



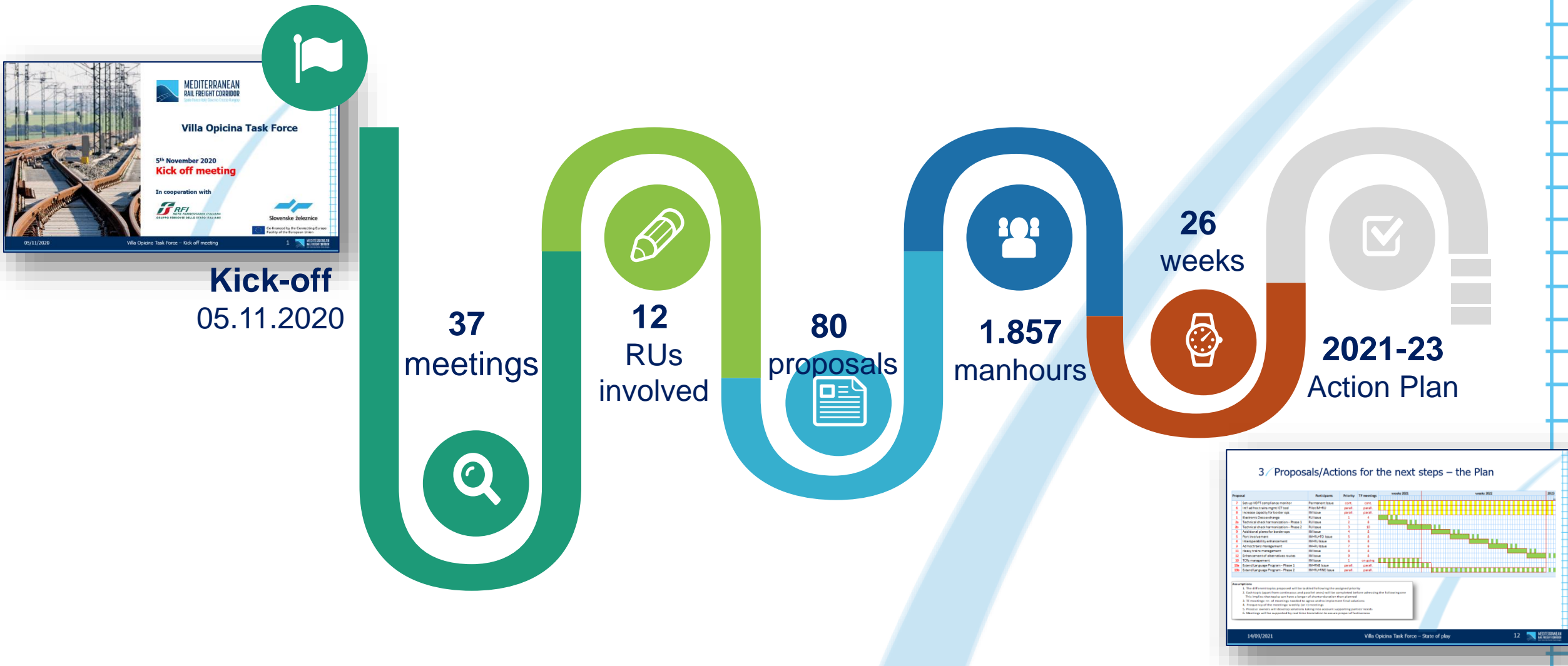
# Villa Opicina Task Force state of play

September 2021



Co-financed by the Connecting Europe  
Facility of the European Union

# 1 Villa Opicina Task Force: a long route from the kick-off...



# 1 Villa Opicina Task Force – Phase 1

## VOPT project at 31.08.2021:

Number of total meetings:	37
Number of meetings with individual RU:	12
Total number of weeks	26

Total workload	1.856,53 hours per meeting	
of which		
Organization and translation	155,48 hours	7,40 hours
Med RFC	689,12 hours	18,62 hours
RFI	605,77 hours	16,37 hours
SZ-I	295,95 hours	8,00 hours
RUs	110,22 hours	7,87 hours

## VOPT project 01.01-31.08.2021:

Number of total meetings:	31
Number of meetings with individual RU:	12
Total number of weeks	20

Total workload	1.504,75 hours per meeting	
of which		
Organization and translation	130,78 hours	7,27 hours
Med RFC	558,08 hours	18,00 hours
RFI	467,82 hours	15,09 hours
SZ-I	237,85 hours	7,67 hours
RUs	110,22 hours	7,87 hours

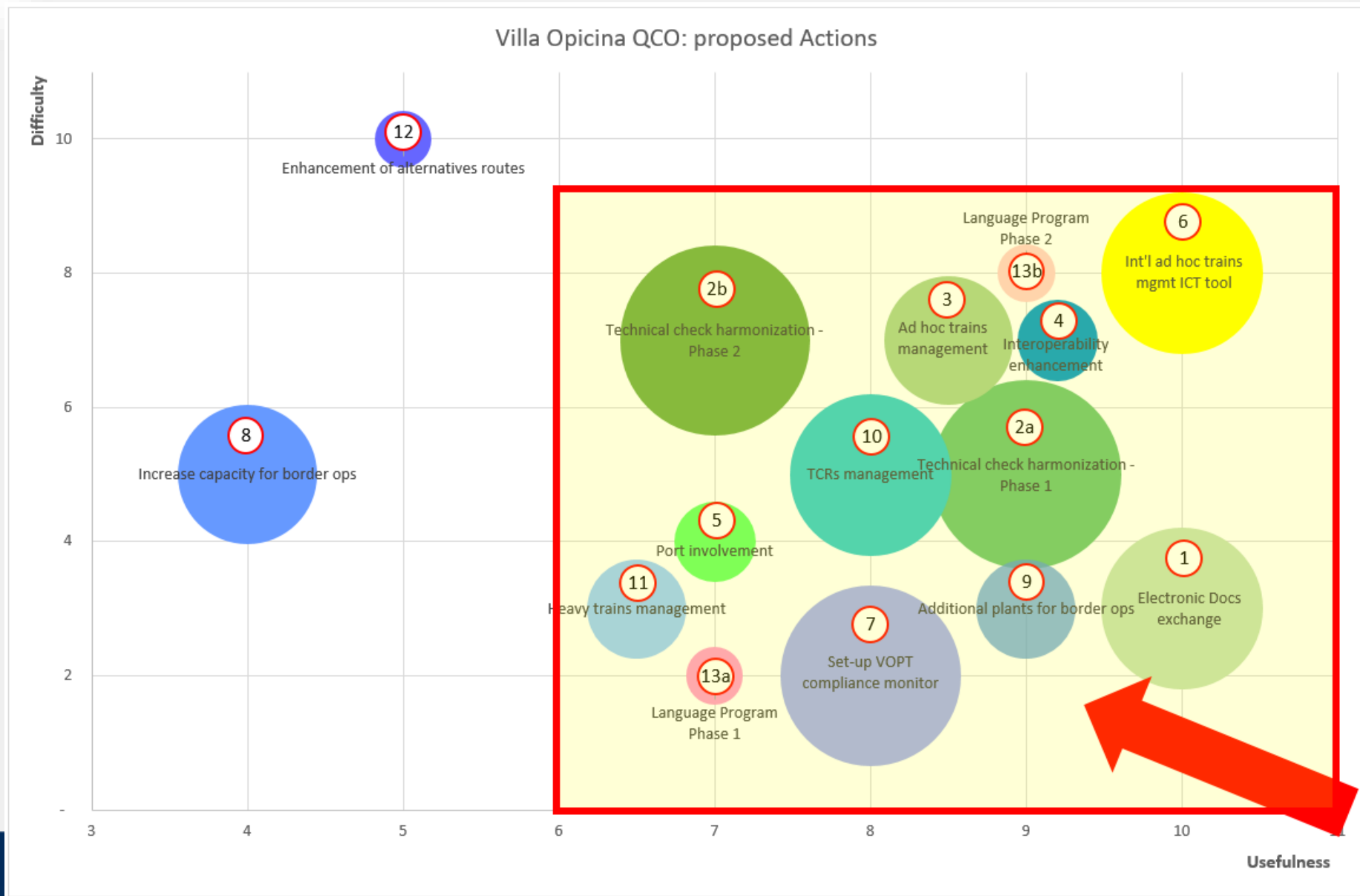
Project Year	VOPT (All)						
Hours Meeting	Date	Company Host	Med RFC	RFI	SZ-I	RU	Total
01	05/11/2020		17,45	16,78	3,72		37,95
02	16/11/2020		26,92	30,82	15,57		73,30
03	30/11/2020		22,57	19,35	10,62		52,53
04	07/12/2020	8,23	21,37	23,67	9,40		62,67
05	15/12/2020	8,23	21,37	23,67	9,40		62,67
06	22/12/2020	8,23	21,37	23,67	9,40		62,67
07	05/01/2021	8,23	21,37	23,67	9,40		62,67
08	13/01/2021		5,37	4,30	1,17		10,83
09	14/01/2021	8,23	21,37	23,67	9,40		62,67
01 - RU	09/03/2021		22,50	18,50	7,50	4,50	53,00
02 - RU	09/03/2021		14,50	10,50	7,50	1,50	34,00
03 - RU	09/03/2021		14,50	10,50	7,50	6,00	38,50
04 - RU	10/03/2021		14,47	7,67	5,75	3,75	31,63
05 - RU	10/03/2021		14,38	7,33	5,75	5,30	32,77
06 - RU	10/03/2021		13,10	10,47	4,07	1,48	29,12
07 - RU	15/03/2021		16,00	10,50	9,00	3,00	38,50
08 - RU	15/03/2021		16,00	10,50	6,00	3,00	35,50
09 - RU	15/03/2021		14,50	8,50	4,07	8,35	35,42
10 - RU	23/03/2021		13,00	12,00	9,00	3,00	37,00
11 - RU	23/03/2021		16,00	10,50	9,00	7,50	43,00
12 - RU	23/03/2021		13,00	9,00	4,50	1,50	28,00
10	27/01/2021	6,60	20,67	16,07	4,02		47,35
11	03/02/2021	5,92	19,32	11,67	11,60		48,50
12	11/02/2021	6,73	20,67	20,72	12,17		60,28
13	18/02/2021	6,33	19,53	14,52	9,22		49,60
14	24/02/2021	5,20	17,27	11,45	3,68		37,60
15	03/03/2021	5,92	19,28	13,57	9,47		48,23
16	25/03/2021	7,17	19,60	21,18	10,10		58,05
17	19/04/2021	6,65	19,93	24,58	6,35		57,52
18	03/05/2021	7,60	20,20	28,17	8,60		64,57
19	12/05/2021	7,37	22,58	19,32	11,55		60,82
20	18/05/2021	7,40	19,80	23,70	12,10		63,00
21	26/05/2021	7,37	21,60	21,62	5,70		56,28
22	08/06/2021	13,90	27,90	31,20	20,17	38,97	132,13
23	24/06/2021	6,32	20,62	10,60	5,88		43,42
24	09/07/2021	5,35	18,25	13,10	2,13		38,83
25	27/07/2021	8,50	20,82	8,77	5,52	22,37	65,97
Total			155,48	689,12	605,77	295,95	110,22
Avg per meeting			7,40	18,62	16,37	8,00	7,87
							50,18

## 2 From Issues to Proposals

Issue		Relevance		Proposal	Relevance
<b>1 RU Technical check &amp; maintenance</b>					
1.1	Harmonize railcars tech check (ATTI/GCU)	11	1	2a Technical check harmonization WG 1	11
1.2	Maintenance of locos & railcars	4	2	2b Technical check harmonization WG 2	11
1.3	Shunting operations	4	3		
1.4	Extension of RUs' time for tech ops	3	4		
<b>2 Electronic Docs exchange</b>		8	5	1 Electronic Docs exchange WG	8
<b>3 Improve oper coordination (BPS or similar)</b>		8	6	6 Int'l ad hoc trains mgmt ICT tool	8
<b>4 TCRs management</b>		8	7	10 TCRs management	8
<b>5 Increase capacity for border ops</b>					
5.1	Extension of opening times	3	8	8 Increase capacity for border ops	6
5.2	Additional tracks for border ops	2	10		
5.3	Increase available track lenght	1	11		
5.4	Additional plants for border ops	3	9	9 Additional plants for border ops	3
<b>6 Enhance planning/management of trains</b>					
6.1	Ad hoc trains management (Cereals)	5	12	3 Ad hoc trains management WG	5
6.2	Heavy trains management	3	14	11 Heavy trains management	3
6.3	Port involvement enhanced	2	15	5 Port involvement WG	2
6.4	Re-balance of the flows	3	13	7 Set-up VOPT compliance monitor	10
6.5	Re-routed trains management	2	16		
6.6	Review emergency procs	4	17		
6.7	Harmonize regulatory procs	1	19		
<b>7 Other</b>					
7.1	Enhance Interoperability	2	18	4 Interoperability enhancement WG	2
7.2	Electrify Sežana-Nova Gorica line	1	20	12 Enhancement of alternatives routes	1
7.3	Improve communication among the parties	0		13 Extend Language Program to IT-SI	0
<b>Total</b>		<b>78</b>		<b>Total</b>	<b>78</b>



## 2 / Proposals/Actions for the next steps – CBA analysis



## 2/ Proposals/Actions for the next steps – CBA analysis

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

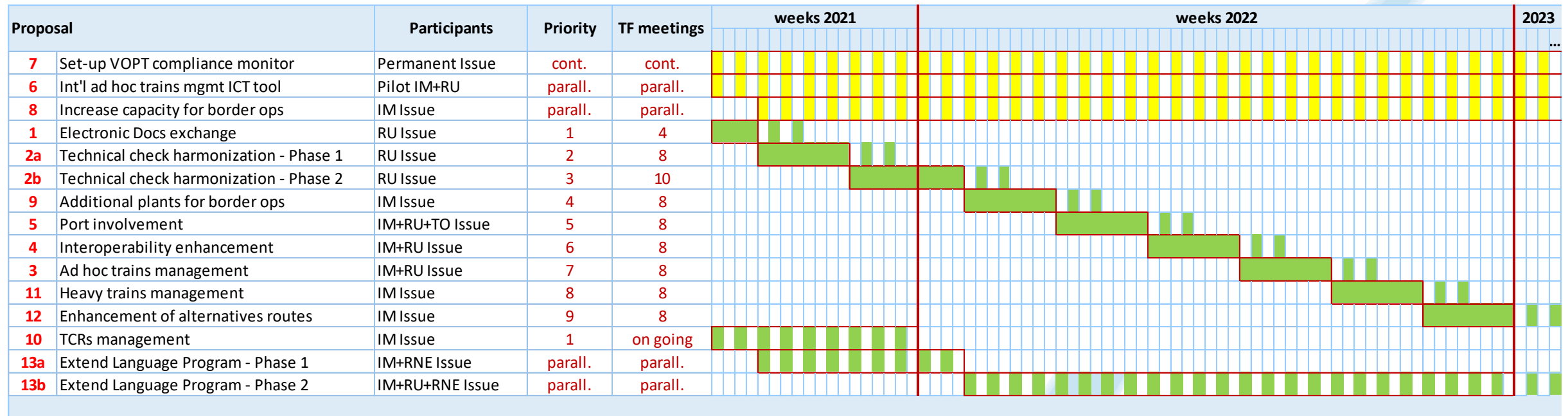
**Relevance** Frequency of the issue in RUs feed-back

**Difficulty** 0 minimum difficulty to be implemented  
10 maximum difficulty to be implemented

**Usefulness** 0 minimum benefit expected from implementation  
10 maximum benefit expected from implementation

✓ process owner  
✓ support role

### 3 / Proposals/Actions for the next steps – the Plan



#### Assumptions

1. The different topics proposed will be tackled following the assigned priority
2. Each topic (apart from continuous and parallel ones) will be completed before addressing the following one  
This implies that topics can have a longer or shorter duration than planned
3. TF meetings: nr. of meetings needed to agree and to implement final solutions
4. Frequency of the meetings: weekly (or >) meetings
5. Process' owners will develop solutions taking into account supporting parties' needs
6. Meetings will be supported by real time translation to assure proper effectiveness

### 3 / Proposals/Actions for the next steps – Detail 1

Issue	Participants	Proposal	Goals
1 Electronic Docs exchange	1 RU Issue	Electronic Docs exchange	Promote the preventive exchange of documents by favoring the electronic exchange
2 RU Technical check harmonization	2a RU Issue	Technical check harmonization - Phase 1	Application of the ATTI agreement by all RUs and extension to all transports (adoption of visits in confidence and precise definition of responsibility in case of damages found on wagons)
	2b RU Issue	Technical check harmonization - Phase 2	Verify feasibility of using alternative plants for maintenance Verify how to manage relevant shunting operations Best practices sharing and verification of the timing
3 Enhance Interoperability	4 IM+RU Issue	Interoperability enhancement	Promotion of greater use of interoperable vehicles
4 Improve oper coordination among RUs/IMs	7 Permanent Issue	Set-up VOPT compliance monitor	Improve VOPT agreement compliance Sharing with IF partner of any critical issues affecting transport
	6 Pilot IM+RU	Int'l ad hoc trains mgmt ICT tool	Share Int'l shipment information among all the stakeholders Develop a common tool for Int'l train, compliant with TIS and linking national trains
5 Enhance planning/management of ad hoc trains	3 IM+RU Issue	Ad hoc trains management	Enhance planning and management of ad hoc trains (mainly cereals) in an Int'l Origin / Destination view, starting from the outcomes of issue 3 Enhance Traffic monitoring; in case of delay, sharing between RU partners for the rescheduling of transport in agreement with the IM Assure compliance with the consolidated circulation program the previous day (timetable and contents) Planning optimisation based on the actual resources of the RU, in particular for extraordinary trains Evaluate the set-up of an international path catalog based on the available slots Re-balance of the flows; timetable harmonization (in the planning phase) to favor the balancing of loaded / empty transports



### 3 / Proposals/Actions for the next steps – Detail 2

Issue		Participants	Proposal	Goals
6	Increase capacity for border ops	8 IM Issue	Increase capacity for border ops	Evaluation of extension of the attendance of the VOPT, with a shift in second The new PRG of the plant with expected start of work in 2022 (3 trunks already activated for locomotives parking)
		9 IM Issue	Additional plants for border ops	Verify feasibility of using alternative plants for border operations
7	TCRs management	10 IM Issue	TCRs management	Inclusion in the technical scenario of all Capacity Restrictions involving the lines included in the International Corridors Exchange of information on Planned Capacity Restrictions (IPO) between the planning structures of the IMs in compliance with the timing of communication to the Rus
		11 IM Issue	Heavy trains management	Evaluate harmonisation and simplification of the rules
8	Other issues	5 IM+RU+TO Issue	Port involvement	Set-up of a dedicated WG
		12 IM Issue	Enhancement of alternatives routes	Identification and possible enhancement of alternative routes. Completion of RUs safety certification in nodes and for alternative lines.
		13a IM+RNE Issue	Extend Language Programme to IT-SI Phase 1	Extension of Language Program to IT-SI communication between R-TCCs
		13b IM+RU+RNE Issue	Extend Language Programme to IT-SI Phase 2	Extension of Language Program to IT-SI communication between R-TCCs and Loco drivers





### 3/ Proposals/Actions for the next steps – Summary

Id	Participants	Topic	Goals
1	RU Issue	Electronic Docs exchange	Promote the preventive exchange of documents by favoring the electronic exchange
2a	RU Issue	Technical check harmonization - Phase 1	Application of the ATTI agreement by all RUs and extension to all transports (adoption of visits in confidence and precise definition of responsibility in case of damages found on
2b	RU Issue	Technical check harmonization - Phase 2	Management of Maintenance activities related to Technical check
3	IM+RU Issue	Ad hoc trains management	Enhance planning and management of ad hoc trains (mainly cereals) in an Int'l Origin / Destination view, starting from the outcomes of Pilot 6
4	IM+RU Issue	Interoperability enhancement	Support greater use of interoperable vehicles
5	IM+RU+TO Issue	Port involvement	Enhance Ports' involvement in traffic planning/management
6	Pilot IM+RU	Int'l ad hoc trains mgmt ICT tool	Develop a common tool for Int'l train, compliant with TIS and linking national trains
7	Permanent Issue	Set-up VOPT compliance monitor	Monitor and improve VOPT agreement compliance
8	IM Issue	Increase capacity for border ops	Increase capacity in Villa Opicina for border operations (tracks, personnel, etc)
9	IM Issue	Additional plants for border ops	Verify feasibility of using alternative plants for border operations
10	IM Issue	TCRs management	Exchange of information on Planned Capacity Restrictions (IPO) between the planning structures of the IMs and communication to other stakeholders
11	IM Issue	Heavy trains management	Evaluate harmonisation and simplification of the rules
12	IM Issue	Enhancement of alternatives routes	Identification and possible enhancement of alternative routes. Completion of RUs safety certification in nodes and for alternative lines.
13a	IM+RNE Issue	Extend Language Program to IT-SI - Phase 1	Extension of Language Program to IT-SI communication between R-TCCs
13b	IM+RU+RNE Issue	Extend Language Program to IT-SI - Phase 2	Extension of Language Program to IT-SI communication between R-TCCs and Loco drivers

# 4 VOPT Task Force – Project Charter




## Next Steps

1. Parties confirm their interest to each Action within 31<sup>st</sup> August
2. Interested Parties nominate their representatives for each action within 31<sup>st</sup> August
3. Kick-off meeting for each action will define methodology to be followed and will appoint the Chairperson within the process owners in charge of the Action
4. At end of each action the Chairperson will present the conclusions and the deliverables of the action to the Plenary of the Task Force

Project Charter		Streamline Villa Opicina Cross Border connection	
  			
<b>Project Name:</b>		<b>Streamline Villa Opicina Cross Border connection</b>	
<b>Project Area:</b>		Streamline Med RFC Cross Border connections	
<b>Involved partners:</b>		Med RFC, RFI, SZ-I, RUs, Ports	
<b>Support partners:</b>		RNE, RFC Network	
<b>Project team:</b>		Nominated representatives of the partners, depending on the issue tackled	
<b>Steering Committee:</b>		Med RFC, RFI, SZ-I, 1 spoke-person for involved RUs, 1 spoke-person for involved Ports	
<b>Meetings:</b>		Bi-monthly Steering Committee meetings; weekly (or >) meetings for Project team Translator support for each Project team meeting.	
<b>Problems/issues:</b>		<p>Villa Opicina/Sežana cross border section has been identified as an area for improvement and action. Main aspects:</p> <ul style="list-style-type: none"><li>• Huge number of <i>ad hoc</i> trains and characterised by seasonal traffic</li><li>• Traffic management and communication problems experienced on both side of the border</li><li>• Increasing dwelling time and poor punctuality performance</li><li>• Karawanken tunnel TCR lead to an increase of 30% of the traffic flows and to strong performance worsening</li><li>• Railway undertakings request for intervention</li><li>• Other TCRs planned in Slovenia in 2021-2022</li></ul> <p>Problems have been identified after a comprehensive analysis with the stakeholders from 05.11.2020 to 09.07.2020 and one-to-one consultations (between 03.03.2021-23.03.2021) with each RU (12) performing traffic at the border.</p>	
<b>Process:</b>		Establishment of a permanent Task Force dealing with a list of topics which is the result of the consultation of all the interested parties and actors involved in the border crossing. For each topic a specific Project Team will be nominated by process owners and its activity will last up to the expected solution is achieved, then the next one will start in the priority order assigned. Some activities will have a continuous development in parallel. Steering Committee will monitor the proper development of planned activities	
<b>Mission:</b>		Encourage and make possible operations as a seamless flow across the border crossing unless according to the RU/customer organization, technical stops are needed. To achieve this goal, harmonized procedures and proper tools will be developed.	
<b>Benefits</b>		<ul style="list-style-type: none"><li>➤ Tailor-made analysis and <i>ad hoc</i> solutions for the specific traffic patterns HU-IT (SI-HR), seasonal traffic and <i>ad hoc</i> trains</li><li>➤ Improved coordination, planning and communication between border IMs</li><li>➤ Streamlined and more efficient doc exchange and border activities among RUs</li><li>➤ Develop a common tool for Int'l train mgmt, compliant with TIS and linking national trains</li><li>➤ Develop and apply the RNE language program and tool</li><li>➤ Enhanced interoperability and increased capacity</li></ul>	
		<b>Key Performance Indicators</b> Measuring the impact  <ul style="list-style-type: none"><li>1. Measure compliance with existing procedures</li><li>2. Monitor punctuality at the border crossing (final goal: increased punctuality)</li><li>3. Monitor dwelling time at the border (reduce)</li><li>4. Increase the capacity and flows at Villa Opicina</li></ul>	
<b>Risks and Opportunities</b>		<ul style="list-style-type: none"><li>➤ Resource availability within all the involved and support partners</li><li>➤ Ensure coordination and consistency with other similar projects at RFC Med and RFCs level</li><li>➤ Involve in the process also the other IMs (MAV, HZI) of Med RFC, not directly touched</li><li>➤ Apply to CEF 2021-27 funding for the project development</li></ul>	

# 4 VOPT Task Force – Deliverables

Project Charter



List of Topics:				
Id	Activity/Topic	Participants	frequency	Deliverable
7	Set-up VOPT compliance monitor	Permanent Issue	cont.	KPIs monitoring
6	Int'l ad hoc trains mgmt ICT tool	Pilot IM+RU	parall.	Development of a common tool for ad hoc Int'l train management, compliant with TIS and linking national trains + application and usage of the tool
8	Increase capacity for border ops	IM Issue	parall.	Set-up and completion of planned capacity extensions in border plants
1	Electronic Docs exchange	RU Issue	4	Set-up of common procedures based on best practices and application
2a	Technical check harmonization - Phase 1	RU Issue	8	Set-up of common procedures and application (Application of the ATTI agreement by all RUs and extension to all transports)
2b	Technical check harmonization - Phase 2	RU Issue	10	Set-up of common solutions and application
9	Additional plants for border ops	IM Issue	8	Feasibility study and set-up of the relevant solutions
5	Port involvement	IM+RU+TO Issue	8	Set-up of common procedures and tools
4	Interoperability enhancement	IM+RU Issue	8	Promotion of greater use of interoperable vehicles
3	Ad hoc trains management	IM+RU Issue	8	KPIs + Enhance planning, traffic management, new solution for this specific product
11	Heavy trains management	IM Issue	8	Harmonization and simplification of procedures
12	Enhancement of alternatives routes	IM Issue	8	Identification of possible enhancement of alternative routes. Completion of RUs safety certificate in nodes and for alternative lines
10	TCRs management	IM Issue	on going	Increased cooperation and info exchange - Procedure and timeline definition
13a	Extend Language Program - Phase 1	IM+RNE Issue	parall.	Extension of Language Program to IT-SI communication between R-TCCs + pilot + application
13b	Extend Language Program - Phase 2	IM+RU+RNE Issue	parall.	Extension of Language Program to IT-SI communication between R-TCCs and Loco drivers + pilot + application

# 5 / Streamline Med RFC Cross-Border connections project

## Project Team

Med RFC PMO, Med RFC IMs (depending on project sub-project), Med RFC RUs (depending on project sub-project), Med RFC selected Ports/Terminals, RNE (for ICT application)

## Project goals

1. Reduce dwelling times at cross-borders locations along Med RFC (by harmonising rules and operations, in an End2End perspective and removing existing bottlenecks)
2. Enhance Med RFC performance and overall capacity (by increasing avg train speed and harmonizing connections with Terminals)
3. Improve interoperability and service reliability along Med RFC (by streamlining End2End flows and introducing effective monitoring tools for shipments)

## Sub-projects

## State of play

## Planned End

1. Villa Opicina Task Force	Started in 2020, first results achieved, Future Action Plan defined	2023
2. Modane QCO	Started in 2021, still in a preliminary phase	2023
3. Streamline Eastern Med RFC flows (enhance ad-hoc train management)	Start-up planned in 2022, ICT tools required	2024
4. Streamline Western Med RFC flows (LFP tunnel + Port Bou)	Start-up planned in 2022 – 2 <sup>nd</sup> half	2024



# 5 Streamline Med RFC Cross-Border connections project - Timeline

