

EU Railway legislation Actors interacting with RID

TCT – RID Workshop | 10 December 2024



EUROPEAN
UNION
AGENCY
FOR RAILWAYS

Timeline of EU Railway Legislation



Technical Specifications
for Interoperability
(TSI) Common Safety
Methods
(CSMs)



The EU Railway Agency (4th RP)

An Agency of the European Union established by the [Regulation \(EU\) 2016/796](#).

Its purpose is to support the development of a Single European Railway Area, without frontiers, guaranteeing a high level of safety.

Moving Europe towards a sustainable and safe railway system without frontiers

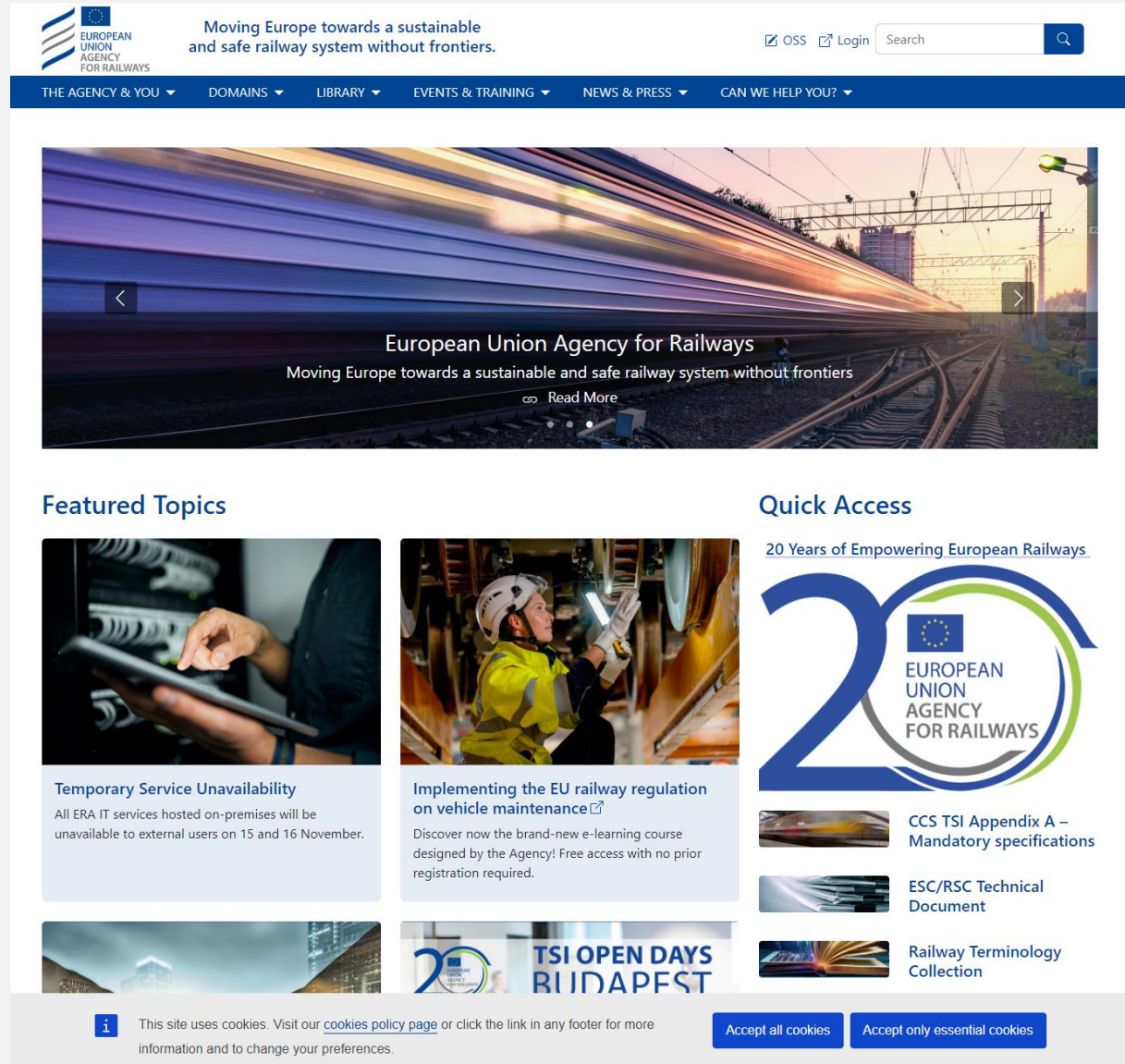
We are committed to achieve this by:

- Providing certifications, authorisations and approvals services to the railway sector;
- Developing a common approach to safety on the European Rail Traffic Management System (ERTMS);
- Monitoring National Safety Authorities (NSAs) and Notified Bodies;
- Assistance (e.g. dissemination, training) to member states, NSAs and stakeholders;
- Providing technical support to the European Commission, and
- Promoting simplified access for customers for the European rail sector.

More details on our activities are available in our [Single Programming Document](#).

The Headquarter of the Agency is in Valenciennes, with some facilities in Lille dedicated to specific events. Please consult following link [here](#) for the Agency's mission, vision and values.

ERA website



The screenshot shows the homepage of the European Union Agency for Railways (ERA). At the top, there is a navigation bar with the agency's logo and tagline: "Moving Europe towards a sustainable and safe railway system without frontiers." To the right of the tagline are links for "OSS", "Login", and a search box. Below the navigation bar is a main banner featuring a blurred image of a train in motion. The banner text reads: "European Union Agency for Railways" and "Moving Europe towards a sustainable and safe railway system without frontiers", with a "Read More" link. Below the banner are two columns of featured topics and quick access links. The "Featured Topics" column includes "Temporary Service Unavailability" and "Implementing the EU railway regulation on vehicle maintenance". The "Quick Access" column includes "20 Years of Empowering European Railways" with a large "20" graphic, and links to "CCS TSI Appendix A – Mandatory specifications", "ESC/RSC Technical Document", and "Railway Terminology Collection". At the bottom, there is a cookie consent banner with an information icon and two buttons: "Accept all cookies" and "Accept only essential cookies".

EUROPEAN UNION AGENCY FOR RAILWAYS

Moving Europe towards a sustainable and safe railway system without frontiers.

OSS Login Search

THE AGENCY & YOU DOMAINS LIBRARY EVENTS & TRAINING NEWS & PRESS CAN WE HELP YOU?

European Union Agency for Railways

Moving Europe towards a sustainable and safe railway system without frontiers

Read More

Featured Topics

Temporary Service Unavailability
All ERA IT services hosted on-premises will be unavailable to external users on 15 and 16 November.

Implementing the EU railway regulation on vehicle maintenance
Discover now the brand-new e-learning course designed by the Agency! Free access with no prior registration required.

Quick Access

[20 Years of Empowering European Railways](#)

EUROPEAN UNION AGENCY FOR RAILWAYS

CCS TSI Appendix A – Mandatory specifications

ESC/RSC Technical Document

Railway Terminology Collection

TSI OPEN DAYS BUDAPEST

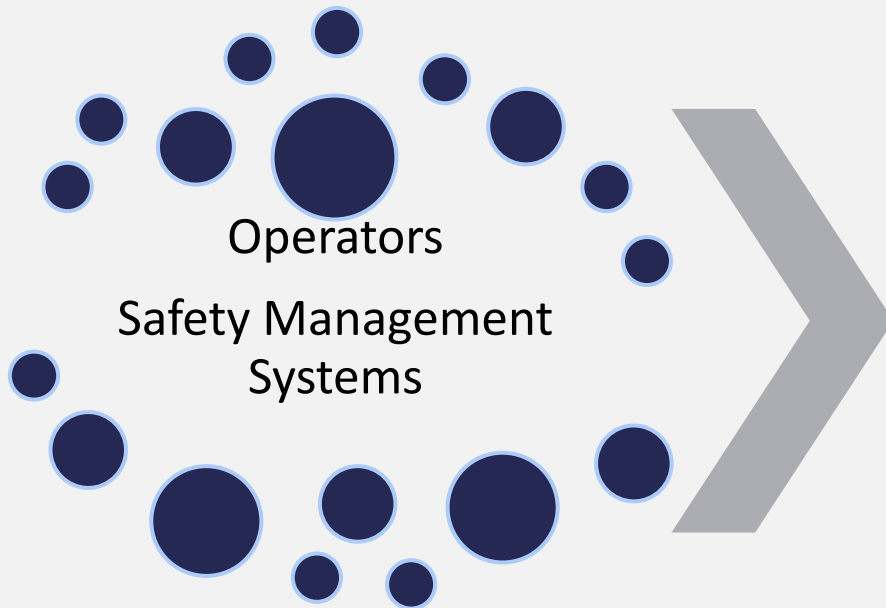
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EU Railway Safety

Principle approach

Safety Certificate (RU)
Safety Authorisation (IM)



RU and IM
responsibles for safe
operation

Plan
Do
Check
Act

Supervision by NSA

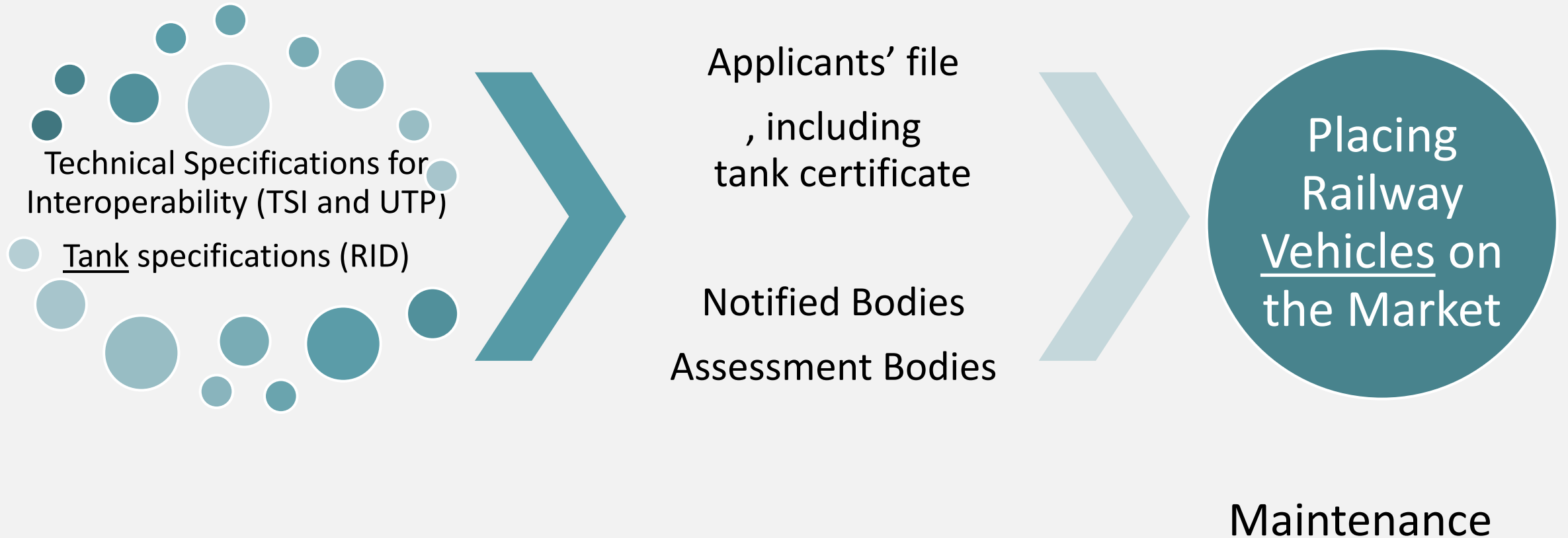


Improved
Safety

5 years review cycle

EU Railway Interoperability

Example for railway vehicles



Roles and obligations

15 EU relevant legislative texts interfacing with RID

1. Risk evaluation and assessment
2. Safety Management Systems
3. Safety authorisation of the infrastructure manager
4. Safety certification of a railway undertaking
5. Monitoring of SMS functioning
6. Assessment of operators' safety (inc. new CSM ASLP)
7. Supervision of SMS implementation
8. Emergency situation management (planning)
9. Reporting of occurrences (inc. new CSM ASLP)
10. Investigation of occurrences
11. National rules
12. Certification of tanks
13. Vehicle authorisation of tank-wagons
14. Registration of tank-wagons
15. Maintenance of tank-wagons

Administrative actor	Responsible actor	Applicant (subject) actor	Contributing actor (or service providers)	Informed actor (sharing of information)
AsBo	IM RU ECM		SAFETY ADVISOR	
	IM RU ECM		SAFETY ADVISOR	
	NSA	IM	SAFETY ADVISOR	TDG CA
	ERA NSA	RU	SAFETY ADVISOR	TDG CA
	IM RU ECM SAFETY ADVISOR			
	ERA	IM RU	NSA SAFETY ADVISOR TDG CA	NSA NIB TDG CA
	NSA	IM RU	SAFETY ADVISOR TDG CA	
	IM RU		NSA SAFETY ADVISOR TDG CA Emergency services	
ERA	IM RU ECM		NSA SAFETY ADVISOR TDG CA NIB	TDG CA
ERA	NIB	IM RU	SAFETY ADVISOR + other as needed	EU-MS OTIF
EC ERA	EU-MS		TDG CA	
	TDG CA TDG CA InsBo	APPLICANT	MANUFACTURER	
ERA	ERA NSA	APPLICANT	NoBo	TDG CA
ERA	NSA	APPLICANT	RU KEEPER	TDG CA
AccBo RecBo NSA	ECM	RU	KEEPER SAFETY ADVISOR InsBo	TDG CA

ERA and TDG legislation

[Regulation \(EU\) 2016/796](#)

Reads:

“

Article 17

Transport of dangerous goods by rail

The Agency shall follow developments in the legislation dealing with the transport of dangerous goods by rail within the meaning of Directive 2008/68/EC of the European Parliament and of the Council ⁽¹⁾ and shall, together with the Commission, ensure that such developments are consistent with the legislation dealing with rail safety and interoperability, in particular the essential requirements. To that end, the Agency shall assist the Commission and may issue recommendations at the Commission's request or on its own initiative.

”

ERA contributions to TDG

Examples of ERA contributions in TDG field (since 2007):

- Initiating an EU research project on freight train derailments
- Two recommendations on freight train derailments prevention and mitigation, inc. legislative workplan
- Integration of ECM actor in RID
- Establishment of Joint Coordinating Group of Experts
- Specifications of interoperable derailment prevention and mitigation (TSI/UTP Wagon)
- Inland TDG Risk Management Framework (reference in RID 1.9)
- Placing TDG tank-wagons on the market
- (on-going) Migration of (RID) wagon requirements in Uniform Technical Prescriptions (TSI/UTP wagon)
- (on-going) Improvement of TDG occurrence reporting system (RID/ADR/ADN)
- (on-going) Digital Automatic Coupling ...



THANK YOU

Moving Europe towards a sustainable and safe railway system without frontiers.

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