

**MEDITERRANEAN  
RAIL FREIGHT CORRIDOR**

Spain-France-Italy-Slovenia-Croatia-Hungary

## **13th Advisory Group TAG / RAG meeting**

Port Maritime de Marseille  
23, Place de la Joliette  
Marseille (France)

**Date: 27/02/2019 9:30-16:30**



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# TAG / RAG AGENDA

	Topic	Speaker	Time
	<b>TAG RAG Pre-meetings</b>	TAG-RAG Spokesmen	9:30 10:00
1	Welcome from Port of Marseille (Traffics / modal split, use of Corridor...)		10:00 10:30
2	Last TAG RAG follow up and new topics ➤ Spokesmen feedback & presentation; ➤ 12th TAG-RAG meeting follow-up (MD); ➤ Future developments on the corridor in Spain (ADIF); ➤ Shengen border's rail flows situation update (SZI); ➤ Focus on the study max train length: RUs point of view (PM); ➤ P400 Loading gauge upgrade study (SNCF Réseau+RFI).	Managing Director TAG RAG Spokesmen Project Manager, SZI ADIF, SNCF Réseau, RFI	10:30 12:00
3	UIRR Presentation (Service Facilities Portal).	UIRR	12 :00 12 :30
4	COSS state of play ➤ PaP Offer TT2020; ➤ TCRs updates; ➤ Cooperation among MED RFC and Amber RFC;	COSS leader	12:30 13:00
	Lunch		13:00 13:30
5	ICM developments ➤ RNE ICM handbook short overview; ➤ Med RFC Re-routing overview presentation; ➤ Q/A.	Deputy Director	13:00 13:30
6	TPM developments ➤ Performance reports and related meetings with RUs; ➤ Q/A.	Deputy Director	13:30 14:00
7	CIP and Last Mile	Project Manager	14:00 14:20
8	2019 Strategies and Projects for the Corridor ➤ Boost on Rail ➤ TTR Pilots	Managing Director	14:20 15:30
9	<b>Visit to Terminal</b>		15:30 16:30

# PRE-MEETINGS



# 1/ Welcome from Port of Marseille

Traffics / modal split, use of the corridor

## 2/ a Spokesmen feedback & presentation

Railways Undertakings' Advisory Group

## 2/ b Spokesmen feedback & presentation

Terminals' Advisory Group

## 2/12th TAG RAG meeting main issues:

- **RAG**: comments from RUs about **TT 2020 Commercial Offer**
- **RAG**: **TCRs** - major **harmonization of the interruptions between the various countries** (combine the infrastructural works in the same period of time and communicate the alternative routes to be used).
- **RAG**: Realization of **Standard Gauge track** on the **Spanish Part**.
- **RAG**: **Delays at Dobova and Villa Opicina border stations**.
- **TAG**: **Service Facility Portal** implementation

## 2 / 12th TAG RAG meeting main issues:

- Spokesmen feedback & presentation;
- 12<sup>th</sup> TAG-RAG meeting follow-up (MD);
- Future developments on the corridor in Spain (ADIF);
- Shengen border's rail flows situation update (SZ-I);
- Focus on the study max train length : RUs point of view (PM);
- P400 loading gauge extension possibilities (SNCF+RFI).



## 2/ 12<sup>th</sup> TAG RAG meeting main issues follow-up:

- RAG: comments from RUs about **TT 2020 Commercial Offer**
  - ☞ C-OSS will cover this issue
- RAG: **TCRs - harmonization of the interruptions between the various countries**
  - ☞ Med RFC TCR state of play (C-OSS)
- RAG: Realization of **Standard Gauge track** on the **Spanish Part**.
  - ☞ ADIF will cover this issue
- RAG: **Delays at Dobova border station and Villa Opicina border station.**
  - ☞ SZ-I will cover this issue
- TAG: **Service Facility Portal** implementation
  - ☞ UIRR presentation of Portal implementation

## 2 / Shengen border's rail flows situation update

## 2/ Focus on the study max train length: RUs point of view

# Max. Train length Report - 2019

## MAX. TRAIN LENGTH:



- Objective 740 m by 2030
- Rotterdam Declaration Priority # 7
- 2019 Med RFC – max. train length is very fragmented along the corridor

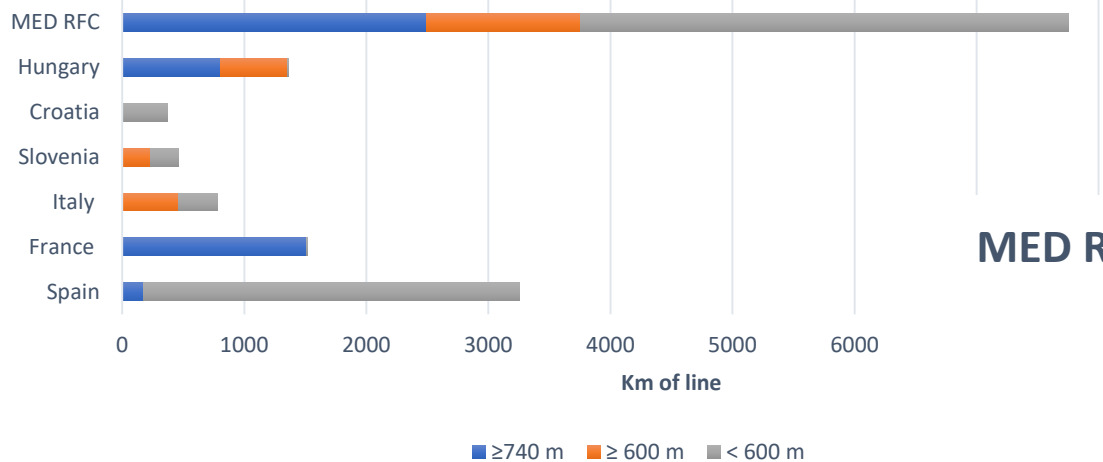


© 2019 Mediterranean RFC



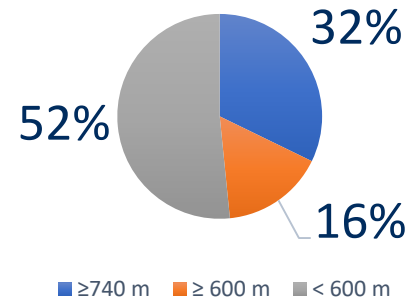
# Max. Train length Report – Year 2019

## Max. train length distribution Med RFC Year 2019



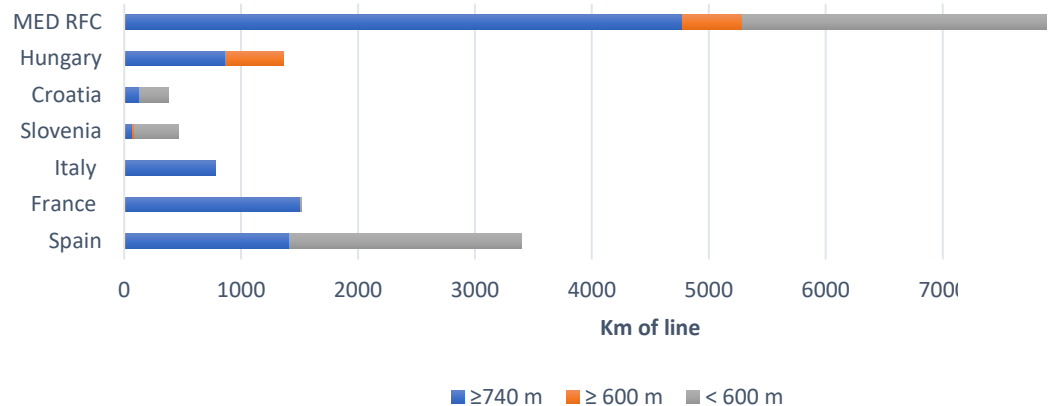
- 32% of lines are adapted for 740 m long trains mainly in France and Hungary
- Half of MED RFC lines are limited to the circulation of train below 600 m

## MED RFC max. train length distribution



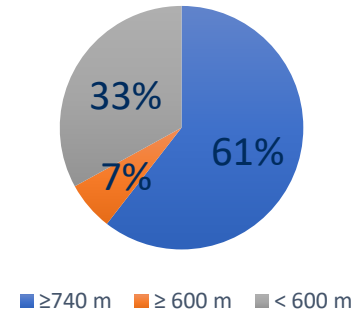
# Max. Train length Report – Year 2025

## Max. train length distribution Med RFC year 2025



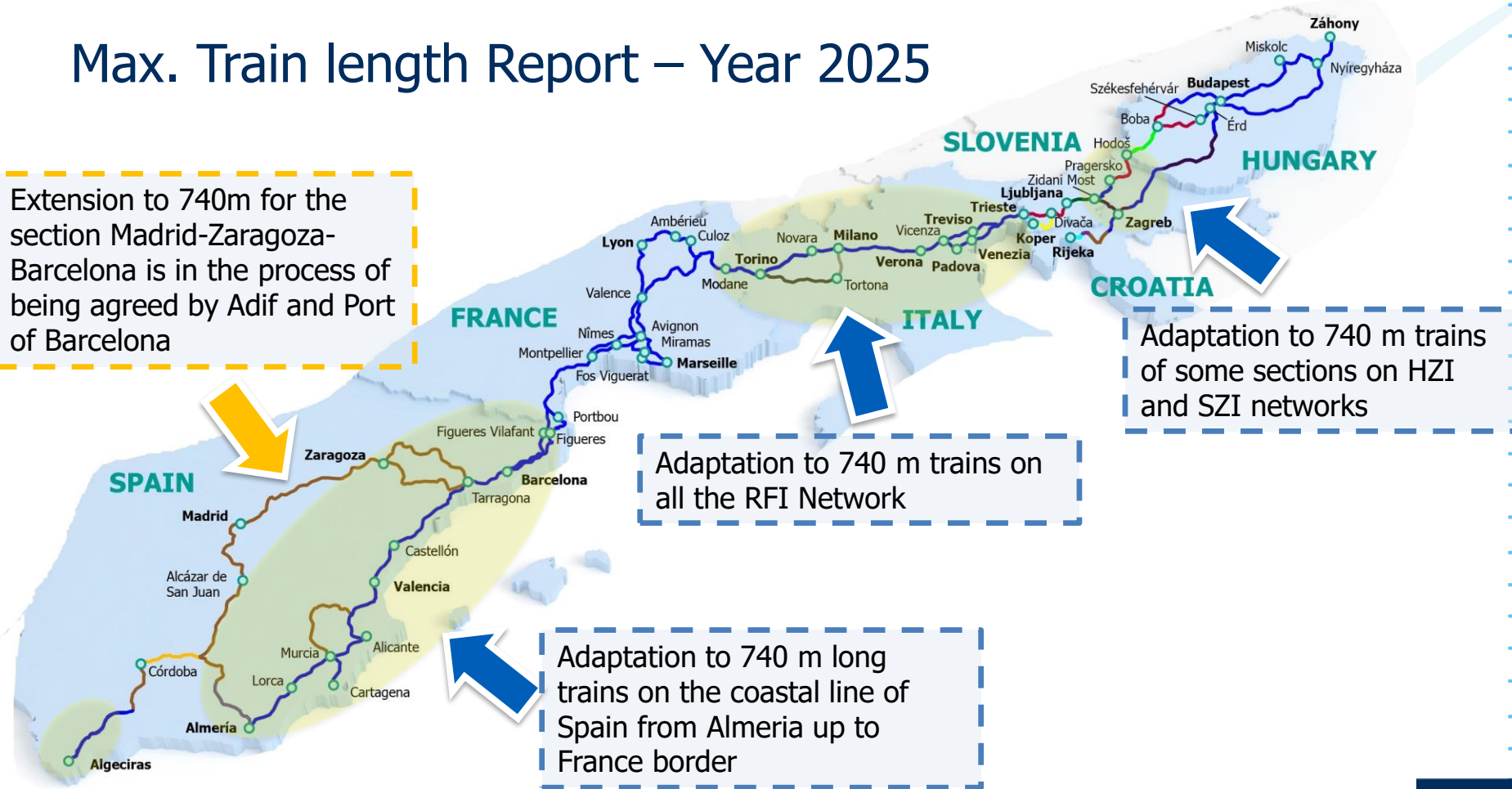
- By 2025 the lines allowing the circulation of 740 m trains will double along RFC Med
- Most of the interventions (in terms of line/Km) are foreseen in Italy and Spain (the section Madrid – Barcelona was not counted)

## Med RFC distribution of Max. train length



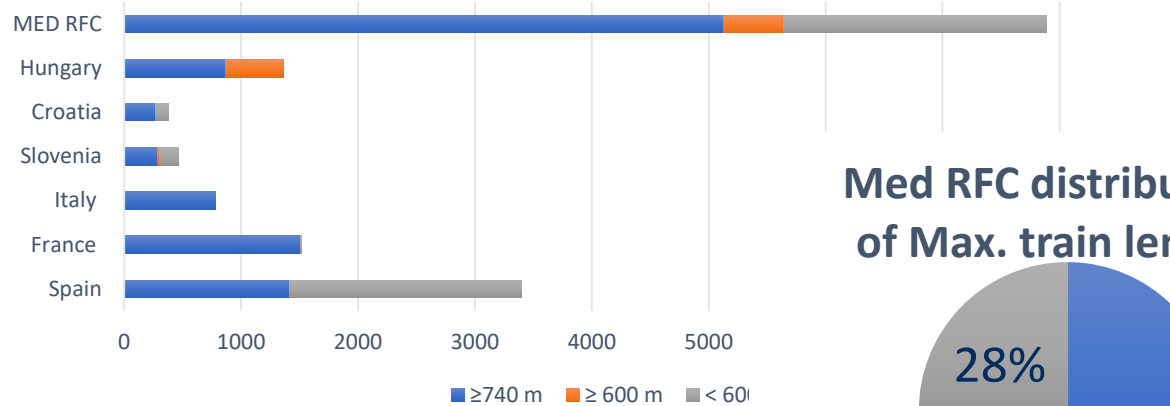
# Max. Train length Report – Year 2025

Extension to 740m for the section Madrid-Zaragoza-Barcelona is in the process of being agreed by Adif and Port of Barcelona

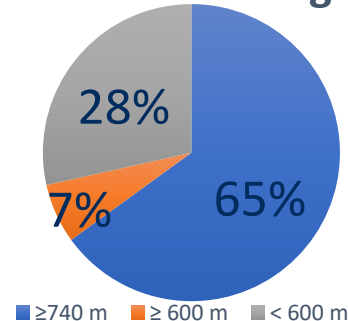


# Max. Train length Report – Year 2030

## Max. train length distribution Med RFC Year 2030



## Med RFC distribution of Max. train length



- SLOVENIA:  
Divača - Ljubljana  
Pragersko - Hodoš
- CROATIA:  
Moravice - Ogulin  
Ogulin - Karlovac  
Zagreb RK -Sesvete  
Sesvete - Dugo Selo  
St. Bor. Savski Marof (HR-SI) - Zagreb RK



Your opinion is valuable to us!

**"Tell us what  
you think!"**



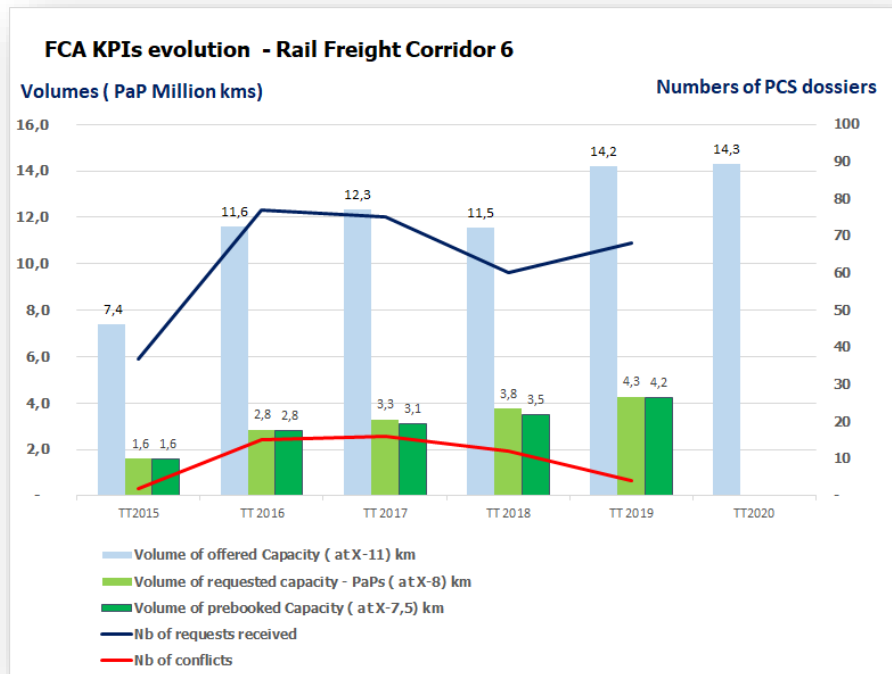
## 2/ P400 loading gauge extension possibilities (SNCF+RFI)

### 3/ UIRR presentation of Portal implementation

## 4 C-OSS STATE OF PLAY

- PaP Offer TT2020;
- TCRs updates;
- Cooperation among MED RFC and Amber RFC.

### 3 C-OSS STATE OF PLAY – PaP offer TT2020

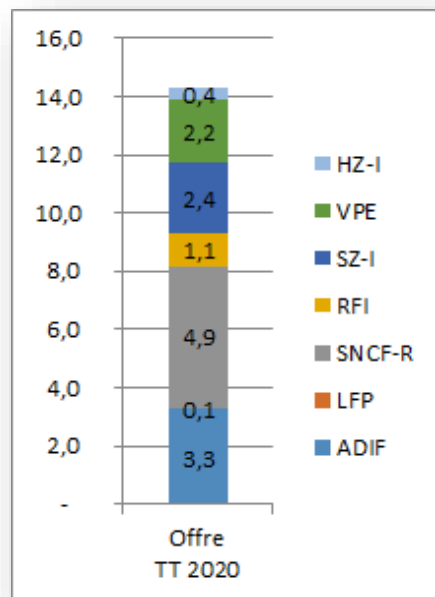


Stabilisation of the overall volume of Pap published.

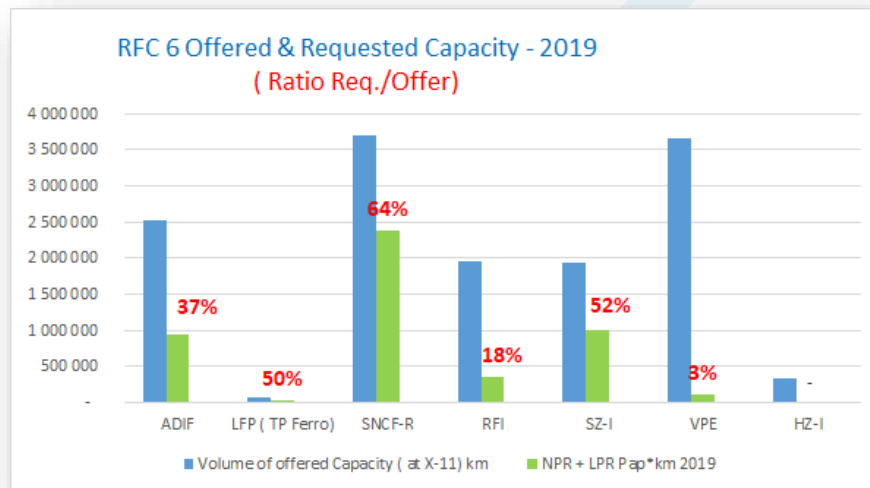
- Increase in France, Spain, Croatia and Slovenia
- Decrease in Italy and Hungary where we are aiming at increasing the sales rate by adjusting the offer to real needs

### 3/ C-OSS STATE OF PLAY – PaP offer TT2020

Contribution from all IMs to the global capacity published for TT 2020



### TT 2019 Sales Rate IM per IM



Only Pap km are shown here, not the Tailor made km

# 3 C-OSS STATE OF PLAY – PaP offer TT2020

SPAIN

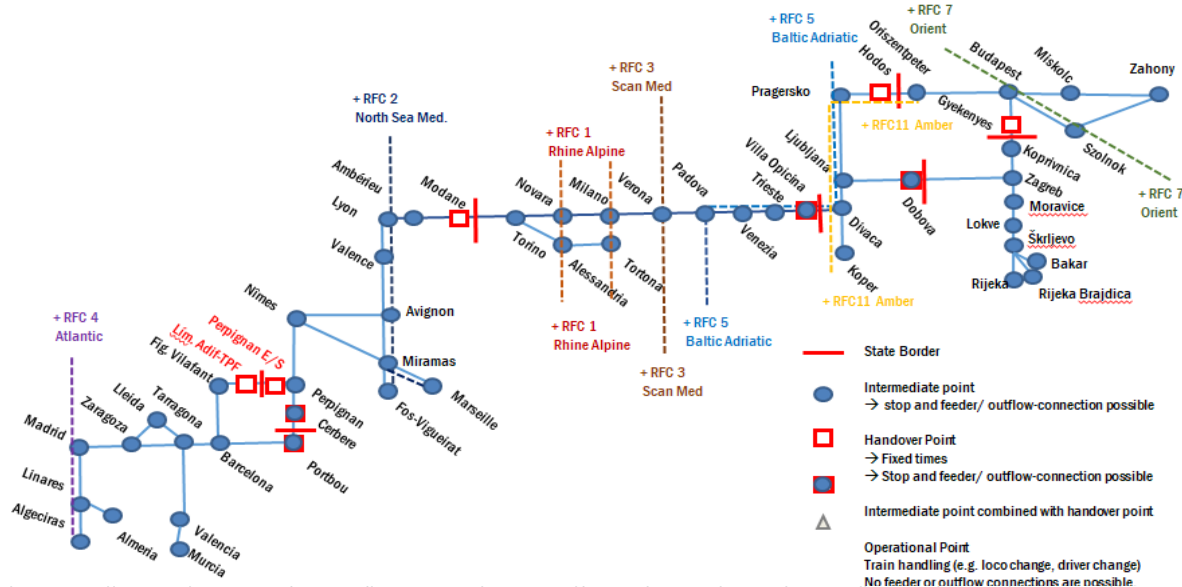
FRANCE

ITALY

SLOVENIA

CROATIA

HUNGARY



ADIF +LFP		SNCF Réseau			RFI		SZ-I				HZ-I			VPE/MAV		
Port Bou / Cerbere	Barcelona + LFP tunnel	Cerbere towards Italy + North Europe	Perpignan towards Italy + Northern Europe	Modane from France	Modane - Italy destination	Villa Opicina - Origin Italy	Koper	Villa Opicina	Hodos	Dobova	Rijeka	Dobova	Gyekeyes	Gyekeyes	Hodos	Zahony
6	2	7	11	20	17	5	4*	6	6*	4	1	3	3	3	4**	4

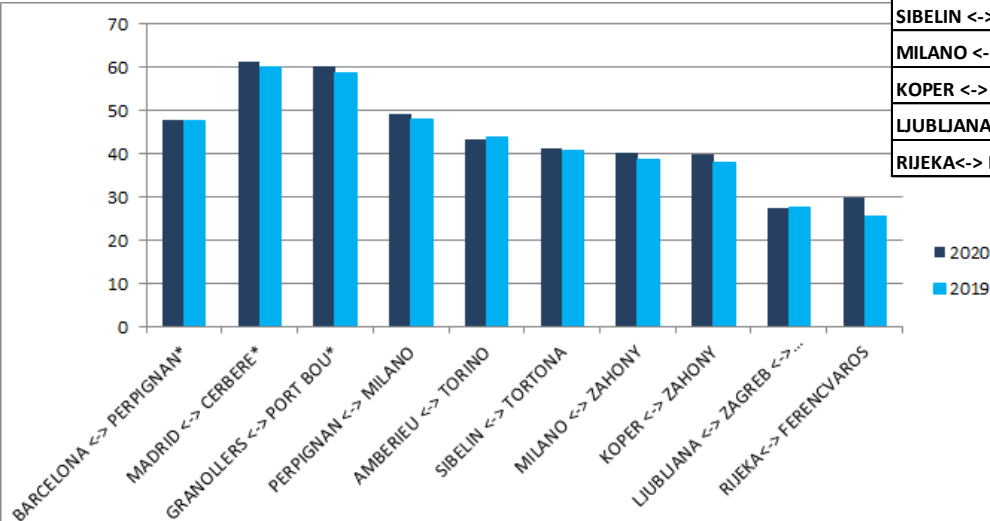
→ → → → → → → → → → → → → → → → →

\* some common offer with RFC Amber

\*\* doubled pap ( alternative offers for long period of works)

### 3/ C-OSS STATE OF PLAY – PaP offer TT2020

This performance indicator shows the average PaP commercial speed and transit time on a sample of O/D pairs chosen by the corridor to offer a relevant overview of the Mediterranean RFC pap Offer.



RFC section	Distance	2020		2019	
		Average transport time	PaP speed (km/h)	Average transport time	PaP speed (km/h)
BARCELONA <-> PERPIGNAN*	164 km	4:21	48 km/h	4:21	48 km/h
MADRID <-> CERBERE*	659 km	14:53	61 km/h	15:07	60 km/h
GRANOLLERS <-> PORT BOU*	138 km	2:17	60 km/h	2:21	59 km/h
PERPIGNAN <-> MILANO	983 km	20:05	49 km/h	20:32	48 km/h
AMBERIEU <-> TORINO	286 km	6:47	43 km/h	6:33	44 km/h
SIBELIN <-> TORTONA	425 km	10:34	41 km/h	10:28	41 km/h
MILANO <-> ZAHONY	1374 km	34:01	40 km/h	35:33	39 km/h
KOPER <-> ZAHONY	1016 km	25:06	40 km/h	26:51	38 km/h
LJUBLJANA <-> ZAGREB <-> FERENCVAROS	510 km	19:39	28 km/h	18:34	28 km/h
RIJEKA<-> FERENCVAROS	597 km	20:04	30 km/h	23:21	26 km/h

*\*Border dwelling times between Spain and France are not included here as it would be irrelevant for the calculation of average speed ( High Dwelling are due to change of Axle Load, transshipment or answer to customer resource optimization).*



# 3/ C-OSS STATE OF PLAY – PaP offer TT2020

## Important dates!

### International Timetabling Calendar 2020 – Rail Freight Corridors



2019

January

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

February

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

March

Su	Mo	Tu	We	Th	Fr	Sa
31					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

April

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

May

Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

June

Su	Mo	Tu	We	Th	Fr	Sa
30						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

July

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

August

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

September

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

October

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

November

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

December

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

14 Jan 2019	Publication of PaP Catalogue
08 Apr 2019	Last day to request PaPs
22 Apr 2019	PaP Pre-Booking Information
09 Apr - 01 Jul 2019	Construction of the Timetable
01 Jul 2019	Publication of International Draft Timetable
02 Jul - 02 Aug 2019	Observations and Comments from Customers
19 Aug 2019	Publication of International Final Timetable
25 Aug 2019	Acceptance of Final Offer
15 Oct 2019	Last day to publish Reserve Capacity
15 Dec 2019	Start of Timetable 2020



# 3 C-OSS STATE OF PLAY – PaP offer TT2020

*A network of C-OSS working together to support customers*


5 PCS trainings offered this year ( common to several RFCs)


- **Brussels - 30/31st January 2019 (2,4,6,8)**
- **Frankfurt 7/8 February (1,3,8)**
- **Budapest – 5/6 February 2019 (6,7,9,11)**
- **Warsaw – 14/15 February 2019 (5, 8, 9, 11)**
- **Milano – 20th Feb ( 1,3,5,6)**


### Corridor One-Stop-Shop

#### C-OSS Concept

- RFC-Corridors offer **high quality** train paths enhancing international rail freight
- C-OSS acts as **proficient facilitator** for issues concerning international train paths
- **Customer-oriented** collaboration of all C-OSS simplifies requests of multi-corridor paths
- Offering convenient products for international rail freight represents the **collective vision** of the C-OSS Community












**ONE** single point

**ONE** request & **ONE** harmonized offer

**ONE** single booking tool

### C-OSS Contact

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<b>Baltic - Adriatic</b> Alessandro Turconi Phone: +39 313 806 37 57 c-oss@rfc5.eu	<b>Amber</b> Roman Stańczak Phone: +48 22 473 34 69 oss@plk-sa.pl



[illegible]

27 27/02/2019 13th TAG RAG meeting

[Read more...](#)

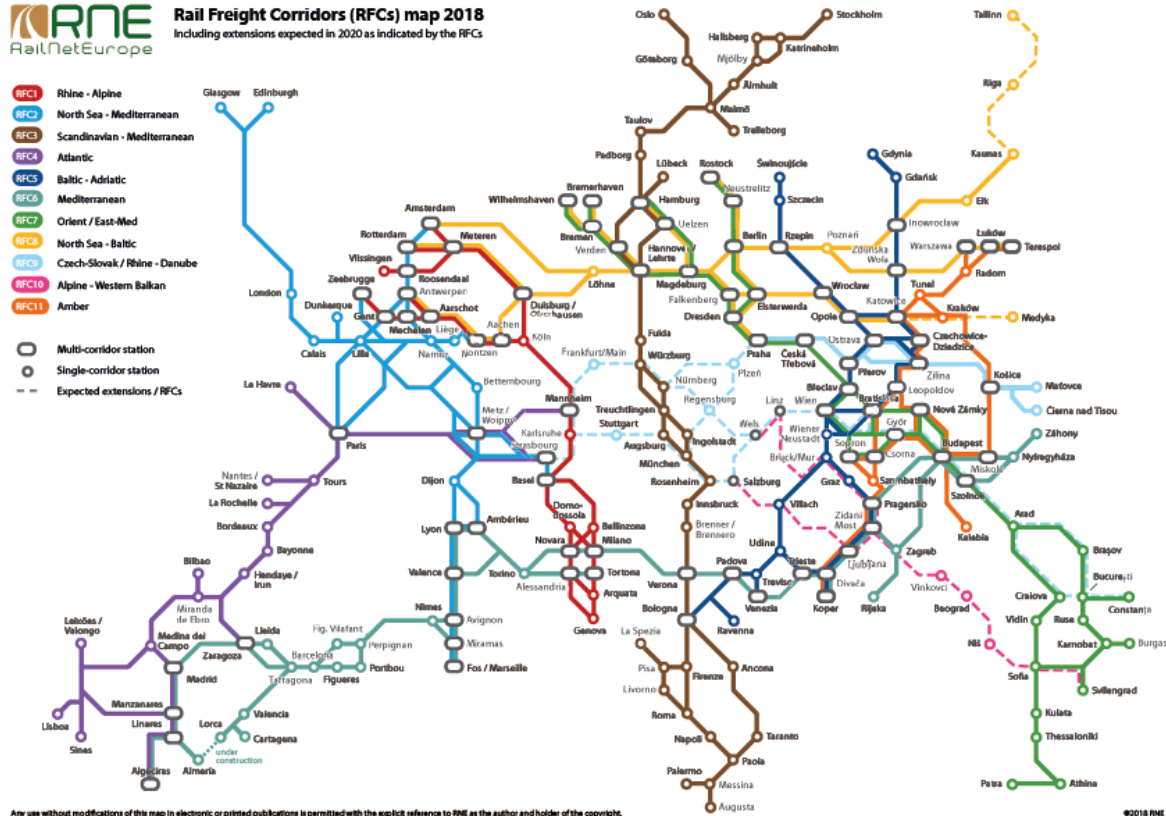
Mediterranean Rail Freight Corridor – Pap offer for the TT 2020 – 12 Feb 2018 version

#	Title	PDF	XLS
1	Mediterranean Rail Freight Corridor – Pap offer for the TT 2020 from West to East		
2	Mediterranean Rail Freight Corridor – Pap offer for the TT 2020 from East to West		

For any information concerning the ordering process of PaPs please consult the [Corridor Information Document](#) Book 4.

For any question please contact: [OSS@railfreightcorridor6.eu](mailto:OSS@railfreightcorridor6.eu)

# 3/ C-OSS STATE OF PLAY – PaP offer TT2020



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### 3/ C-OSS STATE OF PLAY – PaP offer TT2020

**Over lapping section with North Sea Med Corridor and Connection with Atlantic corridor : One single offer from SNCF R split in 3 sections, one for each corridor and identified by the same PaP ID**



**RNEPCS**  
Path Coordination System

SUPPORT

DOCUMENTATION

Stephanie Joncour

Dashboard

Pre-constructed Products

Administration

Pre-constructed Products / PaP search

Reset fields

Timetable period

2020

Type of pre-constructed product

RFC pre-arranged paths (PaP)

Train type

Cargo

Catalogue Path Number

PaP ID

RFC426Pap

More

Search

Direction

E-W, W-E

RFC corridor

Mediterranean, Atlantic, North

RFC Dossier type

All

Calendar	Net...	File...	PaP ID	Origin	Destination	Depa...	Arrival
(1-7)			RFC / Published (PaP)	RFC426PaP002	FORBACH - BAT VOYAGEURS	WOIPPY - FAISCEAU RELAIS	00:02 01:45
(1-7)			RFC / Published (PaP)	RFC426PaP002	WOIPPY - FAISCEAU RELAIS	AVIGNON - BAT VOYAGEURS	02:49 12:45
(1-7)			RFC / Published (PaP)	RFC426PaP002	AVIGNON - BAT VOYAGEURS	PERPIGNAN - FSC INTERNAT	12:48 16:43
(1-7)			RFC / Published (PaP)	RFC426PaP004	Mannheim Rbf Gr G	Forbach	19:49 22:59
(1-7)			RFC / Published (PaP)	RFC426PaP004	FORBACH - BAT VOYAGEURS	WOIPPY - FAISCEAU RELAIS	23:04 00:47
(1-7)			RFC / Published (PaP)	RFC426PaP004	PORTBOU	GRANOLLERS-CENTRE	04:15 06:20
(1-7)			RFC / Published (PaP)	RFC426PaP004	WOIPPY - FAISCEAU RELAIS	AVIGNON-CHAMPFLEURY - AIG KM 743,9	01:47 11:39
(1-7)			RFC / Published (PaP)	RFC426PaP004	AVIGNON-CHAMPFLEURY - AIG KM 743,9	CERBERE - FRONTIERE FR-ES	11:49 17:53

**Search with Pap ID RFC426**

### 3/ C-OSS STATE OF PLAY – PaP offer TT2020



**Overlapping section with Amber Corridor :**  
**One single offer from SZ-I visible either if selecting**  
**Mediterranean or Amber RFC in PCS**

**Filter « starts with » Koper**

The screenshot shows the C-OSS interface with the following filter settings:

- Direction: E-W, W-E
- RFC corridor: Mediterranean
- RFC Dossier type: All

The table below shows the results of the search, filtered by the origin 'KOPER TOVORNA'.

	Calendar	Net...	File...	Type/Phase	PaP ID	Origin	Destination	Deps...	Arrival
<input type="checkbox"/>	(1-7)			RFC / Published (PaP)	RFC08PaP0001	KOPER TOVORNA	LJUBLJANA ZALOG	16:32	19:29
<input type="checkbox"/>	(1-7)			RFC / Published (PaP)	RFC08PaP0015	KOPER TOVORNA	LJUBLJANA ZALOG	07:24	10:21
<input type="checkbox"/>	(1-7)			RFC / Published (PaP)	RFC11PaP0008	KOPER TOVORNA	LJUBLJANA ZALOG	10:46	14:46
<input type="checkbox"/>	(1-7)			RFC / Published (PaP)	RFC11PaP0016	KOPER TOVORNA	LJUBLJANA ZALOG	22:00	02:02

100 items per page 1 - 4 of 4 items

### 3 / C-OSS STATE OF PLAY – TCRs

#### *Temporary Capacity Restrictions and Annex VII*

Mediterranean RFC decided to maintain a TCR coordinator, role accepted by the C-OSS

The TCR Coordinator will facilitate and stimulate when necessary coordination of TCRs by :

- Enhancing the necessity for IMs to harmonise TCRs
- Following the output of bilateral meetings taking place along the corridor
- Triggering additional harmonisation of TCRs if necessary
- Ensuring common publication of TCRs twice a year on Mediterranean website
- *Ensuring the link between RNE TCR group and all IMs of the corridor and especially in following the development of RNE TCR Tool*



# Main TCRs foreseen for 2020 in Spain

## **Valencia E.Nord - Castellbisbal**

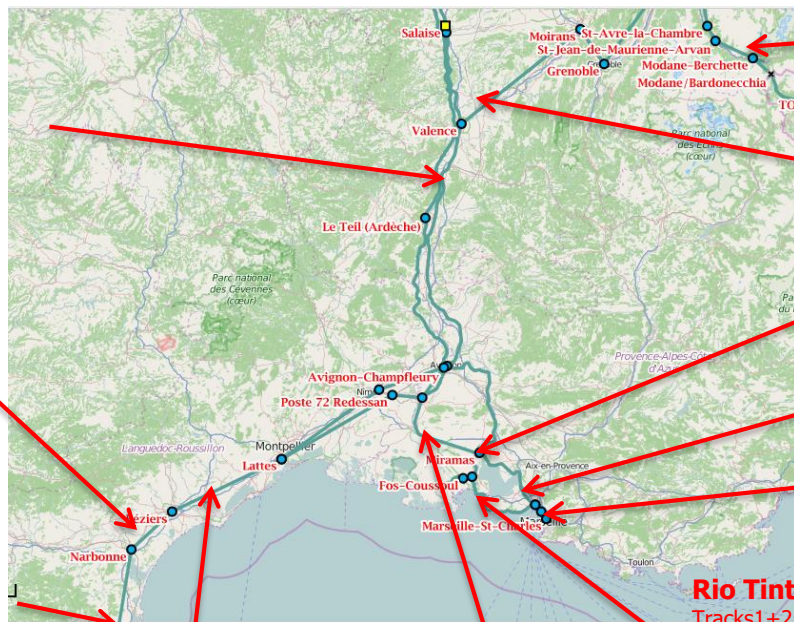
Main works are related to the implementation of a standard gauge between Valencia and Barcelona

**Are currently foreseen Restrictions of capacity and speed up to March 2021**





# Main TCRs foreseen for 2020 in France



**Lyon-Torino Tunnel (TELT) + Net conformity operations + Works in the Madeleine Tunnel :** Continuous closure (94hrs) on Tracks1+2, August+October

**ADV replacement St Marcel/Romans:** Continuous closure (35h45) on Tracks1+2, October

**RAV in Miramas Station :** Continuous closure in September

**ADV renewal Pas des Lanciers :** Continuous closure on Tracks1+2 on 17th+18th October

**RAV of Marseille St Charles :** Continuous closure of Marseille station (20h/38h/48h), April/May

**Rio Tinto Tunnel refecton :** Continuous closure (94hrs) on Tracks1+2, September to December

**State/region Performance works**

**Martigues/L'Estaque (CPER) :** Continuous closure (TBD) on Tracks1+2 between September and December

**Port-de-bouc Railway bridge:** Continuous closure (24hrs) on Tracks1+2 in September

**Arles Embankment :** Continuous closure Tracks1+2, August (55h) + 30th May (44h30)

**Frontignan bridge deck :** Continuous closure Tracks1+2, May (85hrs)

**RAV Agde :** Continuous closure Tracks1+2, May (85hrs)

**Livron Rail Track Ballast renewal**

Continuous closure in Livron (Tracks A+B) : 25/05 to 26/06

+ **Centralised traffic control**

Continuous closure of the siding Livron-La Voulte, tracks1+2 (23h55) in June

**Rail Track Ballast renewal Narbonne Montpellier :**

Continuous closure, Tracks1+2, May

**Rail Track Ballast renewal and**

**RAV in Cerbère :** Continuous closure (67hrs) Tracks1+2 in October

**Rail Track Ballast renewal of the**

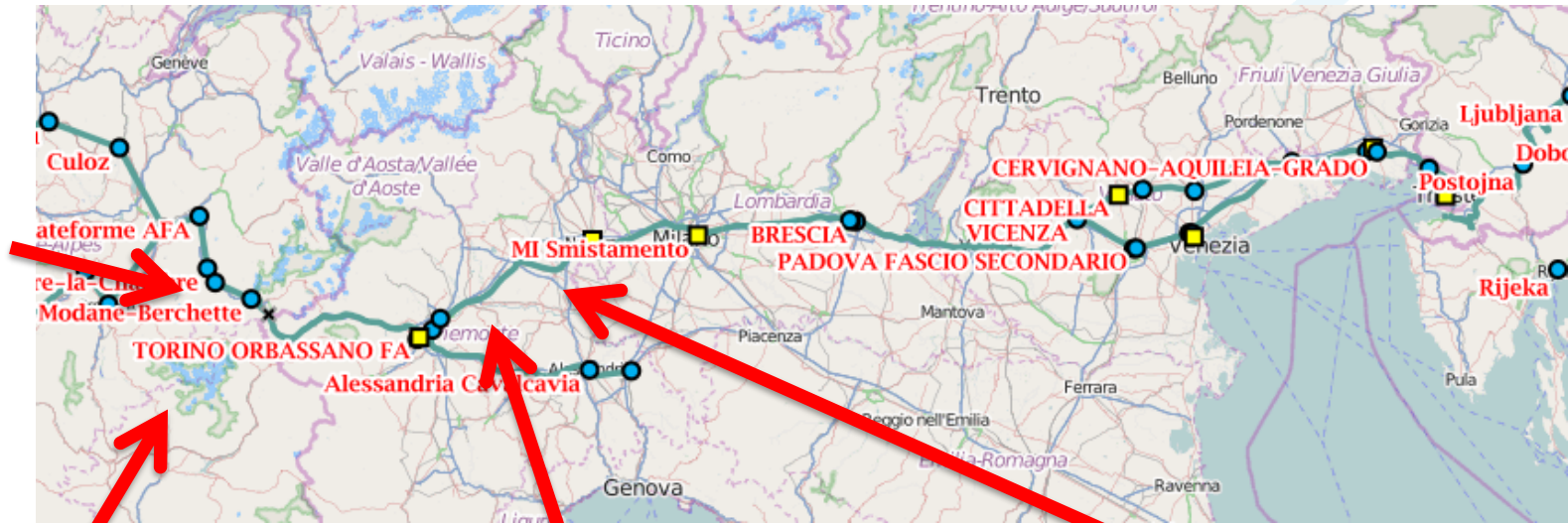
**Balitres tunnel :** Continuous closure (15hrs), July

**Rail Track Ballast renewal +**

**Bridg deck in Elne :** Continuous closure (36hrs+24hrs) in October

# Total closures foreseen for 2020 in Italy

**Modane** : closure for 7 days + 21 days, 8 h closure with alternative passage for freight train.



**Between Torino – Genova** ( Arquata – Bivio fegino) Line closure for 30 days in August 2020

**Alessandria-Novara**: 2 days total closure + platform unavailable for crossing for 30 days

**Torino-Milano (Novara)** : 3 days of total closure in August

# Main TCRs foreseen for 2020 in Slovenia

## Zidani Most – Rimske Toplice :

double track line / one track closure-permanent  
From 19/08/2019 – 17/01/2020 :  
closure right track  
From 09/03/2020 – 03/08/2020 :  
Closure left track

## Ljubljana – Brezovica :

1st July – 28th Oct reduced track availability for left track renewal

## Divača – Koper

single track line closures on :

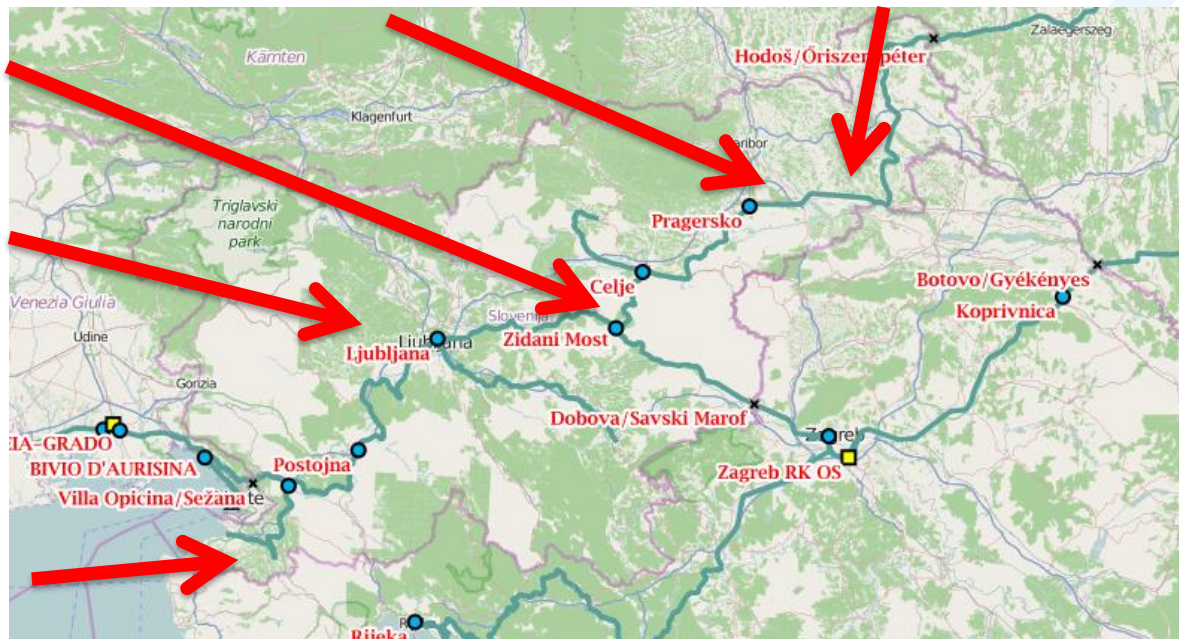
- From 22/08 7a.m TO 24/08 7p.m
- Twice, 48h closures ( 26-27/07 ; 9-10/08)
- From 8a.m to 2p.m on : 13.01., 27.01., 17.02., 09.03., 23.03., 06.04., 20.04., 04.05., 18.05., 08.06., 22.06., 14.09., 28.09., 12.10., 26.10., 09.11., 23.11., 14.12., 28.12.2020

## Pragersko – Ormož (single track line)

Closure from 7 to 11 a.m, on : 16.03., 23.03., 06.04., 13.04., 20.04., 27.04., 31.08., 07.09., 14.09., 21.09.2020

## Ormož - Hodos(single track line)

Closure from 7 to 11 a.m on : 04.05.,11.05., 18.05., 25.05., 05.10., 12.10., 19.10., 26.10., 09.11.2020





# Main TCRs foreseen for 2020 in Croatia

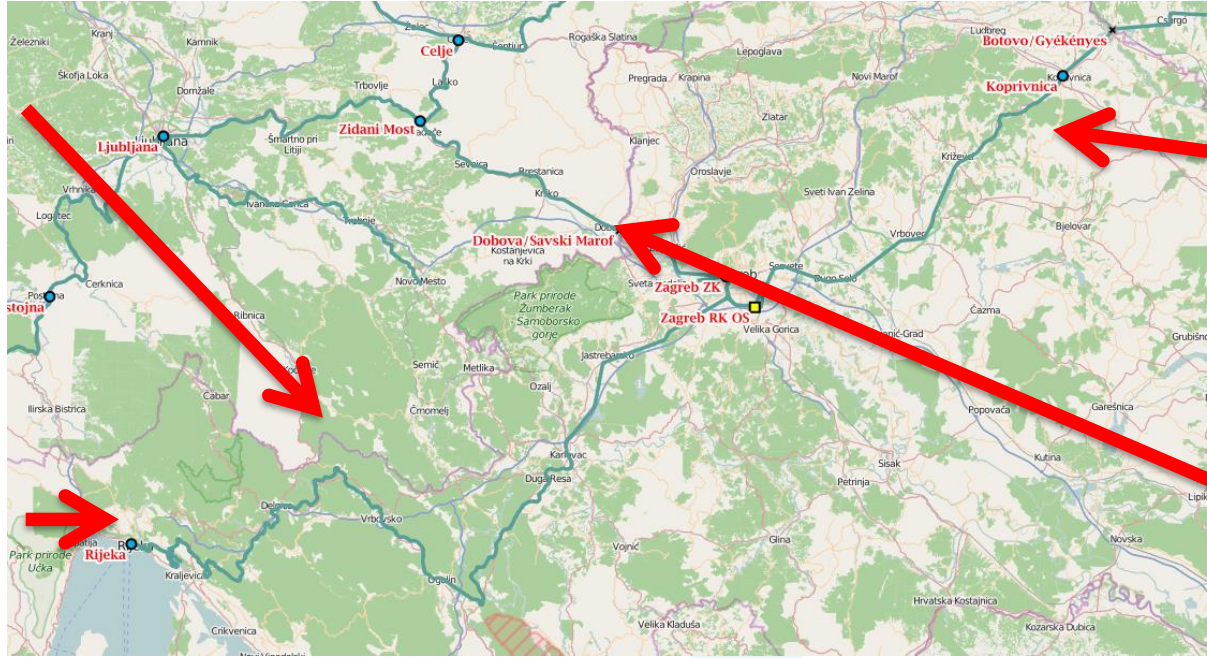
## **Zagreb – Rijeka :**

Rehabilitation of the cuttings

**Day closures (switching off the voltage 8am to 14 pm)**

## **Sušak - Rijeka Brajda :**

Development at Rijeka Harbor + connection to the container Terminal. Permanent diversion of traffic through Rijeka city for 24 months



## **Koprivnica border – Dugo selo :**

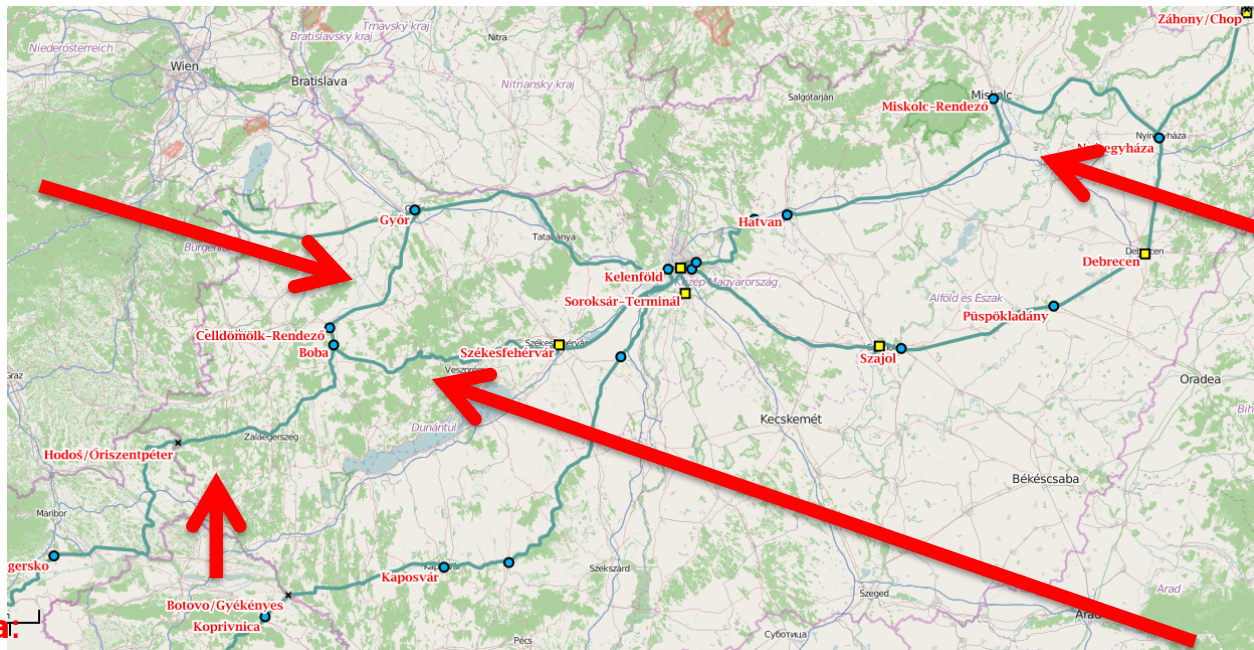
Dec 2019 – dec 2020  
daily closure from  
7a.m to 4p.m  
Renewal of the line

**S.Marof - Zagreb:**  
Renewal of the line +  
Savski Marof,  
Zaprešić and  
Podsused stations  
**No total closure**  
but

One track closure  
(32cycles of 36 hours  
closure then 20 days  
6-8 h closures

# Total closures foreseen for 2020 in Hungary

**Celldömök-Győr :**  
27<sup>th</sup>- 30<sup>th</sup> July



**Miskolc/Mezőzombor-Nyíregyháza :**  
- from 4<sup>th</sup> May till 26<sup>th</sup> July a total closure on the single track section to eliminate speed restrictions

**Hodos -Boba:**  
- 20<sup>th</sup>-26<sup>th</sup> April every night from 8pm to 5am between Óriszentpéter and Zalaszentiván,  
- 4<sup>th</sup>-9<sup>th</sup> May every night from 11pm to 4am between Zalaszentiván and Boba.

**Boba-Székesfehérvár :**  
there will be 4 period between 30<sup>th</sup> March till 8<sup>th</sup> May on the whole 114 km long route so in these period **we will offer alternative PaPs via Celldömök and Győr.**

# LUNCH BREAK



## 5/ ICM developments

- Draft ICM manual presentation

# 5 ICM developments/ICM Handbook short overview

- The European Commission asked the sector to come up with a ICM Handbook proposal
- To be implemented from timetable period 2019
- Defines the necessary cooperation in case of disruptions with international relevance:
  - How to recognize and when to declare an internationally relevant disruption
  - The process for international business continuity management
  - The roles needed for the international cooperation, whom to contact
  - Pre-defined procedures and best practices
- Key criteria:
  - with a forecasted impact > 3 calendar days
  - with a high impact on international traffic (50% of the trains)
- Major elements of business continuity management:
  - Pre-defined RFC re-routing overview – options and scenarios to be published
  - Allocation principles – as a proposal if in line with national laws and rules
  - Disruption management process
  - Communication process – on management level (not train related)





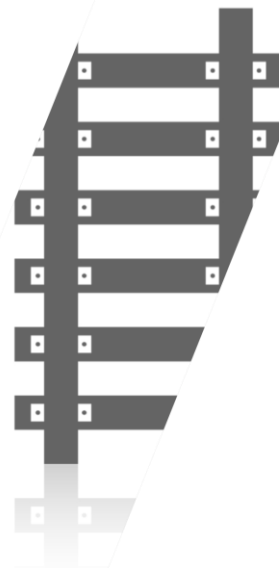
# 5 / ICM developments/ICM Handbook short overview

## ➤ Re-routing overview

- Thinking European Network, beyond the routing of RFCs vs national solutions
- Diversionary routes with infrastructure parameters and info on possible restrictions
- Review with RUs regarding operational restrictions

## ➤ Capacity indication

- |                     |  |
|---------------------|--|
| ▪ Extremely limited | about < 10 trains per day per direction    |
| ▪ Limited           | about 10 – 24 trains per day per direction |
| ▪ Good              | about 25 – 50 trains per day per direction |
| ▪ Excellent         | about > 50 trains per day per direction    |



# 5/ ICM developments/ICM Handbook short overview

## ➤ Re-routing scenarios

- Identification of critical sections
- Definition of route categories
  - Category A – diversionary route with little impact
  - Category B – diversionary route with medium impact on operations
  - Category C – many restrictions, diversions not easy
- General information about critical sections
- Re-routing options for critical sections
- Schematic map
- Cross a border: other national rules, for example language requirements, different signalling- and traction power systems
- Trains might be treated as an ad-hoc train in case of an incident
- Parking locations & capacity
- General mitigation measures



# 5/ ICM developments/MED RFC Re-routing overview

## ➤ Diversionary routes with infrastructure parameters

- ADIF
- SNCF Réseau
- RFI
- ŠŽ-I
- HŽI
- MÁV



© 2018 Mediterranean Corridor – RFC 6

## 6/ TPM Developments

- Performance reports
- Meetings with RUs

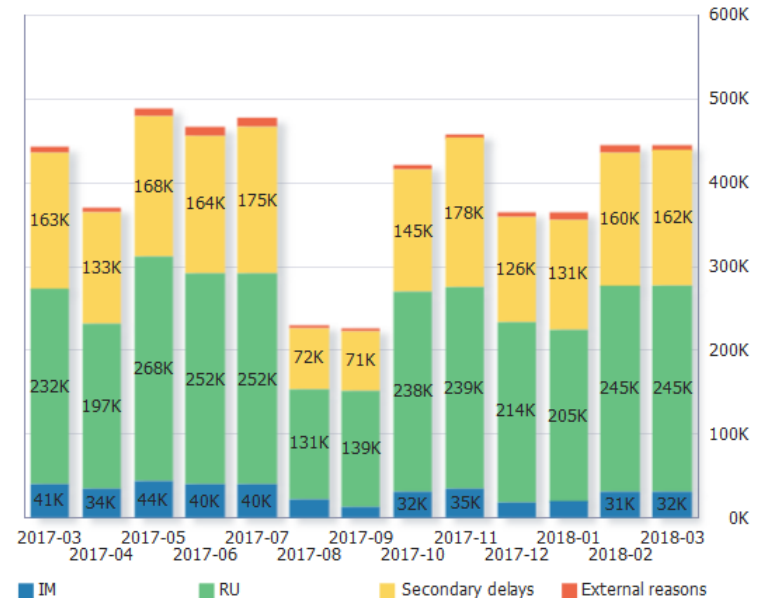
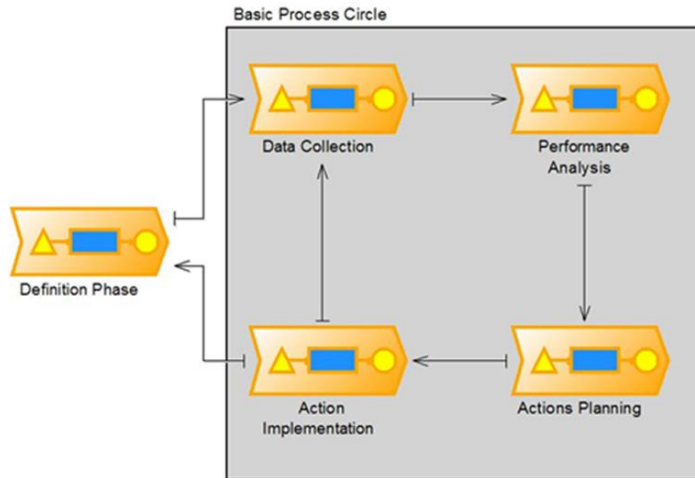
## 6/ TPM Developments/Performance reports

- Punctuality reports – Monthly/Quarterly
  - International freight trains
  - At least one running advice (RA) in the whole train run
  - Calculated direction (S/N, N/S, E/W, W/E)
  - Punctuality threshold < 30 minutes
  - Reporting points to display
  - Punctuality at Real origin/Final destination
  - Punctuality at IM origin/IM destination
  - Punctuality at RFC Entry/RFC Exit
  - Top 10 Highly Delayed Trains

Train #	# of runs	# of delayed runs	avg. delay of delayed runs	avg. delay of all runs	sum of delays
42051	22	19	207	178	3927
40101	40	31	111	86	3451
40273	8	8	318	318	2547
41733	3	3	817	817	2450
43305	13	9	227	157	2043
41747	13	12	168	155	2016
49067	14	13	142	132	1852
49003	11	9	205	168	1845
40869	2	2	890	890	1781
42565	12	11	162	148	1778

## 6/TPM Developments/Performance reports

- Punctuality reports – Monthly/Quarterly
  - Delay reason group: IM, RU, External or Secondary
    - IM group: all delay codes starting with 1, 2 or 3
    - RU group: all delay codes starting with 5 or 6
    - External: delay codes starting with 8
    - Secondary: delay codes starting with 9



## 6/TPM Developments/Performance reports

- Punctuality reports – Monthly/Quarterly
  - Filters
    - Train number
    - Points
    - IMs
    - RUs
    - Punctuality thresholds from 3 minutes to 6 hours (30 minutes default)
  - Your inputs for your benefit are welcome
    - What to add?
    - What to get rid of?
    - What to change?
    - What to improve

## Rail Freight Corridor Punctuality Development Report

### Parameters:

Time period:	2018-12
Train type:	Freight
Punctuality threshold:	30 min.
Train number from:	
Train number to:	
List of train numbers:	
Point list name:	Gallarate – MILANO – MODANE – LYON – PERPIGNAN – BARCELONA
List of points:	
List of IMs:	[ADIF,LFP,RFI,SNCF Réseau]
List of RUs:	[RENFE MERCANCÍAS, S.A.,SNCF-FRET,Mercitalia]

\*parameter will not be shown in table above if it is not chosen or entered (train from/to, list of train numbers) or if all possible options are chosen (list of points, list of IMs, list of RUs).

### Number of trains considered in report:

West-East	East-West
Number of trains	Number of trains
438	406



## 6/TPM Developments/Meetings with RUs

- TPM WG meeting days with RUs
  - Where? Milano
  - When? May 14, 22, 23, - 1 out of these 3 days to be selected today
  - When? November 19, 25, - 1 out of these 2 days to be selected today
  
- Cereal shipments to Italy TPM WG meeting days with RUs
  - Meeting 1
    - Parties? Hungarian RUs, MÁV/VPE, HUNGRAIL, CEREAL ASSOCIATION
    - Where? Budapest
    - When? June – to be defined
  - Meeting 2
    - Parties? Involved RUs/IMs out of HR, HU, IT, SI & CEREAL ASSOCIATION
    - Where? Zagreb
    - When? 27 September

## 7/ CIP and Last Mile

# 7 Customer Information Platform

**SEGMENTS**

NAME	Value
NAME	Endhoven - Bieck
MANAGER	ProRail
COUNTRY	The_Netherlands
CATEGORY	Diversitary Line
INTERMODAL_FREIGHT_CODE	PIC 50410
INTEROPERATIONAL_GAUGE	GC
LINE_CATEGORY	D4
INTERNATIONAL_GAUGE	G2
POWER	1.5 KV DC

**TERMINALS**

Value
Köln Niehl Hafen CTS
<a href="http://www.intermodal-terminals.eu/database/terminalview/id/120">http://www.intermodal-terminals.eu/database/terminalview/id/120</a>
Stapelkai 2, Niehl Hafen - 50735
Container/intermodal Terminal

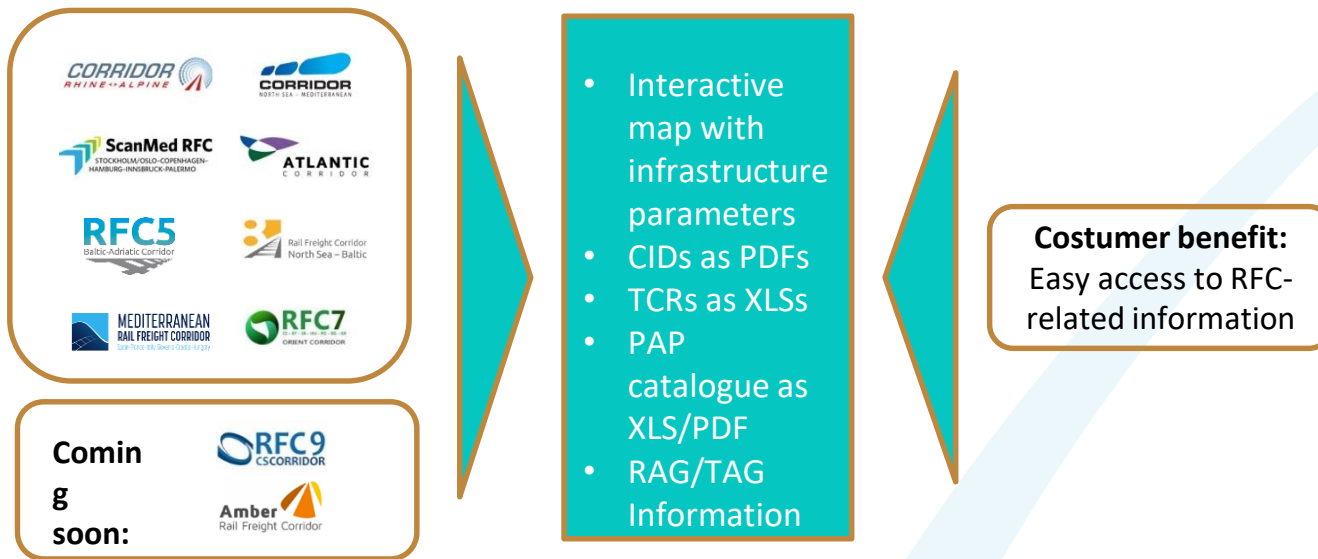
**NODES**

NAME	Value
NAME	Bilzen
MANAGER	Infrabel
COUNTRY	Belgium
CODE	FE
CATEGORY	Node
FTS_LLC	BE
PLC	157

## WHAT?

**Single source of  
harmonized information  
for all RFCs  
Available 24h a day and  
7/day a week**

# 7 Customer Information Platform



» **Provide all RFC-related information in a harmonised format at a single spot:**

- » Reduction of complexity for customers when searching for information
- » “Information One-Stop Shop” can be used as a catchy marketing message
- » The required information is already available, just presented differently

# 7 Customer Information Platform

info-cip.rne.eu/

**RNE CIP**  
Customer Information Platform

WHAT IS CIP? CONTACT DOWNLOADS PARTICIPATING CORRIDORS **LOGIN**

## CUSTOMER INFORMATION PLATFORM

Single source of harmonised corridor information

**MEDITERRANEAN RAIL FREIGHT CORRIDOR**  
Spain-France-Italy-Slovenia-Croatia-Hungary

HOME ABOUT US ADVISORY GROUPS COMMERCIAL OFFER DOCUMENTS NEWS & EVENTS CONTACTS

27th February 2019  
The Mediterranean Rail Freight Corridor Management Board is pleased to invite you to the 13th Advisory Group meeting of Mediterranean RFC - (TAG RAG) which will be held in: Grand Port Maritime de Marseille (23 place de la Joliette 13002 Marseille (France) on the 27th of February 2019.

Mediterranean Rail Freight Corridor connects you!

MEDITERRANEAN RAIL FREIGHT CORRIDOR IS AN ORGANIZATION Co-financed by the European Union Connecting Europe Facility

**RNE CIP**  
Customer Information Platform

### Customer Login

Dear customer, welcome to the Customer Information Platform of RFCs Rhine-Alpine, North Sea-Med, ScanMed, Atlantic, Baltic-Adriatic and North Sea-Baltic. To access the platform please key in the code in the answer field below. Dear internal user, please use the "Internal Login" link for login.

Security Code

**gawey**

\*Answer

Submit

[Internal Login](#)

If you need support with accessing the system, please contact our Service Desk at support.cip@rne.eu

Free LOGIN and ACCES for all customers without registration



# 7 Customer Information Platform

Interactive Map | Information Documents | Feedback

Multi-Corridor View: Dear Customer, please select the Corridor(s), the 'Interactive Map' of which you are interested in and then press the 'Set' button.

☒ All RFCs ☒ CORRIDOR RHINE-ALPINE ☒ ScanMed RFC ☒ ATLANTIC ☒ RFC5 ☒ MEDITERRANEAN ☒ RFC7 ☒ Rail Freight Corridor North Sea - Baltic

Public-Map

Options

- Background maps
  - ☐ None
  - ☐ Google Hybrid
  - ☐ OpenStreetMap
- Corridor Locations
  - ☒ Terminals
  - ☒ Nodes
- Corridor Line
  - ☐ None
  - ☒ By Rail Freight Corridor
  - ☐ Corridor Category
- Line Properties
  - ☐ Line Category (Load Model)
  - ☐ Traction Power
  - ☐ Signalling Groups
  - ☐ Intermodal Freight Code
  - ☐ Interoperable Gauge
  - ☐ Multinational Gauge
  - ☐ Gradient (1)
  - ☐ Gradient (2)
- ETCS Deployment
  - ☐ ETCS Build Status
  - ☐ ETCS Deployment Type

Search location Find a route Define axle load Define meter load 1 : 1733372 Legend

**Terminals**

- ☒ Nodes
- ☒ Railway Node or Junction
- ☒ Border Point
- ☒ Handover Point
- ☒ Expected Node

**By Rail Freight Corridor**

- ☒ Rhine-Alpine (RFC1)
- ☒ North Sea-Mediterranean (RFC2)
- ☒ ScanMed (RFC3)
- ☒ Atlantic (RFC4)
- ☒ Baltic-Adriatic (RFC5)
- ☒ Mediterranean (RFC6)
- ☒ Orient/East-Med (RFC7)
- ☒ North Sea-Baltic (RFC8)
- ☐ expected

Multicorridor  
View

# 7 Customer Information Platform

Main  
harmonised  
corridor info  
you can find in  
CIP

Interactive  
Map

Corridor  
Information  
Documents

The screenshot displays the RNE CIP web application interface. At the top, there is a navigation bar with 'Interactive Map', 'Information Documents', and 'Feedback' tabs. Below this, a 'Multi-Corridor View' section prompts the user to select a corridor and press the 'Set' button. A row of logos for various rail freight corridors (All RFCs, CORRIDOR, ScanMed RFC, ATLANTIC, RFCS, etc.) is visible. The main area is divided into two sections. The top section, 'Interactive Map', shows a map of Europe with various rail corridors highlighted in red and blue. A legend on the right side of the map lists 'Nodes' (Railway Node or Junction, Border Point, Handover Point, Expected Node) and 'By Rail Freight Corridor' (Rhine-Alpine (RFC1), North Sea-Mediterranean (RF2), ScanMed (RFC3), Atlantic (RFC4), Baltic-Adriatic (RFC5), Mediterranean (RFC6), Orient/East-Med (RFC7), North Sea-Baltic (RFC8), etc.). The bottom section, 'Corridor Information Documents', shows a 'Tree Structure' on the left with a list of documents under 'Public Information Document' and 'Corridor Information Documents (CIDs)'. The right side of this section shows a 'Pages' view with a title 'Public Information Document' and a page number 'Page'. The content area displays a message to the user: 'Dear customer, dear stakeholder, In this area of Customer Information Platform (CIP), the participating Rail Freight Corridors provide access to useful information documents in a standardised manner. In order to provide the available information in an efficient manner, the Public Information Documents were organised into 6 main folders and several further sub-folders in each of the main folder. Please take the following steps for navigating in the folders tree structure to find a document you are looking for: The + box situated left from folders' headline indicates the availability of further sub-folders. Please use the box to find out the options for'.



# 7 Customer Information Platform

Interactive Map   Information Documents   Feedback

Multi-Corridor View: Dear Customer, please select the Corridor(s), the Interactive Map of which you are interested in, and then press the 'Set' button.

Tab controlled navigation between the main areas

Multi Corridor View

Legend with graphic representation and textual description

View and set scale

Find a route

Find a local

Layer Control:  
- Switch on / off  
- Switch between

Fit to all corridors

Check line parameters

Options

- Background maps
  - None
  - Google Hybrid
  - OpenStreetMap
- Corridor Locations
  - Terminals
  - Nodes
- Corridor Line
  - None
  - By Rail Freight Corridor
  - Corridor Category
- Line Properties
  - Line Category (Load Model)
  - Traction Power
  - Signalling Groups
  - Intermodal Freight Code
  - Interoperable Gauge
  - Multinational Gauge
  - Gradient (1)
  - Gradient (2)
- ETCS Deployment
  - ETCS Build Status
  - ETCS Deployment Type
  - ETCS Operational Level
  - ETCS System Version
- Projects
  - None
  - Infrastructure
  - Signalling
  - ERTMS

Search location   Find a route   Define axle load   Define meter load

1 : 1733372

Legend

Terminals

- Nodes
  - Railway Node or Junction
  - Border Point
  - Handover Point
  - Expected Node

By Rail Freight Corridor

- Rhine-Alpine (RFC1)
- North Sea-Mediterranean (RFC2)
- ScanMed (RFC3)
- Atlantic (RFC4)
- Baltic-Adriatic (RFC5)
- Mediterranean (RFC6)
- Orient/East-Med (RFC7)
- North Sea-Baltic (RFC8)
- expected



# 7 Customer Information Platform

Multi-Corridor View: Dear Customer, please select the Corridor(s), the 'Interactive Map' of which you are interested in and then press the 'Set' button.

**Options**

- Background maps
  - None
  - Google Hybrid
  - OpenStreetMap
- Corridor Locations
  - Terminals
  - Nodes
  - Corridor Line
    - None
    - By Rail Freight Corridor
    - Corridor Category
- Line Properties
  - Line Category (Load Model)
  - Traction Power
  - Signalling Groups
  - Intermodal Freight Code
  - Interoperable Gauge
  - Multinational Gauge
  - Gradient (1)
  - Gradient (2)
- ETCS Deployment
  - ETCS Build Status
  - ETCS Deployment Type
  - ETCS Operational Level
  - ETCS System Version
- Projects
  - None
  - Infrastructure

**Instructions**

**Step 1 – Set route**  
Set up to 10 waypoints (in the required order) to be included in your route. As a minimum, the starting point and the end point need to be set.  
*Note: By default, the shortest route between the selected points will be calculated.*

**Step 2 – Set filter (optional)**  
If you select a filter (axle load and/or meter load), the route calculation will take that parameter into account as a minimum requirement.  
*Note: Sections not matching the selected parameter will be marked with yellow.*

**Step 3 – Start processing**  
By pressing the calculation will be started.

**Step 4 – Filter based on axle and/or meter load (optional)**

**Step 5 – Start calculation**

**Step 6 – Result will be shown on the map**

**Step 7 – List of segments will be shown and available for further processing**

**Route Details**

Routing order	Name	Manager	Country	Category
1	Bif de Sathonay (Lyon) - Bif 830000/893000/893306	SNCF Réseau	France	Principal Line
2	ET R Chambéry UPT Ambérieu - Bif de Sathonay (Lyon)	SNCF Réseau	France	Principal Line

# 7 Customer Information Platform

Interactive Map | **Information Documents** | Feedback

Multi-Corridor View: Dear Customer, please select the Corridor(s), the 'Information Documents' of which you are interested in and then press the 'Set' button.

☒ **All RFCs** ☒ **CORRIDOR** ☒ **ScanMed RFC** ☒ **ATLANTIC** ☒ **RFC5** ☒ **VENTESDIANEAN** ☒ **RFC7** ☒ **Rail Freight Corridor North Sea - Baltic** **Set**

**Tree Structure**

- Public Information Document
  - Corridor Information Documents (CIDs)
    - Book 1 - Generalities TT 2020
    - Book 1 - Generalities TT 2019
    - Book 2 - Network Statement Excerpts TT 2020
    - Book 2 - Network Statement Excerpts TT 2019
    - Book 3 - Terminal Description TT 2020
    - Book 3 - Terminal Description TT 2019
    - Book 4 - Capacity and Traffic Management TT 2020
      - RFC Rhine-Alpine
      - RFC North Sea-Med
      - RFC ScanMed
      - RFC Atlantic
      - RFC Baltic-Adriatic
      - RFC Mediterranean
      - RFC Orient/East-Med
      - RFC North Sea-Baltic
    - Book 4 - Capacity and Traffic Management TT 2019
    - Book 5 - Implementation Plan
  - Capacity Offer
    - PaP Catalogue 2020
    - PaP Catalogue 2019
    - Reserve Capacity Offer 2019
    - Reserve Capacity Offer 2018
    - Framework for Capacity Allocation 2020
    - Framework for Capacity Allocation 2019
  - Temporary Capacity Restrictions (TCRs)
  - Corridor Performance
  - Annual Reports
  - Other Information Documents

**Pages**

Title  
Public Information Document

Page

Dear customer and stakeholder,

In this area of Customer Information Platform (CIP), the participating Rail Freight Corridors provide access to useful information documents in a structured manner. In order to provide the available information in an efficient manner, the **Public Information Documents** were organised into 6 main folders and several further sub-folders in each of the main folder.

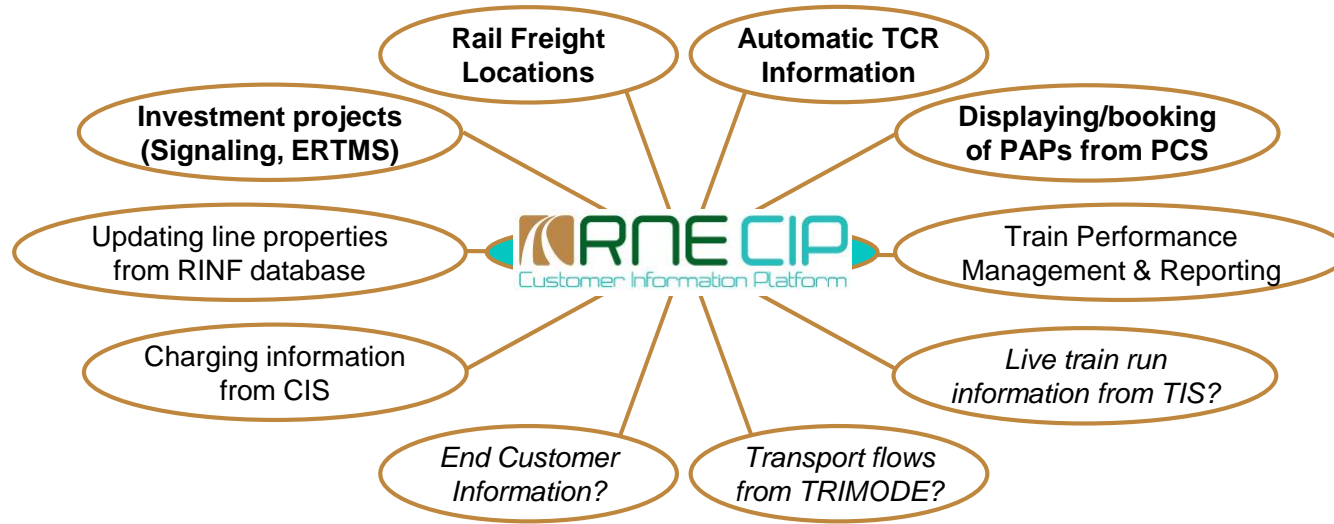
Please take the following steps for navigating in the folders tree structure to find a document you are looking for:

The word 'sub-folders' head line indicates the availability of further sub-folders. Please use the box to find out the options for your selection.

In order to select the content of a sub-folder, please click on it. An explanatory text will be displayed in the window on the right hand side, including main keywords that lead you by **shortcut** to document downloads or by **link** to an external source (website or a document storage outside of CIP).

The keyword, shortcut or a link is underlined and marked in blue colour. The download starts after double-clicking on it.

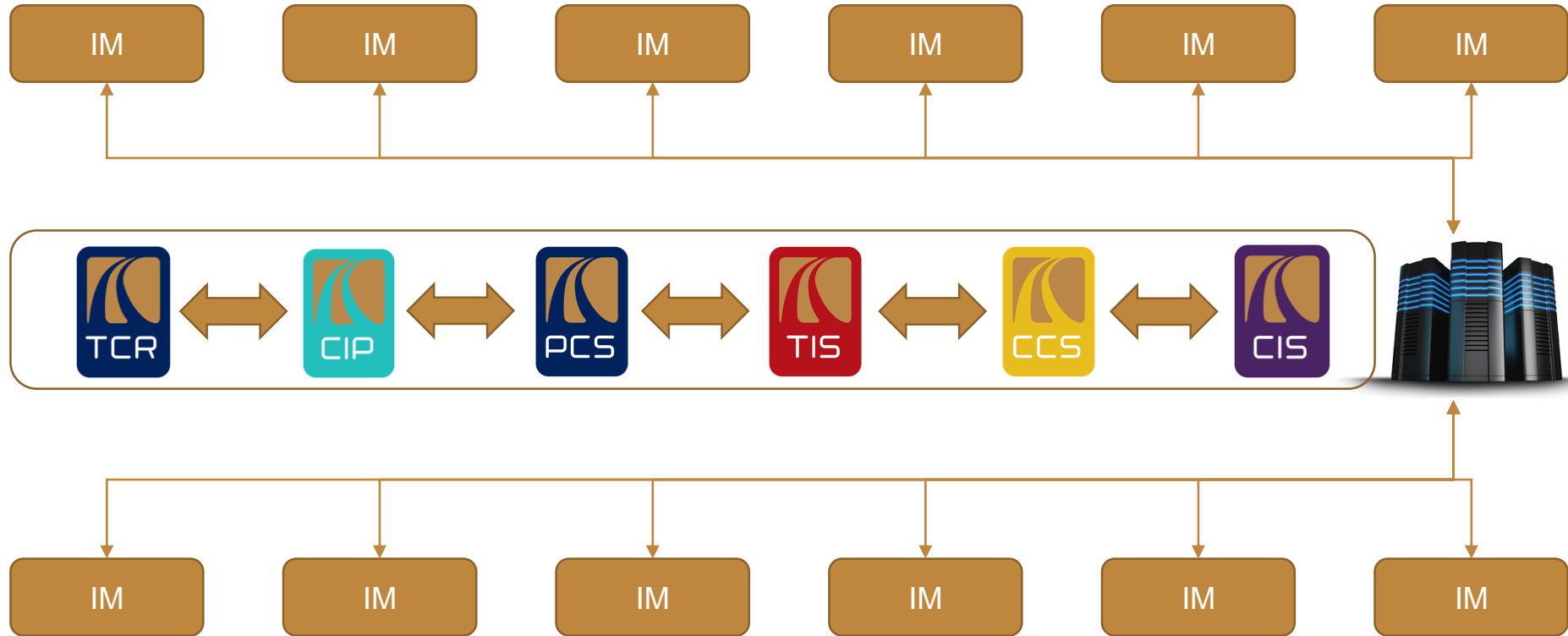
## Mid- and long term goal/vision: *RFC-related information clustered in the interactive map*



- » **To display the already existing information in the interactive map:**
  - » Information for all RFCs shall be available in a single interactive map
  - » The displayed information would be up to date and thus highly usable
- » **Implementation by the means of automatic interfaces between IT tools:**
  - » Step-by-step approach supported by the Big Data Concept

# RNE IT Strategy – Concept (Big Data)

## *Integration of new Systems (TCR) after Big Data*



# 7 Customer Information Platform

## How to access the CIP?

<https://cip.rne.eu/>

If you need support with accessing the system, please contact CIP Service Desk:

**For e-mail inquiries write to:** [support.cip@rne.eu](mailto:support.cip@rne.eu)

**For inquiries by phone call**

+43 1 907 62 72 25

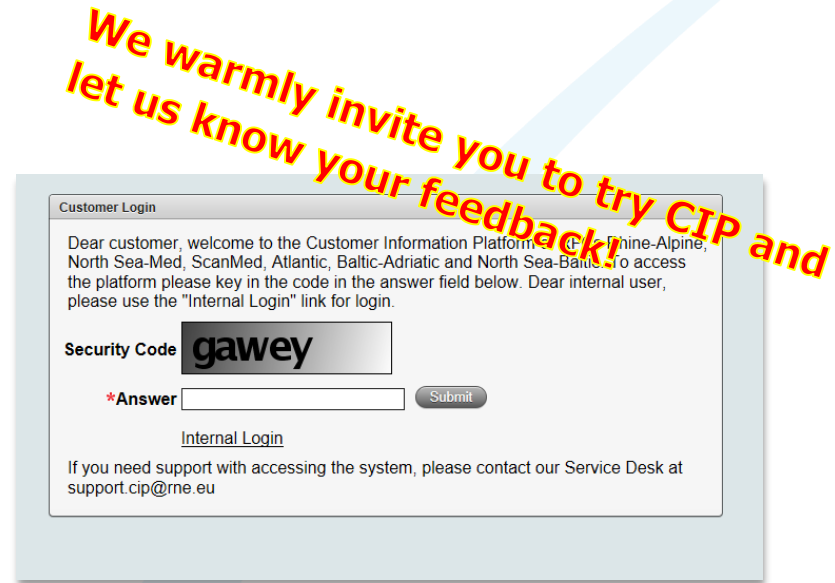
## Service Desk opening hours on working days:

Monday - Thursday: 09:00 - 16:00

Fridays: 09:00 - 15:00

For suggestions, questions and support the Project Manager of Med RFC is always available:

@ [g.gargantini@railfreightcorridor6.eu](mailto:g.gargantini@railfreightcorridor6.eu) or ☎ +39 02 36742662



# 7 Last Mile

## LAST MILE STUDY ALONG THE MEDITERRANEAN RAIL FREIGHTCORRIDOR

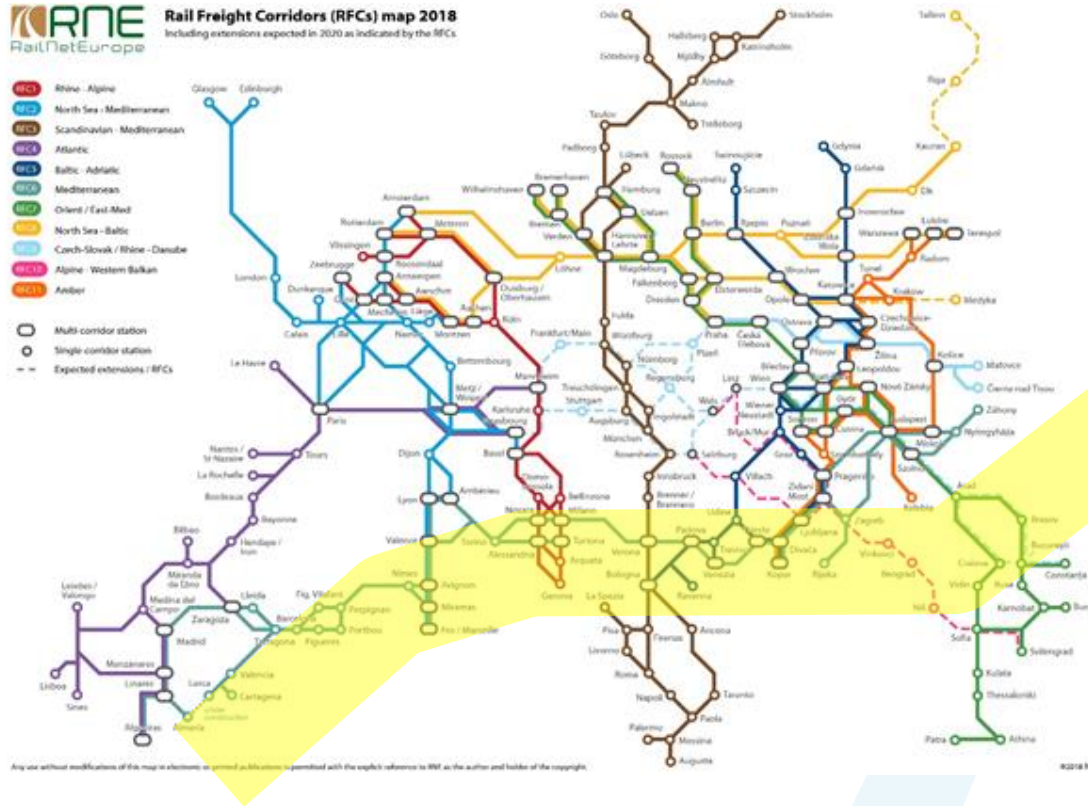


- The study was completed and approved;
- The last checks concerning third party data are undergoing;
- This will be soon published on the Med RFC website and sent to all interested parties;
- The information collected could be used for CIP data entry purposes after confirmation by the different entities;

## 6/ 2019 Strategies and Projects for the Corridor



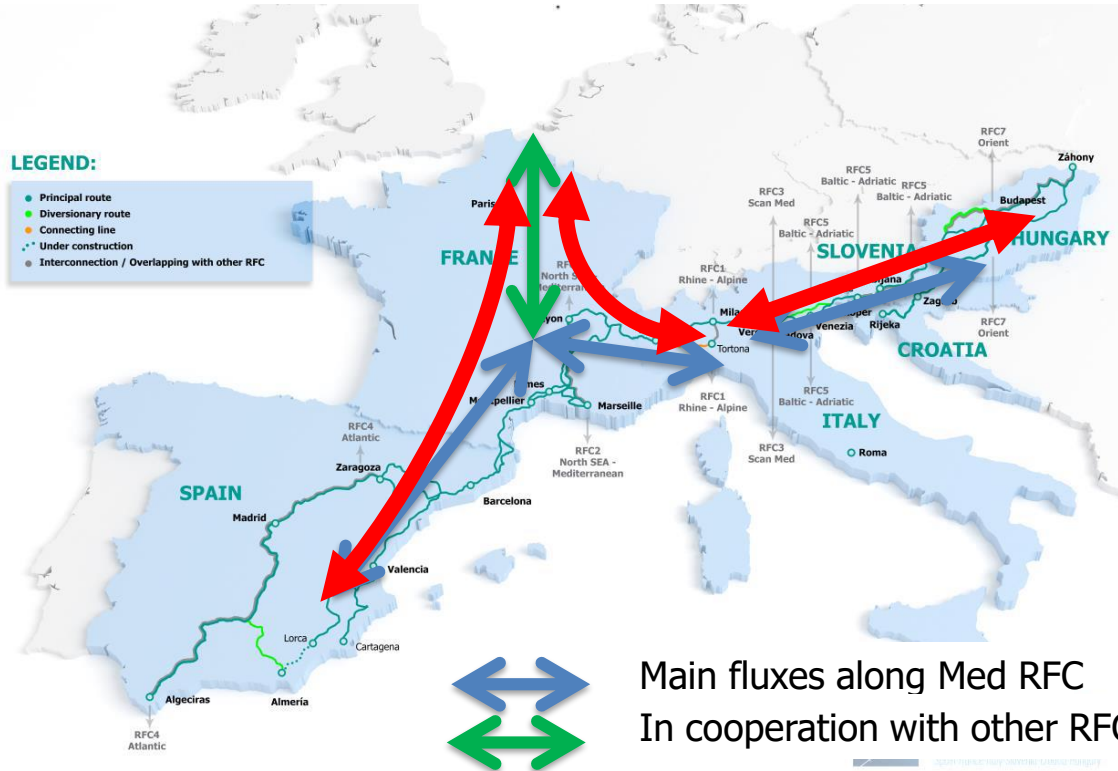
# The Mediterranean corridor and the RFCs' Network



- The Mediterranean Rail Freight Corridor is central within European RFCs' Network
- Its main features is to cross transversally West to East the European region, crossing in this way most of the other corridors (from West to East: RFC 4, 2, 1, 3, 5, 7 e 11)



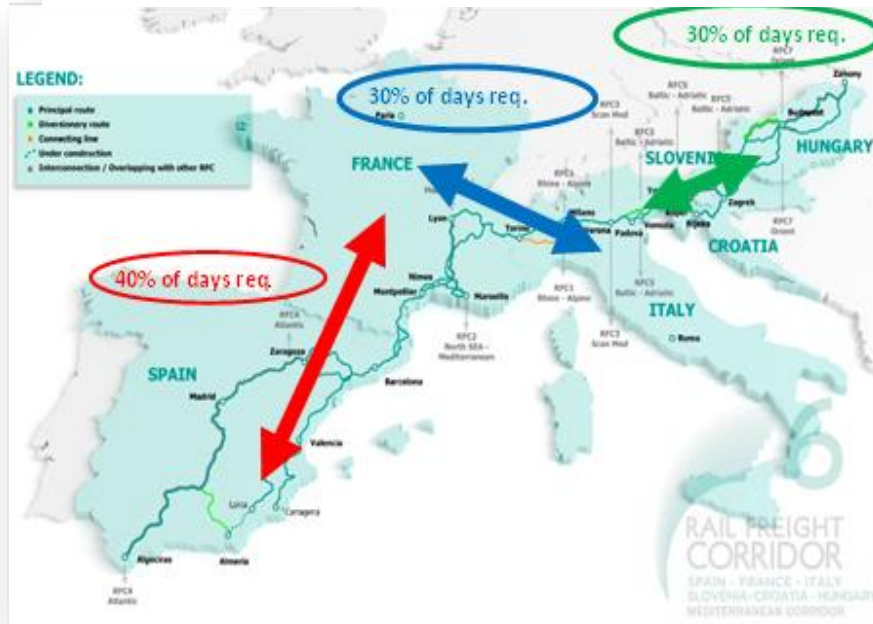
# MAIN FLUXES



- 30 000 trains per year
- most of the fluxes run only over a part of the corridor, they start or end on another corridor
- Main fluxes:
  - ❑ Spain – Northern Europe
  - ❑ Italy – Northern Europe
  - ❑ Italy – Slovenia - Hungary

# MAIN CAPACITY'S REQUESTS ALONG THE MEDITERRANEAN CORRIDOR

Split of the capacity's requests (% of the total number of requests)



## □ ES-FR-DE/BE/UK:

- Via Cerbere/PortBou (Transfesa – axels' exchange or transhipment)
- Via Perpignan, tunnel LFP and UIC line: requests' increase and strong interest from the authorized applicants

## □ ES-FR-IT : Barcelona - Gallarate (HUPAC)

## □ FR/IT : +20% of requested capacity in 2019, in line with additional offered capacity

- VIIA Calais – Torino Orbassano
- Main Origins Fr: Venissieux, Perrigny, Sibelin, Noisy, Miramas
- Mai Destinations It: Torino, Novara, Quattro Ville, Foggia, Fossacesia, Casalpusterlengo

# MAIN CUSTOMERS AND SERVICED MARKETS

- ❑ Main RUs on the Mediterranean Rail Freight Corridor (as capacity Applicants)
  - ❑ **RENFE Mercancias** (Spain)
  - ❑ **ECR, SNCF Fret** and **VIIA** (France)
  - ❑ **Mercitalia** and **Captrain** (Italy)
  - ❑ **SZ-Cargo** (Slovenia).
- ❑ Main serviced Markets
  - ❑ **Intermodal Transport** and **Rail Motorways** among the ports and the main European industrial areas
  - ❑ **Chemical, Automotive, Steel and Irons** and other industrial products for the Western part
  - ❑ **Cereals** and other mineral and agricultural products, with an high seasonality, for the Eastern part

# MEDITERRANEAN RFC TAG-RAG & EVENTS

**QUALITÀ  
PRODOTTA**

## **TAG-RAG meetings:**

27 February 2019 Port of Marseille

26 September 2019 Zagreb

**IMs', Terminals' and RUs' participation is very important**

## **Other events:**

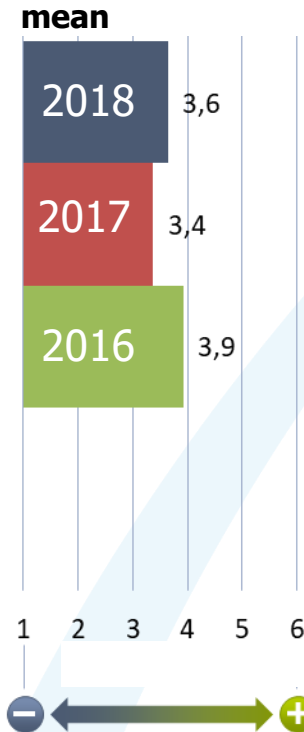
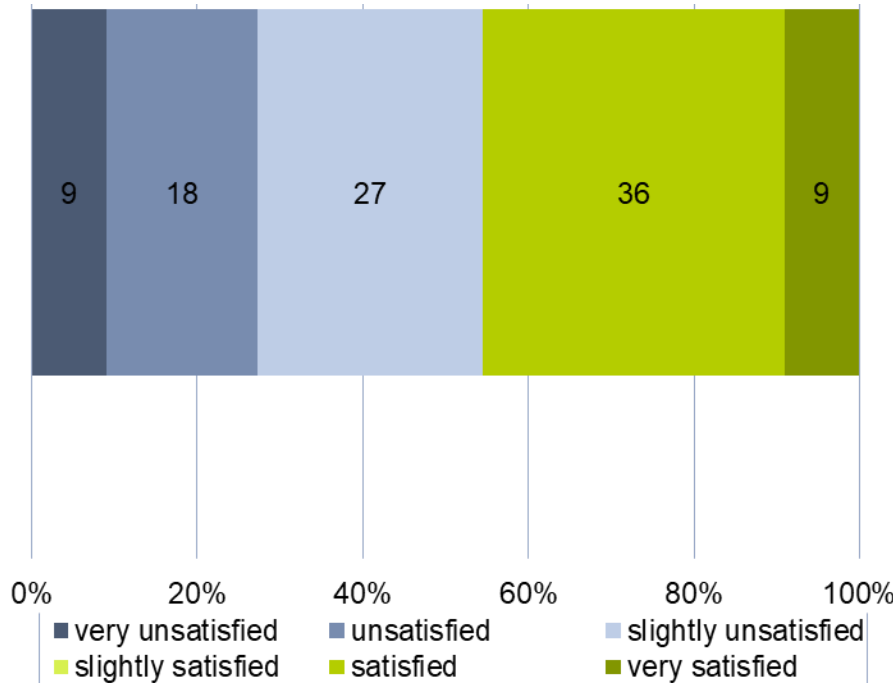
SITL – Paris, 26-28 March 2019

Transport Logistic Fair Munich, 4-7 June 2019

**Save the dates !**

# PERCEIVED QUALITY

## Percentage of Respondents



## Key outcomes of 2018 Customer Satisfaction Survey

- Main satisfactions for
  - ☐ The support provided by the Corridor's one-stop-shop
  - ☐ The established relations of the Corridor with the customers
- The expectations are focused on the works' issues:
  - ☐ the planning,
  - ☐ the coordination among the IMs
  - ☐ Customers' support with alternative offers.

## STUDIES AND PROJECTS

Projects completed	Projects on going	Projects to be started
Short Term Capacity Pilot	Integrated Capacity Pilot	Boost On Rail
Last Mile Study	CIP Implementation	Med-info
Recast Study	Paps Workflow Monitoring	TTR Pilots
Train Length Study	Tail Lights vs Plates	Transport Market Study update

# STUDIES AND PROJECTS - 1

## ➤ **Boost on Rail: how to boost European Chem freight on rail**

A project developed in partnership with Federchimica in 2019-2020

In Italy the Mediterranean RFC is developing the project in partnership with **Federchimica** (the Italian Association of the Chemical Firms) in 2019-2020 with the goal of **better understanding the transport end users' needs** and **of increasing the rail modal share within Chemical industry**.

- ⇒ **Boost 1:** Survey on land transportation of chemical goods, with focus on enabling and disabling factors of rail and intermodal transportation and on modal decision making process
- ⇒ **Boost 2:** Pilots to test on the field the transfer to rail of selected freight flows

## STUDIES AND PROJECTS - 2

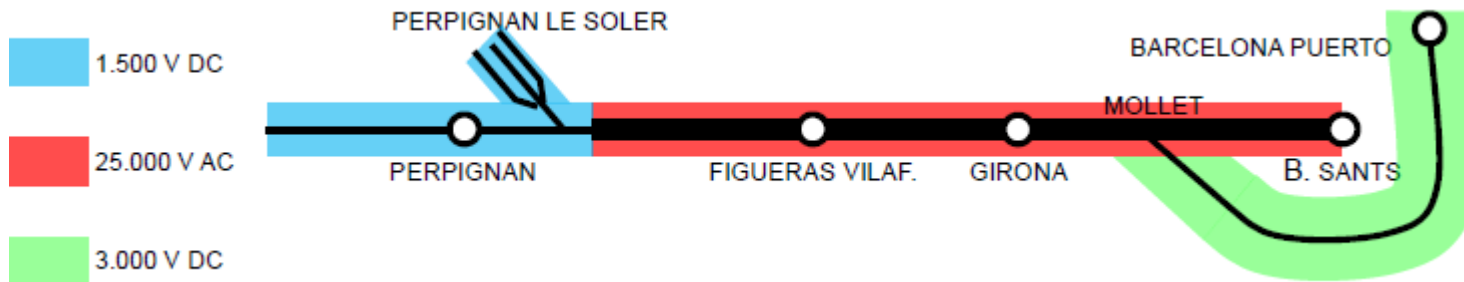
- **Boost on Rail: how to boost European Chem freight on rail**
- ⇒ **Boost 3:** Dissemination and extension at European level, in cooperation with other RFCs/RNE and National Chemical Associations/Cefic
- ⇒ **Boost 4:** In case of success this project will extended also in other Industries with rail vocation (Intermodal, Automotive, MTO, Steel and Iron etc.)
- **TTR Pilots**

The Mediterranean RFC propose to implement Pilot Projects along the Corridor with the goal to allow the **implementation of TTR project with TT 2025, as planned.**



## POINTS OF ATTENTION AND DEVELOPMENT RISKS

- **Works' harmonisation:** many works are been performed along the Corridor and the harmonisation attempts among IMs must be adequate and at level.
- **Interoperability completion:** Perpignan's node (3 signalling systems and 3 supply's systems on the line's section between Figueras and Perpignan) is an example of the limits still to be overcome. Other elements the difference between France and Spain's rail gauge on the historical line, the maximum allowed to the trains (740 m in some countries and less than 600m in other countries) and the mandatory tail lights in Italy and France;



## 2019 TARGETS

- **Better works' planning and more effective coordination among IMs**
  - ❑ Bilateral meetings to be organized on regular basis
  - ❑ Common rules for the amount of PaPs offered in the works' planning
- **Timely Coordination between neighbouring IMs:** timely involvement of C-OSS, and warning to neighbouring IMs the fastest in case of variation. Dwell times planned in Cerbere/ Port-Bou are adequately long to allow a variation of the train path, but it is not always possible in Modane.
- **Respect of the time limits planned by RNE for the publication of the offer**
- **Better quality of operational data (TIS and KPIs)**
- **Better understanding of end users' needs**
- **Dwelling time decrease at the border** (especially on the eastern part of the MED CORR)

## LONG TERM GOALS

- To support cooperation among **all the actors of the rail system** along the Corridor, strengthening the overall effectiveness of the rail transport and **increasing its modal share**
- To support the **coordination among the Infrastructure Managers** along the Corridor in terms of **commercial offer** as well as of **infrastructural and technological development**, so to maximize the capacity offered and to favour the interoperability effectiveness
- **To improve the commercial offer** along the Corridor by adapting quality and quantity of the PaPs to the market's needs, by aligning the Corridor's commercial offer to needs collected from all the customers, and by favouring a better planning of the works along the Corridor (TCR) and answering to the strong demand for short term capacity.
- **To implement a TPM process reliable** with a full involvement of **rail undertakings** so to activate a process finalized to improve the overall performance of the rail system.
- To support **the timely implementation of TTR project** along the Corridor.

# THE EXPECTATIONS OF RUS AND TERMINALS

What are the expectations of RUs and Terminals vs the Mediterranean Rail Freight Corridor, notably relevant to:

- The development of a commercial offer near to collection of needs (market's needs) and able to increase the rail modal share along the Corridor?
- The implementation of TTR project with 2025 TT?
- The EU Regulation 913/2010 review?



End of the meeting

**Enjoy your visit !!**

Mediterranean Rail Freight Corridor connects you!

**THANK YOU**

MEDITERRANEAN RAIL FREIGHT CORRIDOR  
IS AN ORGANIZATION



Co-financed by the European Union  
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