

CAREC TRANSPORT SECTOR COORDINATING COMMITTEE

JICA'S Transport Sector Activities in Central Asia and the Caucasus Region



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Japan International Cooperation Agency

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Part 1

Regional Overview

■ OPERATION ENVIRONMENT IN THE REGION

1. Regional Context

- Widening gap among countries with rich natural resources and without them
- Possible worsening of stability both in economic and social terms
(Severe influences by crisis in Europe and Afghan situation after NATO withdrawal may be possible.)
- Connectivity issue is of critical importance. (especially in transport & energy sectors)
- There are still huge needs for infrastructure development.

2. Japanese Context

- “Central Asia plus Japan” Dialogue Foreign Ministers Meeting scheduled in Bishkek in this summer.
- Limited trade and investment relationship between Japan and the Central Asia & Caucasus region countries.

	Import from Japan (2012, Mil. USD)	Export to Japan (2012, Mil. USD)	Resident Japanese Nationals (2013)
Armenia	13.97	1.34	7
Azerbaijan	155.14	19.18	35
Georgia	297.30	7.19	33
Kazakhstan	486.02	458.38	126
Kyrgyz	58.27	0.59	136
Tajikistan	1.21	5.93	47
Turkmenistan	93.61	0.02	15
Uzbekistan	91.78	62.85	117

Source : Ministry of Finance of Japan

1. Strategy Framework of JICA's Operations

- JICA introduced “JICA Country Analytical Paper” for each country which describes background analytical information and operational strategy for 3-5 years.
- JICA Country Analytical Paper for Uzbekistan, Kyrgyz and Tajikistan has been completed.

2. Overall Assistance Strategy for the Region

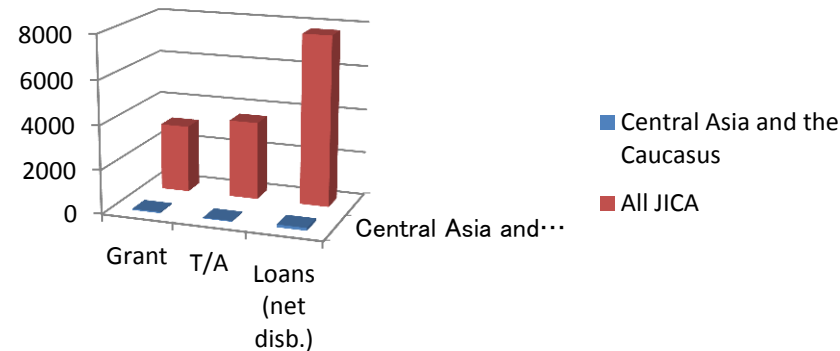
- Not only the renovation of obsolete infrastructure, but also restructuring of infrastructure systems (especially network infra) is of high priority in almost all countries in the region.
- Social services improvement and income generation in rural areas are also important.
- Special attention is paid to the regional cooperation initiatives/frameworks. (Co-working with various regional initiatives, such as CAREC.)

OPERATION OVERVIEW (1/4)

Region's Share In Global ODA Operations : Disbursement in 2012

Central Asia and the Caucasus region occupies only **3.4%** of Japan's Total Disbursement.

In millions of USD



Japan's ODA for Central Asia and the Caucasus

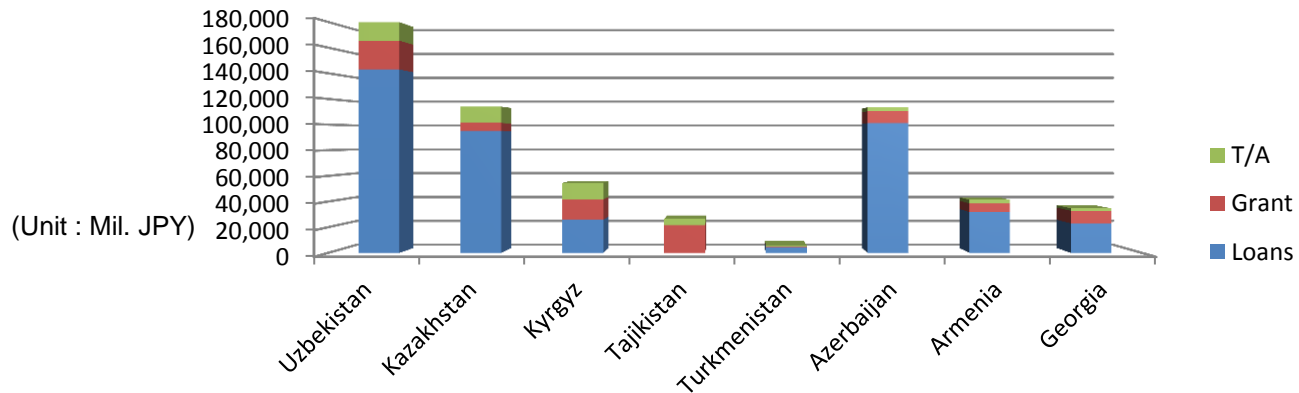
(Net Disbursement, In millions of USD)

Calendar Year		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Cum. Total (1993-2012)
Grants	Grant	42.27	20.21	46.67	25.52	26.20	23.07	55.07	82.39	71.9	52.32	775.53
	(of which via int'l organizations)	-	-	-	0.08	0.08	1.46	8.58	9.45	15.21	9.49	44.35
	T/A	36.05	49.65	34.87	32.29	33.81	33.44	38.17	39.87	32.84	39.12	602.25
	Sub-Total	78.32	69.86	81.54	57.81	60.01	56.51	93.24	122.26	104.74	91.44	1,377.78
Loans (net disb.)		267.23	221.04	91.02	34.90	168.15	107.29	119.32	24.23	52.31	127.69	2,294.65
Total		345.55	290.90	172.56	92.71	228.16	163.80	212.56	146.49	157.05	219.13	3,672.46

Source : Ministry of Foreign Affairs of Japan

OPERATION OVERVIEW (2/4)

Cumulative Total Commitment By Type of Operations (1993-2012)



	Loans	Grant	T/A
Uzbekistan	1,409	217	135
Kazakhstan	937	61	123
Kyrgyz	253	153	119
Tajikistan		196	44
Turkmenistan	44	6	8
Sub-Total (Central Asia)	2,644	634	429
Azerbaijan	997	82	29
Armenia	313	65	28
Georgia	227	95	18
Sub-Total (the Caucasus)	1,537	242	75
projects for several countries in the region			498
Total	4,181	876	1,002

(Unit : Mil. USD)

Technical Assistance For Central Asia and the Caucasus

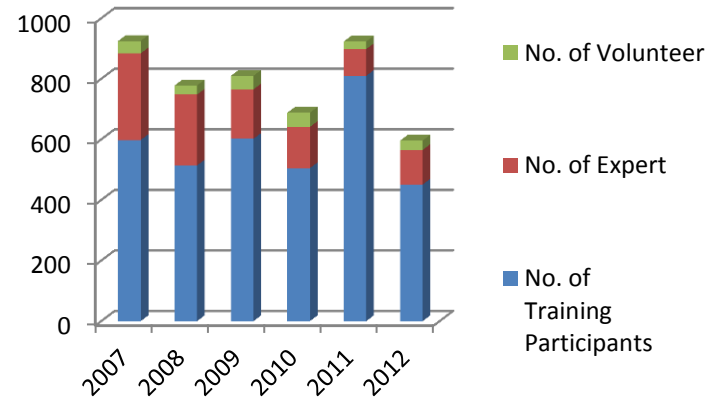
JICA started receiving training course participants from the region in 1993. Since then, JICA has received and trained approximately **8,100** participants from the Central Asian and the Caucasus region as of 31 March 2013.

We offer training courses in such priority areas as transport, energy, water, trade and investment, environment as well as the ones in line with the “Central Asia plus Japan” inter-governmental dialogue such as measures against terrorism and narcotics and disaster prevention.

Alumni associations are organized in each country for the purpose of creating networks among the ex-participants.

Such alumni associations are expected to connect Central Asia and Japan in the future.

Technical Assistance for Central Asia and the Caucasus



	No. of Training Participants	No. of Expert	No. of Volunteer
2007	598	286	41
2008	514	234	30
2009	602	163	45
2010	505	136	47
2011	810	88	25
2012	451	114	31

OPERATION OVERVIEW (4/4)

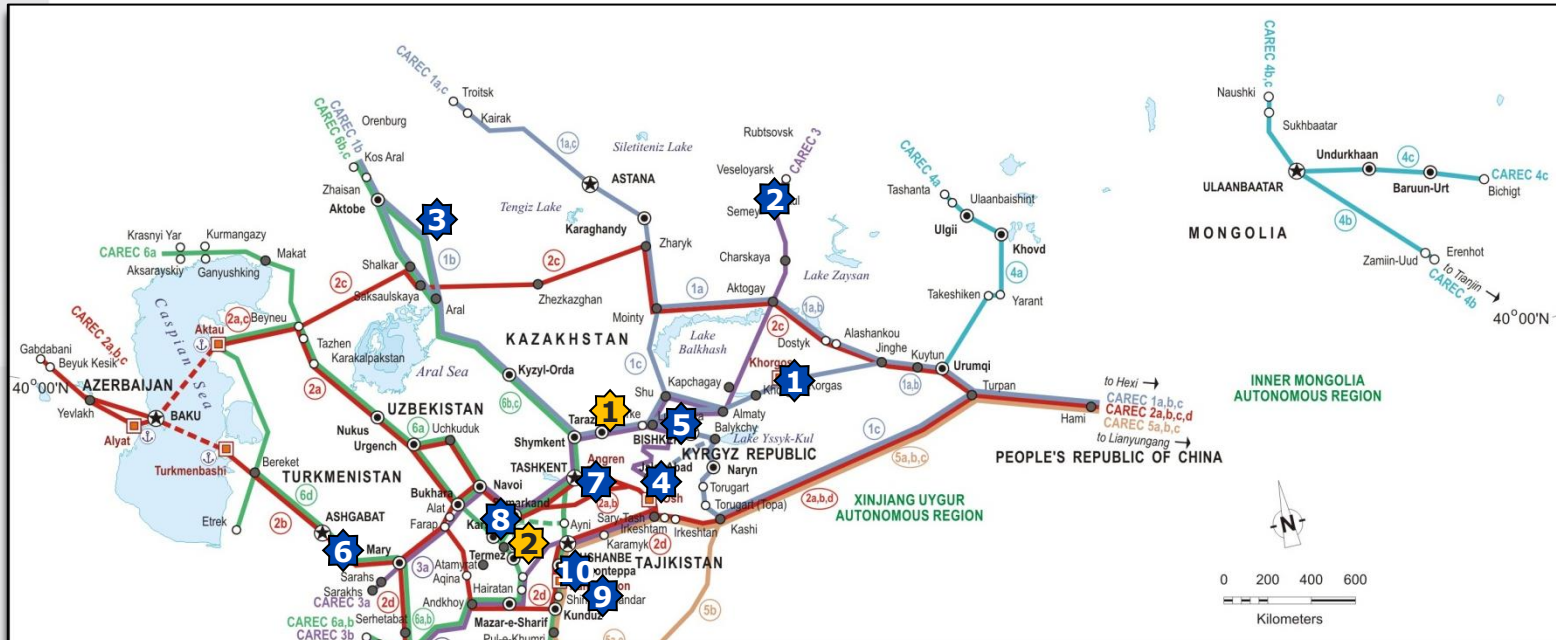
Loans (committed projects as of January 2014)

Country	Project/Programme Name	L/A Date	Loan Amount (Mil. USD)
Uzbekistan	Telecommunication Network Expansion Project	6/14/1995	125
	Railway Passanger Transport Improvement Project	6/16/1996	60
	Three Local Airports Modernization Project	12/17/1996	153
	Telecommunication Network Expansion Project (II)	12/14/1999	125
	Three Local Airports Modernization Project (II)	12/14/1999	28
	Senior Secondary Education Project	1/31/2001	63
	Tashkent Thermal Power Plant Modernization Project	5/16/2002	246
	Tashguzar-Kumkurgan New Railway Constrcution Project	10/15/2004	161
	Talimarjan Thermal Power Station Extension Project	5/1/2010	270
	Karshi-Termez Railway Electrification Project	2/27/2012	178
Navoi Thermal Power Station Modernization Project	8/22/2013	344	
Uzbekistan Total			1,753
Kazakhstan	Railway Transport Capacity Development Project	12/5/1995	71
	Irtys River Bridge Construction Project	3/12/1997	212
	Astana Airport Reconstruction Project	12/24/1998	218
	Western Kazakhstan Road Network Rehabilitation Project	12/21/2000	163
	Astana Water Supply and Sewerage Project	7/8/2003	210
	CAREC Transport Corridor (Zhambyl Oblast) Improvement Project	8/23/2010	63
Kazakhstan Total			937
Kyrgyz	Rehabilitation Loan	10/14/1993	64
	Commodity Loan (Sector Programme Loan)	11/30/1994	31
	Bishkek-Manas International Airport Modernization Project	6/6/1996	54
	Bishkek-Osh Road Rehabilitation Project	3/17/1997	30
	Bishkek-Osh Road Rehabilitation Project (II)	10/26/1998	52
	Social Sector Adjustment Program	5/21/1999	23
Kyrgyz Total			253
Turkmenistan	Railway Transportation Modernization Project	12/24/1997	44
Turkmenistan Total			44
Azerbaijan	Severnaya Cas Combined Cycle Power Plant Project	2/27/1998	204
	Severnaya Cas Combined Cycle Power Plant Project (II)	10/14/1999	181
	Shimal Gas Combined Cycle Power Plant Project (Second Unit)	5/13/2005	288
	Provincial Cities Water Supply and Sewerage Project	5/29/2009	324
Azerbaijan Total			997
Grand Total			3,984

Part 2

Operations in Transport Sector

JICA'S Transport Projects Under "Central Asia Regional Cooperation" (CAREC) Initiative



★ Completed Projects				
#	Country	Project	Type	Year
1	Kazakhstan	Railway Transport Capacity Development Project	Loan	1995
2	Kazakhstan	Irtys River Bridge Construction Project	Loan	1997
3	Kazakhstan	Western Kazakhstan Road Network Rehabilitation Project	Loan	2000
4	Kyrgyz	Bishkek-Osh Road Rehabilitation Project	Loan	1997
5	Kyrgyz	Bridge Reconstruction in Chui Oblast	Grant	2007
6	Turkmenistan	Railway Transportation Modernization Project	Loan	1997
7	Uzbekistan	Railway Passenger Transport Improvement Project	Loan	1996
8	Uzbekistan	Tashguzar-Kumkurgan New Railway Construction Project	Loan	2004
9	Tajikistan	Dusty-Nizhniy Pyandzy Road	Grant	2006
10	Tajikistan	Kurgan Tyube-Dusti Road	Grant	2008
★ On-going Projects				
#	Country	Project	Type	Year
1	Kazakhstan	CAREC Transport Corridor(Zhambyl Oblast) Improvement Project	Loan	2010
2	Uzbekistan	Karshi-Termez Railway Electrification Project	Loan	2012

JICA's Target Issues in Road Sector

- Disaster Management

→ *Making transportation SAFE and SMOOTH*

Avalanche



Rock fall



- Capacity Development of the Ministry for Maintenance

→ *Prolonging the invested road asset*

→ *Ministry's capacity is the core in any approach for road asset management*

Appendix

JICA's Recent Transport Sector Activities

JICA's Recent Transport Sector Activities (Central Asia)

【Kyrgyz Republic】

JICA's Prior Approach

Geographical Features:

Landlocked & Mountainous country located in **the connection point of East, Central and South Asia**

JICA's Approach:

Support for **Rehabilitation** of major trunk roads and bridges, **Development on Maintenance capacity** and **Disaster Prevention**.

Sub Sector	Project Title	Type	Period	Status
Road Rehabilitation	The Project for Reconstruction of Kok-Art River Bridge on the Bishkek-Osh Road	Grant	2013-2015	On-Going
Road Rehabilitation	The Project for Rehabilitation of Osh-Batken-Isfana (OBI) Road	Loan		Under Planning
Road Maintenance	The Project for Improvement of the Equipment for Road Maintenance in Osh, Jalal-Abad and Talas Oblasts	Grant	2014	On-Going
Road Maintenance	The Project for Capacity Development for Maintenance Management of Bridges and Tunnels	T/A	2013-2016	On-Going
Road Maintenance	Road Maintenance and Management	Training in JPN	2014	New
Disaster Prevention	The Project for Avalanche Protection on Bishkek-Osh Road			Under Planning
General	Road Administration Advisor	T/A	2008-2016	On-Going
Transport & Rural Development	Regional Development along Trunk Road in Central Asia and Caucasus Region	Training in JPN	2014	On-Going

JICA's Recent Transport Sector Activities (Central Asia)

【Tajikistan】

JICA's Prior Approach

Geographical Features:

Landlocked & Mountainous country located in **the connection point of East, Central and South Asia**

JICA's Approach:

Support for logistic development including improvement of outdated transport infrastructure and efficiency on custom control

Sub Sector	Project Title	Type	Period	Status
Road Maintenance	The Project for Improvement of Equipment for Road Maintenance in Khatlon Region and Districts of Republican Subordination	Grant	2013-2014	On-Going
Road Maintenance	The Project for the Capacity Building of Road Maintenance	T/A	2013-2016	On-Going
Road Maintenance	Road Maintenance and Management	Training in JPN	2014	On-going
Road Maintenance	Road Administration	Training in JPN	2014	On-going
Aviation	Aviation Security	Training in JPN	2014	New
Customs	Customs Administration for Central Asia and Caucasian Countries	Training in JPN	2014	On-going
Transport and Rural Development	Regional Development along Trunk Road in Central Asia and Caucasus Region	Training in JPN	2014	On-going

JICA's Recent Transport Sector Activities (Central Asia)

【Kazakhstan】

JICA's Prior Approach	Development of obsolete and inefficient infrastructures from the point of view of regional connectivity			
Sub Sector	Project Title	Type	Period	Status
Road Rehabilitation	CAREC Transport Corridor (Zhambyl Oblast) Improvement Project	Loan	2010-	On-Going
Logistics	Development of Logistics System in Asian Region	Training in JPN	2014	New
Regional Development	Regional Development along Trunk Road in Central Asia and Caucasus Region	Training in JPN	2014	New

【Turkmenistan】

JICA's Prior Approach	Support the development plan that will contribute to regional cooperation in Central Asia and the country, putting emphasis on sustainable development and political stability of the country. (This is the approach for the country as a whole, and there is no sector specific approach)			
Sub Sector	Project Title	Type	Period	Status
Road Maintenance	Road Maintenance and Management	Training in JPN	2014	New
Regional Development	Regional Development along Trunk Road in Central Asia and Caucasus Region	Training in JPN	2014	New
Port	Sustainable Port Development and Planning (for port engineer)	Training in JPN	2014	New

JICA's Recent Transport Sector Activities (other CAREC member countries)

【Afghanistan】

JICA's Prior Approach

JICA's Approach:

Construction and rehabilitation of roads and other infrastructure

Priority will be given to the development of the Kabul Metropolitan Area, further modernization of the Kabul International Airport and implementation of road construction and maintenance projects in major cities.

Sub Sector	Project Title	Type	Period	Status
Road Rehabilitation & Rural Development	The Project for Rehabilitation of Small Irrigation Facilities and Village Accessibility in Dehsabz Area, Kabul Province	Grant	2012-2014	On-Going
Road Rehabilitation	The Project for Improvement of East-West Arterial Road Community Road in Kabul	Grant	2012	On-Going
Road Maintenance	Improvement of Road Maintenance Capacity	Grant	2012-2014	On-Going
Urban Development	Project on Promotion of Kabul Metropolitan Area Development	T/A	2010-2015	On-Going
Aviation	The Project for Strengthening Security in Kabul International Airport	Grant	2013-2017	On-Going
Aviation	The Project for Improvement of existing Bamyan Airport	Grant	2012-2014	On-Going
Aviation	The Project for Rehabilitation and Expansion of Aircraft Parking Aprons at Kabul International Airport (Phase 2)	Grant	2012-2015	On-Going

JICA's Recent Transport Sector Activities (other CAREC member countries)

【Azerbaijan】

JICA's Prior Approach

Improvement of Economic Infrastructure

Infrastructure development relating to the economic activities is priority of JICA's assistance. Transport is covered under this approach.

Sub Sector	Project Title	Type	Period	Status
Road Maintenance	Road Maintenance and Management	Training in JPN	2014	New
Transport	Intelligent Transport System(ITS)	Training in JPN	2014	New

【Mongolia】

JICA's Prior Approach

Geographical Features:

Landlocked country surrounded by China and Russia

JICA's Approach:

Support for Enhancement of the capacity and function of Ulaanbaatar as urban center

Sub Sector	Project Title	Type	Period	Status
Bridge Maintenance	The Project for Capacity Development on Bridge Maintenance and Management	T/A	2013-2015	On-Going
Airport Construction	New Ulaanbaatar International Airport Construction Project	Loan	2008-2016	On-Going
Airport Operation and Maintenance	Project for Human Resource Development and O&M Capacity Development for New Ulaanbaatar International Airport	T/A	2014-	New

JICA's Recent Transport Sector Activities (other CAREC member countries)

【Pakistan】

JICA's Prior Approach

JICA's Approach:

Development and improvement of economic infrastructure (transportation system and power supply)

Emphasizing on the promotion of economic activities, priorities will be given to construction, rehabilitation and maintenance of existing roads and support for urban transport development in Karachi and Lahore which has increasing needs to solve traffic congestion based on population growth.

Sub Sector	Project Title	Type	Period	Status
Road Rehabilitation	Indus Highway Construction Project (III)	Loan	2006-2014	On-Going
Road Rehabilitation	East-West Road Improvement Project (N70) (I)	Loan	2008-2017	On-Going
Road Maintenance	Project for Technical Assistance on the Implementation of Road Asset Management System in NHA	T/A	2011-2014	Under Planning
General	Project on Improvement of Traffic Management Capacity in Lahore Central Area	T/A	2012-2014	Under Planning

【Kyrgyz Republic】

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