



# 7th Railway Working Group Meeting

22–23 May 2023 • Tbilisi, Georgia

# 7-е заседание Рабочей группы по железнодорожному транспорту

22–23 мая 2023 года • Тбилиси, Грузия



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# Selection of TA Prefeasibility and Knowledge Support

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TA Team Leader



# Prefeasibility studies



# Recap: PFS eligibility and selection criteria

## Eligibility

- Focus on CAREC corridors
- Improve competitiveness
- Strategic importance for CAREC rail dev.
- Investment cost  $\geq$ \$50m
- Expect adequate traffic, EIRR, FIRR
- Limited social and environment impacts
- Addresses commercialization and reform issues

## Selection

- Adequate initial proposal
- Strategic importance in 2+ MCs
- Strength of business and economic case
- Extent of addressing commercialization and reform issues

# Recap: PFS project screening and selection (1/3)

No.	Proposed project	Adequate proposal	Strategic for 2+ MCs	Business/economic case	Commercializ. & reform	Screen using model	PFS shortlist
1	AFG: Mazar–Herat Railway Project	X	X			X	
2	AFG: Jalalabad–Kabul Railway Project	X	X			X	
3	AFG: Kandahar–Spin Boldak Railway	X	X			X	
4	AFG: Upgrading dry ports at Nimroz, Aqina and Nayeb Abad	X	X				
5	AFG: O&M equipment for four railway stations	X					
6	AZE: Facilities for rolling stock maintenance	X			X		
7	AZE: Corporate Training Center	X					
8	<b>PRC: Transloading hub, Urumqi</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
9	GEO: Contrailer prefeasibility study, TCC	X					
10	<b>KAZ: Investment program to address capacity bottlenecks</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
11	<b>KAZ: Locomotive financing</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
12	<b>KGZ/PRC/UZB: PRC–Kyrgyz Republic–Uzbekistan Railway</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
13	KGZ: North–South Railway	X				X	
14	KGZ: Electrification of Lugovaya–Balykchi	X				X	
15	<b>KGZ: Multimodal terminal, Balykchi</b>	<b>X</b>		<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>





## Recap: PFS project screening and selection (3/3)

No.	Project	Adequate proposal	Strategic for 2+ MCs	Business/economic case	Commercializ. & reform	Screen using model	PFS shortlist
32	TAJ: Electrification of railway section Bekabad station – Istiklol (Kanibadam) station and procurement of locomotives		X			X	
33	TAJ: Electrification of railway section Pakhtaobod station – Dushanbe 1 station and procurement of locomotives		X			X	
34	TAJ: Electrification of railway section Khoshadi station (Uzbek border, Amuzang) – Khatlon station – Kulyab station and procurement of locomotives		X			X	
35	TAJ: Renewal of railways' rolling stock					X	
36	TAJ: Construction of fiber optic communication line and rehabilitation of ROT's existing telecommunications					X	
37	TAJ: Construction of a 6-10 kV electricity transmission line from Khatlon station to Kulyab station.					X	



# Updated priority list of projects to receive PFS support

No.	Proposed project in priority order	Priority
<b>12</b>	<b>KGZ/PRC/UZB: PRC–Kyrgyz Republic–Uzbekistan Railway</b>	<b>1</b>
<b>31</b>	<b>UZB/TKM: Uzbekistan–Turkmenbashi block train services</b>	<b>1</b>
<b>30</b>	<b>UZB/KAZ/TAJ: Northwestern International Freight Corridor</b>	<b>1</b>
10	KAZ: Investment program to address capacity bottlenecks	2
20	MON: Tavan Tolgoi-Gashuun Sukhait Railway	2
8	PRC: Transloading hub, Urumqi	3
11	KAZ: Locomotive financing	3
15	KGZ: Multimodal terminal, Balykchi	3





**Opportunity for RWG members to suggest any further  
prefeasibility study projects**



# Knowledge support and capacity development projects



# Recap: Eligibility and selection criteria for knowledge and capacity development support

## Eligibility

- Focus on CAREC corridors
- Addresses key performance issues
- Improve competitiveness
- Strategic importance for CAREC rail dev.
- Needs only limited input from well-chosen experts
- Relevance for many CAREC MCs

## Selection

- Adequate initial proposal
- Strategic importance in 2+ MCs
- Addresses commercialization & reform issues

# Recap: KCD project screening and selection (1/3)

No.	Proposed project	Adequate proposal	Strategic for 2+ MCs	Commercializ. & reform	Include in shortlist	Seek ideas to improve
1	<b>All MCs: CAREC rail containerization study</b>	X	X	X	X	
2	<b>All MCs: CAREC rolling stock needs and financing facility</b>	X	X	X	X	
3	All MCs: Exchange of railway traffic rights between CAREC MCs		X	X		X
4	<b>Most MCs: Best practices in establishing/operating railway sales &amp; marketing function</b>		X	X	X	
5	Most MCs: Accounting standards and systems for commercialization	X	X	X		X
6	Most MCs: Database and annual analysis to support railway regulator		X	X		X
7	Most MCs: Best practices in improving customer service orientation	X	X	X		X
8	<b>Most MCs: Railway capacity management ICT tools</b>	X	X		X	
9	Most MCs: Best practices in involving private sector in terminals & stations		X	X		X
10	<b>AZE/GEO/KAZ: Improving competitiveness of Trans-Caspian Internat. Transport Route (TITR)</b>	X	X	X	X	X
11	AZE: Use of KPIs to drive railway commercialization and reform	X		X		X
12	AZE: Container block-train operational practices	X		X		X
13	AZE: Logistics centers/intermodal terminals	X		X		X
14	AZE: "Fly on rail" (a Shift2Rail for CAREC countries)		X	X		X
15	AZE: Integrated rail logistics service			X		

## Recap: KCD project screening and selection (2/3)

No.	Proposed project	Adequate proposal	Strategic for 2+ MCs	Commercializ & reform	Include in shortlist	Seek ideas to improve
16	AZE: Methods of evaluating externalities					
17	AZE: Support for human resources department					
<b>18</b>	<b>PRC/MON/KAZ: Options for transloading capacity at CAREC borders</b>	<b>X</b>	<b>X</b>		<b>X</b>	
19	PRC/MON: Missing PRC port rail connections for CAREC corridors		X			X
20	GEO: Black Sea shipping study		X	X		
21	GEO: Logistics centers	X		X		X
22	GEO: Best practices in railway commercialization	X		X		X
23	KAZ: Long-term comprehensive program to develop transport and logistics sector in Kazakhstan	X		X		X
24	KAZ: Review of regulations for railway enterprises in Kazakhstan			X		X
<b>25</b>	<b>KGZ/TAJ: Commercialization, reform and investment program</b>	<b>X</b>		<b>X</b>	<b>X</b>	
26	MON/TAJ: Logistics capacity development			X		
27	MON: Update Transit Mongolia program					
28	MON: Locomotive simulator machine	X				
29	MON: Rail network simulation software	X				
30	PAK: Raising awareness about commercial orientation of railways	X		X		
31	UZB: Open data collection tools to track traffic/operational performance	X				X

## Recap: KCD project screening and selection (3/3)

No.	Proposed project	Adequate proposal	Strategic for 2+ MCs	Commercializ. & reform	Include in shortlist	Seek ideas to improve
32	Most MCs: Preparation and implementation of railway human resource strategies in support of commercialization and reform	X	X	X	X	
33	Study of implications of low carbon policies on future railway traffic and strategies to mitigate loss of high carbon freight and attract new types of freight traffic	X	X	X	X	





# Updated priority list of knowledge and capacity development projects

No.	Proposed project in priority order	Priority
25	<b>KGZ/TAJ: Commercialization, reform and investment program [ongoing]</b>	<b>1</b>
8	<b>Most MCs: Railway capacity management ICT tools—train timetabling [completed]</b>	<b>1</b>
2	<b>All MCs: CAREC rolling stock needs and financing facility</b>	<b>1</b>
4*	<b>2–3 MCs: Best practices in establishing/operating railway sales &amp; marketing function</b>	<b>1</b>
5*	<b>2–3 MCs: Advisory support to accounting standards and systems</b>	<b>1</b>
1	All MCs: CAREC rail containerization study	{1
10	AZE/GEO/KAZ: Improving competitiveness of Trans-Caspian Internat. Transport Route (TITR)	{1
9	Most MCs: Best practices for involving private sector in terminals & stations	2
32	Most MCs: Preparing and implementing railway human resource strategies in support of commercialization and reform	2
33	Study of implications of low carbon policies on future railway traffic and strategies to mitigate loss of high carbon freight and attract new types of freight traffic	1

\* Funding for project nos. 4–5 is subject to TA replenishment



**Opportunity for RWG members to suggest any further knowledge and capacity development support projects**



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# Thank you!

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