



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

Mediterranean Rail Freight Corridor

19th TAG-RAG meeting

24/11/2022 - 09:00-12:30

Organized via Microsoft Teams



Co-funded by
the European Union



Med RFC 19th TAG/RAG Meeting - Agenda

Venue: Teams - Online meeting

Date: 24/11/2022

Time: h 09:00-12:30

	Topic	Speaker	Time
1	Welcome from the Med RFC	Managing Director	09:00 09:15
2	TAG-RAG pre-meetings outcomes and new topics	TAG RAG Spokespersons	09:15 10:00
3	Feedback from Med RFC on previous and ongoing issues <ul style="list-style-type: none"> ➢ Villa Opicina taskforce state of play - program update ➢ Modane QCO - state of play ➢ Feedback on TELT meeting ➢ Feedback on the Management Perpignan FI Station 	Managing Director Project Manager	10:00 10:20
4	EU-Ukraine Solidarity Lanes to facilitate Ukraine's agricultural export, next steps	Infrastructure Advisor	10:20 10:35
	Coffee break		10:35 10:50
5	C-OSS state of play <ul style="list-style-type: none"> ➢ TT 2023 summary ➢ TT 2024 Expression of needs results Request and suggestions from TAGs and RAGs.	C-OSS Leader	10:50 11:15
6	Main TCRs Update	C-OSS Leader / IM	11:15 11:30
7	International Contingency Management <ul style="list-style-type: none"> ➢ Simulation outcome 10 November 2022, next steps in 2023 	Infrastructure Advisor	11:30 11:45
8	Train Performance Management <ul style="list-style-type: none"> ➢ Linking of trains, Train linking RU workshop Q1 2023 	Infrastructure Advisor	11:45 12:00
9	Wrap-up of the meeting and main conclusions	Managing Director	12:15 12:20
10	AOB	All	12:20 12:30
	End of the meeting		12:30

Welcome to the 19th Advisory group TAG/RAG for the Mediterranean RFC !

2.TAG-RAG pre-meetings outcomes and new topics

- TAG pre-meeting: chairman Jordi Torrent hold on 21.11.2022 – 15:00-16:00
- RAG



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RUs feedback

Aldo Maietta



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Terminals and Ports feedback

Jordi Torrent



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3. Feedback from Med RFC on previous and ongoing issues

- 3.1 Villa Opicina taskforce state of play - program update
- 3.2 Modane QCO - state of play
- 3.3 Feedback on TELT meeting
- 3.4 Feedback on the Management Perpignan FI Station





3.1 Villa Opicina taskforce state of play - program update



Villa Opicina taskforce state of play - program update

- 1) The past – What was performed
- 2) Outcome of 2021 survey
- 3) Achievements – State of Play
- 4) Simplification and relaunch of the Villa Opicina taskforce project plan
- 5) Wrap-up and conclusions

1) What was performed

- **Execution of a survey** on the problematic issues and further analysis (one-by-one interviews with all the RUs managing traffic at the border) – month of March 2021
- **List and prioritization of the identified activities** for overcoming the key issues affecting cross-border operations
- Analysis of the rules for the planning and management of traffic at the border (VOPT)
- **Set-up of the VO.P.T. compliance monitoring** related to the coordination of freight traffic flows passing through Villa Opicina plant especially Ch 3 and Ch 5 of the bilateral agreement
- **VO.P.T. Monitoring** of the daily circulation November 2020 - June 2021

RU	VOPT AGREEMENT COMPLIANCE				
	TIMING	CONTENT	TECH OPS	RID / TES INFO	SHIFTS
RU 1	✓	✗	✗	✗	✗
RU 2	✓	✓	✓	✓	✗
RU 3	✓	✓	✗	✓	✗
RU 4	✓	✗	✗	✓	✗
RU 5	✓	✓	✓	✓	✓
RU 6	✓	✗	✗	✗	✗
RU 7	✗	✗	✗	✗	✗
RU 8	✓	✗	✗	✓	✗
RU 9	✓	✗	✗	✗	✗
RU 10	✓	✓	✓	✗	✗
RU 11	✓	✗	✗	✗	✗
RU 12	✓	✓	✗	✗	✗
RU 13	✓	✓	✓	✓	✓
Compliance ratio	92%	46%	31%	46%	15%
			46%		

2) Outcome of 2021 Survey – identified issues

Proposal	Participants	Priority	TF Meetings	Participants						Relevance	Usefulness	Difficulty	
				Med RFC	RFI	SZ-I	RUs	Ports	RNE				
1	Electronic Docs exchange	RU Issue	1	4	✓	✓	✓	✓			8	10	3
2a	Technical check harmonization - Phase 1	RU Issue	2	8	✓	✓	✓	✓			11	9	5
2b	Technical check harmonization - Phase 2	RU Issue	3	10	✓	✓	✓	✓			11	7	7
3	Ad hoc trains management	IM+RU Issue	7	8	✓	✓	✓	✓			5	9	7
4	Interoperability enhancement	IM+RU Issue	6	8	✓	✓	✓	✓			2	9	7
5	Port involvement	IM+RU+TO Issue	5	8	✓	✓	✓	✓	✓		2	7	4
6	Int'l ad hoc trains mgmt ICT tool	Pilot IM+RU	parall.	parall.	✓	✓	✓	✓		✓	8	10	8
7	Set-up VOPT compliance monitor	Permanent Issue	cont.	cont.	✓	✓	✓	✓			10	8	2
8	Increase capacity for border ops	IM Issue	parall.	parall.	✓	✓	✓	✓			6	4	5
9	Additional plants for border ops	IM Issue	4	8	✓	✓	✓	✓			3	9	3
10	TCRs management	IM Issue	1	on going	✓	✓	✓	✓			8	8	5
11	Heavy trains management	IM Issue	8	8	✓	✓	✓	✓			3	7	3
12	Enhancement of alternatives routes	IM Issue	9	8	✓	✓	✓	✓			1	5	10
13a	Extend Language Program - Phase 1	IM+RNE Issue	parall.	parall.	✓	✓	✓	✓		✓	1	7	2
13b	Extend Language Program - Phase 2	IM+RU+RNE Issue	parall.	parall.	✓	✓	✓	✓		✓	1	9	8
											80	8	5

Villa Opicina Task force Project Plan presented 07/2021

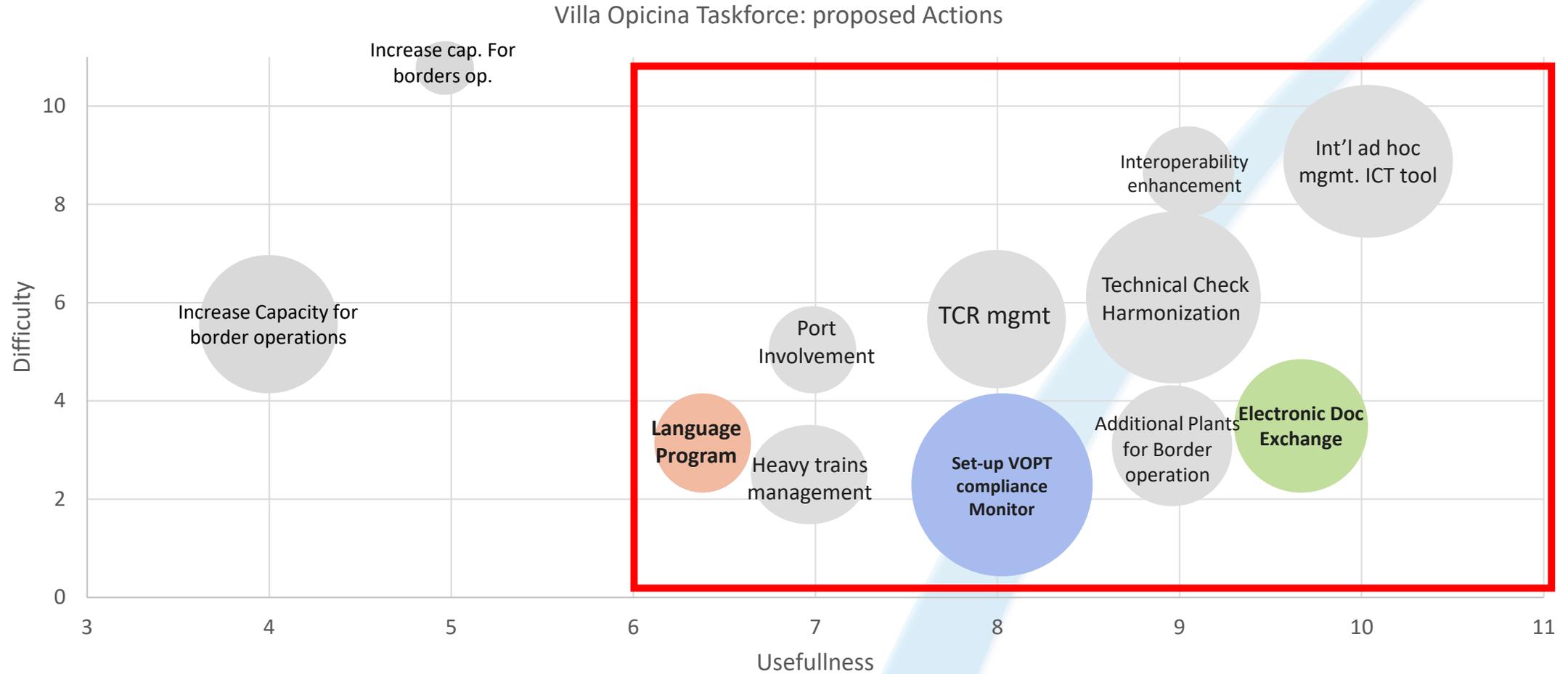
2) Outcome of 2021 Survey – Issues into proposals

Villa Opicina QCO: proposed Actions



Villa Opicina Task force CBA presented 07/2021

2) Outcome of 2021 Survey – ongoing activities



Villa Opicina ongoing activities as of 11/2022

3) Achievements

Achievements

1. **Joint IM communication to all the RUs** managing traffic at the border for recalling the respect of the VOPT agreement;
2. **Monitoring and supporting IMs and RUs in the management of re-routings (closure of Karawankentunnel and Tarvisio)** passing through Villa Opicina;
3. Activation of the WG on **electronic document exchange**;
4. International ad hoc trains management tool: BPS tool evaluation;
5. Running of a **Pilot Language Program** with T4R application for IM-IM communications (Villa O./Sezana and Venezia M./Ljubljana);



4) Simplification and relaunch of the Villa Opicina taskforce project plan

Proposal		Description	Participants
7	VOPT compliance monitor (assessment)	Improvement of VOPT agreement compliance	Permanent Issue
new	Monitoring activity of 10 worst cases	Every 15 days during 3 months collection of the worst 10 circulations performance at Villa Opicina (data collection from the 2 IMs)	RFC + IMs
	Shared analysis and initiatives to be impleted	Data analysis with the 2 IMs and the interested RUs for a period of 3 months and at the end assessment and discussion on next activities	RFC + IMs + RUs
1	Electronic Docs exchange	Promote the preventive exchange of documents by favoring the electronic exchange	RU Issue
	Electronic Doc Exchange - Initial Shared analysis	Check of the activities performed by the WG and relaunch	
	Electronic Doc Exchange - Initiatives to be implemented		
13a	Language Program IM-IM (ViSe under RECOMI project)	Extension of Language Program to IT-SI communication between R-TCCs. Ongoing Language Program between Villa Opicina - Sezana and TCC Venezia Mestre - Ljubljana with T4R application.	IM+RNE+MED RFC

5) Wrap-up and conclusions

- **Simplification** of the Project Plan, shorter deadlines with an **interim assessment** of the activities performed;
- **Start from field data** (real critical circulations examples) – data collection for an agreed period of time by the 2 IMs;
- Promote **joint analysis** of the worst circulations/trains, first between the two IMs, and then also with the RUs;
- **VOPT compliance monitoring** assessment after the joint communication and through the period (where there changes?);
- **Assessment of the current rules**, after a period of data collection and analysis;

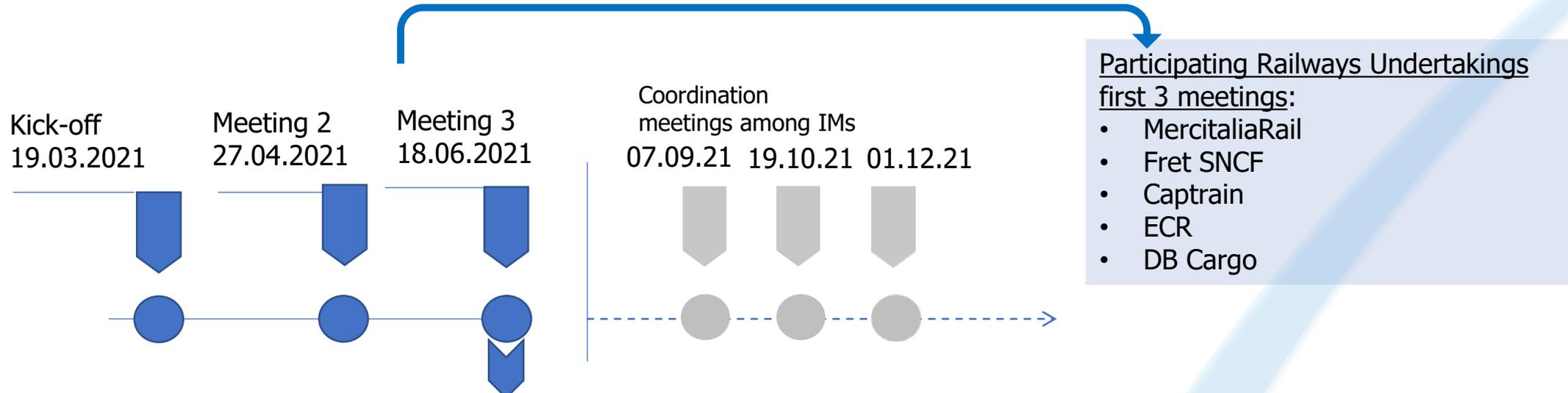


3.2 Modane QCO state of play



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Modane border – QCO



- Participating Railways Undertakings**
first 3 meetings:
- MercitaliaRail
 - Fret SNCF
 - Captrain
 - ECR
 - DB Cargo

Common Definition of topics



- Prioritization and planning of the order
- Next topic starts at closure of previous one

30.09.2022 Meeting in person at Modane plant to relaunch the **Modane QCO**

- Hybrid meeting: 14 people attending via MS Teams and 24 in-presence attendees
- Joint presentation of **TCRs** by RFI & SNCF R.
- Visit of the plant



30.09.2022 Meeting in person at Modane plant to relaunch the **Modane QCO**

The **TCR topic** will be carried on within the regular structure of the RFC, this is a summary of the feedback collected during the meeting:

- Some RUs informed that they were not aware of the impact of the works and the meeting was very useful for better understanding
- It was requested to enlarge the scope of the view currently provided to include the axis capacity view on Lyon/Dijon – Italy
- It was requested to reflect about alternative scenarios, traffic cannot be blocked
- Proposal to organize similar meetings in the future in the presence of the two IMs and RUs

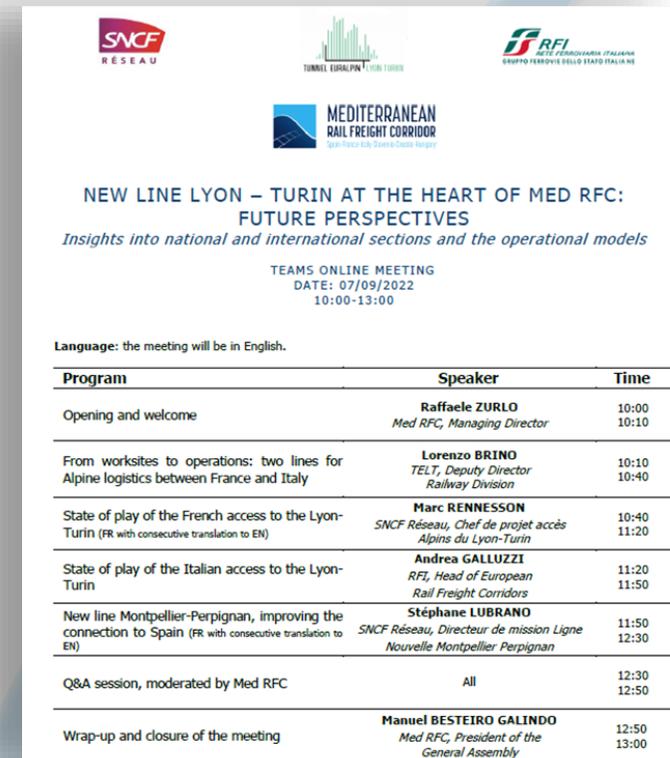


3.3 Feedback on TELT meeting

Recurring topics

1. Request of information about the Fréjus base tunnel, Turin-Lyon feeder lines and connected terminals: the progress of the works, state of the art of line design, in particular on the expected technical features and the hypothesized operating model.

- ▶ First presentation of the international section of the Turin-Lyon presented on the 16th TAG-RAG (10.02.2020)
- ▶ Med RFC organized a **dedicated session** about this topic **on 7 September 2022**, with the participation of all involved actors: SNCF R. + TELT + RFI



Logos: SNCF RESEAU, TUNNEL EURALPIN, RFI RETE FERROVIARIA ITALIANA, MEDITERRANEAN RAIL FREIGHT CORRIDOR

**NEW LINE LYON – TURIN AT THE HEART OF MED RFC:
FUTURE PERSPECTIVES**
Insights into national and international sections and the operational models

TEAMS ONLINE MEETING
DATE: 07/09/2022
10:00-13:00

Language: the meeting will be in English.

Program	Speaker	Time
Opening and welcome	Raffaele ZURLO <i>Med RFC, Managing Director</i>	10:00 10:10
From worksites to operations: two lines for Alpine logistics between France and Italy	Lorenzo BRINO <i>TELT, Deputy Director Railway Division</i>	10:10 10:40
State of play of the French access to the Lyon-Turin (FR with consecutive translation to EN)	Marc RENNESSON <i>SNCF Réseau, Chef de projet accès Alpins du Lyon-Turin</i>	10:40 11:20
State of play of the Italian access to the Lyon-Turin	Andrea GALLUZZI <i>RFI, Head of European Rail Freight Corridors</i>	11:20 11:50
New line Montpellier-Perpignan, improving the connection to Spain (FR with consecutive translation to EN)	Stéphane LUBRANO <i>SNCF Réseau, Directeur de mission Ligne Nouvelle Montpellier Perpignan</i>	11:50 12:30
Q&A session, moderated by Med RFC	All	12:30 12:50
Wrap-up and closure of the meeting	Manuel BESTEIRO GALINDO <i>Med RFC, President of the General Assembly</i>	12:50 13:00

Feedback on TELT meeting

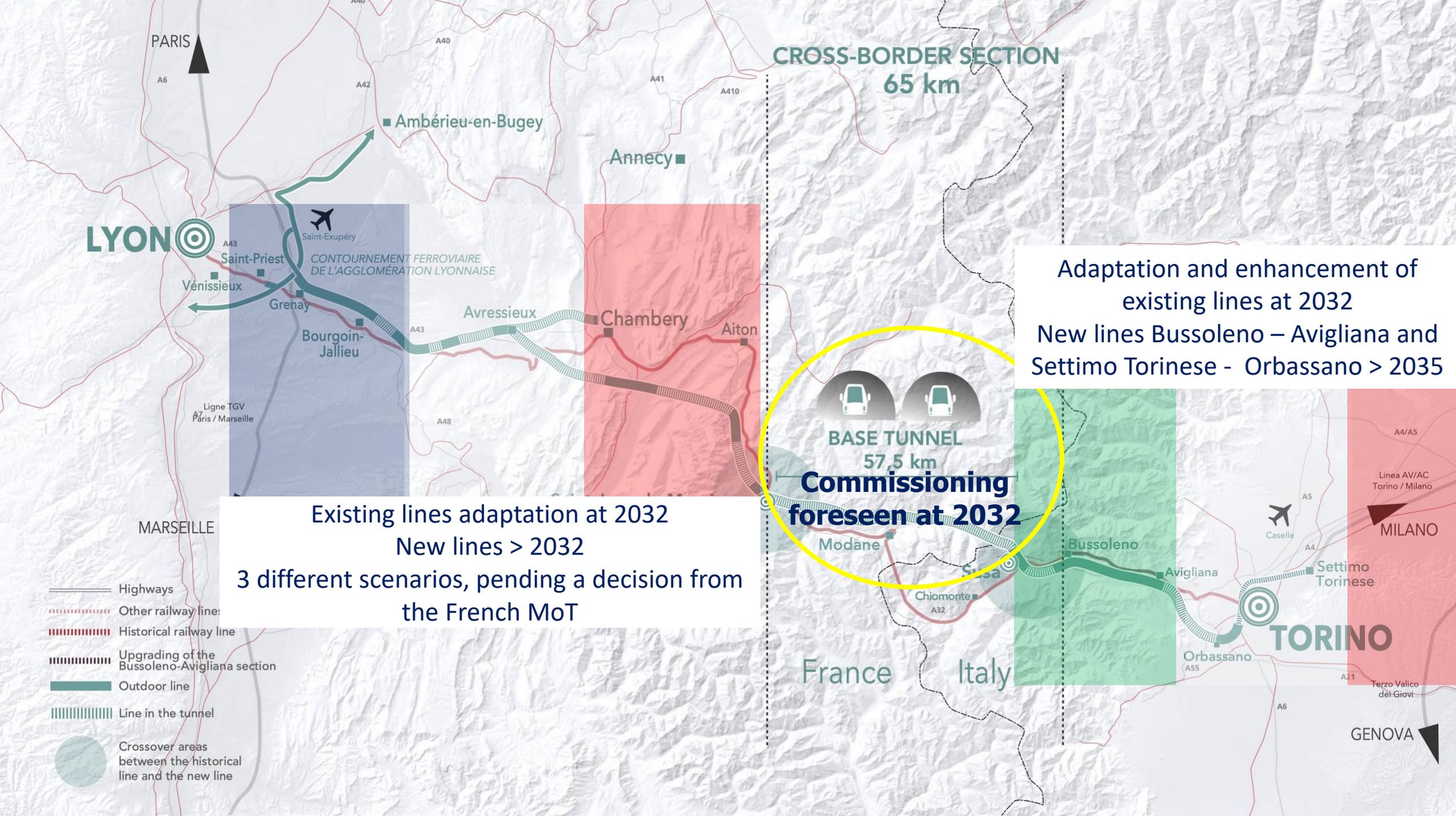
07.09.2022 Online meeting – Corridor’s Infrastructure development following a request from the RAG on

- a) **TELT base tunnel** and national approach sections
- b) **Montpellier – Perpignan** new High Speed Railway line

- About 70 people connected throughout all the meeting
- Response to TAG-RAG participants’ requests
- Raising the awareness of IMs and RUs about the critical points
- Next meeting foreseen in autumn 2023, to assess further developments
- Participation of IT and FR MoT and Corredor Mediterraneo (ES)



	Access SNCF R.	TELT	Access RFI
1. Development plan description (concerning civil works and technologies completion);	Different scenarios, adaptation of existing lines = 2032; new lines >2032	✓ testing and line commissioning 2032	✓ Adaptation of existing lines = 2032 new lines Bussoleno - Avigliana & new Orbassano - Settimo Torinese line > 2035
2. Time schedule for the completion of each of the functional lots. We would like to be informed about designing, tendering and building activities ongoing and to be carried out;	not yet available decision foreseen by end 2022	✓	✓
3. Number of additional train paths available after the completion of the functional section (Base tunnel + 1 or more access sections);	-	-	-
4. Further additional train paths available after the completion of the following access section, lot by lot;	-	-	the model conceives doubling of n. of trains capacity, 170 freight trains/day (266 trains/day)
Max. length	new line: 750 m	750 m for freight	new line: 750 m existing line: 750 m
Max. axle load	D4, 1600 t	D4	D4, 1600t
Max. total load	-	-	-
Gabarit	existing lines: P/C 45/364	P/C80+ ; 4.2 mt high standard trucks on wagons	new line: P400
	new lines: depend on the scenario		existing line: P/C 80/400
Rail tracks	✘	1435 mm, concrete slaps in the tunnel and balast in the open sections	✘
Power supply	existing lines: 1,5 kV	25 Kv	3 kV
	new lines: 25 kV		
Signalling system	existing lines: KVB	ERTMS level 2	existing line: ERTMS level 2
	new line: ERTMS level 2		new lines: ERTMS level 2



Existing lines adaptation at 2032
 New lines > 2032
 3 different scenarios, pending a decision from
 the French MoT

**Commissioning
 foreseen at 2032**

Adaptation and enhancement of
 existing lines at 2032
 New lines Bussoleno – Avigliana and
 Settimo Torinese - Orbassano > 2035

- Highways
- Other railway line
- Historical railway line
- Upgrading of the Bussoleno-Avigliana section
- Outdoor line
- Line in the tunnel
- Crossover areas between the historical line and the new line

3.4 Feedback on the Management Perpignan FI Station

PERPIGNAN FAISCEAU INTERNATIONAL

New operating rules to
accompany the development of freight traffic
freight

LE 25 OCTOBRE 2022

Agenda

01.

Ambitions for the development of international freight traffic

02.

Status and current functioning of the Perpignan Faisceau International (FI)

03.

Weaknesses identified and impacts on RUs production

04.

Way and solution envisaged

LES AMBITIONS DE DÉVELOPPEMENT DU TRAFIC FRET INTERNATIONAL

+ Expected developments

+ Summary of network projects

- 2024 Tarragona
- 2026 Valencia
- 2030 Algésiras
- 2032 Lyon / Turino
- 2034 Extension of the by-pass Montpellier – Béziers

➤ Spanish network (Mediterranean ports and agricultural area south of Valencia) will efficiently be connected with France and all of Europe

Increase in traffic at border points already measurable



*International train path ordering tool

** Data for freight traffic only

➤ International wish lists between France and Spain are already on the rise for 2024

➤ Rail demand will gradually increase over the next 10 years and beyond

Nb de sillons commandés dans PCS*		
Border point Perpignan FI		
SA 2022	8 dossiers	+150%
SA 2023	20 dossiers	
Tout point frontière avec l'Espagne confondu**		
SA 2022	69 dossiers	+17,4%
SA 2023	81 dossiers	



Let's prepare for this increase together.

WAY AND SOLUTION ENVISAGED

+ Implementation of new rules in the operating manual of Perpignan station

- Limited parking times (5h maxi)
- Train paths constructed with reasonable and agreed parking times
- Stabling solutions at upstream stations can be studied and taken into account in RUs production from the train path order or pre-construction phase
Target date: 2024
- In a degraded situation, an obligation to take back or evacuate the elements within a reasonable period is to be defined jointly
- Not affect the production of other RUs operating on the site
- 1 GOV + reliable (lane occupancy graph)
- Increase the station's operating capacity
Target date: 2024

+ Cooperation at the Corridor level on network closure periods

- Request from several RUs already relayed to LFP and ADIF to reduce the closing times of their networks at night
- More possibility on the offer for the RUs
- Limlit parking time due to the closure of neighboring IM
- Promote the development of traffic for the future
Target date: LFP will open 2X / during the TT 2023 et 3X/week during 2024 (art 2.5 DRR LFP 2023)

4. EU-Ukraine Solidarity Lanes to facilitate Ukraine's agricultural export

➤ Development #1

- 12 May 2022 > European Commission to establish Solidarity Lanes to help Ukraine export agricultural goods
- Series of meetings for data gathering to construct a reasonable operation model > Adriatic Corridor
- Identification and removal of bottlenecks > Efficiency issues
- MED RFC added value
 - ▶ TCR updates
 - ▶ Safety certificates > Access contract to Hodos handover station (SI/HU) commotion > HU RUs (10)
 - ▶ Data gathering > Adriatic Seaports
 - ▶ New freight flow management > a regular traffic HU/IT on Reserve Capacity > 4 party solution

- Due the TCRs situation in Slovenia with more 90% of the capacity used, the best choice is
 - Zahony - Rijeka

- **Daily capacities available immediately:**
Reserve Capacity in both side with Weekly capacity: 10 000 Tons



Ravenna

4. EU-Ukraine Solidarity Lanes to facilitate Ukraine's agricultural export

➤ Development #2

- MED RFC GA July/August 2022
- Demand vs Supply > Questionnaires > IMs/RUs/Adriatic Seaports
- 9 different routes checked of 5 IMs > incl. ÖBB
 - ▶ TCR between 15 October 2022 – 31 March 2023 Ljubljana – Divača section 1 track closure, speed limit
- 5 different North-Adriatic Seaports approached > Ravenna/Venezia/Trieste/Koper/Rijeka
- Solutions
 - ▶ Gyékényes – Zagreb – Rijeka 1 pair of ad hoc trains 7 days/week
 - ▶ Gyékényes – Zagreb – Dobova – Koper/Trieste 1 pair of ad hoc trains 6 days/week
 - ▶ Hodoš/Dobova – Koper/Trieste **suspended 15 October 2022 → 31 March 2023 > TCR**
 - ▶ Záhony – Hodoš 2 pairs of ad hoc trains 7 days/week
 - ▶ Záhony – Gyékényes – Koprivnica 1 pair of ad hoc trains 7 days/week

Re-routing option

- ▶ Záhony – Hegyeshalom 5 pairs of ad hoc trains 7 days/week
- ▶ Hegyeshalom-Nickelsdorf-Wiener Neustadt-Villach-Tarvisio-*Ravenna/Venezia/Trieste/Koper* 5 pairs of ad hoc trains 7 days/week

4. EU-Ukraine Solidarity Lanes to facilitate Ukraine's agricultural export

➤ Recent developments > EU Funding

- EUR 250 million of grants to boost the Solidarity Lanes
- Short-term, support quick improvements, mobile equipment, to reduce waiting times and improve movement through the border crossing points and their access routes
- Medium-term, Connecting Europe Facility (CEF) with EUR 50 million to support the infrastructure developments needed to increase further the capacity of the Solidarity Lanes
- https://ec.europa.eu/commission/presscorner/detail/en/statement_22_6825
- More information tomorrow >Solidarity Lanes - Adriatic Corridor meeting (25/11)



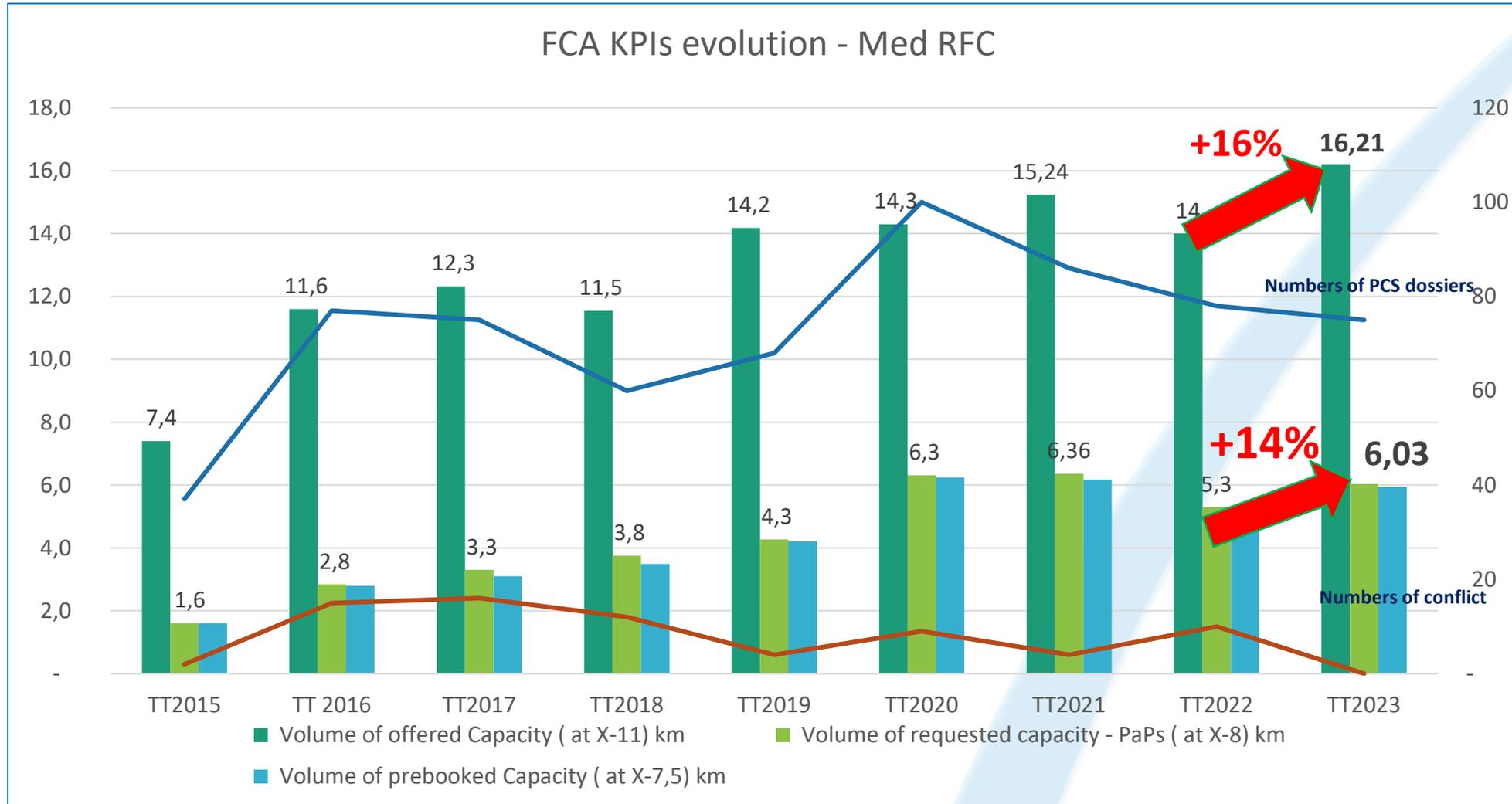
coffee break

5 C-OSS state of play

- TT 2023 summary
- TT 2024 Expression of needs results

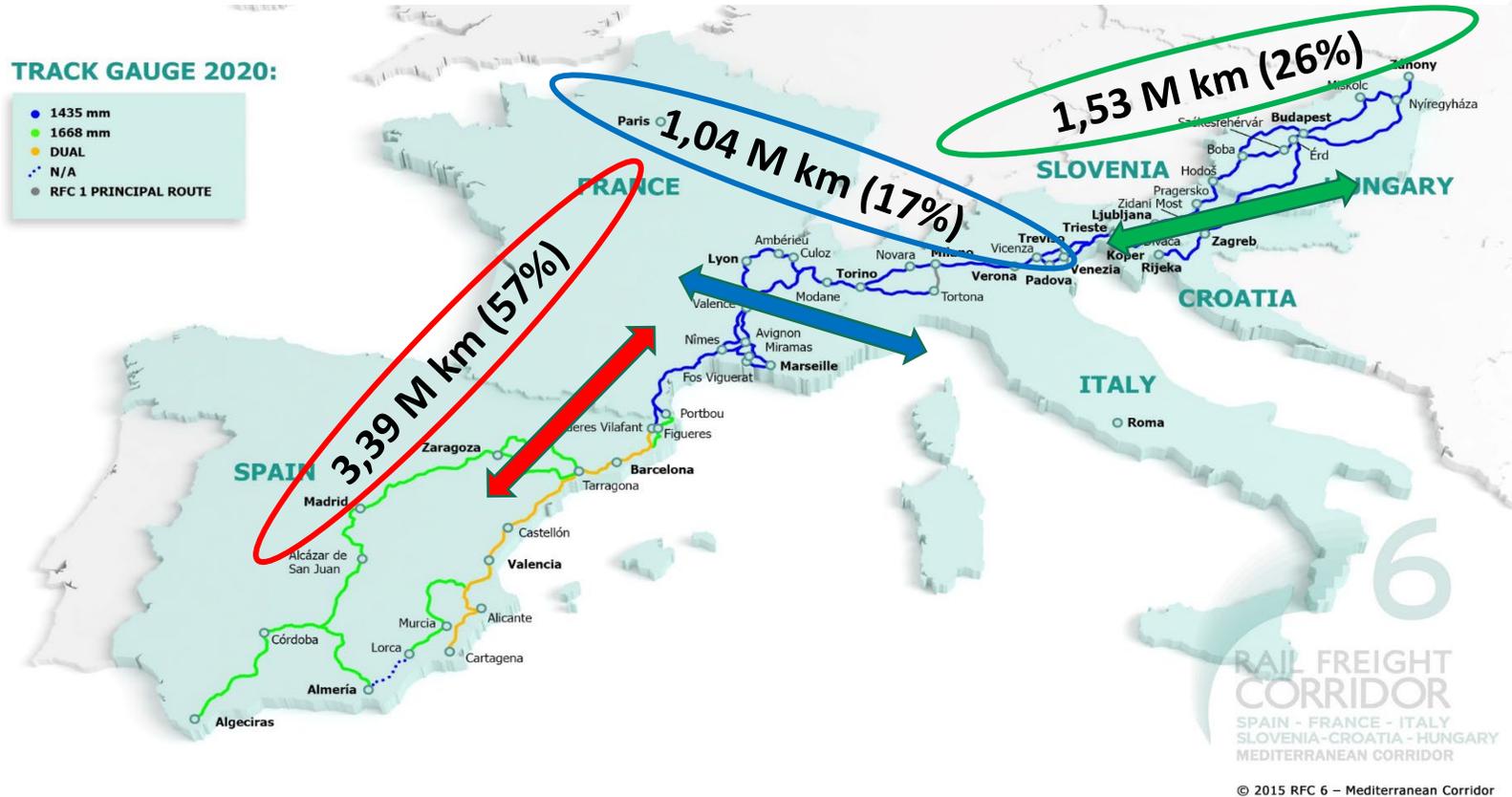
Request and suggestions from TAGs and RAGs.

5.C-OSS / TT 2023 / Overview reminder



Good result:
 +16% offers
 +14% requets
 No conflict

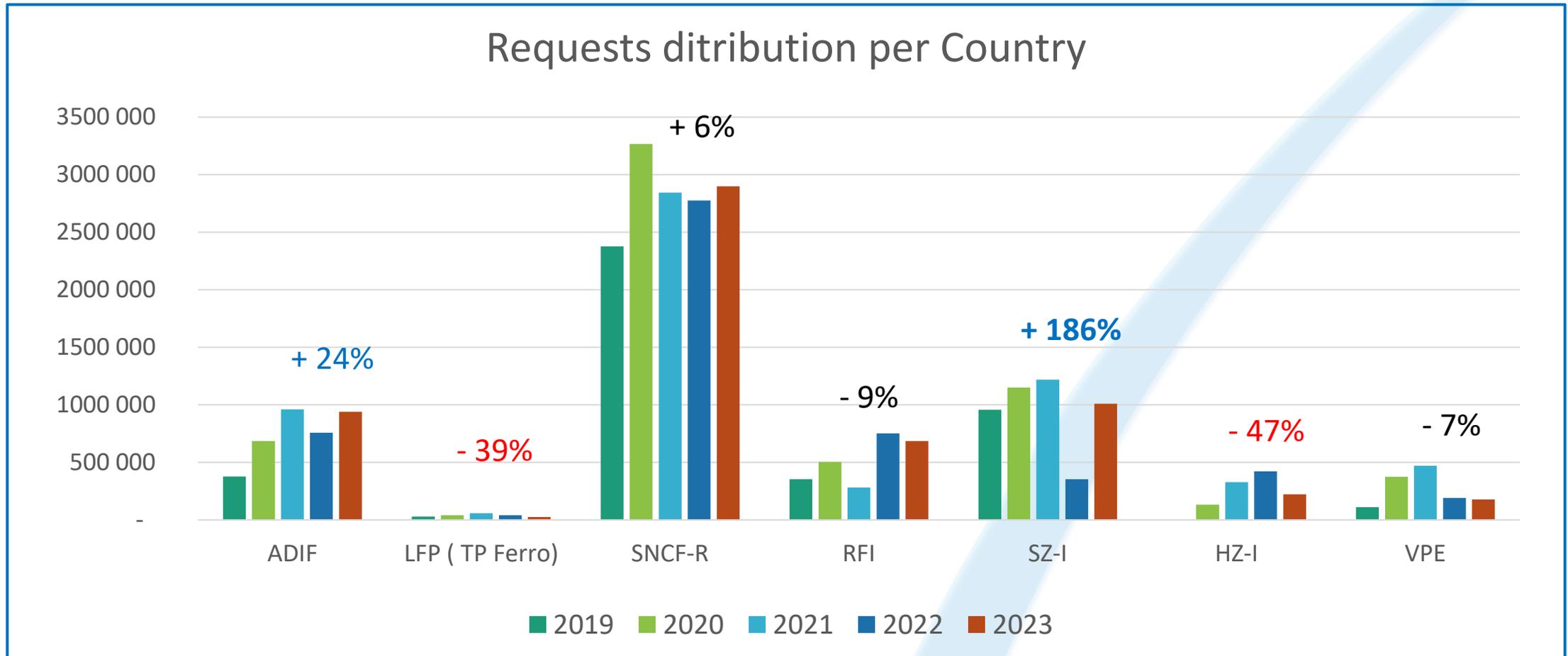
➤ 5.C-OSS / Requests TT 2023 / distribution by main flows



Reminder TT 2022
 W: 2,86 (54%)
 C: 1,28 (24%)
 E: 1,18 (22%)

Increase/decrease TT 2022
 W: + 19 %
 C: - 19 %
 E: + 26 %

➤ **5.C-OSS / Offer TT 2023 / Distribution by country**



Strong loss in Croatia (Rijeka) - usual variation in Hungary and Italy
 In France good in the West & down in the Center – Good in Spain (Cerbere) – Excellent in Slovenia

5.C-OSS / TT 2023 / Summary, deadline respect

75 dossiers requested (April)

- **2 cancellations (No safety certificate between Cerbere and Port Bou)**

- **Respect deadline**

- **Draft offer (05/07): 70% (88% TT 2022)**

- **Final offer (22/08) : 81% (88% TT 2022)**

- Situation is worse than the previous year at the deadlines but on the 16th of September almost the dossiers were validated

(Better situation but not in accordance with the KPIs)

- **Main troubles in quality :**

- **France – Italy** : 14 % days missing (due TCRs situation in France)

- **Western:** 6 % days missing (2 dossiers need to be reconstructed, also harmonization and mistake at the Spanish border)

5.C-OSS / TT 2023 / Reserve Capacity East

		RFI					SZ-I					HZ-I					VPE/MAV														
PaP ID		RFI National ID	Available days at the origin of the PaP RFC6	Treviso	Portogruaro	Villa Opicina Atr. (Fix Times)	SZ-I National ID	Available days at the origin of the PaP RFC6	Koper Tovorna	Villa Opicina Dep. (Fix Times)	Ljubljana Sevnarna	Hodos (Fix Times)	Dobova	HZ-I National ID	Available days at the origin of the PaP RFC6	Rijeka	Moravice	Dobova	Savski Marof	Zagreb RK	Koprivnica	Gyekenyes	VPE/MAV National ID	Available days at the origin of the PaP RFC6	Gyekenyes	Hodos Dep	Székesfehérvár	Ferencváros	Záhony		
C6RCPOFE02			2,4		13:00	14:20		2,4,5,7		16:00	18:41 20:21		22:01		1-7			23:01	23:10	23:50 01:11	03:22 03:36	03:52		1-7	06:17			13:41			
C6RCRIFE02															1-7	03:20	08:06 08:37			14:02 16:33	19:47 20:54	21:10		1-7	22:38			04:54			
		VPE/MAV					HZ-I					SZ-I					RFI														
PaP ID		VPE/MAV National ID	Available days at the origin of the PaP RFC6	Záhony	Ferencváros	Székesfehérvár	Hodos	Gyekenyes	HZ-I National ID	Available days at the origin of the PaP RFC6	Gyekenyes	Koprivnica	Zagreb RK	Savski Marof	Moravice	Rijeka	Dobova	SZ-I National ID	Available days at the origin of the PaP RFC6	Dobova	Hodos	Ljubljana Zalag	Villa Opicina	Koper Tovorna	RFI National ID	Available days at the origin of the PaP RFC6	Villa Opicina	Trieste	Ossoppo	Portogruaro	Treviso
C6RCFERI01			1-7		13:17		20:35			1-7	22:32	22:48 22:58	00:58 03:12		08:22 09:35	13:13															
C6RCFEPO01			1-7		05:17		13:03			1-7	15:14	15:30 15:45	19:06 19:49	20:33			20:42		1,3,5,6,7	23:10		00:39 04:30	08:27			1,6	09:08		10:10		

- Publication each day of the week, except in Slovenia and Italy
- 0,87 Millions Km published
- Publication according to a customer's needs.

5.C-OSS / TT 2023 / Reserve Capacity Center & West

PaP ID	ADIF & LFP														SNCF R											RFI											
	ADIF National ID	Available days at the origin of the PaP RFC6	Madrid Abroginal Dep.	Murcia Cargas	Silla	Grisen	Tarragona	Constanti	Granollers	Port Bou	Cerbere	Barcelona Morrot	Figueres.V	Lim. Adif-TP Ferro	Perpignan/Erw/Sort LGV	Perpignan	SNCF R National ID	Available days at the origin of the PaP RFC6	Cerbere	Le Boulou	Perpignan	Avignon	Villeneuve les Avignon	Sibelin	Venisseux	Ambroay	Ambrieu	Culoz	St Avre	St Jean de Maurienne	Modane FI	RFI National ID	Available days at the origin of the PaP RFC6	Modane Fourniaux	Torino Orb	Novara	
C6RCBMPN01	49117	1,7	-	-	-	-	-	-	-	-	-	03:41	06:29 06:31	06:36	07:21	07:26																					
C6RCBMPN03	49107	1-7	-	-	-	-	-	-	-	-	-	10:40	14:05 14:07	14:12	14:57	15:02																					
C6RCBMPN05	49167	1	-	-	-	-	-	-	-	-	-	12:46	15:36 15:38	15:43	16:28	16:33																					
C6RCSICE07	40492/3	1,2,4,5			14:25		19:12 19:14					00:06																									
C6RCABCE11	40152/3	1-7	11:45	17:16 17:18			23:47 23:49					03:57																									
C6RCGICE19	40882/3	1-5				19:10						06:50																									
C6RCAMOR13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											13:21			16:41	62327	1,7	17:50	19:30			
C6RCAMOR12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											13:49			16:48	62327	2,3,4,5	17:50	19:30			
C6RCASIOR19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-													22:40 23:15	23:44	62303	1	03:19	05:18			

PaP ID	RFI				SNCF R							ADIF																						
	RFI National ID	Available days at the origin of the PaP RFC6	Novara	Torino	Modane Fourniaux	SNCF R National ID	Available days at the origin of the PaP RFC6	Modane Falc. Pair	St Jean de Maurienne	St Avre	Ambrieu	Sibelin	Perpignan FI/FR Arr ou ES	Le Boulou	Cerbere	ADIF National ID	Available days at the origin of the PaP RFC6	Perpignan	Perpignan TP Ferro Pass France (LFP PaP to be added there)	Lim. Adif-TP Ferro	Figueres.V	Barcelona Morrot	Cerbere	Port Bou	Granollers	Constanti	Tarragona	Grisen	Silla	Murcia Cargas	Vicalvaro Clasif / Abroginal (Madrid)	Linares Baeza	Almeria	
C6RCORAM04	62316	1		04:35	06:06	MDAM07	1	07:29			09:57					49104/5	6	05:09	05:14	05:59	06:04 06:06	09:12												
C6RCPNBM02																49184/5	1-7	08:15	08:20	09:05	09:10 09:12	12:08												
C6RCPNBM04																40586/7	1-5						00:54	00:57				09:16						
C6RCBGI00																40276/7	2,4,5						09:13				13:30 13:32		18:13					
C6RCCEI09																40512/3	1-7						22:57				02:48 02:50		07:38 07:40		12:33			

❑ Very few publication in France and Italy 0,12 M Km, high level in Spain 1,37 M km (no connection with France)

❑ Publication according the capacities no requested by the applicants

5.C-OSS / TT 2024 / Overview expression of needs

Timetable (ID number)	2021	2022	2023	2024 (evo/2023)
East	19	29	46	40 (-13%)
Center	60	56	39	40 (3%)
West	36	35	45	60 (33%)
Total	115	120	130	140 (8%)

The total level is increasing:

- Less in East,
- Stable in the Center,
- Big increase in West, no limitation for the Expression of needs in France, new requests

5.C-OSS / TT 2024 / Preconstruction timeline

Timetable (ID number)	2021	2022	2023	2024 (evo/2023)
East	19	29	46	40 (-13%)
Center	60	56	39	40 (3%)
West	36	35	45	60 (33%)
Total	115	120	130	140 (8%)

All the IMs received the wishes list at least on the 4th of October:

- Limitation in Slovenia and Croatia due to many TCRs that will limit the capacity offers
- It sounds good from France with a high level of preconstruction, but there will still be a high impact with TCRs, especially in the Maurienne valley
- Goal to be delivered in the middle of December to respect the offer's deadline: 09th of January

6. Main TCRs Update / information available in Med RFC website

MED RFC_Possessions_2022&2023&2024_(August-2022)_ALL



TCR additional maps related to possessions

MedRFC_Maps_possessions_FRANCE_ITALY (mid 2022)	
MedRFC_France_Avignon-Perpignan 2023 (01_2022)	
MedRFC_Maps_possessions_SLOVENIA_2022-2024 (mid 022)	
MedRFC_Maps_possessions_CROATIA 2022-2023 (mid 2022)	
MedRFC_Maps_possessions_HUNGARY 2022-2023	
TELT Connection in France 2022-2030(mid 2022)	
TCR RFI 2022-2024 East part (mid 2022) september	

6. Main TCRs Update / Spain planned 2023 & 2024

Girona-Vilamalla
 Total closure 48 h
 Autumn 2023

Girona-Vilamalla
 Total closure 72 h and 24 h
 end 2024

Ariza-Zaragoza
 Occasional Closure
 beginning 2023



Castellbis.-Rubi
 Partial closure 4 months
 mid 2023

Riu Llobregat.-Barcelo
 closure estimated 20 day 1 track
 mid 2023

Castellbis.- Martorell
 Occasional Closure during the
 night and weekend
 until 05/2024

Martorell–SV de Calder
 Occasional Closure during the
 night and weekend
 until 05/2024

SVdeCalder–Tarragona
 Occasional Closure during the
 night and weekend and total
 closure 10 weeks in end 2023
 until 05/2024

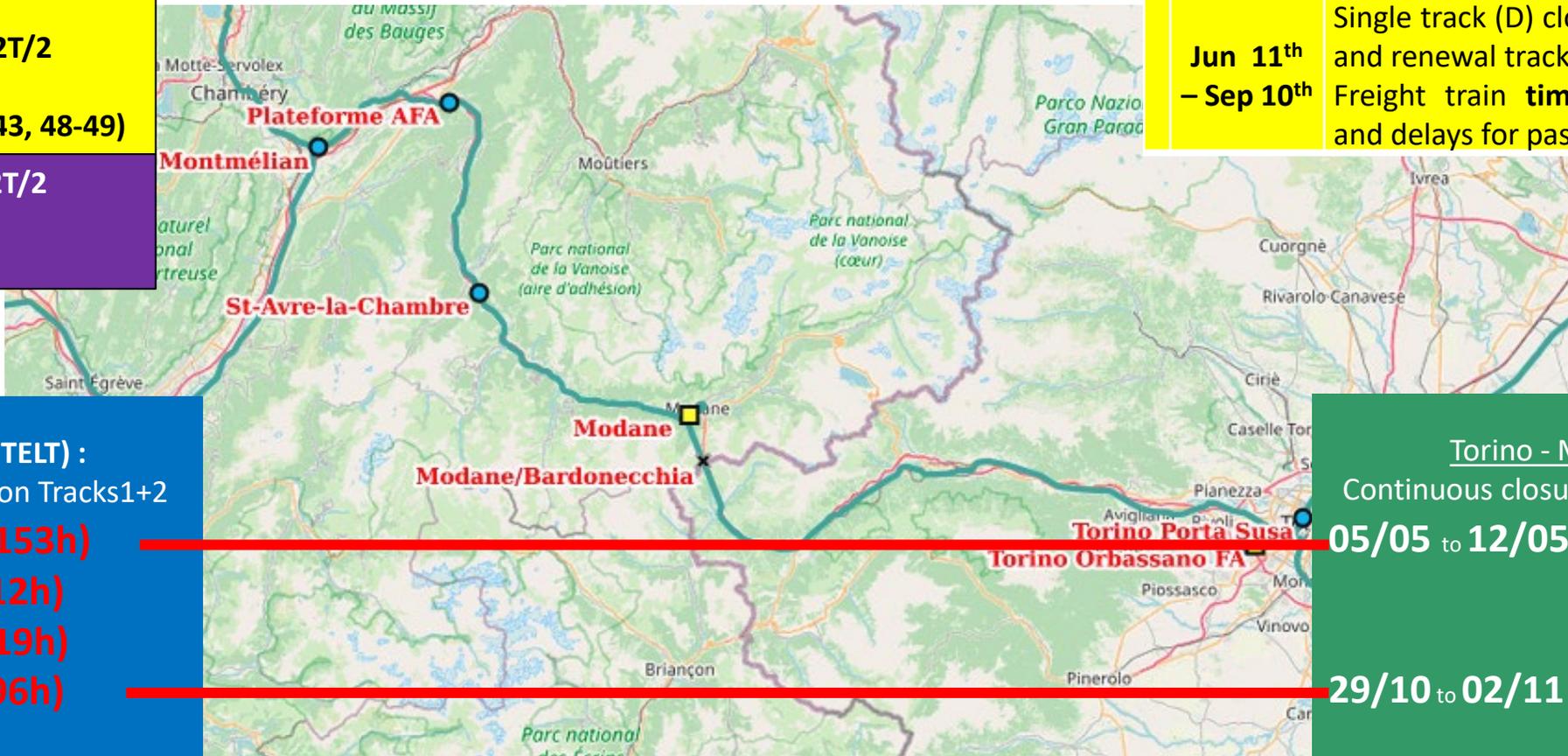
Lleida-Almacelles
 Total closure 75 days
 end 2023-beginning 2024

6. Main TCRs Update France - Italy planned 2023

Lyon-Torino Tunnel (TELT) :
11h15 AM-04h00 PM 2T/2
Monday-Friday
(Weeks 3-6, 11-15, 40-43, 48-49)

00h00 AM-05h15 AM 2T/2
Tuesday-Saturday
(Weeks 7-10)

Jun 11th
– Sep 10th
 Single track (D) closure for security and renewal track works.
 Freight train **timetables changes** and delays for passengers' trains.



Lyon-Torino Tunnel (TELT) :
 Continuous closure on Tracks1+2
05/05 to 12/05 (153h)
01/07 to 02/07 (12h)
22/07 to 23/07 (19h)
29/10 to 02/11 (96h)

Torino - Modane
 Continuous closure on Tracks1+2
05/05 to 12/05 (168h)
29/10 to 02/11 (96h)

6. Main TCRs Update Modane planned 2024

(Draft not totally stable)

Renewal Tracks :

- 07h15 AM-03h45 PM 2T/2 (8h30)
- 03h45 PM-04h15 PM 1T/2 (30 min)
- Monday-Friday (Weeks 28-42)
- 11h18 AM-05h18 PM 2T/2 (6hrs)
- (Weeks 43-46)
- 11h05 AM-03h50 PM 2T/2 (4h45)
- (Weeks 47-50)

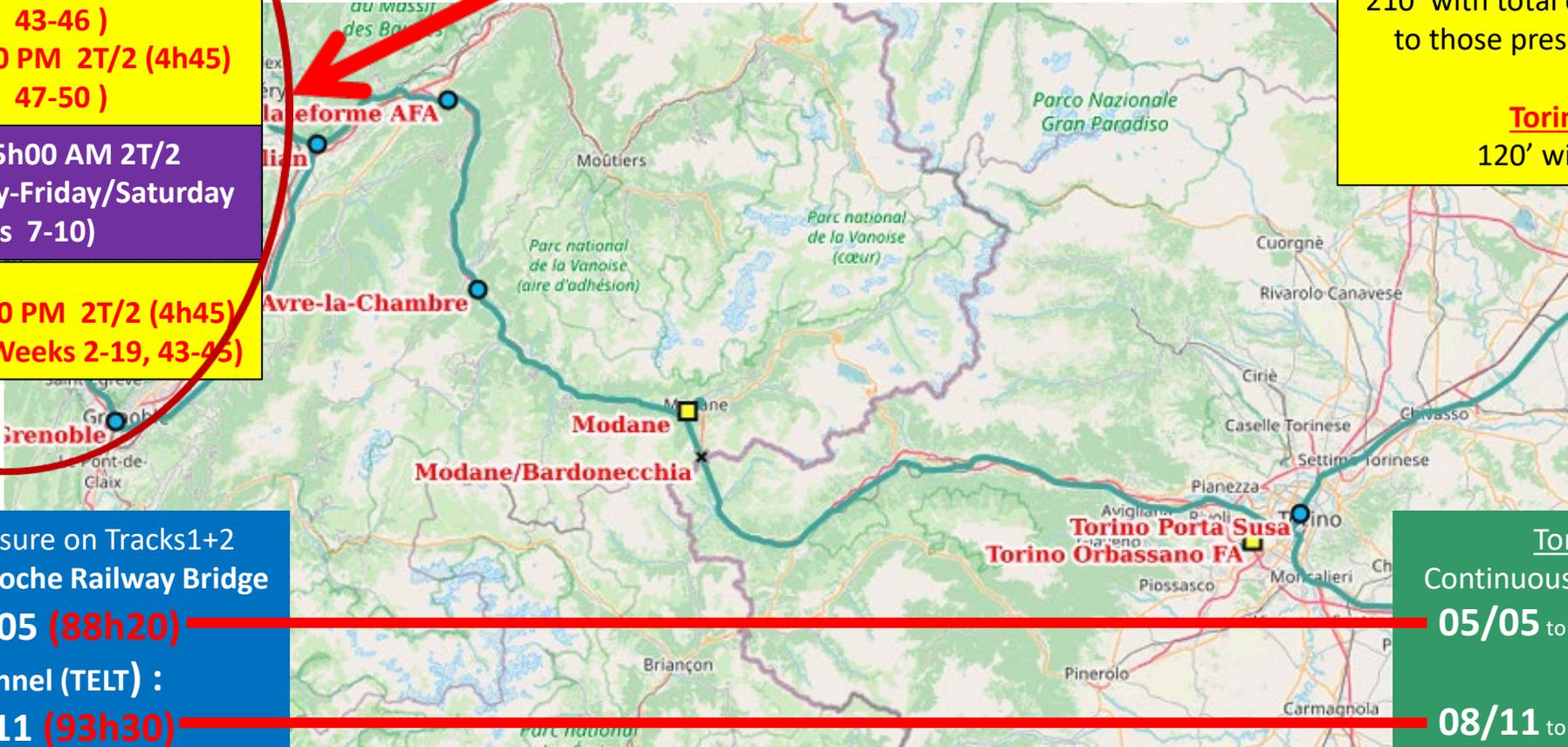
11h00 PM-05h00 AM 2T/2
Monday/Tuesday-Friday/Saturday
(Weeks 7-10)

Lyon-Torino Tunnel (TELT) :

- 11h05 AM-03h50 PM 2T/2 (4h45)
- Monday-Friday (Weeks 2-19, 43-45)

NIGHT
Torino – Modane
210' with total closure (probably similar to those present in TT22 and TT23)

DAY
Torino – Modane
120' with total closure



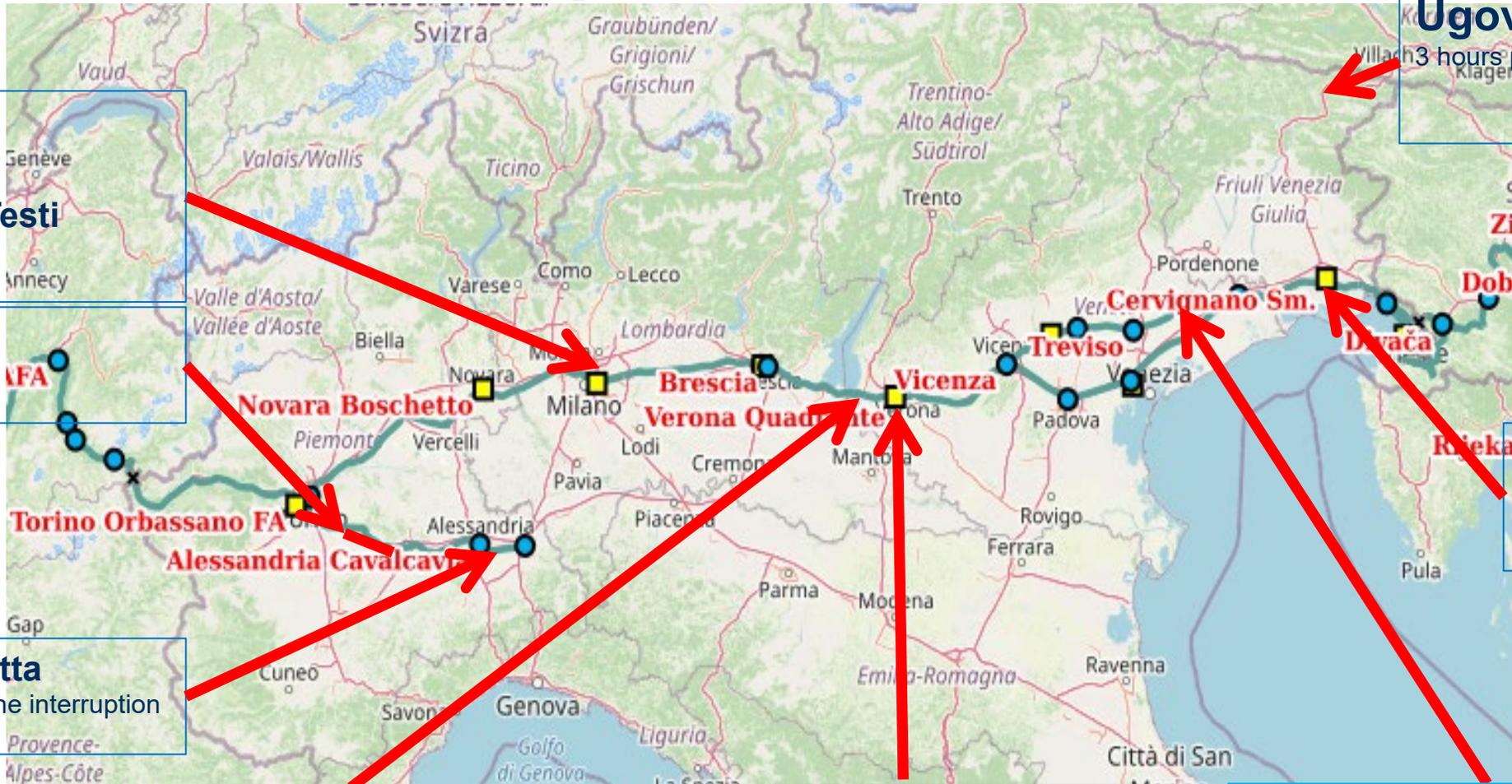
Continuous closure on Tracks1+2
Torrent de La Roche Railway Bridge
08/05 to 12/05 (88h20)

Lyon-Torino Tunnel (TELT) :
08/11 to 12/11 (93h30)

Torino - Modane
Continuous closure on Tracks1+2
05/05 to 19/05 (360h00)

08/11 to 12/11 (96h00)

6. Main TCRs Update Italy planned 2023



Milano
Linea Cintura
Bridge viale F. Testi
 6 x 56 hours
 Between January to July

Trofalo - Asti
 10 days total closure
 Between August to Dec.

Tortona - Spinetta
 45 days and 10 WE line interruption
 Between Dec. to June 24

Brescia - Verona
 80 days interruption of precedence track of Sommacampagna
 April

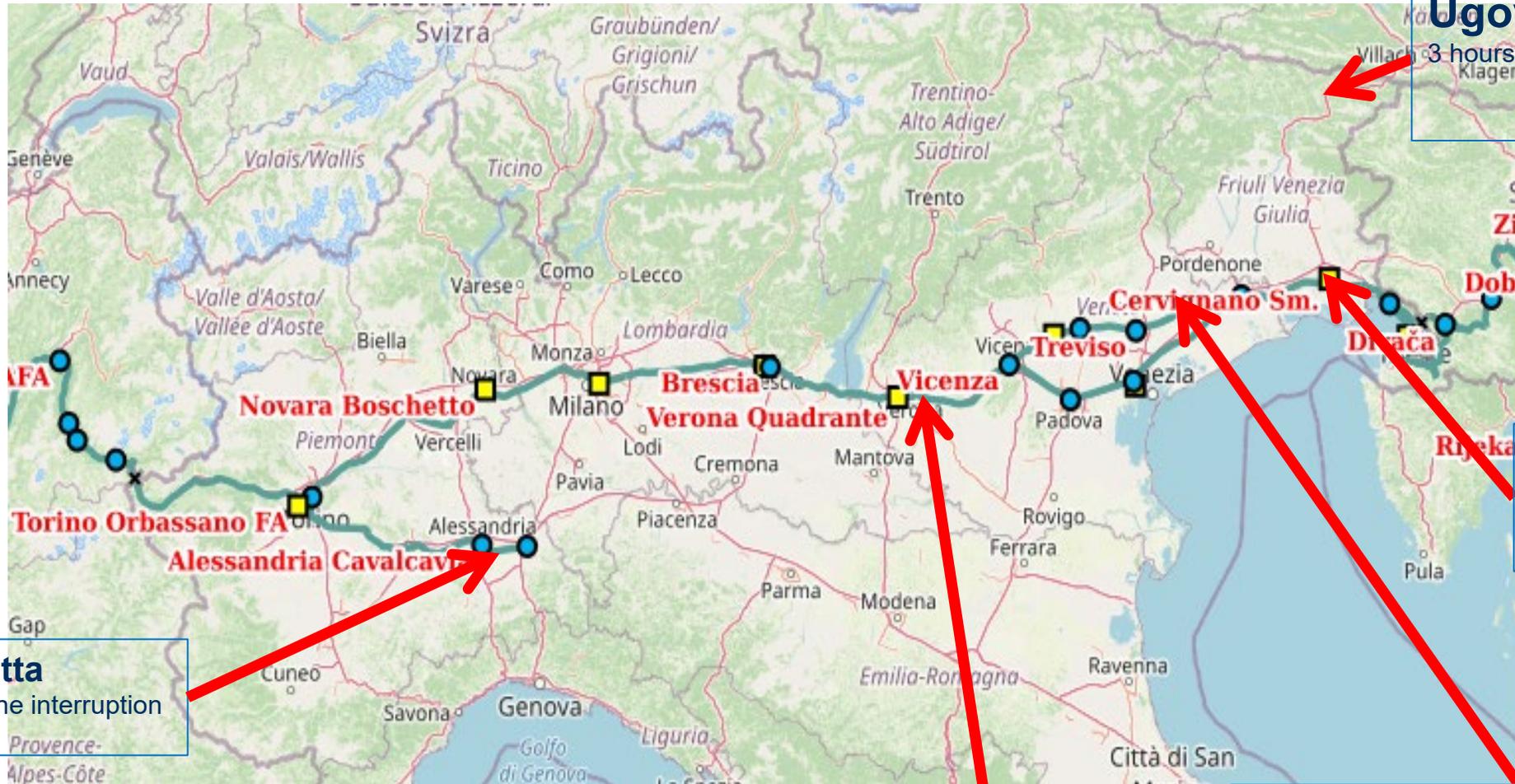
Verona Quadrante
 Interruption for a part
 Between 06/08 to 23/08

Torviscosa – Cervignano
 90 days closure of 1 track and reduce Ton C3
 Between Sept. To Dec.

Ugovizza - Carnia
 3 hours per day during 80 days
 Not directly Medfrc
 from 18/06 to 06/08

Trieste node
 300 days of Interruption
 4 hours per night
 Between Dec. To Dec. 24

6. Main TCRs Update Italy planned 2024



Ugovizza - Carnia
 3 hours per day during 80 days
 Not directly Medfrc
 from 18/06 to 06/08

Trieste node
 300 days of Interruption
 4 hours per night
 Between Dec.23 to Dec.

Tortona - Spinetta
 45 days and 10 WE line interruption
 Between Dec. 23 to June

Verona - Vincenzo
 21 days of line interruption
 From 03/08 to 23/08

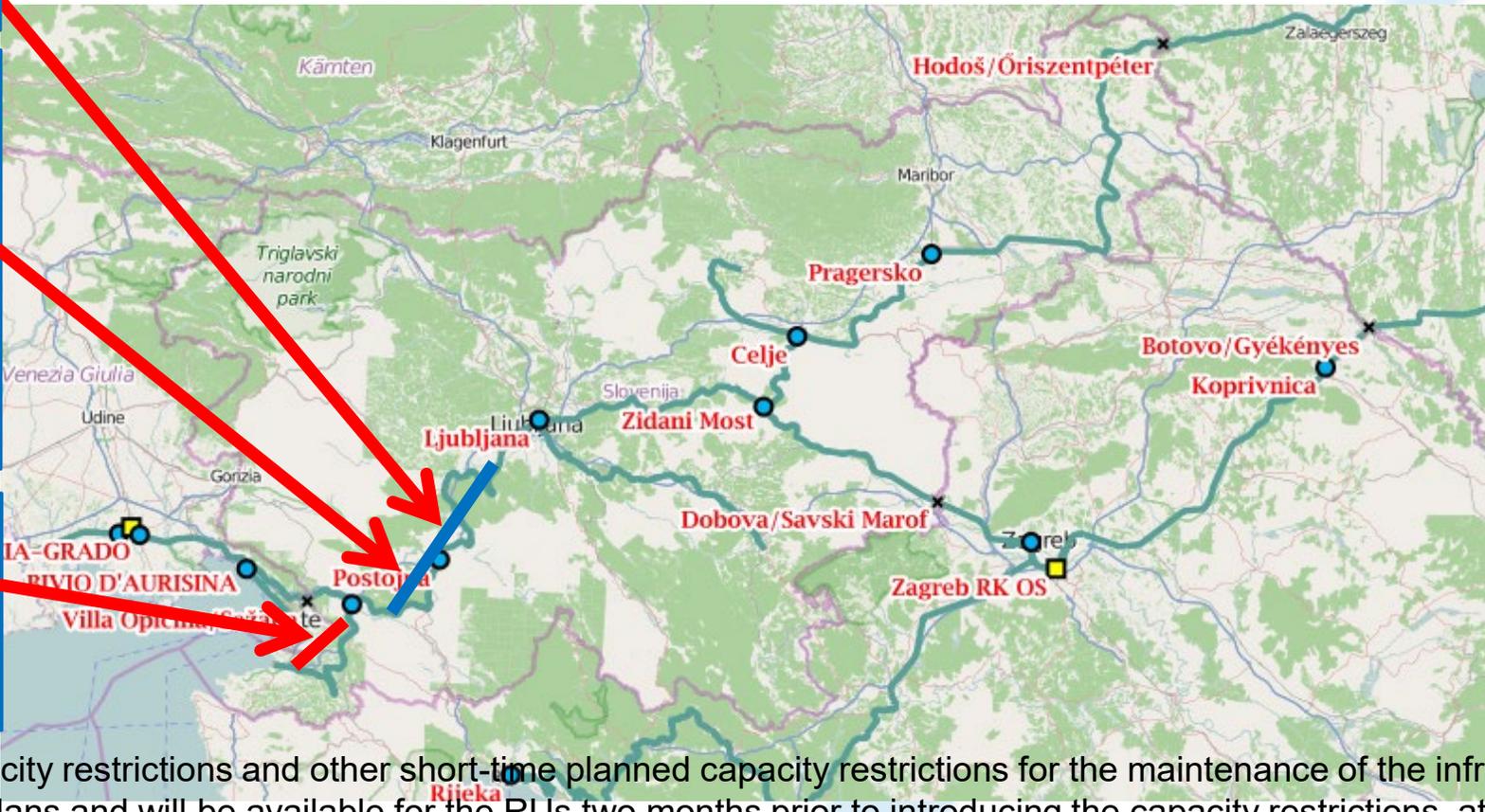
Torviscosa – Cervignano
 90 days closure of 1 track and reduce Ton C3
 Between March to May

6. Main TCRs Update Slovenia planned 2023

Brezovica-Borovnica
 Up grading line (reduce capacity)
 05/01 to 31/03 right track **Total closure**
 Left track speed limit 30 Km/h

Brezovica-Borovnica
 Up grading line (reduce capacity)
Total closure on an alternating track
 29/04 to 02/05
 06/05 to 09/05
 13/05 to 18/05
 20/05 to 25/05
 12/08 to 15/08
 26/08 to 30/08
 02/09 to 06/09
 16/09 to 20/09
 23/09 to 27/09

Divaca - Koper
 Construction line **Total closure**
 2 Monday per months (8h00 to 17h00)
 29/04 to 02/05
 12/08 to 15/08
 26/08 to 29/08



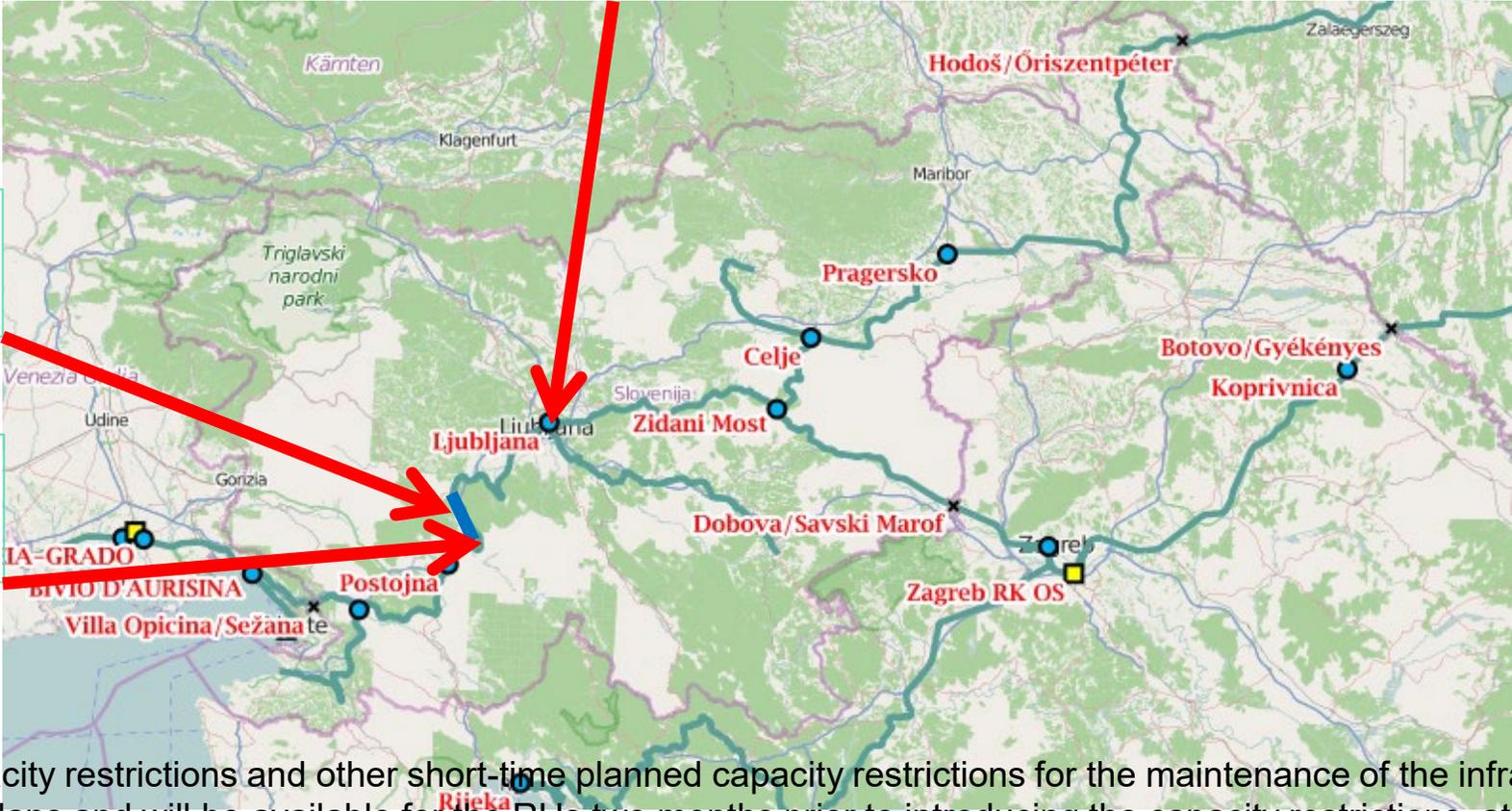
Exact dates of temporary capacity restrictions and other short-time planned capacity restrictions for the maintenance of the infrastructure will be published in monthly closure plans and will be available for the RUs two months prior to introducing the capacity restrictions, at the following website. www.slo-zeleznice.si/sl/infrastruktura/osebna-izkaznica/predpisi/operativni-predpisi-zaprevoznike/prirocniki-in-obvestila-za-prevoznike

6. Main TCRs Update Slovenia planned 2024

Ljubljana station
 Up grading (reduce capacity)
 01/01 to 31/12

Logatec-Rakek
 Up grading line (reduce capacity)
 01/01 to 01/05

Rakek station
 Up grading line (reduce capacity)
 01/01 to 31/12



Exact dates of temporary capacity restrictions and other short-time planned capacity restrictions for the maintenance of the infrastructure will be published in monthly closure plans and will be available for the RUs two months prior to introducing the capacity restrictions, at the following website: www.slo-zeleznice.si/sl/infrastruktura/osebna-izkaznica/predpisi/operativni-predpisi-zaprevoznike/prirocniki-in-obvestila-za-prevoznike.

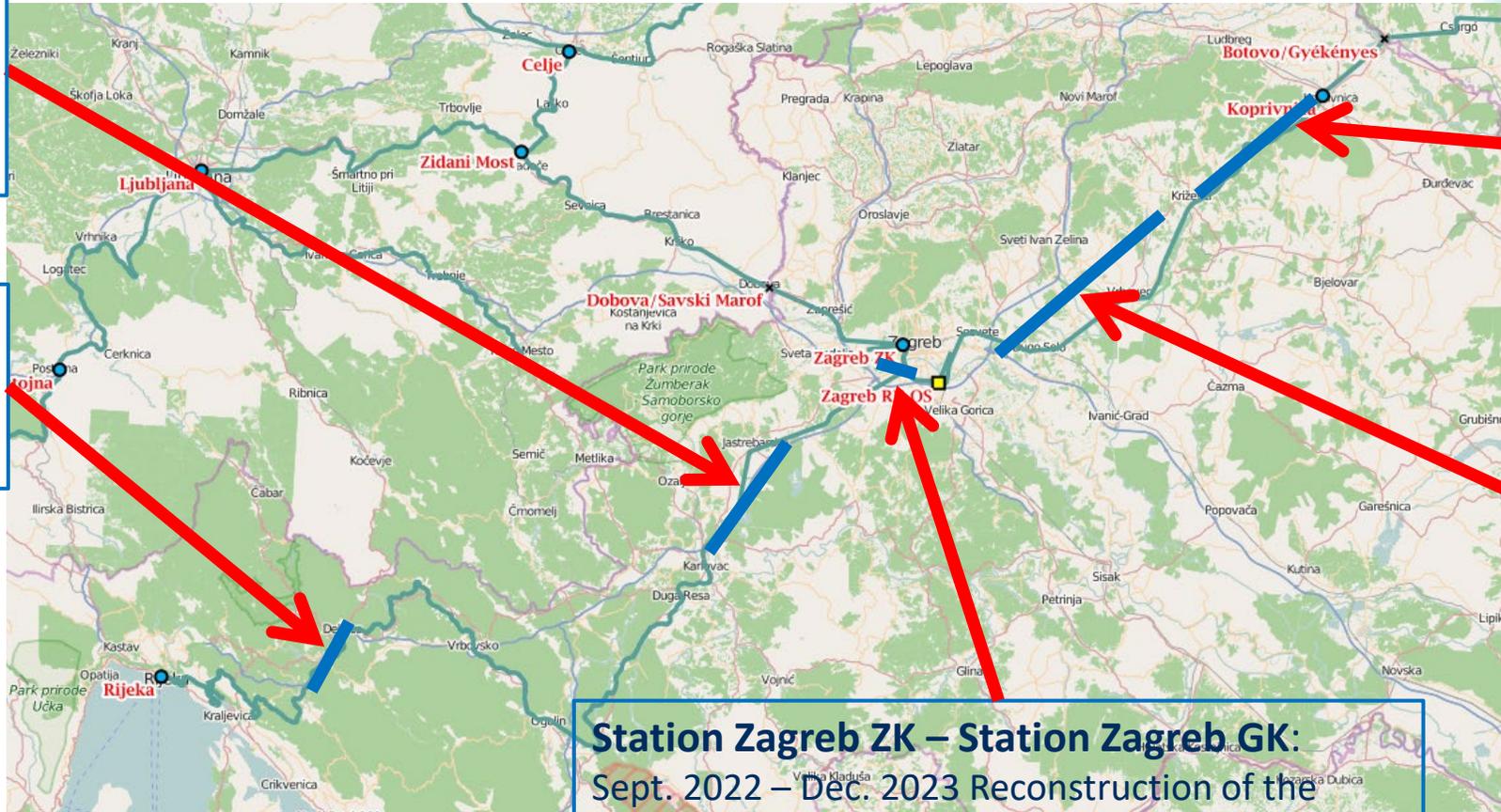
6. Main TCRs Update Croatia planned 2023 & beyond

Hrvatski Leskovac – Karlovac:

June 2022 – June 2025
Daily closure from 7 am to 4 pm and occasional 72 hours during the WE

Lokve – Fuzine:

June 2023 – Oct. 2023
Daily closure 6 h Monday to Friday



Koprivnica border – Krizevci:

June 2020 – Dec. 2023
Track renewal + second track construction
Daily closure from 6 am to 4 pm and occasional 72 hours during the WE

Dugo Selo – Krizevci:

Dec 2019 – Dec. 2023
track construction
Daily closure from 6 am to 4 pm and occasional 72 hours during the WE

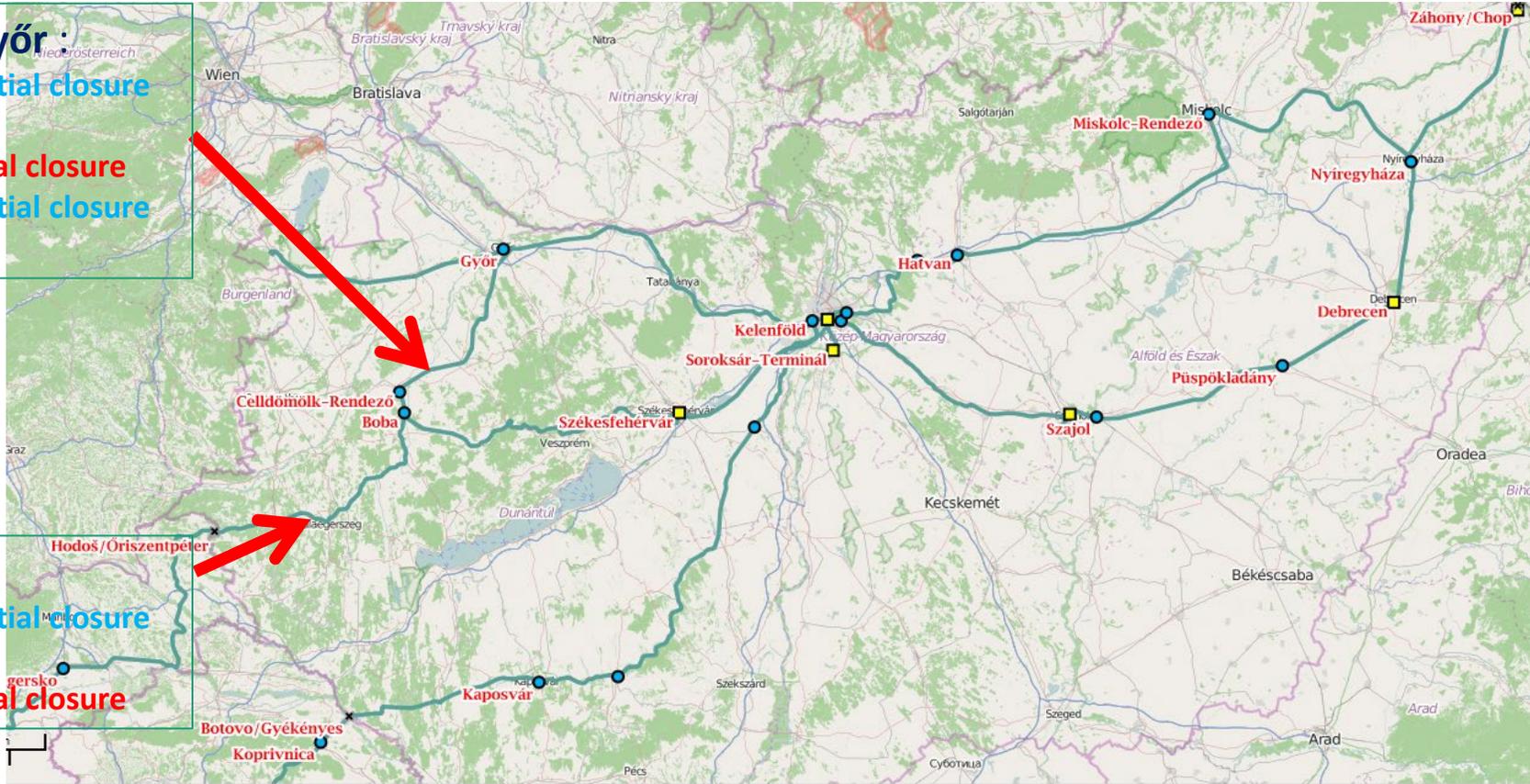
Station Zagreb ZK – Station Zagreb GK:

Sept. 2022 – Dec. 2023 Reconstruction of the tracks
Daily closure 6 to 8 h on one track per day, sometimes 72 h continuous

6. Main TCRs Update Hungary planned 2023

Celldömök- Győr :
27/02 to 01/03 **partial closure**
each day
25/09 to 06/10 **Total closure**
24/10 to 27/10 **partial closure**
each night

Hodos - Boba:
17/04 to 29/04 **partial closure**
each night
01/08 to 28/08 **Total closure**



7. International Contingency Management

- Simulation EAST > outcome 10 November 2022, next steps in 2023
 - IM only event to clarify all the rules/steps
 - Preparations 6 weeks
 - SZ-I initiating IM with a supposed incident (flood) between Zidani Most and Sevnica
 - SZ-I/HZI/MAV
 - Re-routing options with very limited free capacity (4 – 4 – 2 – 1 pair of trains/day)
 - Parking as a critical issue
 - NExBo Case study > capacity allocation rules as per ICM HB vs national priority rules
 - Follow up events > Evaluation report for simulations
- Next steps in 2023 > Simulation Q4 with RUs
- Preparations and coordination > some weeks
- Volunteering IMs are welcome!
- Interested RUs are also welcome!

8. Train Performance Management

➤ Linking of trains, Train linking IM/RU/RNE workshop Q1 2023

- Solutions
 - ▶ Automatic linking in TIS based on the same (ROTN), reference point and scheduled handover time
 - ▶ Linking based on the TCM (TAF TSI) message > based on the RUs' involvement
 - ▶ Automatic procedure with manual input: Linking region/OTN groups definition
 - ▶ Automatic procedure with manual input: Linking with Adjacent OTNs (linking of parity trains in specific locations)
 - ▶ Manual linking: For ad-hoc traffic > basically on the Eastern part, see Villa Opicina Task Force
 - ▶ Non-border related linking
- Nomination of representatives > IMs and RUs
- A workshop with RNE > a comprehensive event to clarify all the options/preconditions
- Room for IM/RU cooperation > How to help each other?
- Follow up events

9. Wrap-up of the meeting and main conclusions

10.AOB