



8th Railway Working Group Meeting

22–24 May 2024 • Baku, Azerbaijan

8-е заседание Рабочей группы по железнодорожному транспорту

22–24 мая 2024 года • Баку, Азербайджан



Session 5: TA planning and identification of new TA activities

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Selection of TA Prefeasibility and Knowledge Support



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	PRC: Transloading hub, Urumqi	X	X	X	X	X	X
9	GEO: Contrailer prefeasibility study, TCC	X					
10	KAZ: Investment program to address capacity bottlenecks	X	X	X	X	X	X
11	KAZ: Locomotive financing	X	X	X	X	X	X
12	KGZ/PRC/UZB: PRC–Kyrgyz Republic–Uzbekistan Railway	X	X	X	X	X	X
13	KGZ: North–South Railway	X				X	
14	KGZ: Electrification of Lugovaya–Balykchi	X				X	
15	KGZ: Multimodal terminal, Balykchi	X		X	X	X	X

Recap: PFS project screening and selection (2/3)

No.	Proposed project	Adequate proposal	Strategic for 2+ MCs	Business/economic case	Commercializ. & reform	Screen using model	PFS shortlist
16	KGZ: Track rehabilitation	X		X			
17	KGZ: Wagon rehabilitation	X		X			
18	KGZ: Modernization of workshops	X					
19	MON: Tavan Tolgoi-Zuunbayan-Sainshand-Baruun-urt-Choibalsan	X				X	
20	MON: Tavan Tolgoi-Gashuun Sukhait Railway	X	X	X		X	X
21	MON: Bogd Khan Railway logistics centers	X			X		
22	PAK: Service continuity during upgrading of ML-1	X					
23	PAK: Locomotive maintenance facilities	X					
24	PAK: Modernization of passenger stations	X			X		
25	PAK: Freight terminals	X					
26	TAJ: Jaloliddini Balkhi–Jayhun–Nizhny Pyanj Railway	X	X			X	
27	TAJ: Multimodal terminal, Kulob	X			X	X	
28	TAJ: Value added logistics centers	X		X	X		
29	TAJ: Revive abandoned industrial properties on rail sidings	X		X	X		
30	UZB: Northwestern international freight corridor	X	X	X	X	X	X
31	UZB: Uzbekistan–Turkmenbashy block trains & ferry services	X	X	X	X	X	X

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
12	KGZ/PRC/UZB: PRC–Kyrgyz Republic–Uzbekistan Railway	1
31	UZB/TKM: Uzbekistan–Turkmenbashi block train services	1
30	UZB/KAZ/TAJ: Northwestern International Freight Corridor	1
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	All MCs: CAREC rail containerization study	X	X	X	X	
2	All MCs: CAREC rolling stock needs and financing facility	X	X	X	X	
3	All MCs: Exchange of railway traffic rights between CAREC MCs		X	X		X
4	Most MCs: Best practices in establishing/operating railway sales & marketing function		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	Most MCs: Railway capacity management ICT tools	X	X		X	
9	Most MCs: Best practices in involving private sector in terminals & stations		X	X		X
10	AZE/GEO/KAZ: Improving competitiveness of Trans-Caspian Internat. Transport Route (TITR)	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					
18	PRC/MON/KAZ: Options for transloading capacity at CAREC borders	X	X		X	
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
25	KGZ/TAJ: Commercialization, reform and investment program	X		X	X	
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)

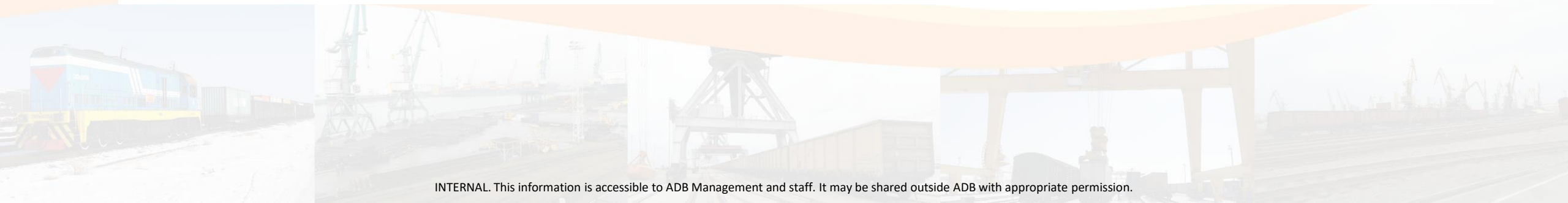
No.	Proposed project	Adequate proposal	Strategic for 2+ MCs	Commercializ. & reform	Include in shortlist	Seek ideas to improve
32	Most MCs: Preparation and implementation of railway human resource strategies in support of commercialization and reform	X	X	X	X	
33	Study of implications of low carbon policies 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	KGZ/TAJ: Commercialization, reform and investment program [ongoing]	1
8	Most MCs: Railway capacity management ICT tools—train timetabling [completed]	1
2	All MCs: CAREC rolling stock needs and financing facility	1
4*	2–3 MCs: Best practices in establishing/operating railway sales & marketing function	1
5*	2–3 MCs: Advisory support to accounting standards and systems	1
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



Thank you!

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