TSI TAF/TAP

May 2016

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EU-Regulation TSI TAF

TAF TSI

TAF TSI sets the mandatory functional and technical specifications for exchanging data with an harmonised format between infrastructure managers, railway undertakings and other stakeholders.

TAF TSI – Messages to be exchanged

- Consignment Note Data
- Path Request
- Train Preparation
- Train Running Forecast
- Service Disruption Information
- Train Location
- Shipment ETA / Wagon ETI
- Wagon Movement
- Interchange Reporting
- Data Exchange for Quality Improvement
- The Main Reference Data
- Various Reference Files and Databases

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UIC-Masterplan 2013 TAF: Overview individual implementation dates and common UIC target date
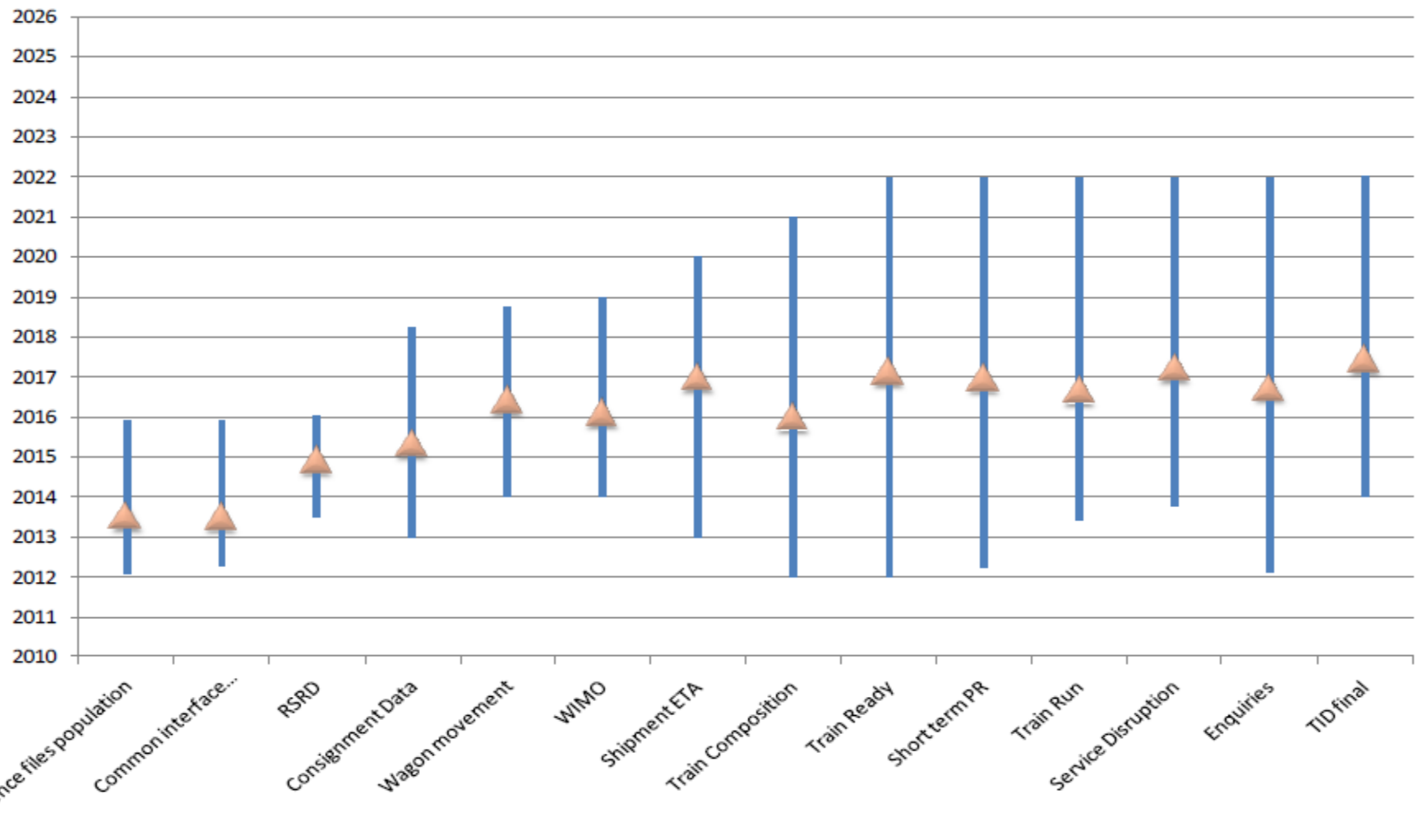
ERA: Common target implementation
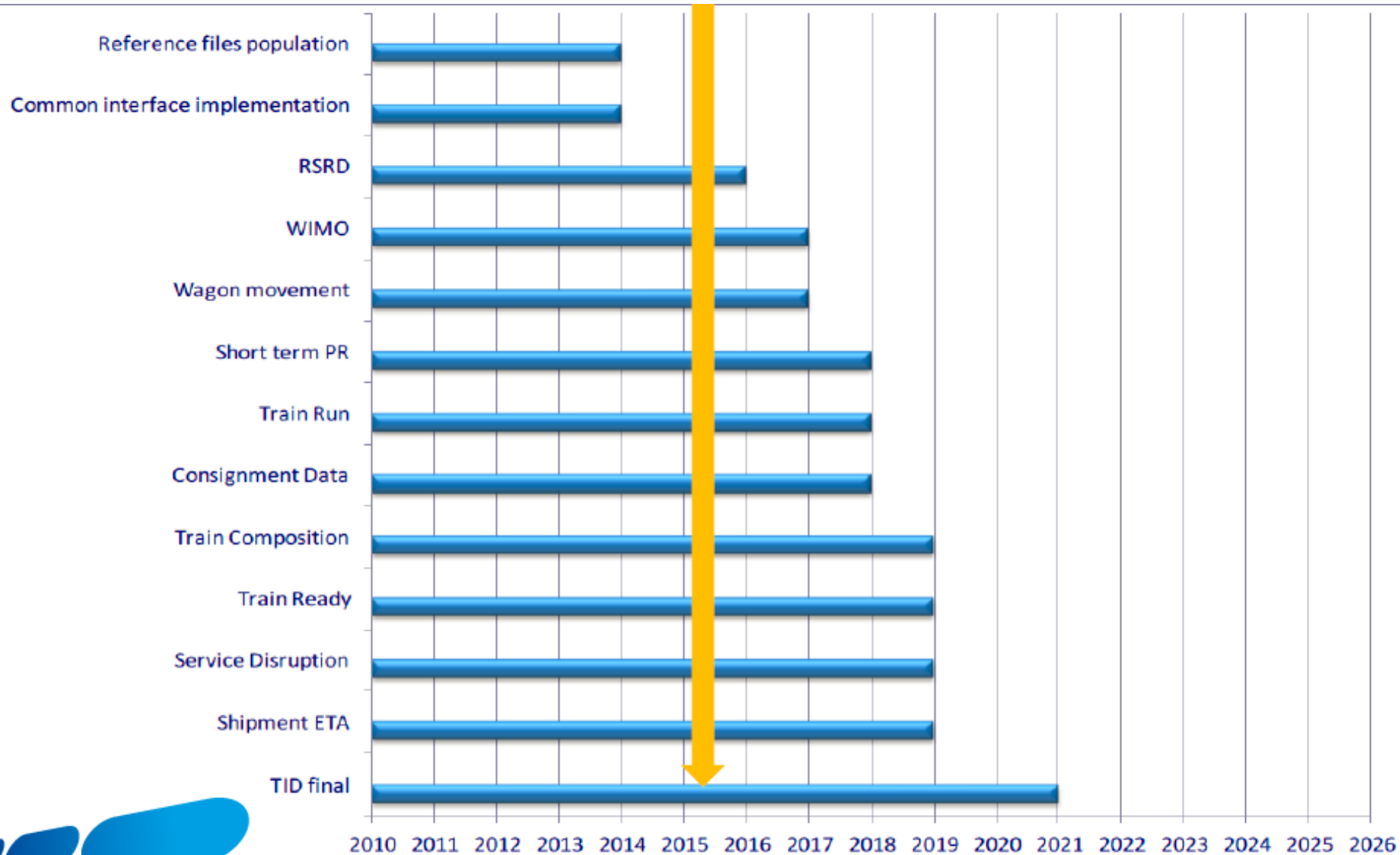
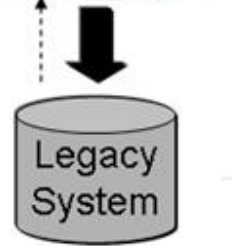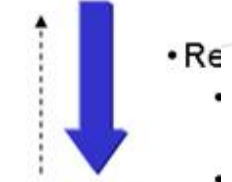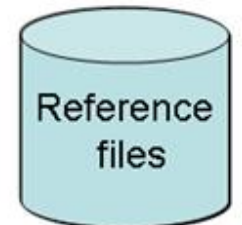# Central Repository Domain (CRD) with RF/CI

The Reference files comprise:
- Countries
- Companies
- Locations
  - Primary
  - Subsidiary

Country Code	A1	A2
	x	x
Code Example	D	E

Company Code	N1	N2	N3	N4
0001 - 9999	x	x	x	x
Code Example	3	3	4	5

	A1	A2	N3	N4	N5	N6	N7
Code Example	D	E	9	0	3	0	0
Data Description	Country Code	LocationPrimaryCode					

	A1	A2	N3	N4	N5	N6	N7	ID1	ID2	AN10	AN11	AN12	AN13	AN14	AN15	AN16	AN17	AN18	AN19	N1	N2	N3	N4
Code Example	D	E	9	0	3	0	0	0	2	1	2	3	4	5	6	7	8	9	0	3	3	4	5
Data Description	Country Code		LocationPrimaryCode					Location Subsidiary Type Code		LocationSubsidiaryCode										Allocation Company			

Reference files

Local Instance

Legacy System

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# Messages in IM <> RU communication

	Both TAP and TAP	TAP only	TAF only
Short Term Path Requests (Path Request, Path Details, Path Not Available, Path Confirmation, Path Cancellation, Path Details Refused, Path Utilisation Notification, Receipt Confirmation and the not legally imposed Dossier Messages)	X		
Train preparation • (Train Composition, Train Accepted, Train Not Suitable, Train Position, Train At Start) • (Train Ready) • (Train Not Ready [TAP only])	X	X	X
Train Running (Information, Forecast and Delay Cause)	X		
Service Disruption	X		
Change of Track/Platform		X	
Train Location (Enquiries and Responses)			X

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Short Term Path Request

2015
Poland
Austria

2016 - 2017
Italy
Portugal
Rumania
Switzerland
Belgium
Slovakia
Hungary
Sweden
Czech
France

2018
Germany

2020
Spain

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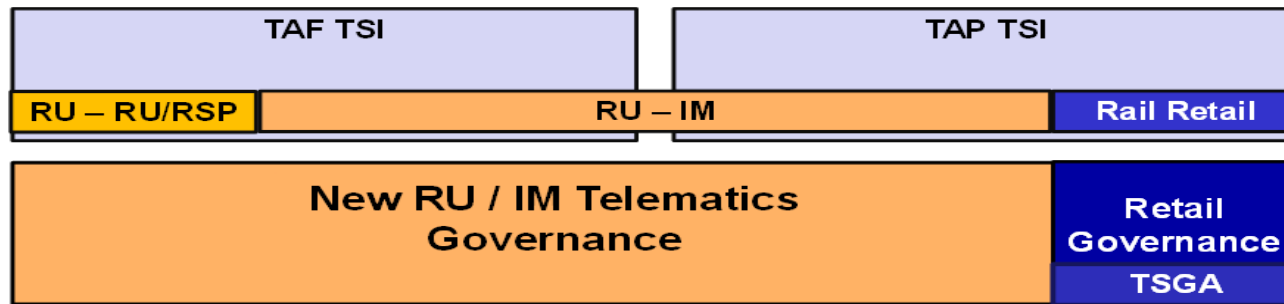
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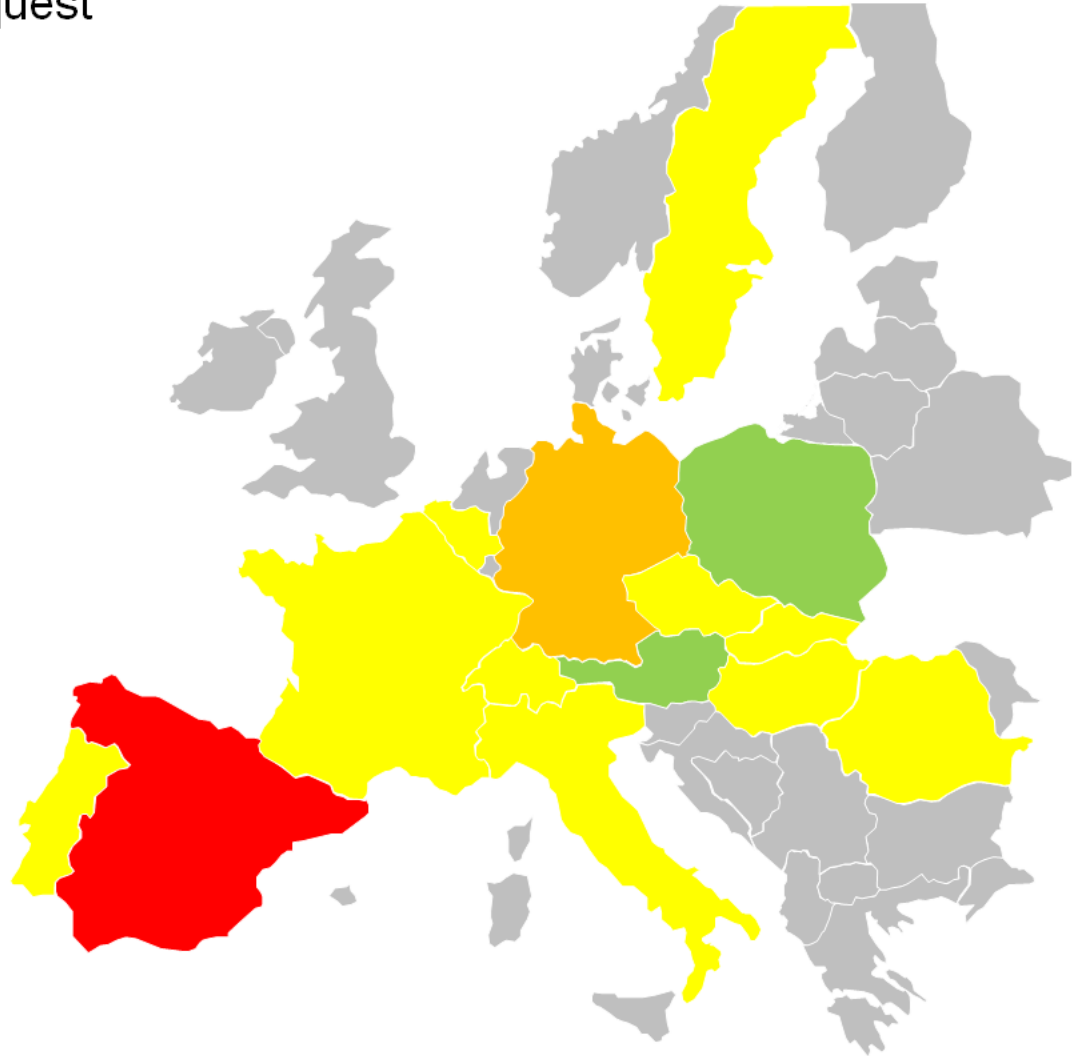
TAF Functions and involved systems and supplier
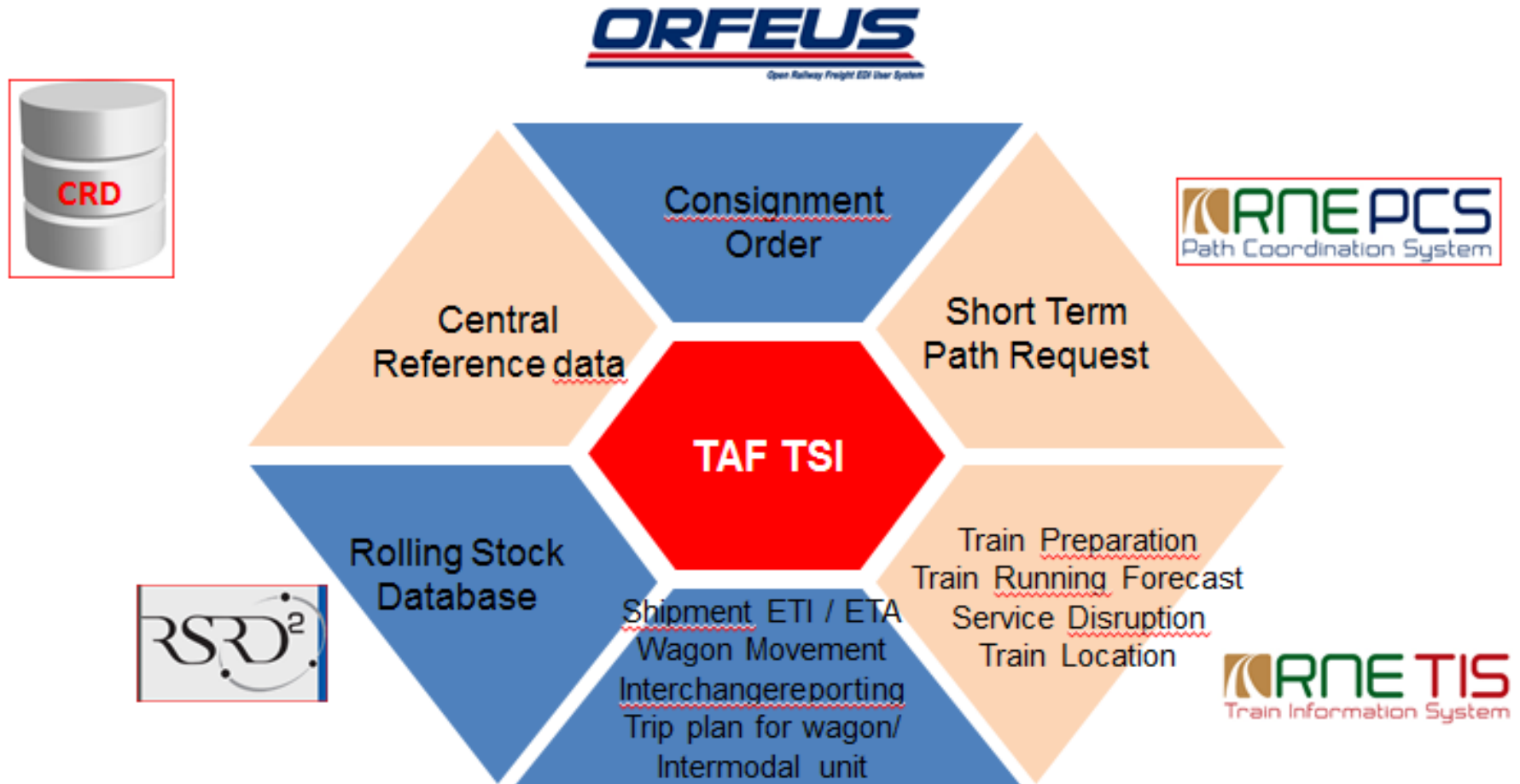
TAF/TAP Project organisation
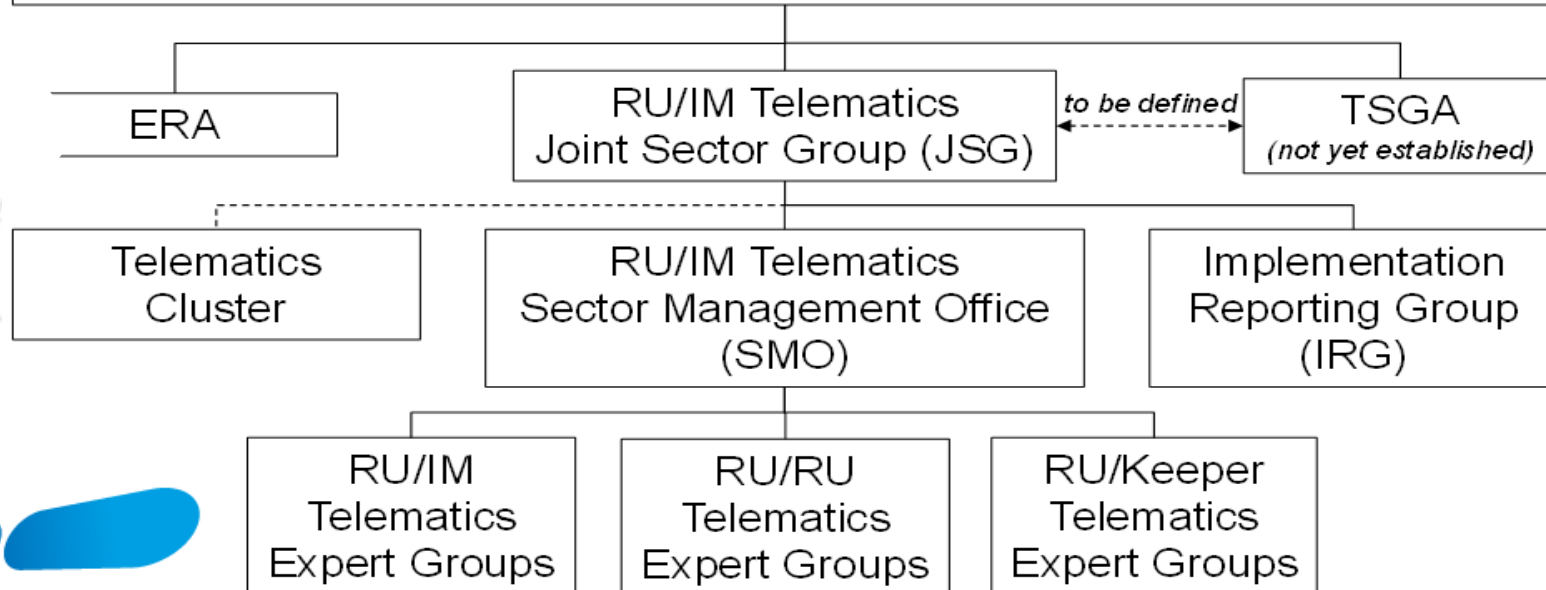
Questions?

Thank you for your attention

Back up slides

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ERA Reporting to EU Commission

Common Interface available at company level

The two graphs below summarizing the feedback related to the availability of common interfaces are showing a difference in level of fulfilment between IMs and RUs. The majority of RUs is still developing, while a number of IMs have already finished the implementation of the common interface.

Common Interface (19 IMs)

■ Number of IMs

Level of fulfilment	Number of IMs
0%	1
25%	2
50%	2
75%	7
100%	7

Common Interface (19 RUs)

■ Number of RUs

Level of fulfilment	Number of RUs
0%	1
25%	3
50%	11
75%	4
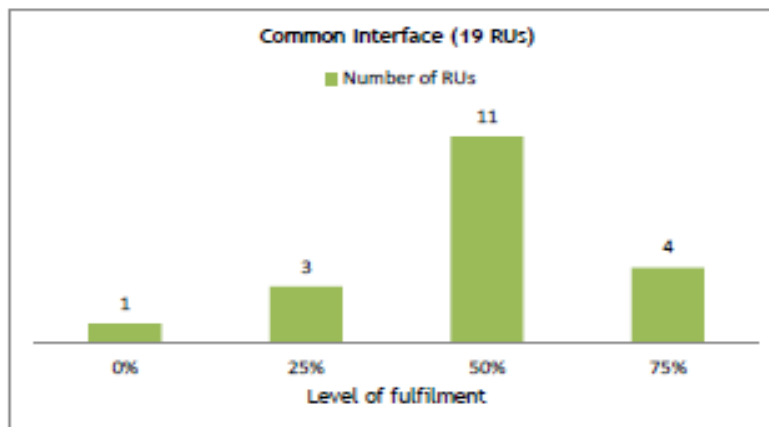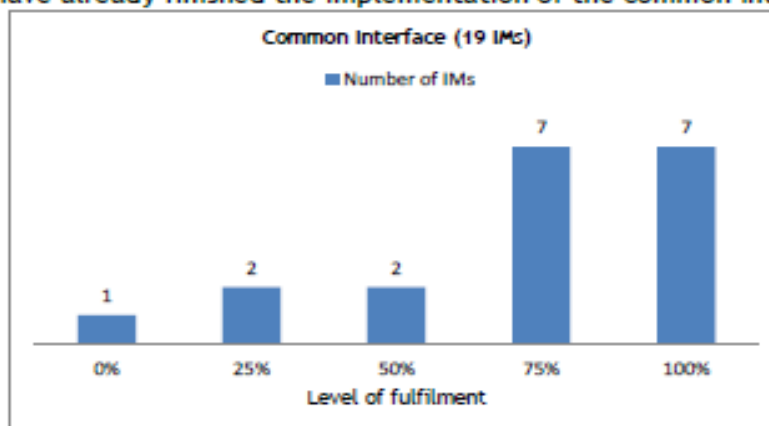
1ST STATUS REPORT IN 2014

OF THE EUROPEAN RAILWAY AGENCY

FOR

EUROPEAN COMMISSION

REGARDING

THE IMPLEMENTATION OF TAF TSI

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safer

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NCP CH	Achermann	Rudolf
NCP CZ	Neustadt	Marek
NCP DE	Kandels	Claus
NCP ES	Garcia Lozano	Vanessa
NCP FR	Thiam	Mafal
NCP GR	Dalivigas	Kostas
NCP HU	László	Pósalaki
NCP LV	Bukans	Indulis
NCP NL	Van der Gulik	Joost
NCP NO	Langaas	Terje
NCP PT	Mingacho	Patrícia
NCP RO	Ispim	Luigi
NCP SK	Magdechova	Katarina
NCP UK	Lawrence	Julia

TSI TAF
## Implementation of «Short Term Path Request»

Co-financed by the European Union
Connecting Europe Facility

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State of play

With regard to the Common Masterplan the exchange of TSI TAF messages for "Short Term Path Request" should have started as early as 2012 with a target implementation date of 2017 and a full implementation to be expected by 2021.
Several IM and RU have indicated that implementation might be delayed due to open questions.
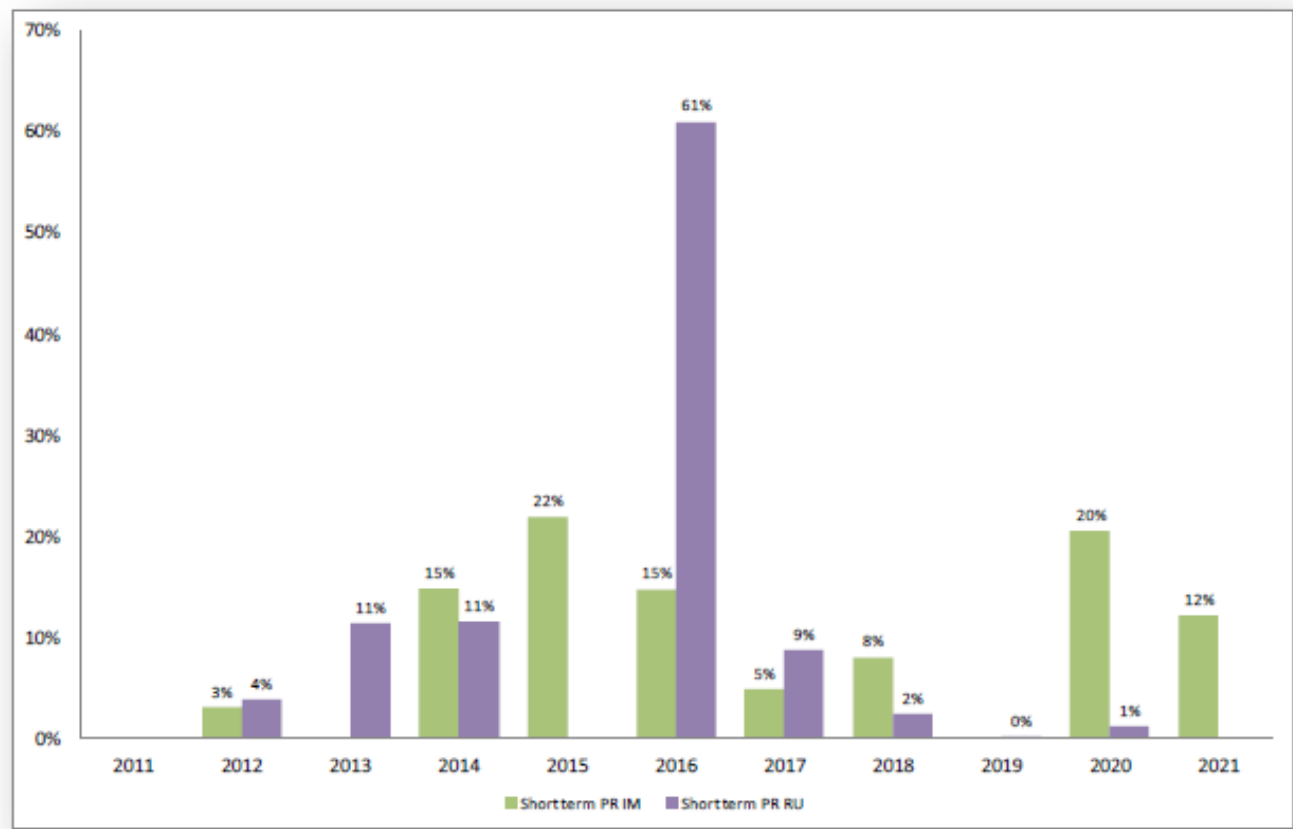
→ What is TAF/TAP complient? Manual/Automatic/CI-Interface?

→ What is „Short Term"?

→ Which timetable period is affected (annual, late, ad-hoc, operational)?

→ When are the CRD (locations) fully in use?

→ Which message is implemented by when?

→ Big bang or step-by-step implementation (P/F)?

→ Does the development of PCS affect the TAF/TAP implementation?

→ Does the RNE/FTE project „TT-Redesign" influences the TAF/TAP?

→ Is there a common agreed T-ID/P-ID migration plan?

→ Financing and sponsors?

→ RFC requirements?

→ …

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- On March 17th, 2016 the TAF JSG has decided that a common approach shall be worked out in order to support a smooth implementation of the „Path request" functions in TSI TAF. It was decided to establish a short questionnaire to be sent out with the 4th TAF reporting period

- On April 13th, 2016 the Telematic Expert Group „Planning" has supported this common approach

- The IRG will work out the questionnaire together with CER, ERA and RNE

- The questionnaire will be sent out the IM and RU contact persons in June 2016

- Feedback will be analyzed and further actions will be discussed (e.g. TAF/TAP Path Request Common-Roll-Out-Plan)

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