ERA support to TCT via IPA II Project

2nd meeting of the TCT railway group

Belgrad 18/09/2019

EUROPEAN
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ERA – IPA activities 2019

January	February	March	April	May	June	July	August	September	October	November	December
1 Tu New Year's Day	1 Fr	1 Fr	1 Mo	1 We	1 Sa	1 Mo	1 Th	1 Su	1 Tu	1 Fr	1 Su
2 We	2 Sa	2 Sa	2 Tu	2 Th	2 Su	2 Tu	2 Fr	2 Mo	2 We	2 Sa	2 Mo
3 Th	3 Su	3 Su	3 We	3 Fr	3 Mo	3 We	3 Sa	3 Tu	3 Th	3 Su	3 Tu
4 Fr	4 Mo	4 Mo	4 Th IPA NIB Albania	4 Sa	4 Tu	4 Th	4 Su	4 We	4 Fr	4 Mo	4 We
5 Sa	5 Tu	5 Tu	5 Fr	5 Su	5 We	5 Fr	5 Mo	5 Th	5 Sa	5 Tu NSA network	5 Th
6 Su	6 We	6 We	6 Sa	6 Mo	6 Th	6 Sa	6 Tu	6 Fr	6 Su	6 We NSA Network	6 Fr
7 Mo	7 Th	7 Th	7 Su	7 Tu	7 Fr	7 Su	7 We	7 Sa	7 Mo	7 Th	7 Sa
8 Tu	8 Fr	8 Fr	8 Mo	8 We	8 Sa	8 Mo	8 Th	8 Su	8 Tu	8 Fr	8 Su
9 We	9 Sa	9 Sa	9 Tu	9 Th	9 Su	9 Tu	9 Fr	9 Mo	9 We	9 Sa	9 Mo
10 Th	10 Su	10 Su	10 We	10 Fr	10 Mo	10 We	10 Sa	10 Tu	10 Th	10 Su	10 Tu
11 Fr	11 Mo	11 Mo	11 Th	11 Sa	11 Tu	11 Th	11 Su	11 We	11 Fr	11 Mo	11 We
12 Sa	12 Tu SVS & safety culture	12 Tu	12 Fr	12 Su	12 We	12 Fr	12 Mo	12 Th	12 Sa	12 Tu	12 Th
13 Su	13 We SVS & safety culture	13 We	13 Sa	13 Mo	13 Th	13 Sa	13 Tu	13 Fr	13 Su	13 We Safety Culture	13 Fr
14 Mo	14 Th SVS & safety culture	14 Th	14 Su	14 Tu	14 Fr	14 Su	14 We	14 Sa	14 Mo	14 Th Safety Culture	14 Sa
15 Tu	15 Fr	15 Fr	15 Mo	15 We IPA NIB BiH	15 Sa	15 Mo	15 Th	15 Su	15 Tu ERTMS Conference	15 Fr	15 Su
16 We	16 Sa	16 Sa	16 Tu	16 Th IPA NIB BiH	16 Su	16 Tu	16 Fr	16 Mo	16 We CCRCC	16 Sa	16 Mo
17 Th	17 Su	17 Su	17 We	17 Fr	17 Mo	17 We	17 Sa	17 Tu	17 Th CCRCC	17 Su	17 Tu
18 Fr	18 Mo	18 Mo	18 Th	18 Sa	18 Tu	18 Th	18 Su	18 We	18 Fr	18 Mo	18 We
19 Sa	19 Tu	19 Tu	19 Fr	19 Su	19 We	19 Fr	19 Mo	19 Th	19 Sa	19 Tu	19 Th
20 Su	20 We	20 We	20 Sa	20 Mo	20 Th	20 Sa	20 Tu	20 Fr	20 Su	20 We	20 Fr
21 Mo	21 Th	21 Th	21 Su	21 Tu IPA NIB	21 Fr	21 Su	21 We	21 Sa	21 Mo	21 Th	21 Sa
22 Tu	22 Fr	22 Fr	22 Mo	22 We 40th NIB network	22 Sa	22 Mo	22 Th	22 Su	22 Tu NIB peer review	22 Fr	22 Su
23 We	23 Sa	23 Sa	23 Tu	23 Th 40th NIB network	23 Su	23 Tu	23 Fr	23 Mo	23 We NIB peer review	23 Sa	23 Mo
24 Th	24 Su	24 Su	24 We	24 Fr	24 Mo	24 We	24 Sa	24 Tu IPA clean NR Dumas	24 Th NIB peer review	24 Su	24 Tu
25 Fr	25 Mo	25 Mo	25 Th	25 Sa	25 Tu	25 Th	25 Su	25 We IPA clean NR Dumas	25 Fr	25 Mo	25 We Christmas Day
26 Sa	26 Tu	26 Tu	26 Fr	26 Su	26 We	26 Fr	26 Mo	26 Th	26 Sa	26 Tu	26 Th
27 Su	27 We	27 We	27 Sa	27 Mo	27 Th IPA clean NR Istanbul	27 Sa	27 Tu	27 Fr	27 Su	27 We	27 Fr
28 Mo	28 Th	28 Th	28 Su	28 Tu	28 Fr	28 Su	28 We	28 Sa	28 Mo	28 Th	28 Sa
29 Tu		29 Fr	29 Mo	29 We	29 Sa	29 Mo	29 Th	29 Su	29 Tu	29 Fr	29 Su
30 We		30 Sa	30 Tu	30 Th	30 Su	30 Tu	30 Fr	30 Mo	30 We	30 Sa	30 Mo
31 Th		31 Su		31 Fr		31 We	31 Sa		31 Th		31 Tu

IPA taskforce on Cleaning up of National rules
1st meeting Istanbul 27-06-2019

EUROPEAN UNION AGENCY FOR RAILWAYS

Making the railway system work better for society.

1st IPA-Task Force "cleaning up of national rules"
ISTANBUL - Thursday, 27th of June 2019

Adress: TCDD Fenerbahçe Sosyal Tesisleri

Fenerbahçe Mahallesi

Caddesi (Fener Kalamış Road), Atlıhan Sokak (Atlıhan Street), Nu:97/1

Kadıköy/İstanbul

Draft Annotated Agenda

Start: 09.00h (local time) - end: 16.00h (local time)

Please note – all indicated times are Istanbul local time!

Time	*Item*	*Speaker(s)*
08:30 – 09:00	Registration of Participants	
09:00 – 09:15	**Welcome of the participants** Opening of the meeting, practical information by the hosts	Peter Mihm (ERA) TCDD-representative
09:10 – 09:30	**Agreement on agenda and tour de Table** **short presentation of participants**	All
09:30 - 09:40	**Actual information on Activities related to IPA**	Peter Mihm (ERA)
09:40 – 11:00	**Aim, Structure, Organisation and working procedure of the taskforce for cleaning up of national rules (how to compare and classify rules applied, discussion and composition in taskforce meetings, results to be documented …)**	
11:00 - 11:20	**Coffee break**	
11:20 – 13.00	**Structure of Spreadsheet – list of parameters, working method for classification**	
13:00 – 14:00	**Lunch Break**	
14:00 – 15:00	**Continuation – taskforce cleaning up of rules – spreadsheet**	
15:00 – 15:30	**Conclusions of the taskforce meeting** **preparation of 2nd meeting of the taskforce**	
15:30 – 15:45	**IPA summit 2019 – preparations and next steps (signing of Safety Culture Declaration 13/14th of November 2019)**	
15:45 – 16:00	**AOB**	
16:00	**End of the meeting**	

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EUROPEAN UNION AGENCY FOR RAILWAYS

Some history - Germany

EUROPEAN UNION AGENCY FOR RAILWAYS

Some history – Western Balkans

Cleaning up of National Rules National Reference document

ažp

Public Agency for Rail Transport of Republic Slovenia

Director

Kopitarjeva ul. 5, 2000 Maribor
telefon: +386-2-2341-427
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e-mail: gp.azp@azp.si
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Our Ref. No.: 3755 - 2/2010 ZP 2 03303
Date: 7. 6. 2010

European Railway Agency
Cross Acceptance Unit
Mr. Peter Mihm
120, Rue Marc Lefrancq
BP 20392
F – 59307 Valenciennes

Subject : **National Reference Document for Slovenia – Version 1.1**

Dear Mr. Mihm,

Please find enclosed an updated signed version 1.1 of the national reference documents for the Republic of Slovenia. Document was updated in certain point and is different from version 1.0.

The updated version was delivered to the ERA by e-mail and regular post.

Your sincerely,

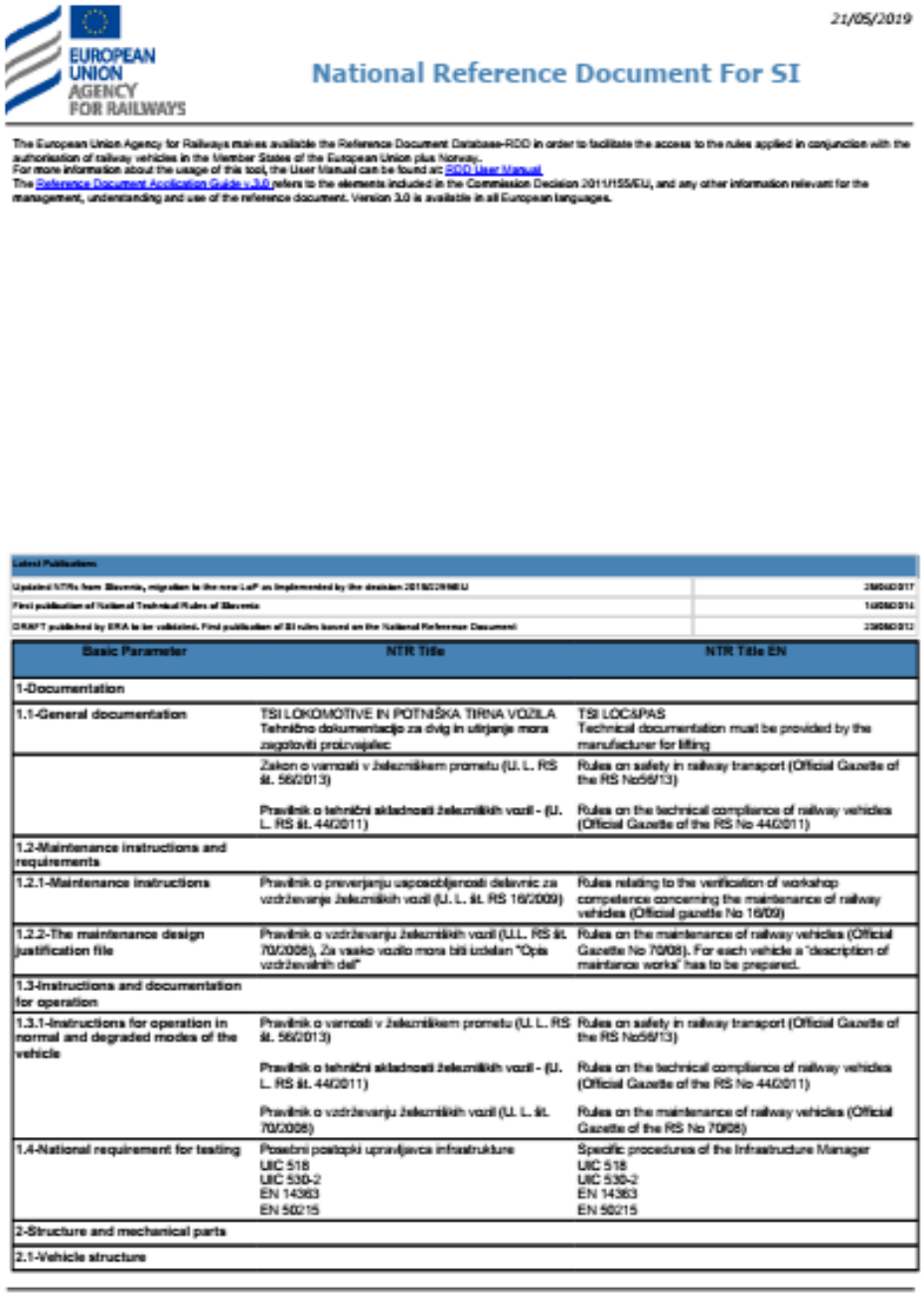
Prepared by: Zvonko Kopčič

By authorisation no: 909 -1/2010 ZP 30
from date 03.06.2010

Benjamin Steinbacher Pušnjak

- **Enclosure**: National Reference Document: Slovenia (23 Pages)

Cleaning up of National Rules Reference document database



EUROPEAN UNION AGENCY FOR RAILWAYS

21/05/2019

National Reference Document For SI

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: RDD User Manual
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.

Latest Publications	
Updated NTRs from Slovenia, migration to the new LoP as implemented by the decision 2018/2298/EU	28/06/2017
First publication of National Technical Rules of Slovenia	14/08/2014
DRAFT published by ERA to be validated. First publication of SI rules based on the National Reference Document	23/08/2012

Basic Parameter	NTR Title	NTR Title EN
1-Documentation		
1.1-General documentation	TSI LOKOMOTIVE IN POTNIŠKA TIRNA VOZILA Tehnično dokumentacijo za dvig in utirjanje mora zagotoviti proizvajalec	TSI LOC&PAS Technical documentation must be provided by the manufacturer for lifting
	Zakon o varnosti v železniškem prometu (U. L. RS št. 56/2013) Pravilnik o tehnični skladnosti železniških vozil - (U. L. RS št. 44/2011)	Rules on safety in railway transport (Official Gazette of the RS No56/13) Rules on the technical compliance of railway vehicles (Official Gazette of the RS No 44/2011)
1.2-Maintenance instructions and requirements		
1.2.1-Maintenance instructions	Pravilnik o preverjanju usposobljenosti delavnic za vzdrževanje železniških vozil (U. L. št. RS 16/2009)	Rules relating to the verification of workshop competence concerning the maintenance of railway vehicles (Official gazette No 16/09)
1.2.2-The maintenance design justification file	Pravilnik o vzdrževanju železniških vozil (U.L. RS št. 70/2008), Za vsako vozilo mora biti izdelan "Opis vzdrževalnih del"	Rules on the maintenance of railway vehicles (Official Gazette No 70/08). For each vehicle a "description of maintance works" has to be prepared.
1.3-Instructions and documentation for operation		
1.3.1-Instructions for operation in normal and degraded modes of the vehicle	Pravilnik o varnosti v železniškem prometu (U. L. RS št. 56/2013) Pravilnik o tehnični skladnosti železniških vozil - (U. L. RS št. 44/2011) Pravilnik o vzdrževanju železniških vozil (U. L. št. 70/2008)	Rules on safety in railway transport (Official Gazette of the RS No56/13) Rules on the technical compliance of railway vehicles (Official Gazette of the RS No 44/2011) Rules on the maintenance of railway vehicles (Official Gazette of the RS No 70/08)
1.4-National requirement for testing	Posebni postopki upravljavca infrastrukture UIC 518 UIC 530-2 EN 14363 EN 50215	Specific procedures of the Infrastructure Manager UIC 518 UIC 530-2 EN 14363 EN 50215
2-Structure and mechanical parts		
2.1-Vehicle structure		

Page 1 of 14

Cleaning up of National Rules
Evaluation Report

Evaluation Report of remaining national rules in addition to the latest TSIs in force for the Rolling Stock and onboard CCS subsystems

Document Type: Report — Document ID: ERA-PRG-006-REP-RST

Origin: ERA — Activity Based Item: SPD 2016 Reducing technical barriers § 5.2.2 point 10

Unit: Railway System — Team : Fixed Installation and Rolling Stock, ERTMS

	Elaborated by	*Validated by*	*Approved by*
Name	Nordine Boussouf Benoit Debusschere Florinel Melinte Hans Bierlein	Olivier Piron	Pio Guido
Position	Project Officers	Team Leader	Head of Unit
Date	11/06/2019	11/06/2019	11/06/2019
Signature			

Document History

Version	*Date*	*Comments*
1.0	11/06/2019	Final

Cleaning up of National Rules Evaluation report (2)

EUROPEAN UNION AGENCY FOR RAILWAYS

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EUROPEAN UNION AGENCY FOR RAILWAYS

Cleaning up of National Rules
1st meeting Istanbul

Harmonised signalling system – ERTMS / ETCS
CCRCC 2019

ERA > #CCRCC2019 – The ERTMS conference

#CCRCC2019 – The ERTMS conference

Tweet Share

#CCRCC2019 – The ERTMS conference

Related documents

15-17 Oct 2019

Location: Valenciennes

Participants: EU rail stakeholders, EU and national politicians, signalling experts, IT experts

European Union Agency for Railways (ERA)

at Valenciennes
VALENCIENNES - FRANCE

15/10/2019, 14h00 – 18h30
16/10/2019, 09h00 – 18h50
17/10/2019, 09h00 – 16h30

Following the successful events in 2015 and 2017, it is our pleasure to announce the **#CCRCC2019 / ERTMS conference held from 15-17 October in Valenciennes**.

Harmonised signalling – ERTMS / ETCS
CCRCC 2019 (2)

Following the successful events in 2015 and 2017, it is our pleasure to announce the **#CCRCC2019 / ERTMS conference held from 15-17 October in Valenciennes**.

After having reached system maturity with stable specifications, ERTMS roll out has been intensified under the European Commission's action plan. With the entry into force of the Fourth Railway package, digitalisation and the advent of big data, the rail sector is facing new challenges, which will be addressed at the conference.

Identifying common ground among Europe's leading ERTMS experts - from the European Commission, the railway sector, vendors, users, and the ERA - shall ensure a smooth transition from the status quo into the digital future.

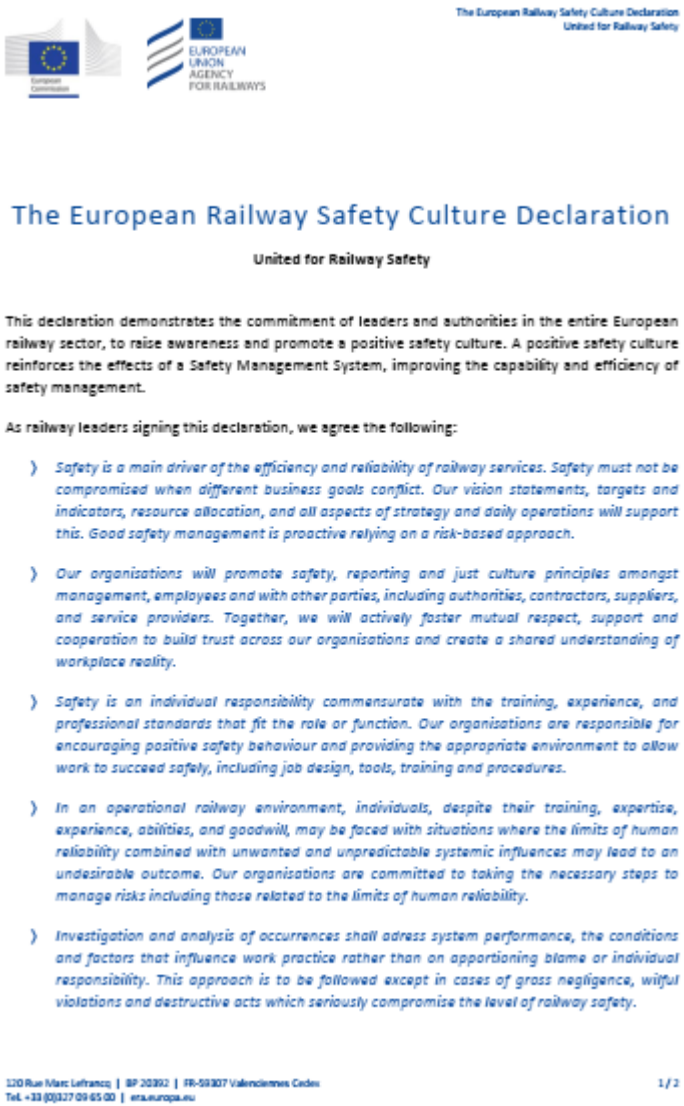
In order to get participants more involved and to foster dialogue among the community we have added one conference day, in which workshops will be held that will feed into the conference sessions on days two and three. In session one there will be 6 workshops in parallel and in session two 5 of them will be repeated. This arrangement will give you the flexibility to attend 2 workshops covering different topics.

The conference topics will be:

- **ERTMS deployment** > what can be expected for the TSI CCS 2022/2023 release?
- **Vehicle Upgrade and vehicle authorisation topics** > experience and challenges from current projects.
- **ERTMS regulatory and funding framework** > status quo, first experience and outlook
- **Communication** > future railway mobile communication system (FRMCS) and GSM-R migration
- **Future transport system – Rail and CCS evolution** > digitalisation and big data shaping the future rail system

Attendance to the conference is subject to a registration fee of **200 Euros**. This registration fee covers the activities listed in the agenda and includes coffee breaks, lunch breaks and a cocktail in the evening of the 16th October.

Safety Culture declaration
IPA summit 2019 13-14 November 2019 Belgrade



The European Railway Safety Culture Declaration

United for Railway Safety

This declaration demonstrates the commitment of leaders and authorities in the entire European railway sector, to raise awareness and promote a positive safety culture. A positive safety culture reinforces the effects of a Safety Management System, improving the capability and efficiency of safety management.

As railway leaders signing this declaration, we agree the following:

- *Safety is a main driver of the efficiency and reliability of railway services. Safety must not be compromised when different business goals conflict. Our vision statements, targets and indicators, resource allocation, and all aspects of strategy and daily operations will support this. Good safety management is proactive relying on a risk-based approach.*
- *Our organizations will promote safety, reporting and just culture principles amongst management, employees and with other parties, including authorities, contractors, suppliers, and service providers. Together, we will actively foster mutual respect, support and cooperation to build trust across our organizations and create a shared understanding of workplace reality.*
- *Safety is an individual responsibility commensurate with the training, experience, and professional standards that fit the role or function. Our organisations are responsible for encouraging positive safety behaviour and providing the appropriate environment to allow work to succeed safely, including job design, tools, training and procedures.*
- *In an operational railway environment, individuals, despite their training, expertise, experience, abilities, and goodwill, may be faced with situations where the limits of human reliability combined with unwanted and unpredictable systemic influences may lead to an undesirable outcome. Our organizations are committed to taking the necessary steps to manage risks including those related to the limits of human reliability.*
- *Investigation and analysis of occurrences shall adress system performance, the conditions and factors that influence work practice rather than on apportioning blame or individual responsibility. This approach is to be followed except in cases of grass negligence, wilful violations and destructive acts which seriously compromise the level of railway safety.*

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Safety Culture declaration
IPA summit 2019 13-14 November 2019 Belgrade

- *Positive safety behaviour and initiatives are to be captured and shared within and across organisational boundaries to demonstrate that we value the continued improvement of safety.*
- *Individuals at all levels in our organisations take part in actively defining how to continuously develop, promote and regularly assess organisational principles and practices to foster a positive safety culture.*

Together, we can reach our goal for the European Union to be the world leader in railway safety.

ERA – Safety Culture understanding

Safety culture refers to the interaction between the requirements of the Safety Management System, how people make sense of them, based on their attitudes, values and beliefs and what they actually do, as seen in decisions and behaviours.
A positive safety culture is characterised by a collective commitment by leaders and individuals to always act safely, in particular when confronted with competing goals.

***Legal references:** Recast Railway Safety Directive - Directive (EU) 2016/798*

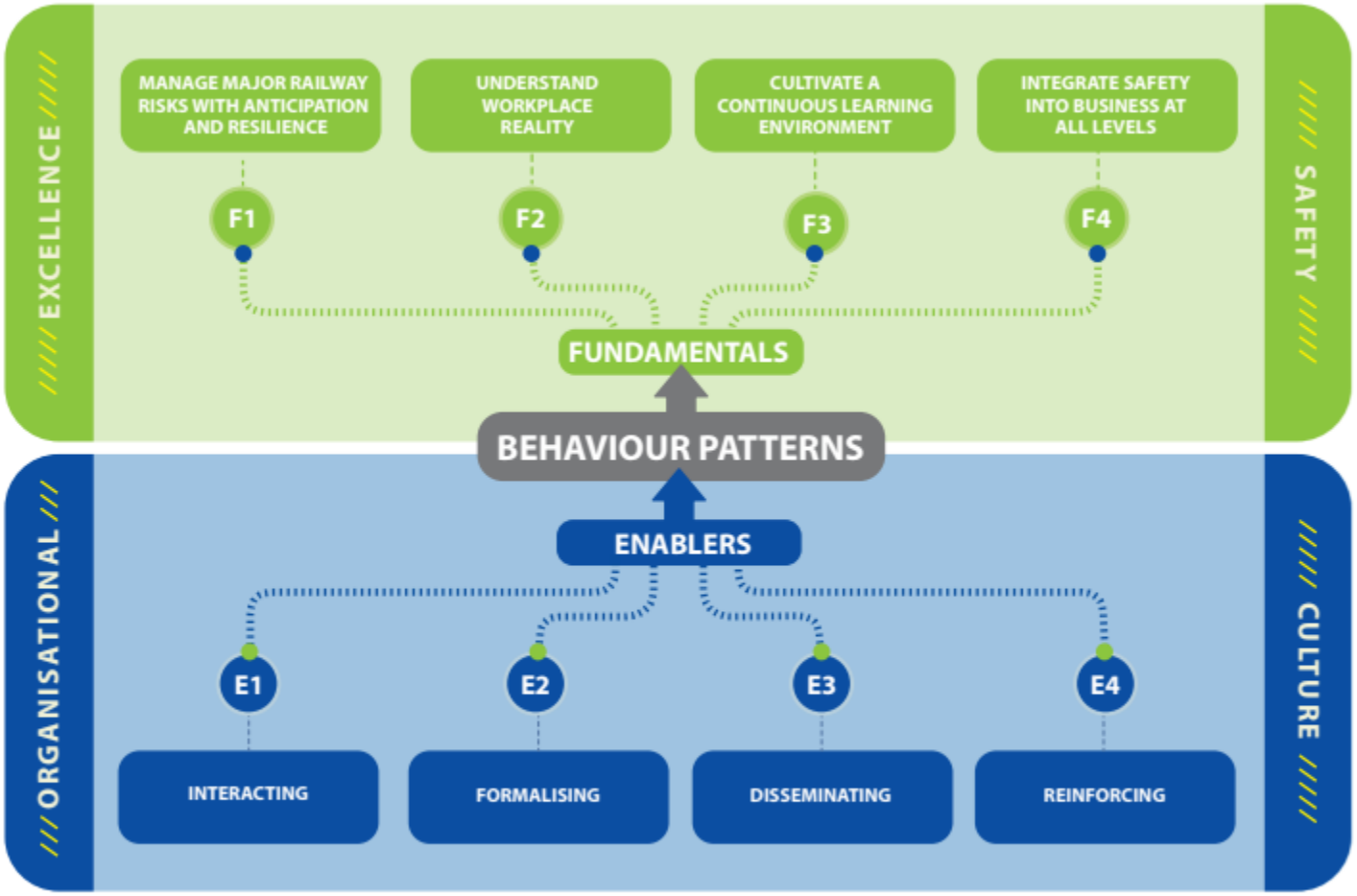
Recital 10: *Member States should promote a culture of mutual trust, confidence and learning in which the staff of railway undertakings and infrastructure managers are encouraged to contribute to the development of safety while confidentiality is ensured*

Article 9 (2): *Through the safety management system, infrastructure managers and railway undertakings shall promote a culture of mutual trust, confidence and learning, in which staff is encouraged to contribute to the development of safety while ensuring confidentiality.*

Article 29 (3): *The Agency shall evaluate the development of a safety culture including occurrence reporting. It shall submit to the Commission, by 16 June 2024, a report containing, where appropriate, improvements to be made to the system.*

Safety Culture declaration
IPA summit 2019 13-14 November 2019 Belgrade

Safety Culture declaration
IPA summit 2019 13-14 November 2019 Belgrade



EUROPEAN RAILWAY SAFETY CULTURE MODEL

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ISO 9001:2015
BUREAU VERITAS
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