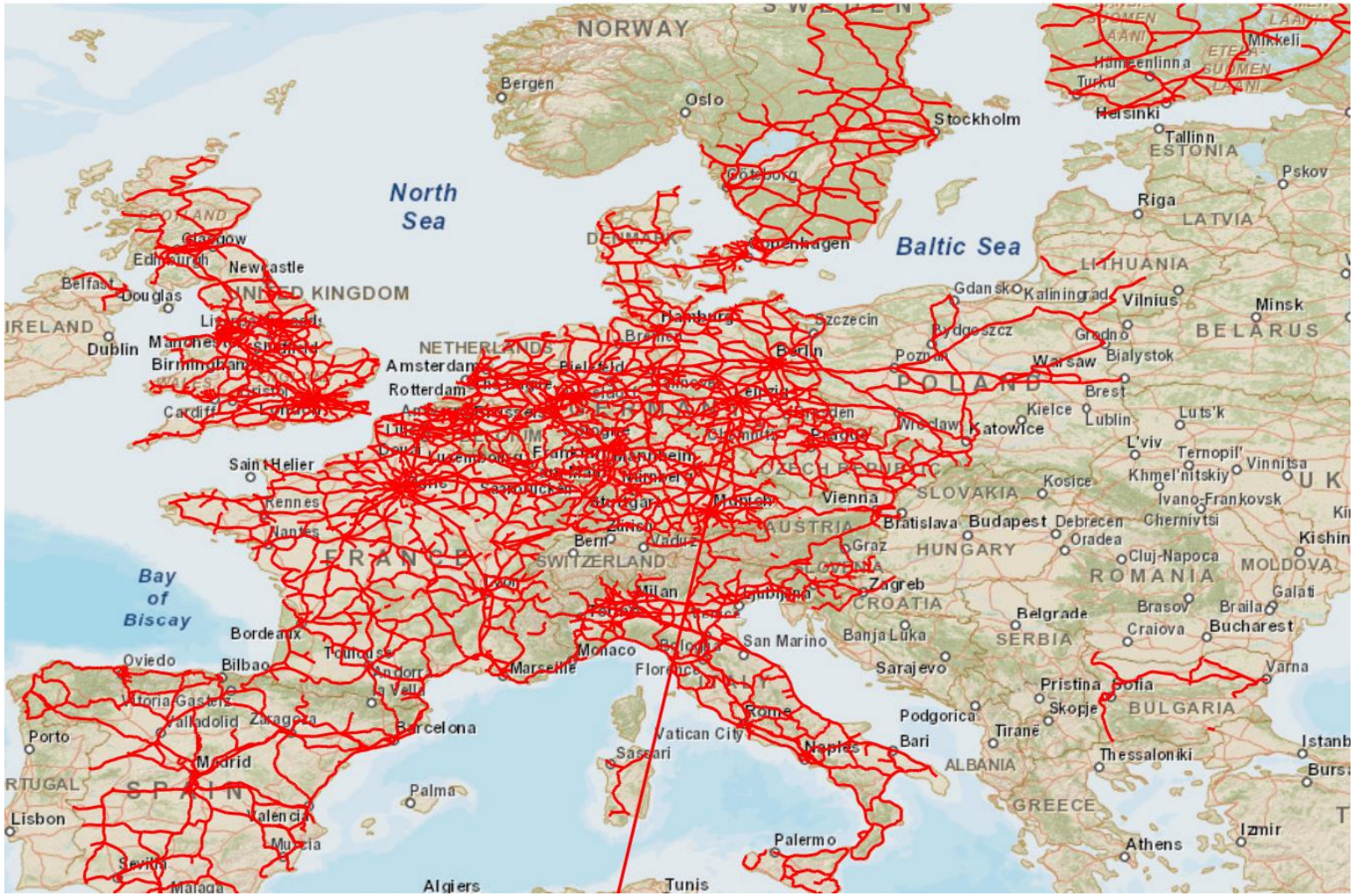
- It provided for transparency concerning the main features of the European Railway infrastructure. The common technical specifications are set out in a Commission Implementing Decision (Decision 2014/880/EU from 26 November 2014)
- It introduces a computerised common user interface (CUI) which simplifies queries of infrastructure data. This interface, set up and managed by the Agency, is publically available.
- The RINF Decision obliges each Member State to nominate an entity (NRE) in charge of setting up and maintaining its register of infrastructure and to notify an implementation plan.
- A guide on the application of the common specifications for the Register of Infrastructure as well as regular user meetings organized by the Agency help NREs and infrastructure managers involved to implement the Decision.
- Publicly available: http://rinf.era.europa.eu/RINF

The RINF Common User Interface

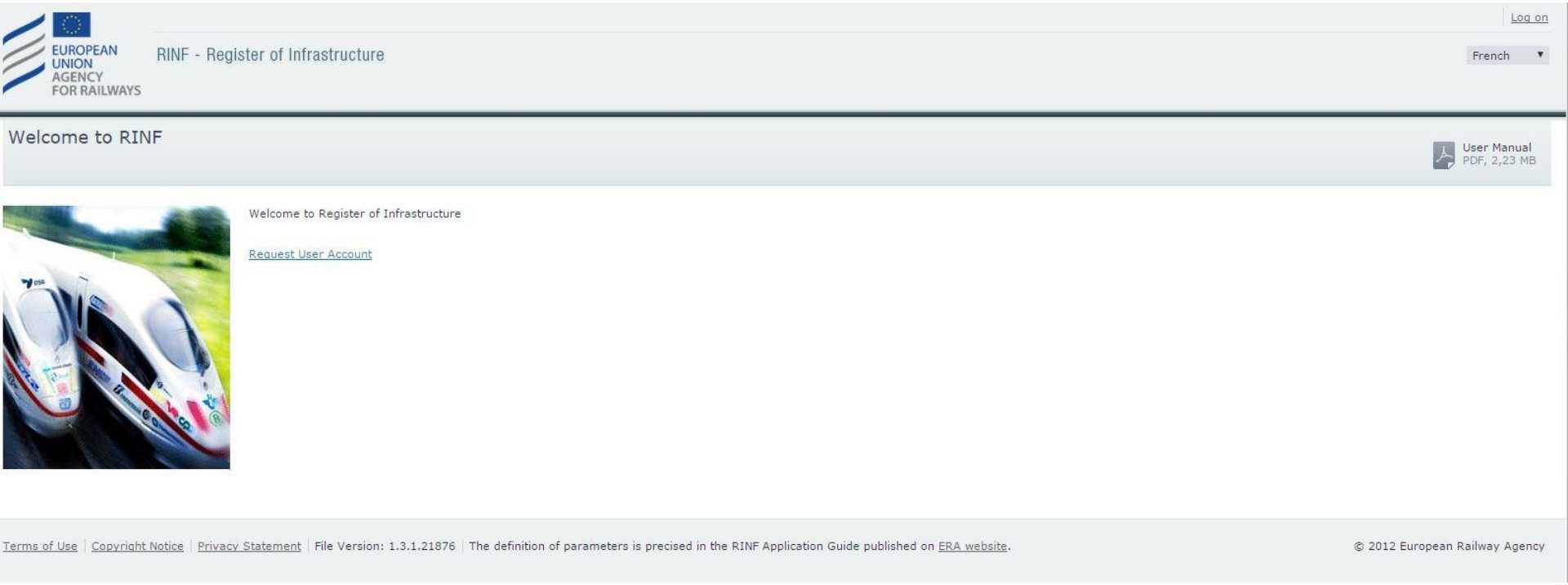


EUROPEAN UNION AGENCY FOR RAILWAYS

The current state of implementation



RINF Interface

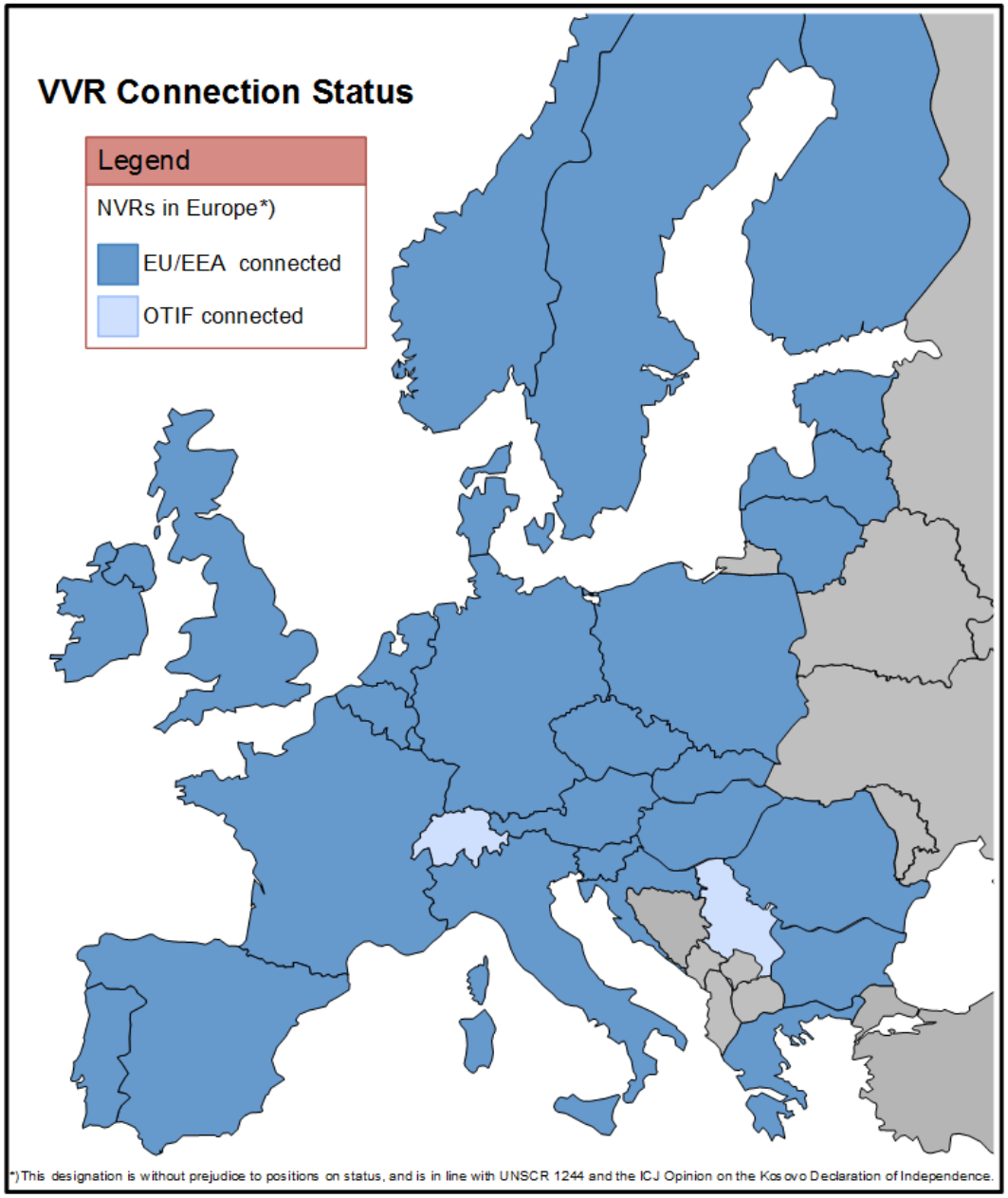


NVR (National Vehicle Register) established by Article 33 of Interoperability Directive 2008/57/EC and NVR Decision 2007/756/EC

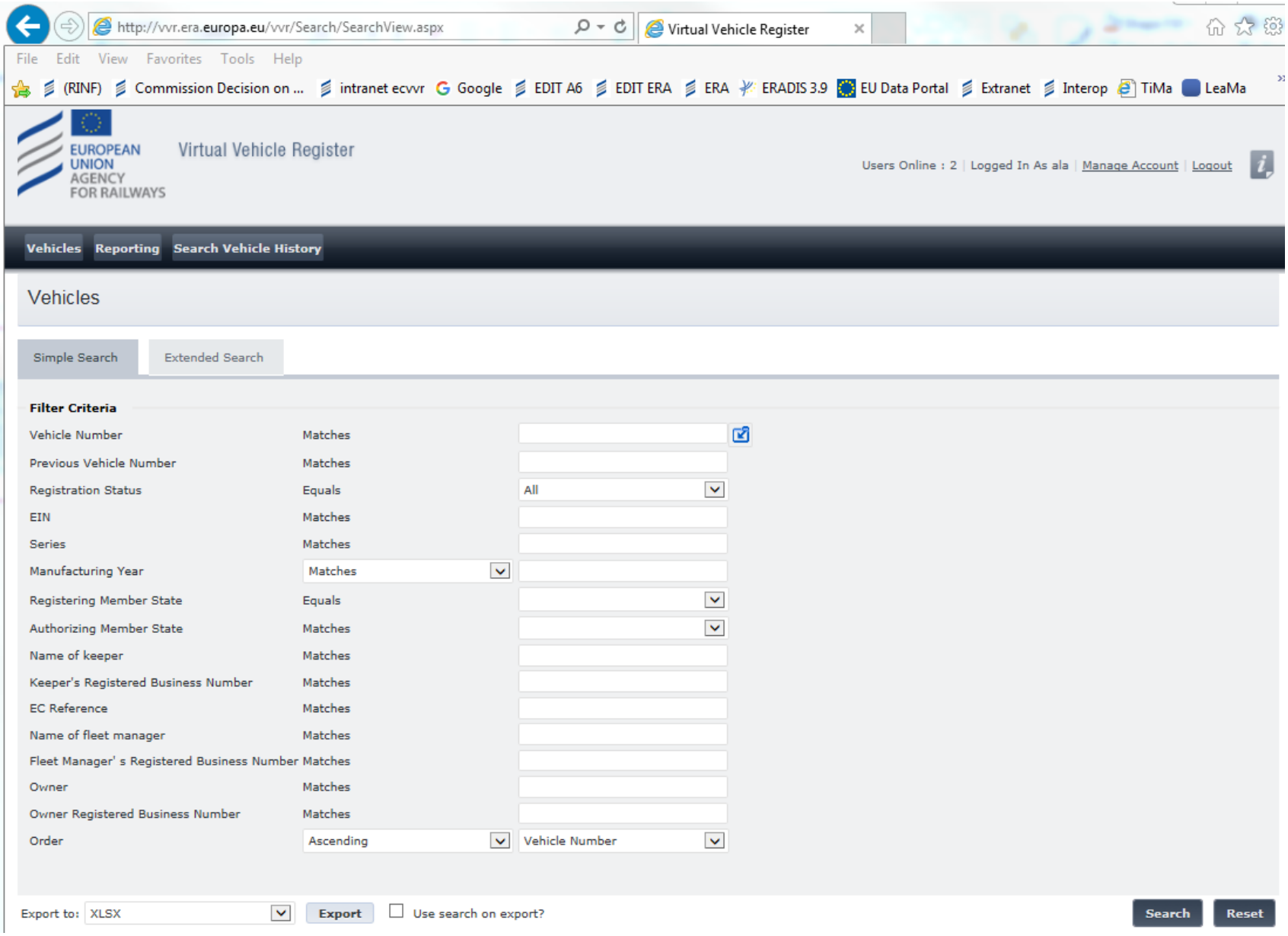
Register of all vehicles in service:

- Kept by each EU Member State (and each non-EU OTIF Contracting State).
- Information on authorization, responsible Keeper, Owner, ECM, reference to the associated type in ERATV.
- Accessible to authorities and to railway actors on the base of predefined access rights.
- Over 1 million vehicles registered in ECVVR.
- The NVRs and the search engine VVR (Virtual Vehicle Register) in ERA constitute ECVVR (European Centralized Virtual Vehicle Register). http://vvr.era.europa.eu/VVR

ECVVR connections map – March 2017



VVR Interface



Questions and answers

For more information please visit Agency Register website:
http://www.era.europa.eu/Core-Activities/Pages/Registers.aspx

Making the railway system work better for society.

Follow us on Twitter: @ERA_railways