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Draft 10-year Commemorative Study Part 1 (Stock-Take)

Appendices

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CAREC SUBREGIONAL WORKSHOPS: 10 YEARS OF COOPERATION AND MOVING FORWARD

LIST OF PARTICIPANTS

I. Tashkent, Uzbekistan; 9 August 2010

A. Uzbekistan

- 1. Mr. Aleksey Ananin, Acting Head of Sector for External Economic Activities, Cabinet of Ministers (Head of Delegation)
- 2. Mr. Rustam Azimboev, Head, Transport Department, Ministry for Foreign Economic Relations, Investment and Trade
- 3. Mr. Alisher Fayziev, Deputy Chairman, Uzbekenergo
- 4. Mr. Rustam. Mansurov, Deputy Chairman, State Customs Committee (SCC), Focal Point on Trade Facilitation
- 5. Mr. Fanil Kadyrov, Department Head, MFERTI (Trade Policy issues)
- 6. Mr. Eso Sadullaev, Head of National Dispatching Center (Energy issues)
- 7. Mr. Takhir Aliev, Deputy Head of Department (RJC)
- 8. Mr. Bakhadir Yunusov, Department Head, SCC
- 9. Ms. Dilfuza Kholmatova, Chief Inspector, SCC (RJC)
- 10. Mr. Abdurashid Tagirov, Department Deputy Head, Uzavtovul, Transport Focal Point
- 11. Mr. Mirpulat Mirkhamidov, Department Head, Railways
- 12. Mr. Akram Mukhidov, Chairman, Association on Business and Logistics Development

B. Afghanistan

- 13. Mr. Said Mubin Shah, Deputy Minister of Customs and Revenue, Customs Cooperation Committee Focal Point and alternate to CAREC Focal Point, Ministry of Finance (Head of Delegation)
- 14. Mr. Ahmad Shah Wahid, Deputy Minister of Public Works, Ministry of Public Works

C. Mongolia

- 15. Mr. T. Dorjkhand, Deputy Director, Development Financing and Cooperation Department, Ministry of Finance (Head of Delegation)
- 16. Mr. T. Tserenpurev, Director, General, Department of Energy Policy, Ministry of Mineral Resources and Energy
- 17. Mr. Kh. Gantumur, Deputy Director, Road and Transport Policy Department, Ministry of Road, Transport, Construction and Urban Development
- 18. Ms. O. Ochirmaa, Senior Officer, Foreign Trade and Economic Cooperation Department, Ministry of Foreign Affairs and Trade
- 19. Mr. L. Delgerbayar, Director of Public Administration and International Cooperation Department, General Customs Authority

Appendix 1

II. Almaty, Kazakhstan; 18 August 2010

A. Kazakhstan

- 1. Mr. Manat Bibassov, Director, International Cooperation Department, Ministry of Transport and Communications (Head of Delegation)
- 2. Ms. Masserbayeva Bibigul, Head of Division of Coordination of External Aid, Investment Policy Department MEDT
- 3. Mr. Askan Smailov, Head of Electric Power Development Division, Electric Power and Coal Industry Development Department, Ministry of Industry and New Technology
- 4. Mr. K. Aldebergenov, Head of International Cooperation Division, Customs Control Committee, Ministry of Finance

B. Kyrgyz Republic

- 5. Mr. S. Mukanbetov, Deputy Minister of Economic Regulation (NFP for Kyrgyz Republic)
- 6. Mr. K. Mamaev, Permanent Secretary of the Ministry of Transportation and Communication
- 7. Mr. A. Stamaliev, Head of Water-Power Regulation Department, Ministry of Energy
- 8. Mr. M. Kadyrkulov, Adviser to the Chairman of State Customs Service under the Government of Kyrgyz Republic
- 9. Mr. S. Kulmambetov, Head of Customs Policy Department of the Ministry of Economic Regulation

C. Tajikistan

- 10. Mr. Negmatdzhon Buriev, CAREC National Focal Point, Senior Advisor to the President (Head of Delegation)
- 11. Ms. Bozorova Gulchekhra, Deputy Minister of Economic Development and Trade
- 12. Mr. Suleymanov Akram, Deputy Minister of Energy and Industry
- 13. Mr. Khudoyorov Khudoyor, Deputy Minister of Transport and Communication
- 14. Mr. Dzhurabekov Eraj, Head of Customs Control Department, Customs Service

III. Beijing, People's Republic of China; 1 September 2010

A. People's Republic of China

- 1. Mr. Zhang Wencai, Deputy Director General, International Department, Ministry of Finance and CAREC National Focal Point (head of delegation)
- 2. Mr. Pan Wenxing, Director, International Department, Ministry of Finance
- 3. Mr. Zhang Xing, Section Chief, International Department, Ministry of Finance
- 4. Mr. Zhang Wenchuan, Second Secretary, Ministry of Foreign Affairs
- 5. Mr. Zhang Jianmin, Section Chief, Department of Regional Economy, National Development and Reform Commission
- 6. Mr. Zhang Xiaojie, Director, Department of International Cooperation, Ministry of Transport
- 7. Mr. Chen Chao, Deputy Director, Department of International Trade and Economic Affairs, Ministry of Commerce

- 8. Mr. Jia Bo, Section Chief, Department of International Cooperation, Ministry of Health
- 9. Mr. Xie Xuan, Deputy Director General, Department of Finance, Xinjiang Uygur Autonomous Region
- 10. Ms. Xia Shuhui, Deputy Director, Department of Finance, Xinjiang Uygur Autonomous Region
- 11. Mr. Zhu Xianqiang, Officer, Department of Finance, Xinjiang Uygur Autonomous Region
- 12. Mr. Yang Aijun, Deputy Director, Department of Finance, Inner Mongolia Autonomous Region
- 13. Mr. Bao Quan, Section Chief, Department of Finance, Inner Mongolia Autonomous Region
- 14. Ms. Xin Na, Officer, National Energy Administration
- 15. Mr. Hong Zhijie, Deputy Director, Ministry of Agriculture

B. Azerbaijan

- 16. Mr. Ruslan Rustamli, Deputy Head of Foreign Investments and Aid Coordination Department of the Ministry of Economic Development (Head of Delegation)
- 17. Mr. Rovshan Mahmudov, Head of Foreign Trade Policy Division of the Ministry of Economic Development
- 18. Mr. Anar Guliyev, Consultant of the Foreign Investments and Aid Coordination Department of the Ministry of Economic Development
- 19. Mr. Arif Abdulazizov, Deputy Director of Finance and Credit Department of the Ministry of Transport
- 20. Mr. Rufat Elchiyev, Director of Customs and Taxes Collection Division of the State Customs Committee

CAREC Region Macro-level Snapshot Indicators

- 1. To begin to contextualize the evolution and achievements of the Central Asia Regional Economic Cooperation Program, it is useful to consider the considerable progress made at macro-level throughout the CAREC region during the past 10 years. Table 1 shows national outcome indicators of poverty reduction and basic infrastructure during this time, drawing on Millennium Development Goals (MDGs) relevant to the overall objectives of CAREC, and the composite Human Development Index. Table 2 provides data on the economic and trade environment across the CAREC region during 2001-2009.
- 2. Data represent aggregated macro-level outcomes drawn from a majority of CAREC countries, depending on data availability. The indicators were selected to reflect priority areas of economic growth and trade relevant to the CAREC Program. In assessing these data, caution should be used in attributing specific CAREC outputs to improvement or decline in macro-level outcomes. Outcomes at the country level reflect desired medium-term macro-level progress and are shaped by many factors: any one program or project makes only a partial contribution.

Table 1: Poverty Reduction and Basic Infrastructure

Indicator	2001	2006	2008 / Latest Value
Population living below \$2/day (%)	52.3 ^a		42.4 ^b
Population living below \$1.25/day (%)	25.9 ^a		21.0 ^b
Human Development Index	0.717	0.719	0.696°
Gender-related Development Index	0.706	0.714	0.731
Population using improved water sources (%)	67.43 ^d		73.14 ^e
Population using improved sanitation facilities (%)	74.86 ^d		76.86 ^e
Telephone Lines (per 100 population)	6.39 ^d		9.27
Cellular subscriptions (per 100 population)	1.88 ^f		50.90

^a 2002 data. ^b 2005 data.

Sources: World Bank, PovcalNet; United Nations Development Programme. *Human Development Report*, various; United Nations Development Programme. *Gender Development Reports*, various; ADB. *Key Indicators* 2009. Manila.

d Within the eight CAREC countries, data were reported for either 1990 or 1995.

^e 2006 data. ^f 2000 data.

Table 2: GDP, Trade and Business Environment

Indicator	2001	2006	2008 / Latest Value
GDP (PPP, constant 2005 \$ billion)	35.6	53.9	63.2ª
GDP per capita (PPP, constant 2005 international \$)	2,216	3,302	3,796 ^a
Employment to population ratio (%)	55.9	57.0	58.2ª
Employment to population ratio, female (%)	43.8	44.6	45.3 ^a
Women employed in non-agricultural sector (%)	46.2	48.1	50.8 ^b
Real growth in trade of goods and services (total exports and imports) (%)	-0.6	12.1	-2.8
Foreign direct investment, net inflows (% GDP)	6.9	4.1	6.3
Time to start a business (days)		30	14
Cost of business start-up procedures (% of GNI per capita)	30.2°	27.4	11.7
Cost to export (\$/standard container)		2,845	2,959
Cost to import (\$/standard container)		3,020	3,458

GDP = gross domestic product; GNI = gross national income; PPP = power purchase parity. a 2008 data. b 2007 data. 2003 data.

Sources: World Bank. World Development Indicators Online Database; World Bank. World Development Indicators, various; World Bank. World Trade Indicators 2009; and World Bank and IFC. Doing Business, various.

CAREC Investment Projects (Loans and Grants, 1994–2010)

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
TRANSP	PORT								
1	Third Highway Project	Transport	AZE	241.6 114.55	World Bank AZE Government	Loan	2010	Ongoing	The development objective of the Third Highway Project for is Azerbaijan is to contribute to a more efficient and safer Baku-Shamakhi road and higher quality road services as part of the upgrading to motorway standards, and to improve the management of the nascent motorway network. There are three components to the project. The first component of the project is motorway improvement - upgrading a 100km section of the existing two lane M4 Baku-Shamakhi road into four-lane motorway and related road safety activities. The second component of the project is institutional development. The third component of the project is project management. The project will finance consultant services, equipment and Technical Assistance (TA) to support project management capacity of the Project Implementation Unit (PIU), including office equipment, software, training (especially financial management), seminars, and financial management TA, and project financial audits.
2	CAREC Corridor 2 Road Investment Program, Project 1 ¹	Transport	UZB	115.0 31.0	ADB UZB Govt	Loan	2010	Ongoing	The investment program will involve (i) reconstructing 222 kilometers of CAREC Corridor 2 that forms part of Uzbekistan's A380 highway, (ii) strengthening transport logistics, and (iii) improving road sustainability. Project 1 of the program will convert 50 km of the highway into

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
									a four-lane international design road, and also include road asset management and community development. The Asian Development Bank has approved a \$600 million multitranche financing facility for the program. Project 1 will be financed with a \$115 million loan.
3	Regional Road Development Project - Supplementary	Transport	MON	24.0 1.6	ADB MON Government	Grant, Loan	2010	Ongoing	The Regional Road Development Project was approved in June 2004, but several factors have necessitated a supplementary loan. The supplementary loan (\$8 million) and grant (\$16 million) will enable the completion of the 428 kilometer road from Choyr to the border with the People's Republic of China near Zamyn-Uud.
4	National Road Rehabilitation (Osh-Isfana) Project	Transport	KGZ	25.0	World Bank	Loan, Grant	2009	Ongoing	This project (of \$25 million) aims to reduce transport costs and travel time along the Osh-Batken-Isfana road corridor, and improve road safety planning. Its three components are (i) rehabilitation of a section of the Osh-Batken-Isfana road corridor, (ii) road safety planning improvement, and (iii) project management and implementation.
5	CAREC Transport Corridor I (Zhambyl Oblast Section) [Western Europe-Western People's Republic of China International Transit Corridor] Investment Program Project 2 ²	Transport	KAZ	187.0 170.0 58.0	ADB IsDB KAZ Govt	Loan	2009	Ongoing	The second tranche consisting of a \$187 million loan under the multitranche financing facility (MFF) will finance the improvement of 79 kilometers (km) of road of the Zhambyl Oblast (Kazakhstan) section of Corridor 1. The project is part of a 470 km road improvement program in Kazakhstan supported by Asian Development Bank, Japan International Cooperation Agency, and Islamic Development Bank.
6	Hairatan to Mazar-e-Sharif	Transport	AFG	165.0	ADB	Grant	2009	Ongoing	The project aims to increase

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
	Railway Project			5.0	AFG Govt				trade between Afghanistan and Uzbekistan, reduce transport costs, increase vehicle operation savings, and create job opportunities in the project area. It will improve Hairatan's marshalling yard and railway station, construct a new single track railway line of about 75 km from Hairatan to Mazar-e-Sharif, construct a new transhipment terminal facility at Mazar-e-Sharif, install signalling and telecommunication systems, install safety features for efficient operation, develop institutional capacity of the railway sector, and provide construction supervision and project management consultancy.
7	Dushanbe-Kyrgyz Border Road Rehabilitation Project, Phase II (Supplementary)	Transport	TAJ	20.0 5.0	ADB TAJ Govt	Grant	2009	Ongoing	The supplementary grant finances the rehabilitated road section from Obigarm to Nurobod (km 95-km 140), the repaired emergency bypass road at km 110-km 112, the improved central section from Nurobod to Nimich (km 140-km 217), and the upgraded border section at Karamik. The new financing will improve 127 kilometers (km) of the project corridor and 7 km of the bypass road.
8	CAREC Transport Corridor I (Bishkek-Torugart Road) Project 2	Transport	KGZ	50.0 12.5	ADB KGZ Government	Loan, Grant	2009	Ongoing	The project rehabilitates about 75 kilometers of the Bishkek-Torugart road and constructs an inspection facility to manage international passenger and freight traffic. The sections to be rehabilitated are adjacent to the section rehabilitated under the Project 1 road. The project also improves skills and knowledge of the Ministry of Transport and Communications staff, also a continuation of Project 1-the

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
									human resource development component of the transport sector master plan.
9	Xinjiang Urban Transport and Environmental Improvement Project (formerly Xinjiang Urban Transport Infrastructure Development)	Transport	PRC	100.0 87.2	ADB PRC Govt	Loan	2009	Ongoing	The Asian Development Bank- financed project includes building or upgrading of over 100 kilometers of roads, installing traffic signals and other road safety systems, and constructing public toilets and other sanitation facilities in five cities of Xinjiang Uygur Autonomous Region. The cities of Altay, Changji, Hami, Kuytun, and Turpan provide the counterpart funds.
10	Highway 2 Project - Second Additional Financing	Transport	AZE	175.0 43.75	World Bank AZE Government	Loan	2009	Ongoing	The second additional financing for Azerbaijan's Highway 2 Project will rehabilitate 116 kilometers of the M6 highway between Hajigabul and Bahramtapa, as well as 200 kilometers of local roads that connect villages to the M6. This development is in addition to the original project that will upgrade and rehabilitate selected sections of the existing east-west (M4) and north-south (M3) corridors, and to the first additional financing that will complete construction of the M3 highway and rehabilitate the Tagiyev-Sahil section of the Baku bypass, thus connecting the M3 to the M1 Highway.
11	South-West Roads: Western Europe-Western China International Transit Corridor (CAREC 1b and 6b)	Transport	KAZ	2,125.0 375.0	World Bank KAZ Government	Loan	2009	Ongoing	The project is part of Kazakhstan's plan to upgrade and improve the road corridor linking Western Europe to Western China through Kazakhstan. Approximately 1,062 kilometers of road sections between Aktobe/Kyzylorda Oblast border and Shymkent (including a northern bypass to the city) are to be constructed.

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
									This project will improve transport efficiency along these road sections as well as road management and traffic safety.
12	Osh-Isfana Road Upgrading Project	Transport	KGZ	35.0	EBRD	Loan	2008	Ongoing	The road project involves the rehabilitation and upgrading of the part of Osh-Batken-Isfana road in the south-west of Kyrgyz Republic. Within this corridor, the focus will be on improving the section Burgandy-Batken, between km 155-220 of the Osh-Batken Road. Osh and Batken are provincial capitals.
13	CAREC Transport Corridor I (Bishkek-Torugart Road) Project	Transport, Trade Facilitation	KGZ	20.0 10.3	ADB KAZ Government	Grant	2008	Ongoing	The project improves 39 kilometers of road stretch from Km 400 to Km 439 (within Char Pass-Ak Beit Pass section), modernizes customs infrastructure at the Kyrgyz Republic-People's Republic of China border crossing at Torugart, develops a transport sector master plan (2010-2025) adopted by the Kyrgyz government, and ensures a fully operational Bishkek-Torugart Road Corridor Management Department.
14	Road Network Development Program - Project 2 ³	Transport, Trade Facilitation	AZE	55.4	ADB	Loan	2008	Ongoing	Project 2, under the Road Network Development Program, aims to improve and rehabilitate the two-lane, 39-kilometer paved Ganja bypass road, which forms part of the East-West highway connecting Baku to the Georgian border. This project will contribute to sustained economic and social development in Azerbaijan.
15	CAREC Transport Corridor I (Zhambyl Oblast Section) [Western Europe-Western People's Republic of China	Transport	KAZ	340.0 60.0	ADB KAZ Govt	Loan	2008	Ongoing	Project 1 of this investment program covers (i) construction and reconstruction of about 125 kilometers (km) of the Project

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
	International Transit Corridor] Investment Program Project 1 ²								Road (sections of the CAREC Transport Corridor 1 between Taraz and Korday from km 404 to km 483 and from km 214 to km 260 in Zhambyl Oblast); and (ii) the road operation and maintenance component. The program aims to improve the 2,815 km Western Europe-Western China Transport Corridor from Khorgos at the border with the People's Republic of China, through Almaty and Shymkent, to the western border with the Russian Federation.
16	Road Network Development Investment Program Project 1 ⁴	Transport	AFG	60.0	ADB	Grant	2008	Ongoing	Project 1 is the first tranche of the multilateral financing facility for Afghanistan's Road Network Development Investment Program. The project provides supplementary financing for cost overruns resulting from price changes under the Andkhoy-Qaisar Road and the North-South Corridor projects. Its two components are (i) civil works and construction supervision and monitoring for Andkhoy-Qaisar Road, and (ii) civil works and project management and monitoring for the North-South Corridor.
17	South-West Corridor Road Project - Loan	Transport	KAZ	180.0	EBRD	Loan	2008	Ongoing	The project aims to rehabilitate and upgrade the 102-kilometer road section between the Russian border and the city of Aktobe. This road section is part of the Western Europe Western China transit corridor. Improvement of this corridor will facilitate the transit of goods and passengers between Kazakhstan, the People's Republic of China, the Russian Federation, and Europe and develop regional integration.

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
18	Lashkar Gah's Bost Airstrip	Transport	AFG		USAID, AFG Government	Loan	2008	Completed	The project is the only completely civilian airstrip in Southern Afghanistan and is the catalyst for re-establishing commercial air service in Helmand Province. The airstrip is a 2,000 meter-long paved runway with a 300 meter safety area. The runway is 30 meters wide and flanked on both sides by a 5 meter shoulder. It also has ground-to-air communications, landing lights, and additional aircraft parking apron.
19	Community-Based Local Road Upgrading and Maintenance in the Western Region of Mongolia	Transport	MON	2.0	ADB	Grant	2008	Ongoing	Covered by the Western Regional Road Corridor Development Project, this grant project aims to improve the quality of life in remote rural areas (soum centers) in Mongolia's western region by providing sustainable rural- access and soum-center roads to main roads. About 33.5 kilometers in 10 locations of local-access and soum-center roads will be improved and a community-based system for rural-access and soum-center road maintenance will be established.
20	Rehabilitation of Kurgan Tyube- Dusti Road	Transport	TAJ	15.4	JICA	Grant	2008	Ongoing	The grant finances the rehabilitation of the Kurgan Tyube-Dusti road in Tajikistan. It involves designing the project details.

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
21	Highway 2 Project - Additional Financing	Transport	AZE	300.0 205.0	World Bank AZE Govt	Loan	2008	Ongoing	The additional financing is for (i) upgrading the remaining 112 kilometers (km) of the M3 highway between Alat and Masalli, which was anticipated but not included in the highway project, and (ii) the reconstruction of the R6 highway Tagiyev-Sahil (41 km), which connects the M3 to the M1 (Baku-Russian border) and bypasses Baku. It also finances the rehabilitation of about 200 km of local roads, technical assistance, and monitoring and evaluation and financial audits.
22	Xinjiang Municipal Infrastructure and Environmental Improvement Project	Transport	PRC	105.0 85.9	ADB PRC Govt	Loan	2008	Ongoing	This municipal infrastructure and environmental management project in the Xinjiang Uygur Autonomous Region supports environmentally sustainable economic growth and poverty reduction and facilitate regional trade between the People's Republic of China (PRC) and the Central Asian republics. Its three components are: (i) Yining City roads and municipal services, (ii) Alashankou land port municipal infrastructure and environmental protection, and (iii) Kanas scenic region infrastructure and environmental protection.
23	Railway Trade and Transport Facilitation	Transport	AZE	450.0 345.0	World Bank AZE Government	Loan	2008	Ongoing	The project aims to improve railway services in Azerbaijan and the competitiveness, financial sustainability, operating and cost efficiency, and capacity of Azerbaijan Railway (ADDY). The components are the rehabilitation of track, signaling, and power supply of the 240-kilometer main line in the eastwest corridor; purchase of 50 new electric locomotives;

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
									modernization program for ADDY; and provision of training and consultant services to the project implementation unit.
24	Western Regional Road Corridor Development Project - Phase 1	Transport	MON	37.6 74.6	ADB MON Government	Grant	2008	Ongoing	The road project provides an efficient and safe regional transport route in the western region of Mongolia, linking the People's Republic of China's Xinjiang Uygur Autonomous Region and the Russian Federation's Siberia, by way of Hovd and Bayan-Olgiy aimags in Mongolia. The project represents a portion of the Asian Highway 4, an internationally designated road by the United Nations Economic and Social Commission for Asia and the Pacific.
25	CAREC Regional Road Corridor Improvement Project (Kyrgyz Republic Component)	Transport, Trade Facilitation	KGZ	25.6 25.6	ADB KGZ Government	Grant	2007	Ongoing	The \$79-million improvement project involves Tajikistan and the Kyrgyz Republic components. For the Kyrgyz Republic, the project improves 142 kilometers of a two-lane road from Sary Tash to Kyrgyz-Tajik border, replaces 4 deteriorated bridges, repairs 8 bridges, and constructs 1 bridge; improves road maintenance programs; and rehabilitates the Irkeshtam customs border post.
26	CAREC Regional Road Project	Transport	UZB	75.3 98.2	ADB UZB Government	Loan	2007	Ongoing	The project reconstructs 131 kilometers of highway sections of A-380 (Guzar-Bukhara-Nukus-Dautata) in the Uzbekistan and Kazakhstan border, and strengthens road sector institutions and road network management capacity. The main route between the northwest and southeast of Uzbekistan, A-380 highway serves as an important international corridor between Afghanistan (via Termez),

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
									Tajikistan, and Turkmenistan, and Kazakhstan and the Russian Federation.
27	Xinjiang Regional Road Improvement Project (Korla-Kuqa Section)	Transport	PRC	150.0 197.0 188.0 59.0	ADB MOC-PRC China Dev Bank XUAR Government	Loan	2007	Ongoing	The road development project primarily upgrades the 296.5-kilometer (km) Korla-Kuqa section of the two-lane class II national highway (G314) to a four-lane tolled expressway. The project also rehabilitates three priority local roads totalling 193 km in Kuqa and Qiemo counties; improves operational efficiency of freight terminals in Urumqi; improves rural transport services; improves road safety; and enhances Xinjiang Communications Department's capacity.
28	CAREC Regional Road Corridor Improvement Project (Tajikistan Component)	Transport	TAJ	53.4 23.1	ADB TAJ Govt	Loan, Grant	2007	Ongoing	The \$79-million road corridor improvement project involves Tajikistan and the Kyrgyz Republic components. For Tajikistan, the project improves 120 kilometers of a two-lane road from Kyrgyz-Tajik border to Nimich, replaces 5 deteriorated bridges, repairs 4 bridges, and constructs 3 bridges; improves road maintenance programs; and rehabilitates the Karamik customs border post. ADB provides a loan and grant to finance the Tajikistan component of the project.
29	Road Maintenance Development Project - Loan/Grant	Transport	TAJ	4.0 2.0	EBRD ETC Fund	Loan, Grant	2007	Ongoing	The project aims to procure road maintenance equipment to be employed by the Ministry of Transport and Communications to carry out essential maintenance work on the road network of Tajikistan. Improved road maintenance will lower transport costs and assist in regional integration and social development. A \$4 million EBRD

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
									sovereign loan and an additional \$2 million cofinancing grant from the Early Transition Countries (ETC) Multi Donor Fund will be used to replace old equipment.
30	Rail Project of the Millennium Challenge Compact	Transport	MON	285.0	Millennium Challenge Corporation (US)	Grant	2007	Ongoing	The rail project is among the four projects of the United States' 5-year, \$285-million Millennium Challenge Compact with Mongolia, which aims to reduce poverty through economic growth. The project provides training and technical assistance to the Mongolian Railway Authority, assists in forming a company that will own and lease railway-related assets, and acquires these assets, such as 30 freight locomotives, 75 opentop wagons, and more.
31	Road Network Development Program - Project 1 ³	Transport	AZE	200.0 49.0	ADB AZE Government	Loan	2007	Ongoing	The first project of this road development program improves the southern road transport corridor and enhances management capacity of AzerRoadService Open Joint-Stock Company by: constructing a new 59-kilometer expressway between Masalli and Astara, rehabilitating local roads in the project area, installing a vehicle weighing station along the expressway, procuring road maintenance equipment, and project support and capacity building.
32	Road Network Development Project I (Bala Murghab to Leman)	Transport	AFG	176.0	ADB	Grant	2007	Ongoing	The project constructs a 143-kilometer road from Bala Murghab to Leman to increase mobility and supply of transport services, increase levels of services on critical road sections, and increase service life of the regional road network. The project also restructures the Ministry of Public Works and

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
									reforms its operational procedures.
33	North-South Corridor Project - Loan	Transport	AFG	78.2 22.7	ADB AFG Government	Loan	2006	Ongoing	The project rehabilitates the 140.3-kilometer (km) highway section from Mazar-e-Sharifa to Dara-i-Suf, and the 98.9 km Bamian-Yakawlang road, which comprise the north-south corridor connecting the ring road through central Afghanistan. The loan finances (i) civil works for the Mazar-e-Sharifa to Dara-i-Suf road; (ii) cross-border facilities (including gamma-ray scanner, computers with internet connection, solar panel, and other office equipment in the border point of Spin Boldak); and (iii) project management and monitoring.
34	North-South Corridor Project - Grant	Transport	AFG	40.0	ADB	Grant	2006	Ongoing	The project rehabilitates the 140.3-kilometer (km) highway section from Mazar-e-Sharifa to Dara-i-Suf, and the 98.9 km Bamian-Yakawlang road, which comprise the north-south corridor connecting the ring road through central Afghanistan. The grant finances (i) resettlement costs, (ii) civil works for the Bamian-Yakawlang road, (iii) campaigns to prevent HIV/AIDS and human trafficking, and (iv) incremental project management support.
35	Rehabilitation of Bamian- Yakawlang Road	Transport	AFG	20.0	ADB	Grant	2006	Ongoing	The grant finances the rehabilitation of Afghanistan's national highway sections from Bamian to Yakawlang to connect central remote regions to the ring road. The project is under the North-South Corridor Project which also covers the improvement of highway sections from Mazar-e-Sharif to Dara-I-

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
									Suf, provision of cross-border facilities at Hairatan and Spin Boldak, and improvement of public awareness on HIV/AIDS.
36	Second Highway Project	Transport	AZE	200.0 64.9	World Bank AZE Government	Loan	2006	Ongoing	The objective of project is to reduce road transport costs and improve access, transit, and road safety within Azerbaijan's East-West and North-South corridors, through upgrading some sections of the Alat-Masalli road of the Baku-Iran highway (M3) and rehabilitating the Baku-Shamakhi road (M4). It also provides technical assistance and to strengthen the transport ministry and the Road Transport Service Department and its road maintenance capacity and project implementation.
37	East-West Highway Improvement Project	Transport, Trade Facilitation	AZE	62.0 10.4 11.0 19.8	ADB IsDB Saudi Fund AZE Government	Loan	2005	Ongoing	The project improves 127 kilometers (km) of the two-lane paved road on the sections of Yevlakh-Ganja and Qazakh-Georgian border of Azerbaijan, and 10 local roads totaling about 65 km in the project area. The project's outcomes include increased traffic and improved quality and efficiency of transport on the east-west highway and selected local roads. The project covers six rayons (Agstafa, Ganja, Goranboy, Khanlar, Qazakh, and Yevlakh) in west Azerbaijan.
38	Inner Mongolia Highway and Trade Corridor Project	Transport, Trade Facilitation	PRC	100.0 162.7	World Bank PRC Government	Loan	2005	Ongoing	The project's main objective is to sustain and promote the development of cross-border trade between the People's Republic of China, the Russian Federation, and Mongolia by improving transport infrastructure and logistics. Its components are (i) expansion of the Hailar-

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
									Manzhouli Highway, (ii) rehabilitation of border roads for trade, (iii) cargo transfer terminal and trade facilitation program, (iv) institutional strengthening and training in trade logistics planning, trade promotion, cargo terminal management, project management, environmental monitoring, and supervision of highway construction.
39	Dushanbe-Kyrgyz Border Road Rehabilitation Project (Phase II) - Loan	Transport	TAJ	30.0 9.5	ADB TAJ Government	Loan	2005	Ongoing	The project aims to (i) improve 89 km of the central and border sections of the Dushanbe-Kyrgyz border road and 60 km of rural roads, (ii) have a sustainable road network, (iii) strengthen institutional capacity of the Ministry of Transport, (iv) improve governance in the ministry through institutional strengthening of its Accounting Department and internal auditing function, and (v) improve road safety through strengthening of the Transport Safety and Security Unit.
40	Dushanbe-Kyrgyz Border Road Rehabilitation Project (Phase II) - Grant	Transport	TAJ	20.0 5.0	ADB TAJ Government	Grant	2005	Ongoing	The project, which improves 89 kilometers of the central and border sections of the Dushanbe-Kyrgyz border road and 60 km of rural roads, has an HIV/AIDS and migration component. ADB provides a \$500,000 grant to develop an integrated, community-based, gender-responsive approach to HIV/AIDS and STI prevention in the contractor's campsites and in the corridor of influence. This component will be implemented by the Ministry of Health's National HIV/AIDS Center.

									Andkhoy road, improving to an asphalt-paved standard. It also finances installation of road tolling facilities, HIV/AIDS prevention and anti-human trafficking awareness activities, construction supervision and monitoring, and incremental project management to promote socioeconomic development.
42	Baku to Samur	Transport	AZE	100.0	EBRD	Loan	2005	Ongoing	The project upgrades and rehabilitates a 60-kilometer road section from Sumgait to Zarat, which is on the main north-south route from Baku to Samur (at the Russian border). The project also assists transition in the roads sector by creating 4 to 6 regional maintenance units (RMUs), establishing a "service level agreement" between RMUs and the in-house road maintenance suppliers, and strengthening the role of the Roads Advisory Board.
43	Construction of the Terminal of Kabul International Airport	Transport	AFG	34.5	Government of Japan	Grant	2005	Completed	The project aims to construct a new terminal west of the current one to serve exclusively for international flights. It also aims to improve the flow of passengers and goods through the airport as well as its passenger services. The terminal is designed to enable strict immigration control by utilizing the existing terminal exclusively for demostic flights.

Amount

(\$ million)

55.0

Funding Agency

ADB

Country

AFG

Funding

Type

Grant

Year

2005

Status

Ongoing

Brief Description of Project

The grant finances rehabilitation of the Qaisar-Bala Murghab section (90 km) of the Herat-

for domestic flights.

Project Title

Qaisar-Bala Murghab Road

Project

41

Sector

Transport

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
44	Emergency Transport Rehabilitation Project (Supplemental Grant)	Transport	AFG	45.0	World Bank	Grant	2005	Completed	The project aims to facilitate Afghanistan's economic and social recovery through improved physical access to goods, markets, and administrative and social services. The project includes (i) removing key transport bottlenecks; (ii) building capacity in management, implementation, and maintenance of transport services and works; and (iii) assisting in the establishment of an institutional and policy framework for the sector for sustainable service delivery. The grant is given because of a considerable funding shortfall due to higher costs o f works contracts in Afghanistan and high de-mining and security-related expenses.
45	Regional Road Development Project	Transport, Trade Facilitation	MON	37.1 23.9 1.5 15.6	ADB ROK Govt PRC Govt MON Govt	Loan	2004	Ongoing	The project develops the remaining section of 428 kilometers of Mongolia's northsouth road transport corridor between Choyr and the border with the People's Republic of China in Zamyn-Uud. The project also covers the implementation of a cross-border road transport facilitation plan, road safety improvement, implementation of an area development program, and an awareness and prevention of HIV/AIDS and human trafficking on the northsouth road corridor.

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
46	Andkhoy-Qaisar Road Project	Transport	AFG	80.0	ADB	Loan	2004	Ongoing	The loan finances the rehabilitation and reconstruction of the 210-kilometer Andkhoy-Qaisar road in Afghanistan; improving it to an asphalt-paved standard. It also finances installation of road tolling facilities in three phases: (i) first phase the Kabul-Kandahar-Spin Boldak corridor; (ii) second phase the northern roads currently being rehabilitated under the Emergency Infrastructure Rehabilitation and Reconstruction Project, and (iii) third phase the project road.
47	TSA Air Fleet Upgrade Project	Transport	TAJ	6.7	EBRD	Loan	2004	Completed	The project aims to support Tajikistan State Air Company (TSA) by financing the company's pre-operation costs (technical support contract, modification work, cost for inspection and validation of certificates, registration cost, security deposits and other preparatory costs) in connection with TSA's leasing of two western aircraft. It also hires an aviation consultant for the Project Implementation Unit.
48	Southern Transport Corridor Road Rehabilitation Project	Transport	KGZ	32.8 4.0 6.6	ADB OPEC Fund KGZ Government	Loan	2004	Completed	To promote economic growth and poverty reduction in the Kyrgyz Republic, the project rehabilitates a section of the Osh-Sary Tash-Irkeshtam road, which will extend to the Bishkek-Osh corridor further into the southern region of the Kyrgyz Republic and neighboring Uzbekistan and the People's Republic of China.
49	Regional Airports Rehabilitation Project Phase I	Transport	AFG	30.0 0.1 2.0	ADB AFG Govt UNOPS	Loan	2004	Ongoing	The project aims to rehabilitate seven airports, provide human resource development packages to strengthen capacity of the Ministry of Civil Aviation and Tourism staff for sector

-	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
									management and airport operations and maintenance, provide assistance to engage a postconstruction operations assistance team, hire a consultant team to implement the project, and provide administrative support.
50	Tashguzar-Kumkurgan New Railway Construction Project	Transport	UZB		JBIC	Loan	2004	Ongoing	The project involves the construction of a new 222-kilometer (km) railway line between Tashguzar and Kumkurgan, and the rehabilitation of the existing 31-km line in southern Uzbekistan. It also involves construction of bridges, signal and communication facilities, and procurement of equipment for construction and maintenance of tracks.
51	Silk Road Project	Transport	AZE	29.2	EBRD	Loan	2004	Ongoing	The road project involves the reconstruction of an 85-kilometer section of road from Gazzi Mamed to Kyurdamir, together with assistance with road sector restructuring. The project will be undertaken by the Road Transport Services Department.
52	Silk Road (Hajigabul-Kyurdamir Road Section)	Transport	AZE	41.0	EBRD	Loan	2004	Completed	The loan finances the reconstruction of the 85-kilometer section of the Silk Road (also part of the multidonor-financed East-West Highway Improvement Project) from Hajigabul to Kyurdamir in Azerbaijan.
53	Emergency Road Rehabilitation Project	Transport	AFG	20.0	ADB	Grant	2003	Ongoing	The grant cofinances the civil works under the road rehabilitation component of the Emergency Infrastructure Reconstruction and Rehabilitation Project in Afghanistan. This includes rehabilitation and reconstruction of 112-kilometer (km) Khulum-Naibabad-Mazar Sharif-Balkh

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
									section of the primary national road (ring road) and includes the 55 km Naibabad-Hairatan road link to Uzbekistan.
54	Dushanbe-Kyrgyz Border Road Rehabilitation Project (Phase I)	Transport	TAJ	15.0 6.0 2.6	ADB OPEC Fund TAJ Government	Loan	2003	Ongoing	The project rehabilitates 140 kilometers (km) of the Dushanbe-Nurobod section of the transport corridor linking Tajikistan to the Kyrgyz Republic and onward to the People's Republic of China, as well as 77 km of rural roads serving poor villages. It aims to reduce transport costs, improve access to markets, and promote regional trade and cooperation.
55	Reconstruction of Ujar-Yevlakh Road	Transport	AZE		OPEC Fund	Loan	2003	Completed	The loan finances the reconstruction of the single carriageway, two-lane highway from Ujar to Yevlakh east junction in Azerbaijan.
56	Road Sector Restructuring (Atyrau-Aktau) - Loan	Transport	KAZ	119.0 124.0	EBRD KAZ Govt	Loan	2003	Completed	The project aims to reconstruct the existing pavement of some 300 kilometers (km) of badly deteriorated section of the 900 km road between Atyrau and Aktau, and further pave 300 km of unpaved section. The loan finances this road rehabilitation which will improve road access between the main port of Aktau and the regional center of Atyrau.
57	Road Sector Restructuring (Atyrau-Aktau) - Grant	Transport	KAZ		EU-TACIS	Grant	2003	Completed	The project aims to reconstruct the existing pavement of some 300 kilometers (km) of badly deteriorated section of the 900 km road between Atyrau and Aktau, and further pave 300 km of unpaved section. The grant finances consultants to assist the Committee on Roads and Infrastructure Development in preparing the project feasibility study and preliminary engineering designs and costs.

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
58	Emergency Infrastructure Rehabilitation and Reconstruction Project	Transport	AFG	153.0	ADB	Loan	2003	Completed	The \$150 million project aims to help the Afghan government rehabilitate and reconstruct key infrastructure in the transport and energy sectors that was damaged during two decades of conflict and neglect. Its road infrastructure component covers repair and rehabilitation of the Pule Khumri-Mazar Sharif-Sheberghan-Andkhoy section of the ring road (392 km), including the link to Uzbekistan (Naibabad-Hairatan road, 55 km).
59	Emergency Transport Rehabilitation Project	Transport	AFG	153.0 15.7 5.1	World Bank AFG Government other agencies	Loan	2003	Completed	The project aims to facilitate Afghanistan's economic and social recovery through improved physical access to goods, markets, and administrative and social services. The project includes (i) removing key transport bottlenecks; (ii) building capacity in management, implementation, and maintenance of transport services and works; and (iii) assisting in the establishment of an institutional and policy framework for the sector for sustainable service delivery.
60	Supply of Navigational Aid Equipment	Transport	KAZ, AZE		TRACECA	Loan	2003	Completed	The project aims to improve and promote the Baku-Turkmenbashi and Baku-Aktau ferry connections by improving the navigational capabilities of the three ports, supply navigation equipment to these ports, improve shipping safety by installing distress and safety equipment, and protect the environment from the results of shipping disasters.

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
61	Supply of Oil Tank Wagons to Azerbaijan Railways	Transport	AZE		EU-TACIS	Loan	2002	Completed	The project involves delivery of oil tank wagons to the Azeri State Railways. The wagons are required to transport various petroleum products, thus, they are designed to maximize the capacity availability. The trains are generally loaded and operated with up to 3,600 tons gross trailing weight.
62	Reconstruction of Kandahar-Spin Boldak Road	Transport	AFG		Kuwait Fund, CIDA, AFG Government	Grant	2002	Ongoing	Started as a road improvement project, the 61.4-kilometer section of the 103.4-km Kandahar-Spin Boldak road in southeastern Afghanistan undergoes full reconstruction. This includes (i) strengthening and reconstructing the road base in deteriorated sections; (ii) rehabilitating drainage structures; (iii) providing a resealing overlay; and (iv) reconstructing and widening of shoulders. This project is only one of the six components of the Road Employment Project for Settlement and Integration of Returning Refugees and Displaced Persons.
63	Third Xinjiang Highway Project	Transport	PRC	120.0 188.9	World Bank PRC Government	Loan	2002	Completed	The project aims to improve transport infrastructure and sector governance in Xinjiang Uygur Autonomous Region. The components include (i) constructing a 4-lane expressway and two lanes in the Kuitun-SailimuHu Highway, and upgrading the existing two lane roads to class 1 or 2 standard; (ii) connecting primary local roads and townships to the provincial and national highway system; and, (iii) strengthen institutional capacity, by providing training assistance, and specialized equipment, to address sector

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
									issues.
64	Inner Mongolia Highway Project	Transport	PRC		WB, PRC Government	Loan	2002	Completed	The project will construct the approximately 90-kilometer Laoyemiao-Jining highway as part of the National Trunk Highway Network and a section within the east-west corridor of Inner Mongolia, connecting the cities of Baotou, Hohhot, and Jining. It will also include (i) a highway network improvement program for poor areas; (ii) a highway safety program, including installation of traffic safety facilities; and (iii) institutional strengthening and training on project preparation, road maintenance programs, and engineering research.
65	Atyrau Airport Project	Transport	KAZ	24.5	EBRD	Loan	2001	Ongoing	The project involves the rehabilitation of the main runway and associated investments to improve operations at the Atyrau airport. It also provides assistance to Atyrau Airport Company to improve its financial management as well as helps the Ministry of Transport and Communications with the legal and regulatory environment of air transport in Kazakhstan.
66	Locomotive Re-Powering Project	Transport	UZB	68.0	EBRD	Loan	2001	Ongoing	As part of the railway industry reform and modernization program, the project proposes to re-power diesel-electric locomotives, including the installation of new diesel engines, main alternators, cooler groups etc. The supplier of re-powering kits will supervise the installation program in Tashkent. The project will reduce fuel consumption, operating and maintenance costs of diesel-electric locomotives, and will

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
									increase their reliability and improve environmental performance.
67	Third Road Rehabilitation Project	Transport	KGZ	40.0 10.0	ADB KGZ Government	Loan	2001	Completed	The project rehabilitates the 120-kilometer (km) Bishkek-Osh highway, improves 125 km of secondary roads in Jalal-Abad, provides consulting services for construction supervision and road maintenance practices, and procures routine maintenance equipment. The project aims to reduce transport cost on the Bishkek-Osh road and secondary roads, and improve access to markets, job opportunities, and social services.
68	Rehabilitation of the Rail Ferry Terminal at Aktau	Transport	KAZ		TRACECA	Loan	2001	Completed	The project carries out a number of renovations in the ferry terminal of Aktau. Among those that will be renovated are the central and finger piers, pier access road, ramp/tower supports, two linkspans, machinery, and tower superstructures.
69	TSA Air Navigation Systems	Transport	TAJ	5.5 2.0	EBRD JFPCS & JECF	Loan, Grant	2001	Ongoing	The project aims to replace ageing equipment for air navigation services, implement reform of the aviation sector in Tajikistan, and support corporate restructuring of Tajikistan State Air.
70	Highway Project	Transport	AZE	40.0 1.5 6.5	World Bank EU-TACIS AZE Government	Loan	2001	Completed	The project has three components: the reconstruction and upgrading of the 94-kilometer portion of the East-West Highway - from Ganja to Gazakh; institutional strengthening of the national road administration Azyol; and administrative support in the form of payroll costs, office equipment, and incremental operating costs.

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
71	Rehabilitation of the Shkev-Zigar Road	Transport	TAJ		OPEC Fund, Kuwait Fund, Saudi Fund	Loan	2001	Ongoing	The project involves rehabilitation of the 38.5-km Shkev-Zigar road, located in the Gorno-Badkhsan Oblast in the southwestern portion of Tajikistan. The road will be re-surfaced to all-weather bitumen standard, with a 7-meter wide carriageway and 2.5-meter shoulders on both sides, and drainage works installed. Eight bridges in lengths varying from 12 to 66 meters will also be constructed.
72	Transport Development Project	Transport	MON	6.7 34.0 8.4	NDF Grant World Bank MON Govt	Loan, Grant	2001	Completed	The project aims to improve accessibility to the isolated and remote central and western regions of Mongolia. Its components are (i) road reconstruction from Erdenesant to Arvaikheer, upgrade from Arvaikheer to Khovd, and improvement from Kharkorin to Tosontsengel; (ii) technical assistance and training provision to support the advisory Road Board, complemented by a grant from Sweden to train the Department of Roads personnel in contract management; (iii) implementation of a system of registration and inspection of road vehicles; (iv) supply of road maintenance equipment; and (v) technical assistance to establish the railway financial accounting system.
73	Almaty-Bishkek Regional Road Rehabilitation Project (Kazakhstan Component)	Transport, Trade Facilitation	KAZ	77.0 25.0 0.4 22.0	ADB EBRD TRACECA KAZ Govt	Loan	2000	Completed	The project rehabilitates about 204 kilometers (km) of the Almaty-Bishkek in Kazakhstan, a component of the 245 km road transport link for movement of people, goods, and vehicles between Almaty and Bishkek and across the Kazakh/Kyrgyz (Akzhol-Chu) border at Georgievka. It also modernizes

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
									border control policies and procedures, upgrades cross-border facilities, improves coordination and management of road safety, and introduces an efficient road maintenance system.
74	Western Kazakhstan Road Network Rehabilitation Project	Transport	KAZ		JBIC	Loan	2000	Ongoing	The loan provides funds for the civil works and consulting services necessary to rehabilitate the 950-kilometer portion of the Western Kazakhstan Road. The three most degraded sections of the road are: (i) Aryrau - Uralsk (total length: about 492km); (ii) Kostanai Oblast Border - Karabutak (249km); and (iii) Karabutak - Aktyubinsk (213km).
75	Road Rehabilitation Project	Transport	TAJ	20.0 4.0 2.8	ADB OPEC Fund TAJ Govt	Loan	2000	Completed	The loan supports Tajikistan's Road Rehabilitation Project which includes the rehabilitation of approximately 80 kilometers (km) of the Dushanbe-Khulyab road, improvement of around 150 km of rural roads, procurement of equipment, consulting services, and training in contract and pavement management systems.
76	Almaty-Bishkek Regional Road Rehabilitation Project (Kyrgyz Republic Component)	Transport	KGZ	20.0 1.3	ADB TRACECA, KGZ Government	Loan	2000	Completed	The project rehabilitates about 41 kilometers (km) of the Almaty-Bishkek in the Kyrgyz Republic, a component of the 245 km road transport link for movement of people, goods, and vehicles between Almaty and Bishkek and across the Kazakh/Kyrgyz (Akzhol-Chu) border at Georgievka. It also modernizes border control policies and procedures, upgrades crossborder facilities, improves coordination and management of road safety, and introduces an efficient road maintenance system.

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
77	Railway Modernization Project - Loan	Transport	UZB	70.0 5.0 80.0	ADB OPEC Fund UZB Govt	Loan	2000	Completed	The project rehabilitates 341 kilometers of railway track on the Samarkand-Bukhara-Khodjadavlet route and parts of the second line between Djizzak and Samarkand; provides modern equipment for track laying and efficient maintenance of railway tracks; installs fiber optic telecommunications systems; computerizes financial accounting systems; provides human resources development; and establishes Small Business Fund.
78	Supply of an Optical Cable System for Communication and Signalling	Transport	AZE		TRACECA	Loan	2000	Completed	The project involves the supply, installation, and testing of an optical cable for communication between 133 stations and signalling of railway tracks in Azerbaijan, Georgia, and Armenia. It also includes training of each country's railways staff and technical supervision of related works.
79	Baku Port Development	Transport, Trade Facilitation	AZE		EBRD	Loan	1999	Completed	The project aims to improve structures and equipment at the Baku Port's ferry terminal, restructure its organization, and review tariff structures. It helps the port to become autonomous and profitable and improve trade facilitation by increasing the efficiency of the port and Caspian Shipping Company and reviewing legal and regulatory networks.
80	KTZ Track Maintenance and Commercialization Project - Loan/Grant	Transport	KAZ		EBRD, EU- TACIS, USTDA, KAZ Government, EBRD (Grant)	Loan, Grant, Technical Assistance	1999	Completed	The project aims to introduce improved track maintenance methods and improve labor productivity through workforce downsizing of Kazakhstan Temir Zholy (KTZ), the national railway company. Track maintenance will be done on the Almaty-Astana line. The loan and grant from EBRD will finance track

	Project Title	Sector	Country	Amount	Funding Agency	Funding	Year	Status	Brief Description of Project
	Project fille	Jectoi	Country	(\$ million)	i unumy Agency	Type	i cai	Status	one bescription of Froject
									maintenance equipment and severance payment/training expenses.
81	Trans-Caucasian Rail Link Project	Transport	AZE		EBRD, EU- TACIS (Grant)	Loan, Grant	1999	Completed	The project aims to improve the Azeri section of the trans-Caucasian rail link, which is the main international transit route between Baku and the Georgian ports. It also does major repairs to a washing station and introduces measures to corporatize the Azerbaijan State Railways.
82	Second Roads Development	Transport	MON		ADB, MON Government	Loan	1999	Completed	The loan supports the project to upgrade the road traversing the towns of Nalaih, Maant, and Choir in Mongolia's Tov and Gobisumber provinces. The road is part of the north-south road link that connects Ulaanbaatar to the Russian Federation and the People's Republic of China.
83	Uzbek Railways Freight Traction Renewal and Management Project	Transport	UZB		EBRD	Loan	1999	Completed	The main objectives of the project are to support the modernization and restructuring of the railways in Uzbekistan in response to the changing market demands; and assist in financing the most urgent investment needs. The project will have a positive impact on commercialization and market efficiency, trade facilitation and market expansion, and transfer of skills.

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
84	Khoujand Airport	Transport	TAJ		EBRD, JECF & JFPCS (Grant)	Loan, Grant	1999	Completed	The project will help maintain the economic link between Tajikistan's north and south by keeping Khoujand Airport open. It will include preparations for a rationalization of the Tajikistan State Air Company and the air navigation sector through a technical cooperation restructuring study, and develop technical cooperation for implementation and monitoring consultancy. The project will also cover emergency repairs for Khoujand Airport's runway.
85	Road Transport Restructuring Project	Transport	KAZ		WB	Loan	1999	Completed	The loan finances the project to increase the efficiency of roads and road transport subsectors in Kazakhstan. One of the five components involves rehabilitation of priority sections of national roads by funding civil works to repair road sections; reconstructing, relocating, or replacing bridges; and building a road bypass.
86	Astana Airport Reconstruction Project	Transport	KAZ		JBIC	Loan	1998	Completed	The project aims to improve the airport's function as an international airport. It civil works for extension and improvement of runways, taxiways, aircraft parking, perimeter roads and car parks, construction works for a new passenger terminal, a new air cargo terminal, and a new control tower, and improvement of air navigation facilities.
87	Improvement Of Alyat-Gazi Mohammed Road	Transport	AZE		Kuwait Fund	Loan	1998	Completed	The finances the improvement of the 46-kilometer Alyat-Gazi Mohammed road in Azerbaijan. It will be asphalted and will have multi-level interchanges, including drainage and safety facilities.

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-	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
88	Second Road Rehabilitation Project - Loan	Transport	KGZ		ADB, KGZ Government, OECF	Loan	1998	Completed	The project aims to rehabilitate about 208 kilometers (km) of the Bishkek-Osh road, including the 2.5 km Tyu Ashu tunnel. It will also provide consulting services for construction supervision, road maintenance and safety, and monitoring and evaluation. This project has an associated advisory technical assistance. The entire road runs through four of the country's six regions and serves almost half of the country's population.
89	Bishkek-Osh Road Rehabilitation Project	Transport	KGZ		OECF	Loan	1997	Completed	The loan finances the rehabilitation of the truck road connecting the cities of Bishkek, the capital of the republic, and Osh, the second largest city. These cities are separated by the Tien-shan range. Smoother traffic between two major cities, equivalent of Tokyo and Osaka in Japan, is expected to promote economic growth of Kyrgyz Republic.
90	Irtysh River Bridge Construction Project	Transport	KAZ		OECF	Loan	1997	Completed	The loan finances the construction of the Irtysh River bridge as well as the approach and access roads in the city of Semipalatinsk. The project aims to ensure the smooth and safe flow of traffic on a major trunk road, thereby contributing to the stimulation of the local economy.
91	Air Navigation Systems Upgrading	Transport	AZE		EBRD	Loan	1996	Completed	The project aims to improve aviation safety and efficiency, meet future increased traffic demand and help increase the hard currency earnings, and assist Azerbaijan Airlines in its institutional transformation into a commercially oriented company.

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
92	Three Local Airports Modernization Project	Transport	UZB		JBIC	Loan	1996	Completed	The project aims to improve the function and safety of three major airports (Samarkand, Bukhara and Urgench) as international airports. It involves upgrading and modernizing their facilities and thereby contributes to promote development of the nation's tourist industry, and contribute to acquisition of foreign currency and economic development in Uzbekistan.
93	Second Xinjiang Highway Project	Transport	PRC		WB, PRC Government, XUAR Government	Loan	1996	Completed	The scope of project includes (i) construction of the Urumqi-Kuitun Highway (UKH); (ii) construction, rehabilitation, and upgrading of linking roads to UKH interchanges; (iii) construction supervision of UKH and linking roads; (iv) a highway maintenance component; (v) equipment procurement; (vi) institutional strengthening and training of Xinjiang Communications Department staff and related agencies; vii) a highway safety component; and (viii) a strategic study of regional transport within Xinjiang and with neighboring provinces and countries.
94	Railway Passenger Transport Improvement Project	Transport	UZB		JBIC	Loan	1996	Completed	The project aims to maintain and improve passenger transport capacity. It involves construction of a railway passenger coach repair shop in Tashkent and purchase of new passenger coaches and spare parts.
95	Bishkek-Manas International Airport Modernization Project	Transport	KGZ		JBIC	Loan	1996	Completed	The project improves and modernizes the Manas International Airport in Bishkek, enhancing the safety of the airport as well as improving its functions as an international airport and contributing to the economic development of the

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
									country. It involves improvement of the runway, taxiways, aprons, and passenger facilities; provision of aviation support and lighting facilities as well as air traffic control facilities; and more.
96	Railway Transport Capacity Development Project	Transport	KAZ		JBIC	Loan	1995	Completed	The project expands a cargo transit facility, refurbishes certain sections of railway track, and other improvements.
97	Xinjiang Provincial Highway Project	Transport	PRC		WB, PRC Government, XUAR Government	Loan	1994	Completed	The project comprises the construction of the 283.3-kilometer (km) Turpan-Urumqi-Dahuangshan Highway (TUDH), improvement of 16 km of linking roads that interconnect with and feed traffic to TUDH at major intersections/interchanges, an institutional strengthening component to training and equipment for seven key agencies of Xinjiang's Communications Department, upgrading of the Region's highway maintenance capabilities, road safety measures; and a study of intercity and rural passenger transport.
TRADE F	ACILITATION								
1	Second Customs Reform and Trade Facilitation Project	Trade Facilitation	AFG	50.5	World Bank	Loan	2010	Ongoing	The objective of the Second Customs Reform and Trade Facilitation Project (SCRTFP) for Afghanistan is to improve the release of legitimate goods in a fair and efficient manner. The grant for the SCRTFP will help finance costs associated with: (i) countrywide computerization of customs clearance operations; (ii) installation of executive information systems for customs allowing real time monitoring of operations; (iii) development of possible options for cross border

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
									Customs-to-Customs (C2C) cooperation; (iv) provision of selected customs infrastructure to enable modernized operations; and (v) technical assistance to support the development of an adequate regulatory, administrative, and institutional framework for customs.
2	Emergency Customs Modernization and Trade Facilitation Project - Additional Financing	Trade Facilitation	AFG	6.8	World Bank	Grant	2009	Ongoing	The additional financing for the project aims to (i) provide Afghanistan with emergency assistance to establish a more efficient customs and transit regime, (ii) help increase the collecting capacity of the Afghanistan Customs Department (ACD) and other collection agencies, (iii) help decrease trade transaction costs through improvements in key customs and related transit infrastructure and communications, and in customs and transit administration; and (iv) assist in laying the basis for a functioning customs service and taking appropriate measures to facilitate its international trade.
3	Customs Development Project	Trade Facilitation	KAZ	18.5 43.5	World Bank KAZ Government	Loan	2007	Ongoing	The project aims to increase the efficiency, effectiveness and accountability of the Customs Control Committee (CCC) to (i) promote internationally acceptable practices for expeditious processing of international trade flows, integrating Kazakhstan into the world economy and improving its investment climate and competitiveness; (ii) improve taxpayer compliance with the Customs Code, thus, increasing revenue collection; (iii) and support transparency of customs operations reduce the potential

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
									for corruption and increase predictability for traders.
4	Customs Modernization Project	Trade Facilitation	MON	5.0 1.3 0.5	ADB MON Govt e-AKPF (Grant)	Loan, Grant	2006	Ongoing	The project migrates and upgrades Mongolia's customs automated data processing system (GAMAS); improves the country's infrastructure at major customs houses and customs border posts; and strengthens institutional capacity, which includes business process reengineering, capacity building, interagency coordination, regional cooperation, and public-private partnerships. The project aims to strengthen the institutional and human capacity of the Mongolian Customs General Administration in project implementation. The grant will (i) simplify and improve business processes, (ii) upgrade ICT skills of customs officers and personnel, (iii) improve coordination with related agencies, (iv) enhance partnership with the private sector, and (iv) promote deeper cooperation with customs of neighboring countries.
5	Regional Customs Modernization and Infrastructure Development Project (Kyrgyz Republic Component)	Trade Facilitation	KGZ	7.5	ADB	Loan	2004	Ongoing	The project continues the Asian Development Bank's support for customs reform and modernization of the Kyrgyz Republic and Tajikistan following the launch of the Regional Trade Facilitation and Customs Cooperation Program in 2002. It aims to develop a unified automated information system and customs border-post infrastructure.
6	Regional Customs Modernization and Infrastructure Development Project (Tajikistan Component)	Trade Facilitation	TAJ	10.7 2.7	ADB TAJ Govt	Loan	2004	Ongoing	The project continues the Asian Development Bank's support for customs reform and

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
									modernization of the Kyrgyz Republic and Tajikistan following the launch of the Regional Trade Facilitation and Customs Cooperation Program in 2002. It aims to develop a unified automated information system and customs border-post infrastructure.
7	Emergency Customs Modernization and Trade Facilitation Project	Trade Facilitation	AFG	31.0	World Bank	Loan	2003	Ongoing	The project aims to provide the Transitional Interim State of Afghanistan an emergency assistance to start establishing a more efficient customs and transit regime. To support the short-term goal of increasing the collecting capacity of customs and reducing corruption and smuggling, and the medium to long term goal of decreasing transaction costs to trade, the project will improve key customs and related transit infrastructure and communications, and the capacity for customs and transit administration.
8	Regional Trade Facilitation and Customs Cooperation Program (Kyrgyz Republic Component)	Trade Facilitation	KGZ	15.0	ADB	Loan	2002	Completed	The 5-year program is designed to better integrate the economies of the Kyrgyz Republic and Tajikistan into the world trading system by setting up a regional framework with an effective cooperation mechanism, providing critical funding for reform and modernization of their weak customs systems, and strengthening the legal and regulatory frameworks in conformity with international treaties and agreements.

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
9	Regional Trade Facilitation and Customs Cooperation Program (Tajikistan Component)	Trade Facilitation	TAJ	10.0	ADB	Loan	2002	Completed	The 5-year program is designed to better integrate the economies of the Kyrgyz Republic and Tajikistan into the world trading system by setting up a regional framework with an effective cooperation mechanism, providing critical funding for reform and modernization of their weak customs systems, and strengthening the legal and regulatory frameworks in conformity with international treaties and agreements.
ENERGY									
1	Regional Power Transmission Project	Energy	TAJ	122.0 19.0	ADB TAJ Govt	Grant	2010	Ongoing	The project targets the expansion and modernization of the electricity transmission network, which is a precondition to cutting system losses, improving energy efficiency, and facilitating energy trade with neighboring countries.
2	Janub Gas-Fired Power Plant Project	Energy	AZE	232.3 218.0 551.0	ADB IsDB CB		2010	Ongoing	The project will have an installed capacity of 780 megawatts and will cost €691 million, replacing the Shirvan Thermal Power Plant (TPP). This project is on a partial credit guarantee that will support a commercial bank loan to finance maintenance workshops, heavy fuel tanks, a treatment system, and laboratory equipment needed to complete the new plant and decommissioning Shirvan TPP.
3	Energy Emergency Recovery Assistance Project - Additional Financing	Energy	TAJ	15.0	World Bank	Grant	2010	Ongoing	The additional financing for the Energy Emergency Recovery Assistance Project (EERAP) will provide support to meet severe energy shortages. The EERAP will be restructured to address changed circumstances and the new challenges, and consequent needs to increase domestic power generation. The EERAP

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
									aims to (i) ensure basic access to electricity for about 250,000 people in northern Tajikistan, and (ii) increase heat and power supply to the entire country, without overdrawing or depleting hydro resources in winter.
4	Talimarjan Power Project (formerly CASAREM-Talimarjan Energy Development Project)	Energy	UZB	340.0 300.0 10.0	ADB JICA UZB Govt	Loan	2010	Ongoing	The project will build Central Asia's first 800-megawatt combined-cycle gas turbine (CCGT) power plant. This will expand the capacity of the Talimarjan Thermal Power Plant and improve management and operational capacity of the power utility. CCGT is the most efficient and cleanest option for Uzbekistan. It will improve power generation efficiency from 30% to over 50%, saving fuel and cutting carbon emissions by over 1 million tons of carbon dioxide equivalent per year. The project will cost \$1.28 billion.
5	Energy Sector Development Investment Program - Project 2 ⁵	Energy	AFG	81.5 5.0	ADB AFG Govt	Grant	2009	Ongoing	This project, the second tranche of the investment program, involves infrastructure rehabilitation and expansion of the Kabul distribution system, and capacity building of Da Afghanistan Breshan Sherkat (DABS, or Afghanistan Electricity Corporation). Urgent rehabilitation of the Kabul distribution system is needed to provide electricity coming from the North East Power System to more than 60,000 households, while at the same time strengthen DABS' capacity.

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
6	Energy Emergency Assistance Project - Additional Financing	Energy	KGZ	11.0	World Bank	Grant, Loan	2009	Ongoing	The additional financing will increase the volume and reliability of Kyrgyz Republic's energy supply, especially thermal power in the winter season, thereby supporting implementation of the Energy Emergency Mitigation Action Plan. It will help finance costs associated with (i) providing equipment, materials, and spare parts to increase thermal power generation and heat output at the Bishkek combined heat and power plant for the 2009-2010 winter; and (ii) corresponding scale-up of the support for project management.
7	Kazakhstan Moinak Electricity Transmission Project	Energy	KAZ	48.0 21.0	World Bank KAZ Govt	Loan	2009	Ongoing	The project aims to increase and improve the supply of electricity to business enterprises and households in southern Kazakhstan in an economically and environmentally sustainable manner. The project's three components are (i) construction of 220-kilovolt, single-circuit overhead transmission lines from Moinak Hydroelectric Power Plant to Shelek Substation; (ii) modernization of the substation; and (iii) provision of consulting and technical services.
8	Energy Sector Development Investment Program - Project 1 ⁵	Energy	AFG	176.0	ADB	Grant	2008	Ongoing	Project 1, first tranche of the multilateral financing facility of the investment program, includes rehabilitating distribution systems in the northern cities of Kunduz and Baghlan, constructing a new 220-kilovolt transmission line from Kunduz to Taloqan, small and mini hydropower plants in Badakhshan and Bamyan Provinces, and rehabilitating gas fields in Sheberghan.

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
9	Development of Mini Hydropower Plants in Badakhshan and Bamyan Provinces	Energy	AFG	12.0	ADB	Grant	2008	Ongoing	The project aims to improve the quality of rural life in Badakhshan and Bamyan provinces through the provision of electricity services supplied by mini hydropower plants with generating capacity below 1,000 kilowatts. Thus, there will be affordable and stable electricity, increased rural commercial activities from establishment of enterprises using electricity, increased employment opportunities, reduced indoor pollution caused by the use of indigenous sources of energy, and (v) capacity building in small hydropower development.
10	Energy Emergency Assistance Project	Energy	KGZ	5.5	World Bank	Grant, Loan	2008	Ongoing	The project aims to increase the volume and reliability of the national energy supply by supporting the implementation of the Kyrgyz Republic's Energy Emergency Mitigation Action Plan (EEMAP). Its two components are the rehabilitation of the electricity and heat systems, and project management and capacity-building and support implementation of EEMAP. An initial \$11-million funding was provided in 2008.
11	Nurek 500 kV Switchyard Reconstruction Project	Energy	TAJ	54.7 12.1	ADB TAJ Govt	Grant	2008	Ongoing	The project involves construction of a new 500-kilovolt switchyard connected to Tajikistan's national grid and Nurek hydroelectric power plant, and project management support, including consulting services for construction supervision, procurement, project monitoring, and evaluation.

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
12	Power Transmission Enhancement Project	Energy	AZE		80 (ADB), Azerenergy Open Joint- Stock Company	Loan	2008	Ongoing	The project constructs a double circuit 220-kilovolt (kV) transmission line with a total length of 280 kilometers between Mingechevir hydropower plant and the 500/330/220 kV Absheron substation to replace the existing 220 kV transmission lines. It also constructs a 220/110 kV substation at Agdash and expands Absheron substation. The new 220 kV transmission line will be at the same corridor of the existing old lines.
13	KEGOC Modernisation II Loan	Energy	KAZ	374.8	EBRD	Loan	2008	Ongoing	The project modernizes substations and high-voltage equipment of JSC "Kazakhstan Electricity Grid Operating Company (KEGOC) to ensure efficiency, reliability, and safety of Kazakhstan's national transmission system. It will enable KEGOC to ensure stability and reliability of the power system and equal access to the wholesale electricity market for both electricity producers and consumers.
14	Energy Emergency Recovery Assistance Project	Energy	TAJ	6.5	World Bank	Grant	2008	Ongoing	The project supports implementation of Tajikistan's Energy Emergency Mitigation Action Plan (EEMAP) and improvement of energy security in the country by rehabilitating electricity, gas, and heat systems. EEMAP's objectives are to (i) sustain thermal and heat energy supply in the shortest timeframe, (ii) initiate preparatory actions for the next two winters when the energy situation is to remain in deficit, and (iii) identify medium- and long-term actions to improve energy security.

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
	(Afghanistan Component)			4.0	AFG Govt				cost for consumers, and improves capacity of Afghanistan Electricity Authority. A 220-kilovolt double-circuit transmission line will be constructed, linking the hydropower stations on the Vakhsh River in Tajikistan to the border town of Sherkan Bandar; then to Kunduz, Baglan, and Pule-Khumri in Afghanistan.
16	Regional Power Transmission Interconnection Project (Tajikistan Component)	Energy	TAJ	31.5 8.5 10.0 14.0	ADB OPEC Fund IsDB Barki Tajik	Loan	2006	Ongoing	This component of the project increases power export and income-generating capacity of Tajikistan, and improves commercial operation of Barki Tajik. A 220-kilovolt double-circuit transmission line will be constructed, linking the hydropower stations on the Vakhsh River in Tajikistan to the border town of Sherkan Bandar; then to Kunduz, Baglan, and Pule-Khumri in Afghanistan.
17	North-South Electricity Transmission Project	Energy	KAZ	100.0 13.1 43.4 4.3	World Bank EBRD IES KAZ Govt	Loan	2005	Ongoing	The project involves construction of a 475-kilometer (km) 500-kilovolt (kV) single circuit overhead line from Ekibastuz to Agadyr, expansion of the existing 1,150/500 kV substation at Ekibastuz to accommodate the new 500 kV link with the Agadyr substation, expansion of the existing 500 kV substation at Agadyr to accommodate the new 500 kV link with the Ekibastuz and YuKGRES substations, and provision of consulting services.
18	KEGOC: Ekibastuz-YukGres Power Transmission	Energy	KAZ	87.8 100.0	EBRD World Bank	Loan	2005	Completed	The project finances the 475-kilometer (km) Ekibastuz-Agadyr second section and the 390 km Agadyr-YukGres third section of the 1,110 km, 500-kilovolt North-South electricity overhead transmission line. The objectives of the project are to address

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
									energy and peak supply deficits in South Kazakhstan, improve electricity transmission reliability, reduce transmission losses, and contribute to development of regional electricity trade in Central Asia.
19	Power Transmission and Distribution Project	Energy	AFG	23.5	ADB	Grant	2005	Ongoing	The project aims to improve power supply in the region north of Hindu Kush mountain, the region from the central Hindu Kush to Kabul and eastward, and the southern region by rehabilitating and extending power transmission and distribution systems. The distribution components of the project are financed by grant. These include construction and rehabilitation of substations and distribution networks, and provision of electrification kits.
20	Power Transmission and Distribution Project	Energy	AFG	26.5	ADB	Loan	2005	Ongoing	The project aims to improve power supply in the region north of Hindu Kush mountain, the region from the central Hindu Kush to Kabul and eastward, and the southern region by rehabilitating and extending power transmission and distribution systems. The transmission components of the project are financed by loan. These include construction of single and double circuit 110 to 220 kilovolt transmission lines.
21	KEGOC: North-South Power Transmission	Energy	KAZ	60.0 21.2	EBRD DBK	Loan	2003	Completed	The project finances the construction of 270-kilometer (km) YukGres-Shu first section of the new North-South 500 kilovolt electricity transmission line. The 1,110 km transmission line aims to address energy and peak supply deficits in South Kazakhstan, improve electricity transmission reliability, reduce

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
									transmission losses, and contribute to development of regional electricity trade in Central Asia.
22	Power Rehabilitation Project	Energy	TAJ	34.0 9.3 6.0 13.5	ADB IsDB GSWI Barki Tajik	Loan	2000	Completed	The project aims to improve the peoples' quality of life through increased availability of electricity, and assist in the postconflict economic recovery of Tajikistan. It has five components: (i) rehabilitation and improvement of power supply in Khatlon Region, (ii) rehabilitation of Nurek Hydropower Plant and associated transmission facilities, (iii) rehabilitation of two distribution substations in Dushanbe region, (iv) improvement of bulk metering for import and export of electricity, and (v) consulting services to Barki Tajik.
MULTIT	RANCHE FINANCING FACILITY								
1	MFF: CAREC Corridor 2 Road Investment Program	Transport	UZB	600.0 138.0	ADB UZB Govt	Loan	2010	Ongoing	The proposed investment program targets the Uzbekistan section of CAREC Corridor 2—the A380 highway, which connects Uzbekistan to Afghanistan, Kazakhstan, the Kyrgyz Republic, Tajikistan, and Turkmenistan. Another highway investment now under preparation in Kazakhstan (supported by the ADB) will connect Beyneu (a town on the border with Uzbekistan) with Uzbekistan's A380 highway and the port of Aktau in the Caspian Sea. The two highways, when completed, will provide Uzbekistan and other Central Asian countries direct access to

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
									corridors being built in Armenia, Azerbaijan, and Georgia). The investment program has strong links to CAREC Corridor 6, which reaches the so-called Ring Road in Afghanistan and thereafter the main ports in Pakistan and Iran.
2	MFF: CAREC Corridor I (Zhambyl Oblast Section)	Transport	KAZ	700.0 414.0 150.0 216.0	ADB IsDB JICA KAZ Govt	Loan	2008	Ongoing	The Investment Program caters for the improvement and expansion of the Western Europe—Western PRC International Transit Corridor. This runs from Khorgos at the border with the PRC, through Almaty and Shymkent, to the western border with the Russian Federation. This corridor is underpinned by road investments made in the PRC, Kyrgyz Republic, and Tajikistan. In this sense, the corridor is an integral part and flagship transaction under the Central Asia Regional Economic Cooperation (CAREC) program. Further, the corridor paves the way and justifies the development of the North—South Corridor which runs into Uzbekistan, Turkmenistan, Afghanistan, and Pakistan. Each of these corridors will be backed by work at the national level on rural access roads. The Investment Program earmarked for the three institutions and the Government is divided into three projects financed under three separate tranches. The first tranche under the ADB financing will have two major components: (i) road development, and (ii) road operations and maintenance.
3	MFF: Road Network Development Investment	Transport	AFG	400.0 150.0 400.0	ADB World Bank USAID	Grant	2008	Ongoing	This MFF finances a slice of a broad Investment Program over the medium term. It focuses on

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
	Program			300.0	AFG Govt				the national roads. This slice of the Investment Program combines physical investments with institutional changes. The physical part of the overall Investment Program involves constructing about 2,900 kilometers (km) of national roads and maintaining about 1,500 km of existing ones. This is to be done by 2013. The nonphysical part of the Investment Program includes the reorganization of MPW, the creation of a new agency to deal with national roads, the establishment of a maintenance facility, introduction of improved traffic safety procedures, and the execution of training programs to improve planning and project management.
4	MFF: Energy Sector Development Program	Energy	AFG	570.0 1762.0	ADB Other agencies	Grant	2008	Ongoing	The physical and nonphysical outputs will lead to a more reliable power system. Physical outputs include (i) rehabilitation, augmentation, and expansion of the North East Power System (NEPS); (ii) development of distribution systems for load centers supplied from NEPS; (iii) increased domestic generation capacity through new off-grid greenfield small and mini hydropower plants; and (iv) rehabilitation of gas fields. Off-grid rural electrification is based on renewable hydropower. Nonphysical outputs include (i) training for better system operation and maintenance; (ii) better planning, project management, and systems, including the introduction of a management information system; (iii) metering, billing, and

	Project Title	Sector	Country	Amount (\$ million)	Funding Agency	Funding Type	Year	Status	Brief Description of Project
									collection of tariffs; and (iv) thematic coverage, including gender mainstreaming and private sector development. The Investment Program will set up mechanisms of teams for monitoring and evaluation, reporting, and measuring results.
5	MFF: Road Network Development Program	Transport, Trade Facilitation	AZE	500.0 2861.0	ADB EBRD, AZE Government, IsDB and World Bank	Loan	2007	Ongoing	The program aims to have an adequate, efficient, safe, and sustainable road network, linking Azerbaijan domestically and internationally. Its outputs include an improved national road network and an effective and efficient management of the road network. The outputs are to be achieved from two components: (i) road infrastructure development, and (ii) road network management capacity development.

Note:

Projects with no cofinancing from CAREC MIs were excluded in the study

Projects approved earlier than 2000 were excluded in the study.

- 1 Trance Release under MFF-0042: CAREC Corridor 2 Road Investment Program
- 2 Tranche Releases under MFF-0024: CAREC Corridor I (Zhambyl Oblast Section)
- 3 Tranche Release under MFF-0025: Road Network Development Investment Program
- 4 Tranche Releases under MFF-0014: Road Network Development Program
- 5 Tranche Releases under MFF-0026: Energy Sector Development Program

CAREC Technical Assistance Projects (1996-2010)

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
CAREC PRIORITY AREAS							
Central Asia Regional Economic Cooperation (CAREC) Institute, 2009-2012	CAREC Priority Areas	CAREC	\$5 million (ADB)	2008	Ongoing	The technical assistance aims to have closer regional cooperation among CAREC participating countries through the CAREC Institute. The Institute will enhance the quality of regional cooperation by generating world-class knowledge resources to support regional infrastructure networks in the priority areas of transportation, trade, and energy, which will lead to greater capacities for regional cooperation and accelerated economic growth in Central Asia.	Expected outputs and current status are: (i) Effective functioning and consolidation of the CAREC Institute as a premier virtual institution in regional cooperation for (a) training and capacity development various meetings and training seminars supported in 2009-2010 including 1st & 2nd Executive Leadership Programs and Public Sector Management Short Courses; (b) research research grants (including 2nd round of small research grants) awarded and research work ongoing; and (c) dialogue to support the CAREC Program outreach activities supported in 2009; and (ii) Midterm independent performance review of the CAREC Institute assessment ongoing.
Strengthening Central Asia Regional Economic Cooperation, 2007-2011	CAREC Priority Areas	CAREC	\$8.0 million (ADB, including PRCF), \$0.4 million CAREC Countries (Shared)	2007	Ongoing	The technical assistance enables the CAREC Program to implement the comprehensive action plan and the sector strategies (transport, trade facilitation, trade policy, and energy). It also strengthens the collaborative approach to concept development design, and implementation of concrete projects and policy actions.	Expected outputs and current status are: (i) Improved functioning and impact of offices of CAREC national focal points support provided in the form of advisors & regional cooperation coordinators, sector strategies & action plans for priority areas prepared & endorsed; (ii)

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
							Establishment of the CAREC Institute prospectus for a virtual institute and work plan endorsed and training, research and outreach efforts ongoing; (iii) Organization and conduct of meetings under Overall Institutional Framework Senior Officials' Meetings, Ministerial Conferences, and sector coordinating meetings supported.
Development of Regional Cooperation Programs for Mongolia and the People's Republic of China	CAREC Priority Areas	MON, PRC	\$800,000 (ADB)	2006	Completed	The regional technical assistance aimed to enhance regional cooperation by fully realizing the growth potential of Mongolia and the People's Republic of China (PRC). Its key activities include (i) examining all relevant issues, identifying a road map, and formulating policy papers to integrate the transport network in various economic corridors; (ii) supporting energy cooperation between countries; (iii) expediting a joint processing pilot project between their customs authorities; (iv) facilitating the PRC's accession to the TIR, among others.	The Project outputs included: (i) a study on harmonizing the trade logistics development in a pair of border towns (Zamyn Uud of Mongolia and Erlian of PRC); (ii) a study on harmonizing transport planning between Mongolia and PRC; (iii) a study on the legal framework of Mongolia-PRC power trade; and (iv) support to pilot-test of Mongolia-PRC joint customs control and training of Mongolian customs officers.
Subregional Economic Cooperation in South and Central Asia (SECSCA) II	CAREC Priority Areas	CAREC	\$950,000 (ADB)	2006	Completed	The technical assistance sought to institutionalize among the Central and South Asia Transport and Trade Forum (CSATTF) member countries systematic approaches to improve transport and trade facilitation in the subregion. Outputs are strategy and action programs on transport infrastructure and services; customs and transit systems; antitrafficking, money laundering, and HIV/AIDS; and trade and investment.	The regional TA contributed significantly towards the development of CAREC's Transport and Trade Facilitation Strategy (TTFS), the Implementation Action Plan for the TTFS, and the Trade Policy Strategic Action Plan—by providing venues for their deliberation and finalization.

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
Capacity Development for Regional Cooperation in CAREC Participating Countries (Phase I)	CAREC Priority Areas	CAREC	\$490,000 (ADB), \$500,000 CAREC Countries (Shared)	2006	Completed	The technical assistance provided training programs for senior and mid-level officials of CAREC participating countries to acquire knowledge and skills to assess and support regional cooperation initiatives in transport, energy, and trade. The immediate objective of training activities was to develop human resource capacity through a series of training interventions.	More than 500 senior and mid-level government officials participated in training and knowledge sharing programs that exposed them to updated thinking on a range of practical development issues being considered by the CAREC Program and created focused interaction to examine common opportunities and challenges from a regional perspective. These officials included CAREC national and sector focal points that play critical roles in advancing the CAREC Program, and in identifying and implementing concrete regional programs and initiatives. Outputs under the Small Research Grants Program were completed under the TA. The studies generated new knowledge and recommendations to support more effective regional cooperation in Central Asia.
Greater Silk Road Initiative 2006	CAREC Priority Areas	CAREC	\$985,000 (ADB), \$65,000 CAREC Countries (Shared)	2005	Completed	The targeted outputs of the technical assistance were: policy and strategic guidance provided by the Ministerial Conference (MC) and Senior Officials' Meetings (SOMs); program and analytical works on regional cooperation, including a comprehensive action plan and performance indicators; engagement of the private sector; and dissemination of knowledge and information on CAREC activities.	The Comprehensive Action Plan (CAP) was a major output of the RETA. It constitutes a milestone in the CAREC Program and marks the transition to a results-oriented Program with tangible targets and outputs. The RETA also made a significant contribution to the strengthening of the

Title	Sector	Countries	Amount and	Year	Status	Brief Description of Project	Outputs of Completed
			Funding Agency				Projects / Status of Activities of Ongoing Projects
							overall institutional framework (OIF) by providing the foundation for effective results in regional cooperation, and establishing trust and mutual understanding through CAREC partnerships.
Capacity Building for Regional Cooperation under the CAREC Program	CAREC Priority Areas	CAREC	\$400,000 (ADB), \$50,000 CAREC Countries (Shared)	2005	Completed	The technical assistance aimed to further strengthen the capacity of national focal points (NFPs) to assume greater roles and responsibilities in planning, implementing, and coordinating the CAREC Program. It sought to develop policy-making and strategic management skills of NFPs, draw lessons from experience of other regional cooperation programs, coordinate regional initiatives at the country level, and develop research networks in support of the decision-making process.	Learning programs and networking activities conducted under the RETA exposed government officials to the GMS experience with regional cooperation, enabled consideration and discussion of various approaches to regional cooperation, and enabled interaction with international experts on CAREC priority sectors. Some 300 senior government officials, private sector representatives, and other stakeholders participated in activities conducted under the RETA, expanding awareness of regional cooperation issues and improving the ability of CAREC national focal points and other senior officials to plan and implement CAREC work.

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects The 4th Ministerial Conference laid the
Greater Silk Road Initiative 2005	CAREC Priority Areas	CAREC	\$900,000 (ADB), \$100,000 CAREC Countries (Shared)	2004	Completed	Under the technical assistance, the activities to strengthen the CAREC program included forums for continued dialogue among member countries and multilateral institutions; sector road maps and new regional projects in priority areas; analytical studies on regional cooperation; strong and effective constituencies for regional cooperation; and expanded networks for information exchange and dissemination.	foundation for development of the CAP that guides the work of the CAREC Program. The RETA also supported efforts related to the inclusion of Afghanistan as a CAREC participating country. Support for sector committees enabled discussion of sector road maps, which have since developed into sector strategies for the Program. A Transport and Trade Facilitation Strategy was adopted at the 6th MC; trade policy and energy strategies were also developed under the RETA. The Regional Business Roundtable highlighted the need to enhance representation of the private sector in regional cooperation activities, and laid the foundation for a CAREC Business Development Forum.
Capacity Building for Regional Cooperation in Central Asia	CAREC Priority Areas	CAREC	\$950,000 (ADB), \$50,000 CAREC Countries (Shared)	2003	Completed	The technical assistance aimed to strengthen the regional cooperation capacity so that participating countries can assume greater roles and responsibilities in planning, implementing, and coordinating the CAREC program. Expected outputs were a capacity-building assessment plan; enhancement of understanding on regional cooperation at a higher level and policy-making capacity; and studies, training, and other knowledge management activities.	The main outputs of the RETA were a strong OIF supported by a functional office of the NFP in CAREC countries and enhanced understanding of regional cooperation at the policymaking and operational levels. These outputs were supported by RETA activities, including the development, adoption, and

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
							implementation of a capacity building plan; the provision of support to the office of the NFPs; highlevel outreach activities; and the sharing of experience and knowledge among CAREC countries through a variety of seminars, workshops and forums.
Greater Silk Road Initiative	CAREC Priority Areas	CAREC	\$950,000 (ADB)	2002	Completed	The technical assistance sought to elevate efforts to identify, prepare, and implement key regional projects in priority sectors (trade, transport, and energy); explore new cooperation opportunities in line with the widening of the geographical scope of the CAREC Program; and strengthen the partnership between ADB and the participating countries through the Program's overall institutional framework.	The RETA provided major financial support for the successful conduct of high-level CAREC meetings, i.e. Senior Officials' Meetings and Ministerial Conferences. The RETA also financed some sector-specific activities. A further significant outcome of the RETA was the expansion of CAREC's geographic scope to include Afghanistan as a full participant in the Program.
Regional Economic Cooperation in Central Asia (Phase II, Year Three)	CAREC Priority Areas	CAREC	\$950,000 (ADB)	2001	Completed	The technical assistance aimed to establish working groups to coordinate preparation of priority road and rail projects, conduct a sector study on customs reforms and cooperation and a comprehensive review of impediments to investment in the region, support a regional energy workshop, support the establishment of an overall institutional framework, and analyze potential participation of Turkmenistan in regional economic cooperation.	The TA provided support to CAREC activities in the priority areas of transport, trade facilitation, and energy. The Transport Sector Coordinating Committee and the Customs Cooperation Committee were convened and committee meetings were financed by the RETA. Trade and trade facilitation reviews were undertaken and country reports prepared. A gas sector study was undertaken and a report prepared. Further, the

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
Regional Economic Cooperation in Central Asia (Phase II, Year Two)	CAREC Priority Areas	CAREC	\$420,000 (ADB)	2000	Completed	The technical assistance sought to strengthen the institutional mechanisms for regional cooperation, enhance and systematize policy dialogue and consensus building toward project implementation, integrate Azerbaijan into the regional cooperation framework, and strengthen coordination of external agencies' efforts.	potential of Turkmenistan for regional economic cooperation was assessed. In the area of environment, a study was conducted and a report prepared on developing a strategy for enhancing environmental management in Central Asia. The RETA financed a number of high-level CAREC meetings, including the Senior Officials' Meetings, the Ministerial Conference, and the meeting of the CAREC NFPs. Finally, the TA financed the preparation of an interim CAP for CAREC. To enhance institutional arrangements and systematize policy dialogue and consensus building, the RETA supported the first and second Ministerial Conferences on CAREC. A detailed customs sector study was undertaken. In addition, the RETA supported a study on the potential of Azerbaijan for regional cooperation and its possible integration into the CAREC Program. The CAREC website (as part of the external ADB site) was also developed.

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
Regional Economic Cooperation in Central Asia (Phase II)	CAREC Priority Areas	CAREC	\$1.35 million (ADB)	1998	Completed	The technical assistance supported the second phase of ADB's initiative to further trade and regional cooperation in Central Asia through: continued policy dialogues, workshops and seminars to strengthen public institutions, and preliminary analysis of previously identified infrastructure investments to identify and prioritize projects.	The RETA financed several country and regional meetings. Detailed sectoral studies were also completed, including studies on the transport sector, electric energy, trade cooperation among the Central Asian republics (CARs), and trade cooperation between PRC and the CARs. The study on the potential of regional cooperation for Tajikistan was also completed.
Workshops on Regional Economic Cooperation in Central Asia	CAREC Priority Areas	CAREC	\$344,000 (ADB)	1997	Completed	The technical assistance sought to help CAREC countries develop, through a series of workshops, a consensus on a set of activities to encourage cross-border trade and traffic and, thereby, enhance regional economic cooperation. These workshops were to review the recommendations for project investment and technical assistance made under the Phase I technical assistance, and plan follow up activities; and bring together public and private sector representatives to discuss policy issues on existing impediments to cross-border trade and traffic.	Four technical workshops covering the areas of transportation, energy, and cross border trade were conducted under the RETA. Proposals for investment and technical assistance under the initial phase of the regional economic cooperation initiative were reviewed. Government and private sector representatives also jointly discussed cross-cutting issues concerning infrastructure financing, including the potential for private sector financing. As a result of these workshops, issues that needed to be tackled in the Phase II RETA were identified and draft TORs for subsequent prefeasibility sector studies were prepared. A number of published and unpublished workshop reports and an information

Appendix 4

TRANSPORT							
Railway Development Study - Supplementary	Transport	AFG	\$700,000 (ADB)	2010	Ongoing	The technical assistance will produce a study on railway development in the northern part of Afghanistan, with advice and recommendations for the Government's consideration. The study has technical, social, environmental, financial, and economic assessments for two major routes: (i) from Hairatan at the border with Uzbekistan to Herat in the west via Mazar-e-Sharif, and (ii) from Shirkhan Bendar at the border with Tajikistan via Kunduz to Naibabad joining Mazar-e-Sharif to Herat.	The following TA Reports were completed by the consultant: 1. Draft Technical Feasibility Report for Hairatan to Mazar-e-Sharif Railway Project, Appraisal Report, Vol 1 (Technical Feasibility Report), Vol 2 (Bill of Quantities), EAR/IEE, and Detailed Drawings; 2. Phase I Final Report: Vol 1 (Technical Feasibility Report), Vol 2 (Supplementary Reports), Vol 3 (IEE), Vol 4 (Short land acquisition and resettlement plan (LARP)), and Vol 5 (Drawings); 3. Phase II Final Report for Herat to Sherkhan Bandar Railway Line, Vol 1 (Pre-Feasibility Report), Vol 2 (Supplementary ReportsEngineering Analysis, Economic Analysis, Financial Projections, Institutional Development, IEE, Detailed Social and Poverty Analysis). Phase III has been added to the scope of work to include 2 more routes: Jalalbad to Torkham and Kandahar to Spinboldak.

Title

Sector

Countries

Amount and

Funding Agency

Year

Status

Brief Description of Project

Outputs of Completed Projects / Status of Activities of Ongoing Projects

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
Regional Transport Development Project	Transport	MON	\$1.2 million (ADB), \$300,000 (GMON)	2009	Ongoing	The technical assistance aims to support the development of Mongolia's aviation and logistics subsectors. Among its outcomes are project designs for the second phase of the Western Regional Road Project, a logistics facility in Ulaanbaatar, and a development plan for civil aviation.	The expected output of the TA is a consultant's report that will (i) prepare a project loan for the 2nd phase of the Western Regional Road Project, (ii) prepare a project loan for developing a logistics facility in Ulaanbaatar, and (iii) conduct a comprehensive review of the civil aviations sector and prepare a sector development plan. Consultants have been selected and services have commenced.
Inner Mongolia Road Development	Transport	PRC	\$600,000(ADB), \$150,000 (GPRC)	2009	Ongoing	The TA shall produce a mutually agreeable project design and scope, schedule, and implementation plan that is justified by the Project's expected merits, ensures that the Project's benefits are commensurate with its costs, and that the Project supports the PRC's and the ADB's development strategies. It will (i) validate the feasibility studies; (ii) conduct the economic and financial analyses; (iii) in cooperation with the EA, determine areas where the TA will support the Inner Mongolia road sector and enhance the benefits delivered by the proposed project road; and (iv) ensure that the EA adheres to ADB's 2009Safeguard Policy Statement covering environmental, resettlement, and ethnic minority issues during project planning and preparation.	The impact of the proposed Project would be a more efficient and sustainable regional transport network leading to improved regional trade and cooperation, improved economic opportunities, better access to healthcare, education, and other social services for local residents, and enhanced economic growth by facilitating the further development of the area's natural resources and tourism potential.
Aktau-Beineu Road Project	Transport	KAZ	\$600,000 (ADB) \$150,000 (GKAZ)	2009	Ongoing	The technical assistance project is linked to the government's transport sector strategy to improve and expand the road network over the medium term. The project will (i) review the engineering design, technical standards, alignment, and procurement documentation, following ADB guidelines and policies; (ii) recommend sub-components to help distribute project benefits to the poor; and (iii) assist the	The expected outputs are a feasibility study, including relevant assessments, and a project design. Consultants have been engaged and implementation is ongoing. The draft

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
						executing agency with public consultations and socioeconomic surveys to ensure that local residents' needs are incorporated in the project design.	feasibility study is being reviewed. The initial environmental examination and the land acquisition and resettlement plan are being drafted.
CAREC Corridor 2 Road Investment Program - Technical Assistance	Transport	UZB	\$900,000 (ADB), \$200,000 (GUZB)	2009	Ongoing	The technical assistance will design the Investment Program, which involves (i) reconstruction of 222-kilometer Uzbekistan section of CAREC Corridor 2 Road that is part of the A380 highway, (ii) strengthening of transport logistics, and (iii) improvement of road sustainability. It will also prepare a feasibility study for the tranche 1 project. The main impact of the technical assistance will be an integrated, efficient, and safe road network in Uzbekistan and improved regional connectivity.	Due diligence reports on the Investment Program, including a road sector analysis, sector roadmap, policy framework, investment plan, financing plan, safeguards framework, and a design and monitoring framework have been completed. Due diligence reports for tranche 1 project has also been completed. The contract term for consultants was extended to coincide with the Project's completion date to enable them to conduct further due diligence for the scheduled tranche 2 and 3 projects.
Road Database Development Using Geographic Information System	Transport	MON	\$500,000 (ADB), \$100,000 (GMON)	2009	Ongoing	The technical assistance will produce (i) a geographic information system (GIS)-based road database providing real-time information about road conditions to the Government and road users, (ii) a data center and web server, and (iii) a policy note and technical papers for strengthening the institutional capacity of the Department of Roads for road asset management.	A policy note for deployment of the Intelligent Transport System (ITS) and guidance on institutional improvements for the road asset management system have been prepared. Other activities are ongoing.

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
Railway Development Study	Transport	AFG	\$1.2 million (ADB), \$60,000 (GAFG)	2009	Ongoing	The technical assistance will produce a study on railway development in the northern part of Afghanistan, with advice and recommendations for the Government's consideration. The study has technical, social, environmental, financial, and economic assessments for two major routes: (i) from Hairatan at the border with Uzbekistan to Herat in the west via Mazar-e-Sharif, and (ii) from Shirkhan Bendar at the border with Tajikistan via Kunduz to Naibabad joining Mazar-e-Sharif to Herat.	The following TA Reports were completed by the consultant: 1. Draft Technical Feasibility Report for Hairatan to Mazar-e-Sharif Railway Project, Appraisal Report, Vol 1 (Technical Feasibility Report), Vol 2 (Bill of Quantities), EAR/IEE, and Detailed Drawings; 2. Phase I Final Report: Vol 1 (Technical Feasibility Report), Vol 2 (Supplementary Reports), Vol 3 (IEE), Vol 4 (Short land acquisition and resettlement plan (LARP)), and Vol 5 (Drawings); 3. Phase II Final Report for Herat to Sherkhan Bandar Railway Line, Vol 1 (Pre-Feasibility Report), Vol 2 (Supplementary ReportsEngineering Analysis, Economic Analysis, Financial Projections, Institutional Development, IEE, Detailed Social and Poverty Analysis). Phase III has been added to the scope of work to include 2 more routes: Jalalbad to Torkham and Kandahar to Spinboldak.

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
Training of Civil Aviation Administration and the Personnel Involved in the Air Transportation	Transport	UZB, TAJ, KGZ, KAZ, AZE	€2 million (TRACECA)	2009	Ongoing	The overall objective of the project is to enable safer, more reliable, secure and efficient air transport in CIS countries with emphasis on the TRACECA corridor and thus foster the integration of the region into the world economy. The specific objective of this project will be the strengthening of the capabilities in the civil aviation sector, mainly with regard to aircrafts and its operational, maintenance, flight and crew staff.	The main activities of the projects will be: (i) Indepth review of the existing situation concerning the regulatory framework, skills, training facilities and programs, applied curricula and advanced training as well as trainer/multiplier qualification; (ii) Training needs assessment; (iii) Curricula development with a strong regional focus respectively approach; (iv) Strengthening of training institutes; (v) Training of trainers/multipliers; (vi) Study tour; (vii) Training of classroom, simulator and on-the-job training instructors; (viii) Recommendations for advancement of the relevant legal framework in each country; (ix) Assistance for implementation of safety management systems at airports; and (x) Regional Working Group and dissemination meetings. Implementation of activities is ongoing.
Motorways of the Sea for the Black Sea and Caspian Sea	Transport, Trade Facilitation	KAZ, AZE	€2.45 million (TRACECA)	2009	Ongoing	The overall objective is to facilitate trade and transport along the corridor Europe-Black Sea region-Caucasus-Central Asia through improved interoperability and multimodal transport on the Black Sea and the Caspian Sea. It specifically aims to promote the "Motorways of the Sea" concept in Azerbaijan, Georgia, Kazakhstan, Turkmenistan, and Ukraine to support efficient intermodal freight transport connecting these neighboring	Four main outputs are expected: (i) Extensive review and analysis of transport systems in beneficiary countries; (ii) Awareness rising to promote economic potential of intermodal logistics chain (case demonstrations, exchange

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
						countries.	of best practices, training) and related recommendations; (iii) Short and Medium term Road Map: Pilot projects to be identified and selected with beneficiary countries; and (iv) Pre-feasibility or feasibility studies for selected projects, including impact assessments and financing options. Project activities are ongoing.
South-West Corridor Road Project - Technical Assistance	Transport	KAZ	\$180.0 million (Loan) (EBRD), \$1.5 million (Technical Assistance) (JECF)	2008	Ongoing	The technical assistance aims to assist Kazakhstan with the preparation of a public-private partnership (PPP) concept paper and subsequent transaction advisory services for a pilot PPP project preparation. This is for the rehabilitation and upgrading project of the 102-kilometer road section between the Russian border and the city of Aktobe, a road section is part of the Western Europe-Western China transit corridor.	N.A.
Urban Transport Development Project	Transport	MON	\$1.2 million (ADB), \$0.2 million (GMON)	2008	Ongoing	The technical assistance aims to improve Ulaanbaatar's urban transport infrastructure and management. This will result in an efficient movement of people, goods, and services, while reducing negative externalities of congestion, accidents and pollution. Among the technical assistance's outputs are strategic and sustainable urban transport, rapid transit scoping and prefeasibility study, and central area sustainable transport.	Expected outputs are: (i) Analysis of the city master and development plans, financing requirements, and institutional capacity; (ii) Technical, financial, economic, and environmental assessment of the project components; (iii) Assessment of project design requirements; (iv) Strategic urban transport development and investment program, and institutional capacity building and training program; (v) Participatory plan assessment; (vi)

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
							Training workshops; and (vii) Knowledge and Product Services on urban transport systems and management. A draft final report has been prepared by consultants.
Preparing the Railways Sector Development Program	Transport	AZE	\$1.00 million (ADB), \$0.25 million (GAZE)	2008	Ongoing	The impact of the program is enhanced railway transport services in Azerbaijan in support of the country's economic and social development as well as increased regional trade. The technical assistance proposes a multitranche financing facility and related information such as the sector road map, strategy context, and policy framework; and prepares a feasibility study and related due diligence and preliminary/detailed design for the components of tranche 1 project.	Consultant's interim report was submitted in November 2009. However, the AZE government agreed with ADB to terminate the contract and close the TA as the scope for the Multitranche Financing Facility and the tranche 1 project could not be decided within 2009.
Preparing the Regional Logistics Development Project	Transport	MON	\$400,000 (ADB), \$100,000 (GMON)	2008	Ongoing	The technical assistance aims to promote an efficient, competitive, reliable, and environmentally friendly multimodal transport network in Mongolia. Expected outputs include a strategy to develop multimodal transport and a project design for developing a multimodal transport facility at Zamyn Uud.	The TA has two components: component 1 produces a national strategy for promoting multimodal transport in Mongolia, and component 2 determines the scope of the project loan for developing a multimodal facility at Zamyn Uud. Implementation is ongoing; draft final report for component 1 has been completed.
Strengthening of Transport Training Capacity in NIS countries	Transport	UZB, TAJ, KGZ, KAZ, AZE	€2 million (TRACECA)	2008	Ongoing	The overall objective of the project is to contribute to the training of well qualified and competent staff regarding the development of sustainable transport infrastructure and modern transport services in the TRACECA countries is improved. These countries are the newly independent states (NIS) of the former Soviet Union.	Ongoing activities include: (i) completion of and training on curricula and course contents on transport planning techniques and tools; investment appraisal; pedagogical skills, teaching methods and curricula development

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects methods; multimodal transport and
							methods; multimodal transport and interoperability, (ii) organization of regional and national training measures; and (iii) feasibility study for the establishment and implementation of a network of regional connections for advanced transport training in the TRACECA region.
Preparing the CAREC Transport Corridor I (Zhambyl Oblast Section) Project (Supplementary)	Transport	KAZ	\$150,000 (ADB), \$150,000 Supplementary (ADB), \$50,000 (GKAZ)	2008	Completed	The additional technical assistance budget provides for early mobilization of an individual international procurement specialist to assist the Ministry of Transport and Communications, the project's executing agency, in procuring civil works and recruiting consulting services for the project. The project involves the construction of a regional highway in Zhambyl Oblast connecting Almaty and Shymkent.	The TA prepared a feasibility study, including required due diligence technical and other assessment reports. The expansion of the TA scope produced additional deliverables, including the draft prequalification documents, invitation for bidding and bidding documents for civil works packages, and the draft request for proposal for consultants.
Preparing the CAREC Transport Corridor I (Zhambyl Oblast Section) Project	Transport	KAZ	\$150,000 (ADB), \$150,000 Supplementary (ADB), \$50,000 (GKAZ)	2008	Completed	The technical assistance supports the investment program to reduce vehicle operating costs, travel time, and traffic accident rate of domestic, regional, and transit traffic of regional highway in Zhambyl Oblast connecting Almaty and Shymkent. It also prepares a technical, social, and environmental feasibility study for a regional highway in Zhombyl Oblast.	

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
CAREC Transport Corridor I (Bishkek-Torugart Road)	Transport	KGZ	\$150,000 (ADB), \$10,000 (GKGZ)	2008	Completed	The project aims to have an improved international road corridor from Bishkek to Torugart in the border of Kyrgyz Republic and the People's Republic of China. The technical assistance undertakes feasibility of this project; recommends improvement options for the project road; prepares project costing and financing plan; and undertakes due diligence on social (resettlement, indigenous people) and environmental safeguard issues.	The TA produced a feasibility study, including required due diligence reports on poverty, social and environmental assessments.
CAREC Transport Sector Strategy Study (Supplementary)	Transport	CAREC	\$950,000 (ADB), \$325,000 Supplementary (ADB)	2008	Completed	The supplementary technical assistance budget was to support the preparation of the CAREC Transport and Trade Facilitation Strategy Report and the Action Plan. This budget is a result of the growing need felt among all CAREC participating countries and the Asian Development Bank to consolidate transport and trade facilitation strategy reports into one document because of the strong interlinkage between transport and trade facilitation.	These expected outputs were successfully delivered: (i) an analytical overview of CAREC regional transport networks and cross-border arrangements, and (ii) a CAREC transport strategy for the next 10 years.
Preparing the CAREC Transport Corridor III (Dushanbe-Uzbekistan Border Road) Project	Transport, Trade Facilitation	TAJ	\$650,000 (ADB), \$150,000 (GTAJ)	2008	Completed	The technical assistance was to prepare a project design to rehabilitate and expand the Dushanbe-Tursunzade-Uzbekistan border road into an integrated and efficient road transport link. The proposed project is envisaged to rehabilitate 66 kilometers of the road connecting Dushanbe and Uzbekistan border, and upgrade cross border infrastructure and facilities at Bratsvo border post; completing improvements to the remaining missing link of CAREC III corridor in Tajikistan.	The TA has been completed, including project design & scope, feasibility study, and bidding documents. Coordination with EBRD on possible co-financing is ongoing.
Road Maintenance Development Project - Technical Assistance	Transport	TAJ	€500,000 (Technical assistance) (ETC Fund), \$2 million (Grant) (ETC Fund), \$4 million (Loan) (EBRD)	2007	Ongoing	Supporting the Road Maintenance Development Project, the ETC Fund provides technical cooperation funds to assist with procurement of equipment, other aspects of project implementation, and development of a road management maintenance plan. The project aims to help Tajikistan achieve sustainable road maintenance on the	N.A.

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
						country's road network.	
Aktau Port Development, Master Plan, and Feasibility Study for Port of Aktau in Kazakhstan	Transport	KAZ	€1.6 million (TRACECA)	2007	Completed	The overall objective of the project is to make the comprehensive independent evaluation of the Aktau port future prospects. Expected outputs are traffic forecasts for 2010, 2015 and 2020; a phased master plan for the port development up to 2020; a feasibility study of short- and medium-term development; a proposal of legal and institutional strengthening of the port; and a consolidated corporative plan Aktau International Maritime Trade Port.	Completed masterplan and feasibility study are posted on the TRACECA project page. Information on other outputs not available.
Xinjiang Urban Transport and Environmental Improvement Project	Transport	PRC	\$700,000 (ADB), \$200,000 (GPRC)	2007	Completed	The technical assistance assisted the Xinjiang Uygur Autonomous Region government to prepare the Xinjiang Urban Transport and Environmental Improvement Project. The proposed project will enhance public infrastructure, increase environmental protection, raise the living standards by improving local road networks and traffic management, facilitate the provision of associated utility services, and improve access for emergency services in the five cities.	Expected outputs have been completed, including: (i) Analysis of Xinjiang's 11th 5-year development plan, project cities' masterplans and current 5-year development plans, their financing requirements, and institutional capacities; (ii) Technical, environmental, economic, financial and social appraisal of the 5 project components; (iii) Institutional capacity building plan; (iv) Participatory plan assessment; and (v) training workshops.
Training of Operational Air Transport Staff of South Ring States	Transport	UZB, TAJ, KGZ, KAZ, AZE	€2.5 million (TRACECA)	2007	Completed	The project aimed to enhance the movement of air transport passengers between the European Union and South Ring countries. It will strengthen the capabilities of air traffic control (ATC) staff in the civil aviation sector	Following were the main activities/outputs: (i) Review and analysis of current situation in the beneficiary countries in

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
						through institutional and training needs analysis, provision of technical assistance and training for the staff, among others.	terms of ATC operations and training; (ii) Training courses Training course for Managers, English training course, ATC Instructors training courses, Air Traffic Controller training courses; (iii) Safety workshops; and (iv) Study tours.
Transport Sector Master Plan	Transport	TAJ	\$600,000 (ADB), \$140,000 (GTAJ)	2007	Completed	The technical assistance aimed to develop a transport sector master plan for 2008-2025 in Tajikistan, which would serve as a key government document guiding policies and investments in the transport sector. The plan would long-term strategic priorities, reform, investments, and required resources for the transport sector, in line with the country's development strategy.	The final TA report prepared by the consultants was found acceptable by ADB and the Government. However, the draft transport sector master plan (with recommended policy and institutional reforms and proposed investments) has yet to be endorsed by the Government.
Cross Border Agreement among the Kyrgyz Republic, People's Republic of China, and Tajikistan	Transport, Trade Facilitation	PRC, KGZ, TAJ	\$500,000 (ADB), \$50,000 (GKGZ)	2007	Ongoing	The technical assistance helps improve access to markets and social services in the Kyrgyz Republic, People's Republic of China, and Tajikistan. Divided into two phases, Phase I involves the preparation of a crossborder agreement trade (CBTA) between the Kyrgyz Republic and Tajikistan, and Phase II covers the preparation of a CBTA among the three CAREC countries. This technical assistance is attached to the CAREC Regional Road Corridor Improvement Project.	ADB with Tajikistan and Kyrgyz governments organized two negotiation meetings in 2009 to discuss the draft CBTA. PRC officials were not able to attend due to schedule conflict. The third negotiation meeting on 30 November - 4 December 2009 discussed the revised CBTA with the draft annexes and protocols. There will be two additional negotiation meetings in 2010 to finalize the CBTA.

Appendix 4

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
Development of Coordinated National Transport Policies	Transport, Trade Facilitation	UZB, TAJ, KGZ, KAZ	€2 million (TRACECA)	2007	Completed	The overall objective of the project was to support the transition process to a market economy through strengthening international trade and improving the movement of goods and persons at lower cost, including cross border.	The main achievements of the Project included: (i) a Transport Sector Analysis covering an in-depth review of the transport situation and related issues in the four TRACECA member countries, a report on transport legislation, screening report for logistics centers, and a report on the current status of PPP in CA countries; (ii) development and implementation of plans for legislative action towards coordinated national transport policies; and (iii) conduct of regional training and awareness seminars, study tours, and establishment of a project website (www.centralasiatransport.com).
Preparing the Regional Infrastructure (Roads) Project	Transport	UZB	\$300,000 (ADB), \$130,000 (GUZB)	2006	Completed	The technical assistance prepared a feasibility study for the proposed road project that connects Uzbekistan and Kazakhstan, which is part of Asian Highway AH-63 and European Highway EH-40. It also prepared project implementation arrangements and financing plan for ADB assistance. The road rehabilitation project sees a reduction in vehicle operating costs and travel time of the domestic, regional, and transit traffic.	The design and feasibility study for a regional road project suitable for financing was agreed upon by ADB and the Uzbekistan government. The technical, economic, social and environmental feasibility and preliminary design for selected project roads were incorporated in the investment project.
Feasibility Study for the Sary- Tash Road	Transport	KGZ	€1.75 million (TRACECA)	2006	Completed	The technical assistance project was to draft a feasibility study for rehabilitation of the road intended to show the viability of the project, and to prepare the final draft and tender documentation for rehabilitation of the road	Following were the outputs: (i) Feasibility study report with 15 technical annexes; (ii) Tender documents; (iii) Seminar on the feasibility

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
						linking the Tajik border and Sary-Tash.	study; (iv) Financial management assessment report; and (v) Detailed design.
CAREC Transport Sector Strategy Study	Transport	CAREC	\$950,000 (ADB), \$325,000 Supplementary (ADB)	2006	Completed	The technical assistance was to formulate a CAREC transport sector strategy that will guide CAREC cooperation activities to develop an efficient regional transport network for optimal integration of the region internally and with the rest of the world. It has two outputs which will be done in two phases: an analytical overview of CAREC regional transport networks and cross-border arrangements in Phase 1, and a CAREC transport sector strategy in Phase 2.	These expected outputs were successfully delivered: (i) an analytical overview of CAREC regional transport networks and crossborder arrangements, and (ii) a CAREC transport strategy for the next 10 years.
Road Rehabilitation and Capacity Building Cluster	Transport	AFG	\$2.7 million (ADB), \$120,000 (GAFG)	2006	Ongoing	The technical assistance prepares a series of road improvement projects that will support the road improvement programs prioritized by the road master plan. It also strengthens the capacity of the Ministry of Public Works and the Ministry of Transport for project management and procurement and regulation of road transport services.	The TA has completed all three project components: (i) the project preparation component to prepare road rehabilitation projects viable under established engineering, economic, social, and environmental perspectives; (ii) the Ministry of Public Works capacity-building component that established a project management and procurement unit within the Ministry, developed project management and procurement manuals, and formulated training courses for developing human resources; and (iii) a Ministry of Transport capacity-building component that will strengthen the capacity of MOT to carry out its regulatory functions for road transport services.

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
Preparing the Western Regional Road Development Project	Transport	MON	\$650,000 (ADB), \$115,000 (GMON)	2006	Completed	The technical assistance helped Mongolia prepare a feasibility study and preliminary design of the Western Regional Road Development Project, strengthening transport links with the People's Republic of China and the Russian Federation. It was implemented in two phases; phase 2 was subjected to the satisfactory outcome of phase I and implemented to complete the preliminary design of a loan project suitable for an Asian Development Bank financing.	Phase 1 output was a report on the economic viability of the project, including benefits, impacts, assumptions, and risks. Phase 2 output was a preliminary design of the project.
Dushanbe-Kyrgyz Border Road Rehabilitation Project (Phase III)	Transport	TAJ	\$650,000 (ADB), \$120,000 (GTAJ)	2006	Completed	The technical assistance prepared a feasibility study and a preliminary design to rehabilitate the 121-kilometer section of the road from Km 217 (Nimich, the Tajikabad Junction) to Km 338 (Tajikistan-Kyrgyzstan border), the remaining section between Dushanbe and the Kyrgyz Republic border. Selected rural road projects totalling about 100 km are also covered.	The outputs included a feasibility study, with the required technical assessments, and a design for the project.
Xinjiang Regional Road Improvement Project	Transport	PRC	\$600,000 (ADB), \$150,000 (GPRC)	2006	Completed	The proposed project involves improvement of about 296.5-kilometer road between Korle-Kuche section of the G314 Highway, improvement of associated local roads, and cross-border facilitation. The technical assistance assisted the executing agency prepare this project in upgrading the Korle-Kuche section to a 4-lane expressway, and review road issues and provide the basis for strengthening the ongoing policy dialogue with the government.	The outputs included a feasibility study, with the required technical assessments, and a design for the project.
Maintenance of Regional Road Transport Corridors Project	Transport	KGZ, TAJ	\$500,000 (ADB), \$150,000 (GKGZ)	2006	Completed	The technical assistance aimed to have more efficient regional and national road networks. Among its outputs are the preparation of a project that carries out periodic road maintenance and implementing measures to improve safety on Kyrgyz Republic's roads belonging to regional transport corridors; and a maintenance program for regional transport corridors in the Kyrgyz Republic and Tajikistan.	The outputs included a feasibility study, with the required technical assessments, and a design for the project.

Title	Sector	Countries	Amount and	Year	Status	Brief Description of Project	Outputs of Completed
			Funding Agency				Projects / Status of Activities of Ongoing Projects
Southern Road Corridor Improvement Project (Supplementary)	Transport, Trade Facilitation	AZE	\$700,000 (ADB), \$430,000 Supplementary (ADB), \$175,000 (GAZE)	2006	Completed	A supplementary technical budget is approved because of a major change in scope by allowing additional 11.5 person-months of consulting services. The total budget has increased by \$430,000 from \$700,000 to \$1,130,000.	Two reports were produced - the first covering the original scope of the TA (the corridor between Masalli and Astara, which is approximately 57 km), and the second covering a next phase (new motorway from the Iranian border north for 58 kilometers in Azerbaijan).
Facilitation of Transport Cooperation among Central Asia Regional Economic Cooperation Countries (Phase I)	Transport	CAREC	\$650,000 (ADB)	2005	Completed	The technical assistance facilitates transport cooperation among CAREC countries to achieve sustainable and inclusive economic development in the region through the Transport Sector Coordinating Committee, and prepares prefeasibility studies to develop three regional transport corridors: Bishkek-Torugart-Kashi road linking the Kyrgyz Republic and the People's Republic of China, Oybek-Pungan road in Tajikistan, and Angren-Gulistan road in Uzbekistan.	The pre-feasibility study report prepared under the TA covered the engineering, economic, environmental, social, poverty, and cross-border assessments of the three selected roads: (i) the Bishkek-Torugart road, (ii) the Angren–Gulistan road, and (iii) the Dushanbe–Tursunzade road. The findings of the pre-feasibility study provided a good basis for preparing investment projects and formulating ADB's assistance program for the transport sector in CAREC region. With support from the regional TA, CAREC's Transport Sector Coordinating Committee (TSCC) became an effective mechanism for planning, coordinating and monitoring transport cooperation activities among CAREC countries. The most important output achieved by TSCC was the development of the

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
Capacity Building for Road Sector Institutions	Transport	AFG	\$1.00 million (ADB), \$0.04 million (GAFG)	2005	Completed	The technical assistance aimed to strengthen the capacity of the Ministry of Public Works to (i) develop a road database; collect, store, and retrieve road information; and carry out road surveys; and (ii) operate a material testing laboratory equipped with appropriate testing equipment and carry out material testing to ensure the quality of road works.	CAREC Regional Transport and Trade Facilitation Strategy (TTFS) and the Implementation Action Plan for the TTFS. The Strategy identifies six major corridors in the CAREC region and the Implementation Action Plan prioritizes 127 investment and technical assistance projects with a total amount of about \$21 billion for improving these six corridors during 2008– 2017. The expected TA outputs were (i) curricula for road database management and quality control for road works; (ii) training courses for road database management and quality control for road works; (iii) upgraded testing equipments in the material testing laboratory; (iv) improved financial management systems and procedures including financial management manuals, and (v) improved construction practices through technical audit manuals and methodologies. These were partially achieved.
Transport Sector Strategy (2006-2020)	Transport	UZB	\$600,000 (ADB), \$165,000 (GUZB)	2005	Completed	The technical assistance helped the Uzbekistan government prepare a transport sector strategy that will have guiding policies and investment in the transport sector (2006-2020). It also supported enterprise reforms and restructuring of transport enterprises, and assessed opportunities to promote good	The consultants thoroughly conducted a detailed assessment of all modes of transport and were able to identify strategic priorities and resources for sector

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
						governance in operation and procedures to enhance efficiency and achieve financial self-sufficiency.	development, and operational needs for the short, medium, and long term in line with the government's objectives. Four outcome indicators were developed comprising sector phased-plans and sector road maps prepared, strategic development priorities identified in the transport sector, recommendations developed for transport sector policy reforms, action plan specified for improving private sector participation in the transport sector development, and resources identified for implementing the transport strategy.
Maritime Training - Azerbaijan, Georgia, Kazakhstan, Turkmenistan, Ukraine	Transport	KAZ, AZE	€2 million (TRACECA)	2005	Completed	The project aimed to contribute to shipping safety, prevention of marine pollution, environmental awareness, and capacity building of maritime institutions in the TRACECA region. It addressed improved maritime training and strengthened maritime training institutions in accordance with requirements of conventions, resolutions, and recommendations of the International Maritime Organisation and European Union standards.	The planned outputs were: (i) training needs analysis in the field of maritime training; (ii) curricula for tailor-made training courses; (iii) identified needs for individual maritime training institutions; (iv) training for lecturers, instructors, and trainers; and (v) advice on institutional strengthening of concerned training institutes. These outputs were delivered, with focus on provision of training, elaboration of new training material, and deepening cooperation among regional training institutes.

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
Prefeasibility Study of the Western Regional Road Corridor Development	Transport	MON	\$150,000 (ADB)	2005	Completed	A prefeasibility study is prepared to tackle transport issues and help achieve the sector performance indicators in ADB's country strategy and program for Mongolia. The road project is envisaged to provide economic benefits to local communities and improve its access to education and health services, especially for the poor and ethnic minorities in the provinces of Bayan-Olgiy, Hovd, and Uvs.	The TA produced a prefeasibility study that tackled major transport issues as well as environmental assessment.
Implementation of the Corporate Plan of the Road Transport Services Department	Transport	AZE	€400,000 (EBRD)	2005	Completed	The technical cooperation of EBRD provides support in the implementation of the corporate plan of Azerbaijan's Road Transport Services Department.	N.A.
Capacity Strengthening of the Civil Aviation Sector	Transport	AFG	\$1 million (ADB), \$40,000 (GAFG)	2005	Completed	The technical assistance helped to upgrade the air safety oversight and improve financial governance of airport operations in Afghanistan. It aimed to strengthen the capacity of the Ministry of Transport and Civil Aviation (MOTCA) to oversee air safety and maintain its financial management system that is developed to enhance financial governance of airport operations.	The TA undertook an indepth study of the existing financial system covering international and regional airports in Afghanistan, provided a realistic scenario of the current financial situation in MOTCA, identified inadequacies in the system that was not at par with commercial accounting standards, and proposed major reforms. The TA delivered the required outputs relating to air safety regulatory framework. The final air safety documents were prepared and sufficient baseline surveys were conducted with a concise phasing plan for implementation purposes.
Rehabilitation of Hajigabul Highway (Rehabilitation of Azerbaijan Highways)	Transport	AZE	€2 million (TRACECA)	2005	Completed	The objectives of the project are to improve national and international transport and trade links, strengthen capabilities in road construction and maintenance through transfer of know-how, and support the catch	N.A.

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
						up of road maintenance backlog.	
Southern Road Corridor Improvement Project (Alyat- Astara Road)	Transport, Trade Facilitation	AZE	\$700,000 (ADB), \$430,000 Supplementary (ADB), \$175,000 (GAZE)	2005	Completed	The project aimed to improve the Masalli-Astara section of the Alyat-Astara road, enhance local communities' access to the road, strengthen institutional capacity of the Road Transport Service Department, and address road sector policy issues. The technical assistance was to undertake a feasibility study and preliminary design of the project, as well as safeguard documents in accordance with requirements of the Asian Development Bank.	Two reports were produced - the first covering the original scope of the TA (the corridor between Masalli and Astara, which is approximately 57 km), and the second covering a next phase (new motorway from the Iranian border north for 58 kilometers in Azerbaijan).
Transport Sector Development Strategy	Transport, Trade Facilitation	AZE	\$350,000 (ADB), \$87,500 (GAZE)	2005	Completed	The technical assistance aimed to improve transport sector performance in Azerbaijan by assessing in detail all modes of transport and identifying strategic priorities and resources for sector development and operational needs for the medium term (2006-2016). It also helped develop the country strategy and program for Azerbaijan and guide ADB assistance for lending and nonlending products and services in the transport sector.	The TA produced a Consultant's report covering an overview of the Azerbaijan transport system, a Transport Sector Development Strategy, and the International Logistics Center. The TA clearly identified strategic priorities, policy and institutional reforms, and resources for transport sector development during 2006–2016, including the development needs in each transport subsector (i.e., roads, railways, maritime, and civil aviation).
Formulating and Implementing an Intergovernmental Agreement of the Shanghai Cooperation Organization Member States on Facilitation of International Road Transport	Transport	PRC, KAZ, KGZ, TAJ, UZB	\$500,000 (ADB), \$980,000 (UNESCAP), \$50,000 (GKAZ, GKGZ, GPRC, GRUS, GTAJ, GUZB) (Shared)	2004	Completed	To promote transport, trade, and tourism among the Shanghai Cooperation Organization (SCO) member countries, the technical assistance helped formulate and implement an intergovernmental agreement to facilitate international road transport. Its components are support for negotiating the Framework Agreement on Facilitation of International Road Transport, preparation and	The SCO member countries adopted the Framework Agreement during the 8th negotiating meeting. The main objectives of the Agreement are (i) facilitation of international road transport; (ii)

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Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects	Appendix 4
						negotiation of protocols, and provision of advisory services and training to government officials and other stakeholders in SCO members for implementing the Agreement.	coordination of the Parties' efforts in the development of international road transport; and (iii) simplification and harmonization of documentation, procedures and requirements of the Parties relating to international road transport.	ndix 4
Formulating a Transport Strategy (2005-2015)	Transport	MON	\$300,000 (ADB), \$53,000 (GMON)	2004	Completed	The technical assistance aimed to improve transport performance to facilitate sustainable economic growth and poverty reduction in Mongolia by helping the government formulate a transport strategy for 2005-2015. The strategy will identify the best ways to respond to the sector challenges and set strategic priorities and resources for its development in the next 10 years.	The project final report, which included a Transport Strategy for Mongolia for 2005–2015, was delivered by the consultants. However, this was considered only partly adequate in terms of reflecting the views of the Government.	
Improving Road Maintenance and Strengthening the Transport Corridor Management Department	Transport	KGZ	\$800,000 (ADB), \$150,000 (GKGZ)	2004	Completed	Piggybacked on the Southern Transport Corridor Road Rehabilitation Project loan, the technical assistance helped the Ministry of Transport and Communications improve maintenance of the Kyrgyz road network. It also helped update existing corridor analysis, traffic projections, and operation and maintenance costs; establish and conduct the corridor department institutional structure and the regional executive management agency; and others.	The Final Report of the TA included proposals on how to improve utilization of the national road maintenance budget and how to institutionalize support and training. A thorough corridor analysis was made, including a review of the present general patterns of commercial activity along the network and its organizational structures, the legal framework under which the corridor management operates, and impediments to traffic arising from the present management and control of cross border traffic.	

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
							and workshops held under the project, three-country support emerged to revive the trilateral agreement between the "southern corridor" countries for the transport of cotton from the Ferghana Valley to Kashgar via the Kyrgyz Republic.
Preparing the Dushanbe- Kyrgyz Border Road Rehabilitation Project (Phase II)	Transport	TAJ	\$500,000 (ADB), \$90,000 (GTAJ)	2004	Completed	The technical assistance (TA) will assist the government in preparing the Dushanbe-Kyrgyz Border Road Rehabilitation Project (Phase II) for Asian Development Bank financing. The TA will prepare a feasibility study and a preliminary design to rehabilitate the section of the road from Km 140 (between Nurobod and the Tavildara Junction) to Nimich (Km 217, the Tajikabad Junction), a total distance of about 77 kilometers (km), and selected rural roads totalling about 100 km.	The outputs included a feasibility study, with the required technical assessments, and a design for the proposed project.
Yevlax-Ganja Road Rehabilitation Project	Transport	AZE	\$150,000 (ADB)	2004	Completed	The technical assistance has to prepare a feasibility study for the planning of the Yevlax-Ganja road rehabilitation project suitable for an Asian Development Bank financing. Its components include a review of the preliminary project design, preparation of the scope and implementation arrangements, updated cost estimates, and socioeconomic and poverty analyses. The project aims to increase the efficiency and safety of transport between Yevlax and Ganja on the east-west road corridor linking Baku to the Georgian border.	The outputs included a feasibility study, with the required technical assessments, and a design for the proposed project.

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
Master Plan for Road Network Improvement Project	Transport	AFG	\$2.00 million (ADB), \$0.36 million (GAFG)	2004	Completed	The technical assistance (i) prepares a Road Master Plan and (ii) conducts a feasibility study for high-priority road projects. The Road Master Plan maps out a road network development strategy and program over the next 5-10 year period. While, among the highest priority roads are the east-west corridor to connect Herat to Kabul and two north-south corridors passing through the central mountain region.	The Feasibility Study was undertaken in 2 stages. The 1st stage included: studies of the topographical and geological features of the alignment alternatives using available digital maps and from site surveys; traffic and socioeconomic studies for all alignment alternatives; road and bridges condition surveys; traffic, environmental and social impact assessments; preliminary engineering designs; and cost estimates and economic evaluation of all alignment alternatives; and selection of preferred alternative. The 2nd stage included: detailed preliminary engineering designs for the preferred road sections; detailed cost estimates; updates on traffic and socio-economic studies; updates on road and bridges condition surveys; assessment of relocation and resettlement of affected people; refinement of the economic evaluation; initial environmental examination; and an optimum construction schedule.
Gazzi Mammed-Kyurdamir Road: Revisions to Designs	Transport	AZE	€77,160 (EBRD)	2004	Completed	The design for the reconstruction of an 85-kilometer section of road from Gazzi Mamed to Kyurdamir has been revised. The revisions are funded by the German government	N.A.

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
						through EBRD.	
Review of Railway Rehabilitation in Central Asia	Transport	CAREC	€2 million (TRACECA)	2004	Completed	The project aimed to contribute to develop efficient transport routes linking the countries of Central Asia with Europe. It was carried out in two phases: phase 1 - an overview of the traffic flows and forecasts, identification of the bottlenecks, evaluation of the multi-modal dimension and possibilities for interoperability; and phase 2 - feasibility studies for the rehabilitation and construction of new railways.	N.A.
Strengthening Implementation of Road Maintenance	Transport	TAJ	\$600,000 (ADB), \$106,000 (GTAJ)	2003	Completed	The technical assistance facilitates improvement of road maintenance and financing and thus sustainability of investments in the road sector. It also develops (i) a strategy and system of maintenance for national and secondary roads, (ii) modifies the maintenance manual for national roads and prepares a maintenance manual for secondary roads, (iii) provides training and conducts pilot projects for maintenance of secondary roads.	The TA's Final Report included a proposed strategy for maintenance of the roads network, a Highway Information System, road maintenance manuals and training materials. All TA outputs would be useful as basis for future work on the development of Tajikistan's Transport Sector Master Plan and on sector policy dialogues.
Preparing the Regional Airports Rehabilitation Project	Transport	AFG	\$1.00 million (ADB), \$0.18 million (GAFG)	2003	Completed	The main objectives of the technical assistance are to (i) prepare a civil aviation master plan providing the framework and action plan for sustainable and effective development of Afghanistan's civil aviation; (ii) undertake feasibility studies to rehabilitate selected major domestic airports and other regional airports; and (iii) prepare an implementation program to strengthen the institutional capacity of Ministry of Civil Aviation and Tourism.	Feasibility studies were carried out in two phases. The first phase covered a feasibility study for rehabilitation of preselected major domestic airports on a priority basis. The second phase covered a feasibility study on the other regional airports and prepared a second regional airports rehabilitation project.

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Preparing the Herat-Andkhoy Road Project	Transport	AFG	\$1.00 million (ADB), \$0.18 million (GAFG)	2003	Completed	The technical assistance prepared a project preparatory study of the rehabilitation and improvement of the road connecting Herat to Andkhoy in Afghanistan. This 550-kilometer stretch is the least developed section of the ring road and the condition of the existing road has been reported to be poor for the most of its length.	The outputs included a feasibility study, with the required technical assessments, and a design for the proposed project.
Feasibility Study of Aktau- Atyrau Road Improvement	Transport	KAZ	\$150,000 (ADB)	2003	Completed	The technical assistance reviewed and revised, where necessary, the government's proposal to improve the road from Atyrau to Aktau with external financing.	Outputs included the: review and revision of the Government's proposal to improve the road from Atyrau to Aktau; review of the economic and distributional impacts of the Project; and review of the overall feasibility and engineering design of the Project.
Supervision and Training for the Supply of Navigational Aid Equipment	Transport	KAZ, AZE	€400,000 (TRACECA)	2003	Completed	The project ensures technical supervision and appropriate training measures for the project "Supply Aids to Navigation Equipment to the Ports of Aktau (Kazakhstan), Baku (Azerbaijan), and Turkmenbashi (Turkmenistan)" and technical assistance to the Port of Aktau for the leasing of tug boats.	N.A.
Capacity Development for Senior Transport Sector Officials	Transport, Trade Facilitation	UZB, TAJ, KGZ, KAZ, AZE	€1.8 million (TRACECA)	2003	Completed	This capacity development program aimed to support development and promotion of the TRACECA Transport Corridor by facilitating trade and transport. It also helped the TRACECA countries to be familiar with modern documentation and declaration techniques, the transfer of cargo-relevant information (through electronic data interchange) and with modern customs clearance methods.	The Project outputs included: (i) an overview of the existing situation concerning border crossing and customs clearance along the TRACECA Corridor; (ii) training material for the individual training programmes based on the training needs assessment; (iii) training of top-level decision-makers; (iv) training of the heads of border and customs stations, ministerial departments,

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
							railway departments, port and ferry operators and other stakeholders from the road transport industry; (v) study tours to Western Europe for selected number of key experts/trainees; and (vi) proposals and recommendations.
Railways Development Project	Transport	UZB	\$600,000 (ADB), \$260,000 (GUZB)	2002	Completed	The technical assistance designed a sector reform and institutional strengthening program to further the policy dialogue of the earlier two railways projects; restructured the Uzbekistan Temir Yullari (Uzbekistan Railways); rationalizes ancillary activities; introduced accounting, planning, and costing systems; reduced staff and downsizing assets; and promoted the social impact of the restructuring program.	The Project outputs consisted of railway engineering, economic and financial analysis, a review of the progress of institutional reform within the railway subsector, a detailed initial environmental examination and a social and poverty analysis.
Feasibility Study of Borovoe- Petropavlovsk Road Rehabilitation Project in Kazakhstan	Transport	KAZ	\$150,000 (ADB)	2002	Completed	The technical assistance assisted the government prepare a proposal to improve the road from Borovoe to Petropavlovsk. It supplemented and reviewed the Islamic Development Bank (IsDB)-financed feasibility study of the Borovoe-Petropavlovsk Road Rehabilitation Project.	The three specific outputs from the TA were: (i) a review of the IDB-financed feasibility study with particular reference to the relevant ADB Guidelines on poverty, social, economic and distributional analysis; (ii) assessment of national road maintenance needs and formulation of a conceptual plan for developing a National Pavement Management System (NPMS); and (iii) a report outlining the feasibility of the Project and detailing the conceptual plan of the NPMS.

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
Central Asia Railways Telecommunications	Transport	UZB, TAJ, KGZ, KAZ	€1.5 million (TRACECA)	2002	Completed	The project aimed to improve telecommunications and signalling systems for Kazakhstan, the Kyrgyz Republic, Tajikistan, Turkmenistan, and Uzbekistan. It involved technical and managerial know-how transfer to the railways' telecommunications and signalling sector, prepared detailed feasibility studies for the modernization of each telecommunication and signalling systems, and prepared detailed specifications for the procurement of telecommunication systems components.	Expected outputs were: (i) analysis of the existing and foreseen railways telecommunications and signalling systems as well as of the railways operational aspects; (ii) analysis of the regulatory and institutional framework of the telecommunications sector; (iii) Master Plan for Railways Telecommunications and Signalling; (iv) feasibility studies for railways telecommunications projects along the TRACECA corridors; (v) contract packages for international bidding, international shipping and direct purchase; (vi) recommendations to local railways telecommunications managers on future needed actions; and (vii) regional training seminar and study tour.
Road Development Project III	Transport, Trade Facilitation	MON	\$600,000 (ADB), \$106,000 (GMON)	2002	Completed	The technical assistance conducted a comprehensive study of the feasibility of constructing a paved road of about 430 kilometers from the Mongolian town of Choir to the border of the People's Republic of China. The study will establish the optimum alignment and technical standards for the road, determine the feasibility of the project, and prepare preliminary design and cost estimates, among others.	The outputs included a feasibility study, with the required technical assessments, and a preliminary design for the proposed project.

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
Reassessment of the Regional Transport Sector Strategy	Transport, Trade Facilitation	CAREC	\$150,000 (ADB)	2002	Completed	This technical assistance updated the existing regional transport sector study of ADB. Initial work included discussion of issues and collection of information during a field trip to Kazakhstan, Kyrgyz Republic, Tajikistan, Turkmenistan, and Uzbekistan, and presentation of an initial outline strategy to the governments at a regional transport meeting.	The TA prepared a draft ADB regional transport strategy, focusing on road and railway, and a sector roadmap for the Central Asia region. The roadmap includes a proposed action plan with an indicative investment plan for 2003-2007.
Regional Cooperation in Transport Projects in Central Asia	Transport, Trade Facilitation	PRC, KGZ, UZB	\$850,000 (ADB)	2002	Completed	The technical assistance facilitated cooperation among the People's Republic of China (PRC), Kyrgyz Republic, and Uzbekistan to develop regional transport projects. These projects are (i) improvement of the Andizhan-Osh-Irkeshtan road, and extension road in Xinjiang Uygur Autonomous Region, PRC; and (ii) construction of a PRC-Kyrgyz Republic-Uzbekistan railway.	The Project outputs were delivered in two parts: the road improvement study and the railway study. The reports generated under the road component provided economic, financial, environmental and social analysis that formed the basis for the approved ADB loan, KGZ: Southern Transport Road Corridor Rehabilitation Project, to rehabilitate 124km of the two-lane highway from Osh to Gulcha to Sopu Korgon. The rail component report was completed but did not receive the endorsement of the Ministry of Transport and Communications of the Kyrgyz Government due to issues concerning the conclusion and recommendations of the study.
Pre-feasibility Study of a New Rail Link between the Ferghana Valley, Bishkek, and Kashgar (PRC)	Transport	UZB, TAJ, KGZ, PRC	€1.5 million (TRACECA)	2001	Completed	The project carried out a technical study to investigate the development of rail links between Bishkek, Osh/Djalala-Bad, and Kashgar. It prioritized the development of such lines into new interlinked routes. Following the results of the study, the next major expected technical step is the	The final report/study examined the technical feasibility of the railway in the given project corridors, established a realisable cost estimate, and assessed the economic

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects justification and financial viability of the Project.
						implementation of a detailed design project for the tunnels, major structures, and earth/rock works.	justification and financial viability of the Project.
Institutional Support in the Transport Sector	Transport	KGZ	\$650,000 (ADB), \$120,000 (GKGZ)	2001	Completed	Attached to the Asian Development Bank's Loan 1853-KGZ (SF): Third Road Rehabilitation Project, this technical assistance (i) helped the Ministry of Transport and Communications manage the secondary road network and train maintenance organizations and the local communities; and (ii) studied the markets for transport services in the Kyrgyz Republic and recommended regulatory and other changes to increase their competitiveness.	The Final Report covered the following aspects: (i) road sector financing and investment planning; (ii) road fund operation; (iii) road asset management system; (iv) financing plan for maintenance secondary roads; and (v) general approach and methodology for community participation in road maintenance. Various seminars and training activities were conducted for MOTC and MOF officials and a number of discussion papers developed under the Project.
Preparing the Second Road Rehabilitation Project	Transport	TAJ	\$600,000 (ADB), \$106,000 (GTAJ)	2001	Completed	The technical assistance helped the government prepare a feasibility study and preliminary design to rehabilitate selected sections of the Dushanbe-Darband road and selected rural roads. This rehabilitation project was part of Tajikistan's Second Road Rehabilitation Project.	The outputs included a transport sector profile focusing on the road, a technical and economic feasibility study, and a preliminary design for the proposed project.
Harmonization of Border Crossing Procedures	Transport, Trade Facilitation	KAZ, AZE, UZB, TAJ, KGZ	€2 million (TRACECA)	2001	Completed	The 2-year technical assistance project aimed to create a platform for harmonized border crossing procedures within the region. It also worked toward regional integration with international transport and trade practices and to promote the movement of traffic along the TRACECA corridor and to lay the foundations for convergence with the European Union's practices.	N.A.

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
Customs Facilities at Central Asian Border Crossings	Transport, Trade Facilitation	TAJ, KGZ, KAZ, AZE, UZB	€2 million (TRACECA)	2001	Completed	The overall objective of the 2-year technical assistance project was to improve the conditions for road transport on the most heavily trafficked section of the TRACECA route, in Central Asia, concentrating on the road border crossing facilities and associated inland functions.	N.A.
Institutional and Policy Support to the Road Sector	Transport	TAJ	\$500,000 (ADB), \$100,000 (GTAJ)	2000	Completed	The technical assistance aimed to (i) implement the market-oriented policy reforms initiated by Tajikistan and the recommendations for sector policy reforms and institutional restructuring, (ii) help the government build up basic institutional capacity in the Ministry of Transport, and (iii) help the Ministry strengthen its capacity in transport planning, project costing and financing, commercializing transport operations, and investment management.	The final report included recommendations in three broad areas, namely: (i) policy initiatives, (ii) sector and institutional studies, and (iii) institutional strengthening and capacity building. The policy initiatives component included a review and recommendations on the transport sector policy of the Government, cost recovery mechanisms for road operation and maintenance, budget allocation methodology and source of financing for road maintenance, and commercialization of transport operations. Sector and institutional studies included a review and recommendations on road subsector development and planning, guidelines for road maintenance management and the maintenance operation manual for MOT, guidelines for feasibility study and technical design standards, financial accounting methodology and practice, and

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects institutional development plans of MOT and its
Improvement of the Road Sector Efficiency Project (Kazakhstan Component)	Transport	KAZ	\$750,000 (ADB), \$330,000 (GKAZ)	2000	Completed	Piggybacked on the Almaty-Bishkek Regional Road Rehabilitation Project (Kazakhstan component), the technical assistance	institutional development plans of MOT and its human resource development programs. Under institutional strengthening and capacity building, seminars and case studies were conducted on the main principles of transport planning, project programming and methodologies for project costing and financing. A report was completed for Cross Border Agreement (CBA) and
						developed an efficient and safe road transport system to improve border crossing that could be replicated in other Central Asian Republics. Among others, it improved management of road safety, streamlined the ministerial and departmental responsibilities, and helped implement the road sector policy statement in Kazakhstan.	road safety covering the legal and institutional issues for CBA, road safety analysis, and cross border systems analysis. A separate report was produced on institutional strengthening. Significant stakeholder consultation was undertaken. Road safety training seminars were conducted and the ADB publication on Road Safety Guidelines for the Asian and Pacific Region was translated into Russian for wider outreach.
Facilitating Development of the Railway Sector	Transport	UZB	\$600,000 (ADB)	2000	Completed	The technical assistance sought to prepare a railway sector study, including a master plan and financial analysis; provide assistance to operationalize the Small Business Fund (SBF); help in developing and marketing of railway services for tourists; and prepare a study on the adverse effects of soil salinity on railway infrastructure and proposes mitigation measures.	The final report was completed although certain aspects of the Project were not sufficiently covered given the limited TA resources in relation to the expected outputs. The railway sector study was undertaken but the

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
							Masterplan did not include the calculation of economic internal rates of return for the developments covered in the Masterplan. The TA was also unable to make as much progress in operationalizing the SBF due to the lack of resolution by the Government on the legal and institutional mechanisms for operating the SBF, and substantially lower levels of staff due to job loss that resulted from UTY restructuring.
Regional Railway Improvement Project	Transport	TAJ	\$150,000 (ADB)	2000	Completed	The technical assistance helped the Tajikistan government prepare a feasibility study for the railway project that would efficiently transport goods and people in the region, generate employment, raise living standards of people, and reduce poverty. The project will improve railway infrastructure and ensure its commercial operation in a market environment.	The feasibility study covered technical, economic, financial, environmental, institutional, and socioeconomic (including poverty impact) analysis of the proposed Project.
Follow-up on Institutional Issues (Phase B) - Multimodal Oil Transport System and Creation of a Common Operator	Transport	KAZ, AZE	€1 million (Inogate)	2000	Completed	The project analyzed the possibilities of increased volumes of oil transported from the Caspian Basin to the Black Sea through the Multimodal (rail, ship) Transport System. It concluded with a detailed analysis of the conditions of the infrastructure and the current economics of transport.	The main outputs were: an elaboration of the prefeasibility study, including the identification of technical and management requirements and constraints for the implementation of the Multimodal Oil Transport System.

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
Improvement of the Road Sector Efficiency Project (Kyrgyz Republic Component)	Transport, Trade Facilitation	KGZ	\$440,000 (ADB), \$75,000 (GKGZ)	2000	Completed	Piggybacked on the Almaty-Bishkek Regional Road Rehabilitation Project (Kyrgyz Republic component), the technical assistance helped the government increase subregional trade through improved operation of road passenger and freight transportation between Almaty and Bishkek, and make changes on road transport policy and legislation. It also assisted the government implement the cross-border agreement and improve management of road safety.	The Final Report included sections on the cross border agreement (CBA)-legal and institutional issues, road safety; and cross border systems analysis. Two stakeholders meetings were organized with participation of the representatives of the government of Kyrgyz Republic and Kazakhstan and reviewed difficulties and obstacles to the implementation of the CBA.
Third Road Rehabilitation	Transport	KGZ	\$600,000 (ADB)	1999	Completed	The technical assistance ascertained the technical viability, economic feasibility, and environmental and social soundness for rehabilitating the road between Bishkek and Osh. It reviewed the ongoing transport sector policy reform and institutional strengthening initiatives of the government and develops a new policy agenda to enhance the efficiency and effectiveness of the transport sector.	This will be the third phase of the Bank's assistance for the rehabilitation of the Bishkek-Osh road. In addition to the feasibility study, the TA reviewed the ongoing transport sector policy reform and institutional strengthening initiatives undertaken by the Government and developed a new policy agenda to provide the basis for enhancing the efficiency and effectiveness of the sector.
KTZ Track Maintenance and Commercialization Project - Technical Assistance	Transport	KAZ	\$191,000 (Technical Assistance) (USTDA), €1.7 million (Technical Assistance) (EU- TACIS), \$65 million (Loan) (EBRD), €2 million (Grant)	1999	Completed	The project aimed to introduce improved track maintenance methods and improve labor productivity through workforce downsizing of Kazakhstan Temir Zholy (KTZ), the national railway company. Track maintenance will be done on the Almaty-Astana line. The technical cooperation from USTDA will be for project appraisal and tender preparation; and from EU TACIS for drafting a railway law and for supervision of the project implementation,	N.A.

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
			(EBRD), \$25 million (GKAZ)			management information systems, tariff study, and restructuring of ancillary businesses.	
Preparing a Railway Restructuring Sector Development Program	Transport	KAZ	\$850,000 (ADB)	1999	Completed	The technical assistance helped prepare Kazakhstan's railway restructuring sector development program through reviewing the railway sector and its future economic role, converting Kazakhstan Railways (KTZ) into a commercially oriented enterprise, introducing private sector investment into the sector, identifying structural reforms for KTZ, evaluating specific investments for service quality improvements in the sector, improving routes for export and transit traffic, and maintaining the affordability of passenger travel.	The Final Report covered the proposed railway restructuring sector development program with the rationale, components, cost estimates, financing plan, and implementation arrangements. The report also included an initial social assessment and the summary initial environmental examination of the investment component of the proposed Program. After the TA completion, ADB and the Government failed to proceed with an ensuing loan. The railway restructuring sector development program prepared under the TA was implemented using KTZ's own resources.
Railway Modernization Project - Technical Assistance	Transport	UZB	\$450,000 (ADB)	1999	Completed	The technical assistance will prepare a railway modernization project in Uzbekistan to improve sector efficiency and meet the growing domestic and international traffic. The scope includes preparation of a feasibility study for the railway modernization project, including technical, financial, and economic viability; institutional and organizational aspects; and socioeconomic and environmental impacts.	The feasibility study covered technical, economic, financial, environmental, institutional, and socioeconomic (including poverty impact) analysis of the proposed Project.

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
Road Rehabilitation	Transport	TAJ	\$840,000 (ADB), \$170,000 (GTAJ)	1999	Completed	The technical assistance prepared a project for road rehabilitation. It also identified the need to improve the feeder roads in the project hinterland to extend access and economic benefits to the poor and to isolated rural communities.	The TA prepared: (i) a transport sector profile that will provide the broad framework in which the needs and priorities in the sector can be assessed; (ii) a capital investment and maintenance program for the sector; (iii) a feasibility study for the formulation of a priority project in the road subsector; (iv) an initial environmental examination; (v) a social impact assessment for the Project with particular emphasis on how the Project will promote poverty reduction and employment generation; and (vi) a detailed design and procurement documents for the Project.
Institutional Strengthening of Uzbekistan Temir Yullari	Transport	UZB	\$850,000 (ADB)	1998	Completed	The technical assistance provided support to Uzbekistan Railways (Uzbekistan Temir Yullari, UTY) for institutional restructuring and capacity building in the railway sector to improve operational efficiency and quality of services and to make the sector economically and financially viable in a market economy. It is attached to the loan component of the Railway Rehabilitation Project.	The consultants prepared a draft corporate business plan and reports on (i) financial management and accounting, (ii) social services and staff reduction, (iii) human resource management and education, and (iv) marketing. The outputs of the TA were used in carrying out the policy dialogue for Loan 1773-UZB: Railway Modernization Project, including (i) the costing of service and estimation of losses for proposed Government budgetary compensation for mandated

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
Second Road Rehabilitation Project - Technical Assistance	Transport	KGZ	\$600,000 (ADB)	1998	Completed	The technical assistance, associated with a loan for the Second Road Rehabilitation Project, aims to advise the Ministry of Transport and Communications (MOTC) on transport policy, strengthen its financial management capabilities, assist in refining its organization structure and the roles of the Department of Roads, and build capacity of MOTC staff and private road contractors.	noncommercial services; (ii) review of the accounting system and provision of training in financial accounting, reporting, and policies; (iii) preparation of a computerized model of a five-year business plan; (iv) training in marketing; and (v) rationalization of ancillary operations. The TA also provided a study visit to India Railways for specialists from Uzbek Railways. The TA made recommendations, particularly with respect to the financial organization of MOTC; however, these recommendations on the Road Fund could not be implemented. The Governments' delay in establishing the Transport Policy Department and the Planning, Design, and Construction Department limited the effectiveness in strengthening these agencies.
TRADE FACILITATION							
Enhancing Border Trade Services and Rules for Small and Medium-Sized Enterprises (SMEs)	Trade Facilitation	PRC, MON	\$1.5 million (ADB)	2009	Ongoing	This technical assistance project aims to facilitate trade, including border trade, and support regional economic cooperation in the Central Asia Regional Economic Cooperation (CAREC) and the Greater Mekong Subregion (GMS) programs. This project focuses on improving trade efficiency at the borders of the People's Republic of China, Mongolia, and Viet Nam, and targets a 15% increase in the	The expected outputs are: (i) an analysis based on dataset created from market survey of selected border sites; and (ii) recommendations on policy and regulatory changes to increase SME access to finance. The

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects	Appendix
						value of border trade of small and medium- sized enterprises by 2014.	project is now selecting the consultants.	ndix 4
CAREC: Working with the Private Sector in Trade Facilitation	Trade Facilitation	CAREC	\$1.5 million (ADB, RCI), \$0.5 million (PRC Fund), \$0.5 million (Govts)	2009	Ongoing	To improve the efficiency of trade flows in the CAREC region, as measured by a 50% reduction in border-crossing time along the CAREC corridors in 2012, as compared with 2007.	The TA outcome will be strengthened national and regional collaboration, including enhanced partnerships between the public and private sectors, in developing and managing the key CAREC corridors and addressing broader issues of transport and trade facilitation.	
Integrated Trade Facilitation Support for Central Asia Regional Economic Cooperation	Trade Facilitation	CAREC	\$3 million (ADB)	2007	Ongoing	The regional technical assistance will strengthen customs cooperation among the CAREC Program countries, expand the Program's trade facilitation work into new areas with a focus on the six CAREC transport corridors, and adopt a results-based approach to monitoring time and cost savings along the corridors.	The expected outputs of the RETA include (i) strengthened customs cooperation as the core program of the trade facilitation strategy, (ii) expanded scope of the work program to address broader issues of trade facilitation, (iii) focusing trade facilitation efforts on the CAREC transport corridors, (iv) adoption of a results-based approach in monitoring time and cost savings as the key indicators of the program, (v) support for logistics assessments and planning focusing on priority corridors and developing national and regional implementation strategies to facilitate trade, (vi) support for bilateral initiatives among	

Title	Sector	Countries	Amount and	Year	Status	Brief Description of Project	Outputs of Completed
			Funding Agency				Projects / Status of Activities
							of Ongoing Projects
							CAREC countries with
							sharing of experience, (vii)
							enhanced partnership
							between CAREC's
							participating multilateral
							institutions and key
							international agencies
							supporting customs
							reform, trade facilitation,
							and logistics development
							in the region, (viii)
							dialogue and cooperation
							with the private sector,
							which would help
							formulate and utilize trade
							facilitation measures, (ix)
							capacity-building activities
							in areas of integrated trade facilitation as well as
							in broader areas related to
							trade and transport
							facilitation,7 and (x)
							knowledge products such
							as policy and strategic
							papers, publication of
							analytical pieces, and
							presentation at
							conference on issues of
							customs cooperation,
							integrated trade
							facilitation, and trade
							logistics issues. The
							regional TA has supported
							various seminars &
							workshops, the annual
							CCC meetings, Corridor
							Performance Magaziroment and
							Measurement and Monitoring (CPMM)
							activities as well as
							activities of the CAREC
							Regional Joint Transport
							and Trade Facilitation
							Committee (RJC) and the
							CAREC Federation of
							2

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects Carrier and Forwarder Associations (CFCFA).
							Carrier and Forwarder Associations (CFCFA).
Capacity Building for Customs and Trade Facilitation	Trade Facilitation	AFG	\$1.20 million (ADB), \$0.15 million (GAFG)	2006	Completed	The technical assistance aimed to improve the environment for international trade and transit in Afghanistan and enhance its government's capacity in customs and trade facilitation. The components of this assistance, among others, were capacity building in Afghan Customs Department (ACD) and the Ministry of Commerce, harmonization of customs procedures, assistance in implementing the corruption risk management plan in ACD, and encouraging private sector participation.	The TA outputs included (i) a background paper on the role of customs, challenges facing Afghan Customs, and possible solutions explaining main challenges ACD faced and how the five-year strategic plan coped with those challenges; (ii) a study of Afghanistan's external trade to identify measures for export expansion; (iii) papers regarding (a) the creation of a Tariff Research Unit for the purpose of monitoring trends in revenue collection and the adoption of appropriate tariff policy, (b) a plan for surveys of customs offices for human resource planning, (c) customs tariff policy advice on ad-hoc duty exemption to raw material imported for industries; (d) policy framework for granting of duty exemption to Government imports; and (e) provision of incentives to customs officers for good performance in enforcement work by creating a fund from the proceeds of sale of confiscated goods; and (iv) technical specifications of cargo handling equipment

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
							needed in different customs clearance stations procured on ADB loan. Although these outputs were provided at the request of the implementing agency and with a satisfactory quality, and to a degree, contributed to ACD's capacity strengthening, they were out of the original TA design, difficult to be integrated into an intended deliverable, and thus weakened the rationale of the TA.
Capacity Development of Selected Developing Member Countries on the Implementation of the Trade Facilitation Agreement of the World Trade Organization	Trade Facilitation	CAREC	\$450,000 (ADB)	2006	Ongoing	The technical assistance enables ADB's developing member countries (DMCs) to develop a plan for implementing the World Trade Organization Agreement on Trade Facilitation. The project provides the DMCs with a clear understanding of the contents of the agreement to equip the DMCs and their customs administrations with the necessary knowledge and skills.	A Customs DG-Commissioner Meeting on Trade Facilitation was held in ADB Institute in 2007. Completion of WTO Trade Facilitation Agreement is awaited to organize other activities, namely: Intensive Course on Obligations of Customs Administration under the Agreement on Trade Facilitation; Intensive Course on Possible Measures and Changes Required to Implement the Agreement on Trade Facilitation; and Intensive Course on the Implementation Plan of the Agreement on Trade Facilitation.

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
Logistics Development and Capacity Building in Xinjiang Uygur Autonomous Region	Trade Facilitation	PRC	\$425,000 (ADB), \$175,000 (GPRC)	2006	Ongoing	The technical assistance prepares a strategy to develop the logistics industry in Xinjiang Uygur Autonomous Region (XUAR), a master plan to implement it, and a preliminary list of investments to support it. The strategy focuses on policy, institutional, and financial issues of the logistics industry development; while, the master plan focuses on the public infrastructure and logistics platform. The list includes public investment and public-private sector partnership projects for the XUAR government to consider.	of Ongoing Projects Two outputs have been completed so far: (i) the strategy to develop logistics industry in XUAR; and (ii) the master plan to implement the strategy. The master plan groups Xinjiang into five different trade logistics zones centered in Urumqi. Logistics centers in respective zones are identified according to (a) significance of their contribution to sustainable and balanced economic growth in Xinjiang and the whole country; (b) minimum needs for additional investment for various logistics infrastructure; and (c) attractiveness for private investment. Other activities are ongoing.
Improving the System of Customs Administration in the Republic of Uzbekistan	Trade Facilitation	UZB	\$250,000 (UNDP)	2006	Ongoing	The project facilitates implementation of additional measures to create enabling environment for foreign trade development. It provides assistance to the government in elaboration and adoption of the new revision of the Customs Code, related documents and legal base; facilitates improvements of customs administration through revision of related subordinate legislation, and introduces modern methods, technologies and tools into Uzbek customs services.	The following activities are planned within the framework of project implementation: (i) Methodological assistance to the governmental working group in drafting, adopting and implementing the Revised Customs Code; (ii) Carrying out extensive research of the current system of customs administration and reviews of related international standards to facilitate preparation of the Revised Customs Code; (iii) Analysis of customs administration legal

Title	Sector	Countries	Amount and	Year	Status	Brief Description of Project	Outputs of Completed
THE	Jector	Countries	Funding Agency	icai	Status	Brief Bescription of Froject	Projects / Status of Activities
			r unumg rigonoj				of Ongoing Projects
							gg
							foundations and practices
							with consequent
							development of
							recommendations for the
							improvement of relevant
							procedures;
							(iv) Impact analysis of
							changes in customs
							legislation on overall
							economic situation and
							developing
							recommendations for
							further improvement of
							customs legislation;
							(v) Active involvement of
							all stakeholders-
							legislative branch,
							businesses, NGOs, and
							leading experts-in the
							process of drafting and
							discussing the Revised
							Customs Code;
							(vi) Providing assistance
							in developing
							Commentary to the new
							revision of the Customs
							Code and new customs
							declaration forms; and
							(vii) Conducting a series
							of training sessions for
							SCC personnel as part of
							the human resource
							development strategy.

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
Building the Capacity of the Ministry of Commerce for Trade and Transit Facilitation	Trade Facilitation	AFG	\$400,000 (ADB)	2005	Completed	The technical assistance aimed to enhance the capacity of the Ministry of Commerce in transit and trade facilitation, with emphasis on negotiating and implementing transit agreements. It also sought to strengthen the Ministry's strategic planning and policy coordination capability in its border operations.	Following were the expected TA outputs: (i) Capacity Building to reinforce the capacity/competency of MoC staff national staff in trade and transit through appropriate seminars and training events, (ii) Transit Facilitation through revision and ratification of existing transit agreements and negotiation of new agreements, (iii) Cross Border Facilitation with emphasis on simplifying and streamlining transit border crossing formalities and procedures and assisting in efforts to improve cross-border transit facilities operation and maintenance and to reduce the high rate of truck trans-shipments; (iv) Strengthened Private Sector Participation in Transit Trade; (v) Enhanced Inter-Ministerial Cooperation, including inter-ministerial cooperation mechanisms and clarification of cross border management responsibilities; and (vi) Promotion of Regional cooperation through continued active Afghan participation in CSATTF meetings. The TA met its three main performance targets: (i) preparation of a new Agreement to regulate transit between

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
							and through both Afghanistan and Pakistan; (ii) promotion of principles behind a functional regional transit system facilitating cross border trade, including delineation of responsibilities among different agencies at the border in line with international good practice; and (iii) definition of new border functions for the MoC.
Capacity Building and Strengthening Foreign Trade and Investment Promotion Institutions in Uzbekistan	Trade Facilitation	UZB	\$350,000 (UNDP)	2005	Completed	This project promotes contribution of foreign trade and investment in securing more sustainable socioeconomic development of Uzbekistan. It aims to formulate effective trade facilitation and export promotion policies; strengthen foreign investment promotion institutions; provide assistance within Uzbekistan's integration to world and regional economic systems (EuroAsian Economic Community, World Trade Organization), and facilitate dialogue among various national stakeholders on these issues.	N.A.
Cross-Border Trade and Transport Facilitation	Trade Facilitation	AFG	\$550,000 (ADB)	2004	Completed	The technical assistance aims to develop strategies to facilitate and smooth movement of goods across Afghanistan's borders by carefully assessing physical and institutional constraints that would ensure maximum economic benefit, while adopting adequate measures to prevent smuggling and other illegal activities that erode economic efficiency.	The TA conducted stakeholders workshops and conferences, generated progress and final reports containing analyses subsequent to (i) reviewing the existing studies (on customs, border procedures, border infrastructure, existing laws, regulations, rules and procedures, bilateral

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects and multilateral agreements, on revenue
							and multilateral agreements, on revenue generating measures, including tolls and transit fees) and conducting field assessments (including interviews with transport operators, forwarders, and intermediaries; and (ii) developed proposals to improve border and transport-related infrastructure (buildings, warehousing, parking lots, cargo inspection sheds, weighbridges, workshops, other customs-related physical facilities along major transport corridors); and on the institutional arrangements at the concerned ministries and agencies for facilitating the movement of goods across Afghanistan's borders. As a result the study has identified key actions required to facilitate crossborder trade and transport and realize the potential benefits for Afghanistan and its five immediate neighbors (Iran, Pakistan, Tajikistan, Turkmenistan, and Uzbekistan).

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
Regional Trade Facilitation and Customs Cooperation Program (Phase II)	Trade Facilitation	CAREC	\$900,000 (ADB), \$220,000 (GAFG, GAZE, GPRC, GKAZ, GKGZ, GMON, GTAJ) (Shared)	2004	Completed	The technical assistance supports Phase II of the Regional Trade Facilitation and Customs Cooperation Program and other modalities (program and project loans) that achieve concerted customs legal reforms, harmonized customs procedures, and strengthened regional customs cooperation. Its expected outputs are adoption of revised customs codes by East and Central Asian countries; customs modernization for data sharing; adoption of risk management-based customs control procedures; and establishment of an information platform, among others.	TA completion report forthcoming.
Capacity Building and Institution Strengthening for Customs Modernization and Infrastructure Development (Kyrgyz Republic Component)	Trade Facilitation	KGZ	\$500,000 (ADB), \$100,000 (GKGZ)	2004	Completed	The technical assistance supported the Regional Customs Modernization and Infrastructure Development Project to establish a unified automated information system and strengthen border-post infrastructure. This assistance ensures that appropriate institutional structure and the business processes of the State Customs Committee support customs modernization, and that border-post infrastructure development is carried out with sound supervision and quality assurance.	The main outputs included: (i) key requirements of the UAIS application components including ICT to support operation; (ii) proposed organizational structure to support the customs modernization process; (iii) an action plan to rehabilitate border post facilities and inland clearance points, and (iv) specific recommendations for change management. The final workshop, which was attended by a large group of stakeholders from both the government as well as the private sector, contributed in increasing awareness and building consensus on the way forward in trade facilitation reforms.

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
Capacity Building and Institution Strengthening for Customs Modernization and Infrastructure Development (Tajikistan Component)	Trade Facilitation	TAJ	\$500,000 (ADB), \$100,000 (GTAJ)	2004	Completed	This advisory technical assistance supports customs reform and modernization for Tajikistan. The TA was to help ensure that: (i) customs modernization through automation and border-post infrastructure development was supported by institutional structure and business process of the Executing Agency; and (ii) development of an integrated customs management system providing an avenue for the single electronic window environment for the Customs.	The TA involved the study, assessment and development of the following major components: (i) effective management and public-private partnership for customs modernization; (ii) reengineering of customs business processes and Conceptual Design of the UAIS; and (iii) quality and security assurance of the UAIS and border-post infrastructure development.
Promotion of Regional Supply of Goods, Services and Expertise for Afghanistan Reconstruction	Trade Facilitation	AFG	\$400,000 (UNDP)	2004	Ongoing	This project, which is under UNDP's Promotion of Regional Trade Cooperation Project, was initiated after the Afghanistan's Regional Economic Cooperation: CAIP Conference in May 2004 in Bishkek. It aimed to increase connectivity, cooperation, and competitiveness between Afghanistan and its neighbours, as well as validating the importance of Afghanistan as a 'land bridge' between South Asia and central Asia.	The Project supported in 2005-2006 a number of regional conferences, workshops, working group meetings, and a WTO Trade Policy Basics Course.
Support to Export Promotion Activities of the Azerbaijan Export & Divestment Promotion Foundation (AZPROMO)	Trade Facilitation	AZE	\$1.09 million (UNDP)	2004	Ongoing	The project aims to strengthen the institutional capacity of AZPROMO through training of staff and other activities, organize business forums and trade events in the country and abroad, operationalize export promotion support, conduct a study on Azerbaijan's potential as a regional hub, and initiate the nation-branding concept to promote Azerbaijan as a trading partner.	Key achievements include: (i) the institutional capacity of AZPROMO strengthened, performance of AZPROMO staff improved; (ii) export and investment promoted through the country presentations, business forums, conferences organized by AZPROMO in the country and abroad; (iii) capacity of Export Information Centre strengthened, package of

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
							services developed to be provided to exporters; export promotional materials developed; (iv) study on Azerbaijan's potential as a regional hub conducted and findings presented in the workshop; and (v) nation-branding concept of Azerbaijan initiated.
Capacity Building on Selected WTO Issues	Trade Facilitation, Trade Policy	UZB, TAJ, MON, KGZ, KAZ, PRC, AZE	\$450,000 (ADB)	2003	Completed	The technical assistance encourages developing member countries' (DMCs) full integration into the World Trade Organization's (WTO) multilateral trading system through (i) increased awareness of new areas to be covered by the Doha Development Agenda for policy formulation, and (ii) assistance in providing technical inputs and sharing the results of studies with DMCs so that they can fully participate in the new WTO round.	The capacity-building program delivered four outputs: (i) a high-level meeting for DMC negotiators on key Doha Development Agenda issues, (ii) an intensive course on investment, (iii) an intensive course on antidumping, and (iv) an intensive course on rules of origin.
Customs Modernization and Infrastructure Development Project (Kyrgyz Republic Component)	Trade Facilitation	KGZ	\$500,000 (ADB), \$100,000 (GKGZ)	2002	Completed	The technical assistance ensured that the border posts and processing points have adequate border infrastructure, inspection and servicing systems, and modern information and communication technology to process shipments and detect and combat smuggling. It was part of the clustered sector development program for the Kyrgyz Republic to support reforms and modernization of customs services. It promoted operative consistency, promptness, and efficiency of customs, and improved institutional capabilities in revenue collection.	The outputs covered: detailed due diligence and needs assessment of the infrastructure and information and communication technology (ICT) investment, including a detailed assessment of hardware and software needs, and the best options from a cost-benefit perspective; technology audits; and procedures for intelligence gathering and establishment of databases of risk profiles.

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
Customs Modernization and Infrastructure Development Project (Tajikistan Component)	Trade Facilitation	TAJ	\$500,000 (ADB), \$100,000 (GTAJ)	2002	Completed	The technical assistance was part of the clustered sector development program for Tajikistan to support reforms and modernization of customs services as an integral component of the ongoing structural reform process. This assistance promoted operative consistency, promptness and efficiency of customs and improved institutional capabilities.	The TA prepared the investment component for the second phase of the program and the study included: (i) a review of the existing policy environment, operational framework and physical infrastructure; (ii) detailed due diligence and needs-assessment of the investment component; (iii) technology audits; (iv) prioritized investment activities; (v) the action plan for modernization; and (vi) justification on investments based on cost-benefits analysis and financial and economic rate of return.
Trade Facilitation and Customs Cooperation	Trade Facilitation	CAREC	\$2 million (ADB)	2002	Completed	The technical assistance establishes efficient and effective customs systems that can facilitate foreign trade and investment. It covers simplification and harmonization of customs and transit procedures, development of border posts and facilities, data consolidation/information sharing for customs operations, development of risk management and post-entry audit, and capacity building for regional customs organizations.	Strategies, action and investment plans, training seminars, workshops, pilot testing, bilateral arrangements and a host of other outputs for each of the TA priority areas were successfully delivered.
Capacity Building for Developing Member Countries on the World Trade Organization Trading System	Trade Facilitation, Trade Policy	UZB, TAJ, MON, KGZ, KAZ, PRC, AZE	\$450,000 (ADB)	2002	Completed	The technical assistance supports ADB's developing member countries (DMCs) to fully integrate into the World Trade Organization (WTO) multilateral trading system through (i) increasing their awareness of WTO agreements so that they can be fully implemented; (ii) assisting them to participate fully in the new WTO round; and (iii) assisting DMCs to accede to WTO.	The capacity building program had two components: trade and customs. The trade component had two activities: (i) a high-level meeting to discuss the WTO trading system, key policy issues, implications for participants' economies, and negotiation techniques for the new WTO round of

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
FRADE POLICY							negotiations; and (ii) intensive course on the WTO TRIPS Agreement, including border enforcement. The customs component had two activities: (i) a course on trade facilitation, with emphasis on the World Customs Organization (WCO) Convention on the Simplification and Harmonization of Customs Procedures ("Revised Kyoto Convention"), and (ii) an intensive course on the WTO Customs Valuation Agreement, including a post-entry audit system.
Trade and Human Development	Trade Policy	MON	\$15,000 (GMON), \$475,000 (UNDP)	2006	Completed	The \$1.65 million project aimed to (i) mainstream human development concerns into trade policy making in Mongolia; (ii) strengthen the negotiating position and capacity of Mongolia; and (iii) strengthen Mongolia's leadership among landlocked countries, especially in the context of the informal group of landlocked countries in the World Trade Organization.	The major interventions were in the following areas: (i) Trade and Human Development Policy Analysis Support to Trade policy and negotiation unit in the Ministry of Trade and Industry, building the capacity of the unit through undertaking a solid policy analysis on the impact of WTO accession on poverty eradication and human development in Mongolia, and strengthening the economic diplomacy and negotiation capacity wider within the government; and (ii) Global networking among landlocked countries on trade and

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
							human development by development and activation of a global electronic network among landlocked countries which will culminate in a global forum of landlocked countries organized in Mongolia.
Capacity Building Support to the Ministry of Economic Development to Develop a Competitive Non-oil Sector in Azerbaijan	Trade Policy	AZE	\$450,000 (UNDP), \$563,336 (GAZE)	2005	Ongoing	The project aims to strengthen the research capacity of the Scientific Research Institute for Economic Reforms under the Ministry of Economic Development. It supports the institute to become an effective think tank for economic policy of the government by converting economic research into policy development and assisting in the formulation of new policies to facilitate and encourage the development of a competitive non-oil sector in Azerbaijan.	Following are the major activities: (i) produce and disseminate high quality research on the priority sectors of economy where Azerbaijan has comparative advantage such as tourism, agriculture, transport and transit; (ii) conduct study on competition policy and good governance; and (iii) study the lessons of research and experience of other countries.
Capacity Building on Selected WTO and Doha Development Agenda Issues	Trade Policy	CAREC	\$400,000 (ADB)	2004	Completed	The technical assistance aimed to promote the full integration of ADB's developing member countries into the World Trade Organization's (WTO) multilateral trading system. The project increased awareness and expertise of senior officials responsible for WTO and Doha Round issues.	Three specific outputs were successfully delivered to increase the awareness and expertise of senior officials: (i) conclusion of a high-level meeting for negotiators with director-general level and above; (ii) completion of training course on accession for senior trade officials; and (iii) completion of intensive training course on dispute settlement.

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
Central Asia Regional Cooperation in Trade, Transport, and Transit	Trade Policy	CAREC	\$350,000 (ADB)	2004	Completed	The technical assistance enhances the analytical underpinnings of regional cooperation in the areas of trade, transport, and transit. Two outputs are an Asian Development Bank report on regional cooperation in the areas of trade, transport, and transit; and a chapter on these areas for the United Nations Development Programme report on regional cooperation for human development and security in the region.	The TA produced the two expected outputs: (1) an ADB report on Central Asia regional cooperation in trade, transport, and transit; and (2) a chapter on regional cooperation in trade, transport, and transit for the UNDP's Central Asia Human Development Report. In addition, it produced a number of useful intermediate and final outputs. These are: country background notes on trade, transport, and transit in Azerbaijan, Kazakhstan, Kyrgyz Republic, Tajikistan, and Uzbekistan; computable general equilibrium (CGE) models of Kazakhstan and Kyrgyz Republic; and background papers on barriers to transit trade in Central Asia.
ENERGY							
CAREC: Power Sector Regional Master Plan	Energy	REG	\$2 million (ADB), \$500,000 (Governments)	2010		The TA will identify national power sector deficiencies and resolve them by promoting interregional and intraregional electricity trade, improving energy security and energy efficiency, and reducing emissions of greenhouse gases through optimized, integrated transmission and generation expansion. The TA is part of the CAREC 2010 Energy Sector Action Plan.	The impact will be increased energy security and regional electricity trade to support economic growth. Specific performance targets are being developed by the CAREC ESCC but will include (i) increased interregional and intraregional trade, (ii) reduced winter electric deficits in the Kyrgyz Republic and Tajikistan, and (iii) increased exports

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
							of Ongoing Projects from CARs to Afghanistan. The outcome will be to identify a series of regional investment projects justified on economic, financial, safeguard, and technical grounds to provide long- term solutions to balance electricity demand and supply in the region.
Regional Power Rehabilitation	Energy	TAJ	\$500,000 (ADB), \$110,000 (GTAJ)	2009	Ongoing	The technical assistance will prepare a project design and a feasibility study for an investment project to improve the reliability and the operation of the Central Asian power system, which will enhance intercountry power trading. The project will (i) rehabilitate existing and construct new transmission assets to strengthen Tajikistan's interconnection with Afghanistan, the Kyrgyz Republic, and Uzbekistan; (ii) install a Supervisory Control and Data Acquisition System; and (iii) improve the quality of electricity supply on regional and national levels.	The sector review and analysis, project risk assessment and financial management assessment have been completed. The methodology for financial and economic analysis has also been prepared. Preparation of initial environmental examination, land acquisition and resettlement assessment and assessment of other social safeguards are underway. The physical and non-physical components of investment project have been selected. The final design is also being prepared.
CASAREM-Talimarjan Power Generation and Transmission	Energy	UZB	\$1.5 million (ADB)	2009	Ongoing	The power project will increase regional trade in electricity, improve the electricity supply in Uzbekistan, and reduce greenhouse gas emissions. The outputs of the project preparatory technical assistance include (i) a sector road map and policy framework; (ii) a financing plan; (iii) technical design and due diligence assessment; (iv) project financial and economic analysis, and financial management assessment of Uzbekenergo; (v) social safeguards framework and social and poverty assessment; (vi) initial environmental assessment; and (vii) bid specifications for	The following outputs have been completed: sector roadmap and policy framework; financing plan; technical design; due diligence assessments; project, financial and economic anlayses, and financial management assessment of Uzbekenergo; social safeguards framework, and social and poverty

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
						project implementation.	assessment; environmental impact assessment and initial environmental assessment. The bid specifications for project implementation are currently being prepared.
Kabul Distribution Network Rehabilitation	Energy	AFG	\$225,000 (ADB), \$5,000 (GAFG)	2009	Completed	The technical assistance is part of a multitranche financing facility for Afghanistan's Energy Sector Development Investment Program. The assistance aimed to produce a project feasibility study with detailed scope, technical specifications, and economic and financial analysis for the rehabilitation of Kabul's distribution network.	Outputs included the: Project feasibility study with detailed scope, technical specifications, and economic and financial analysis; and report on environment/social safeguards requirements and compliance.
Power Distribution Development Investment Program	Energy	AZE	\$1.0 million (ADB), \$0.2 million (GAZE)	2009	Ongoing	This technical assistance is part of a multitranche financing facility (MFF) for the Power Sector Development Investment Program which aims to improve power sector operation in Azerbaijan. Among its outputs are a power sector assessment, a distribution sector road map with updated investment and capacity development program, an MFF investment program, and technical design and due diligence assessment for selected Tranche 1 under MFF financing.	The following reports have been completed: power distribution sector roadmap with updated investment and capacity development program; MFF investment program; technical design for Tranche 1, financial and economic analysis, and financial management assessment; social safeguard framework and social and poverty assessment; pre-feasibility study report for future investment projects; and social impact assessment of proposed Janub Thermal Power Plant Project. Ongoing work is on the power sector master plan update, capacity development of EA's Investment Department, and

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Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects	Appendix 4
							assistance to develop EA's environmental management system.	ndix 4
Power Transmission Enhancement Project (Azerbaijan)	Energy	AZE	\$150,000 (ADB), \$40,000 (GAZE)	2008	Completed	The technical assistance will assess the construction of a double circuit 220-kilovolt (kV) transmission line with a total length of 280 kilometers between Mingechevir hydropower plant and the 500/330/220 kV Absheron substation to replace the existing 220 kV transmission lines.	The Study undertook a financial and economic review of the prefeasibility study report prepared by a local company. Further financial and economic analyses of the proposed project was conducted to identify financial management issues and undertake risk analysis. This report provided such additional information and assessment at both the corporate and project levels. In addition, the current review included analysis of actual financial statements and existing tariffs for the past two years. Using the findings and assumptions changes in assumptions and methodology were made as appropriate.	
Power Rehabilitation Phase II Project (Supplementary)	Energy	TAJ	\$500,000 (ADB), \$11,057 Supplementary (ADB), \$125,000 (GTAJ)	2007	Completed	The supplementary technical assistance budget for Tajikistan's power rehabilitation provides funding for currency fluctuations for the undisbursed contract amounts.	This project followed on from the Phase 1 Power Rehabilitation Project which is now in its implementation stage and is being jointly financed by the ADB, other similar institutions and Barki Tajik. The Power Rehabilitation Phase II builds on the Phase 1 work. This TA was conducted in two stages, essentially a pre-feasibility	

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
							stage and a feasibility stage. Volume 1 of the report contains a review of Barki Tajik's financial position, a review of the load forecast and analysis and recommendations on tariffs. It also contains an assessment of other measures that might reduce the winter deficit, including some possible optimisation of the operation of the Vakhsh cascade of HPPs. Capacity building and policy matters in the Energy Sector are addressed. Volume 2 of the report contains detailed investigation of possible rehabilitation options for the power system, and the recommended Rehabilitation Project.
Central Asia Regional Economic Cooperation (CAREC) Members Electricity Regulators Forum (CMERF)	Energy	CAREC	\$500,000 (ADB)	2007	Completed	The technical assistance enables energy regulators to make professional and objective regulatory decisions that will enhance energy trade and sound energy sector reforms in the CAREC region. Afghanistan, Azerbaijan, and People's Republic of China agreed that the CMERF program should focus on strengthening the professional capacity of regulatory experts. The technical assistance responds to this need by designing and delivering tailored training programs on specific regulatory topics, and organization of annual meetings.	The planned capacity building activities (i.e., two annual meetings and six training workshops), which were intended to help improve energy regulation, have been completed.

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
Central Asia-South Asia Regional Electricity Market Project	Energy	AFG, KGZ, TAJ	\$3 million (ADB), \$337,000 (GAFG, GKGZ, GPAK, GTAJ) (Shared)	2007	Ongoing	The project preparatory technical assistance aims to enhance the electricity trade and optimize the region's power resources by implementing a project which will initially export 1,000 megawatts of electricity from Tajikistan and the Kyrgyz Republic to Pakistan and Afghanistan. This will be done in two phases.	Phase 1 (project design and feasibility study agreed on by AFG, KGZ, PAK, and TAJ governments and ADB, and Phase 2 (detailed and in-depth analysis of the transmission interconnection between the governments) have been completed. However, ADB decided to suspend its involvement in the project and not to proceed with financing project implementation. The countries were advised that ADB's decision was reached due to: (1) limited ADF resources as a result of the financial crisis when countries requested emergency financial assistance, and (2) slow progress reaching an agreement by the countries on general commercial terms.
Mitigation of Trans-Boundary Air Pollution from Coal-Fired Power Plants in Northeast Asia	Energy	PRC, MON	\$900,000 (ADB), \$100,000 (GPRC), \$100,000 (GMON), \$100,000 (UNESCAP)	2006	Ongoing	The technical assistance enhances environmental cooperation among the People's Republic of China, Japan, Mongolia, and Republic of Korea) to reduce transboundary air pollution. Deliverables are air pollution abatement plans, power plant audit reports, emission standards and management documentation for Mongolian coal-fired power plants, workshops on capacity building and knowledge transfer, and a website and documentation to disseminate results.	Following are the expected outputs: Component 1. Air Pollution Abatement Plans Component 2. SO2 Emission Regulation and Compliance Component 3. Mongolian Power Plant Emission Standards Component 4. Knowledge Transfer and Dissemination Component 5. Demonstration Project and Management

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
							Schedule. All project activities are ongoing.
Establishment of the CAREC Members Electricity Regulators Forum	Energy	CAREC	\$500,000 (ADB), \$100,000 (GAZE, GPRC, GKAZ, GKGZ, GMON, GTAJ) (Shared), \$242,800 (PPIAF)	2005	Completed	The technical assistance supported the CAREC Members Electricity Regulators Forum to improve power sector regulation, promote sector reforms and power trade, and build the capacity of regional regulators. Key outputs are the organization of the Forum's second annual meeting in Kazakhstan and the analyses of five regionally relevant regulatory topics.	The Second Annual Meeting of the Forum was successfully organized in Almaty, Kazakhstan in September 2006. The Meeting covered the following main topics: (i) tariff design and social safety net; (ii) privatization of distribution company management; (iii) power utility costs; (iv) pricing of ancillary services; and (v) risk sharing in power purchase agreements. The international energy regulation experts engaged under the TA discussed the outlines and methodologies of the studies in detail and presented their interim findings. Internationally acclaimed energy regulation experts served as resource speakers and led discussions on aligning government and investor expectations, regulatory issues faced by private companies and regulators, and shared the lessons learned from electricity restructuring in transition countries.

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
Power Rehabilitation Phase II Project	Energy	TAJ	\$500,000 (ADB), \$11,057 Supplementary (ADB), \$125,000 (GTAJ)	2005	Completed	The technical assistance prepared the investment project that will rehabilitate and upgrade the existing facilities in southern Tajikistan, reviews the power sector, and proposes a sector development plan to insure the project's long-term sustainability. The project comprises of relocation of Nurek 500-and 220-kilovolt switchgears, rehabilitation and upgrading of the Vashkh River hydropower cascade, and rehabilitation of Khatlon region's power distribution system.	This project followed on from the Phase 1 Power Rehabilitation Project which is now in its implementation stage and is being jointly financed by the ADB, other similar institutions and Barki Tajik. The Power Rehabilitation Phase II builds on the Phase 1 work. This TA was conducted in two stages, essentially a pre-feasibility stage and a feasibility stage. Volume 1 of the report contains a review of Barki Tajik's financial position, a review of the load forecast and analysis and recommendations on tariffs. It also contains an assessment of other measures that might reduce the winter deficit, including some possible optimisation of the operation of the Vakhsh cascade of HPPs. Capacity building and policy matters in the Energy Sector are addressed. Volume 2 of the report contains detailed investigation of possible rehabilitation options for the power system, and the recommended Rehabilitation Project.

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Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
Improved Management of Shared Water Resources in Central Asia	Energy	KAZ, KGZ, TAJ, UZB	\$700,000 (ADB), \$150,000 (GKAZ, GKGZ, GTAJ, GUZB) (Shared)	2003	Completed	The technical assistance helped the Central Asian republics strengthen their cooperation in managing the shared water resources in the Aral Sea Basin and other transboundary basins. Outputs are an improved transboundary water management on a pilot basis (Chui-Talas), facilitation of water policy discussions, and capacity building of key regional water management institutions and national affiliates.	The TA's major achievements were: (i) for the first time since 2002, representatives of all the CARs resumed discussions on regional water policy and formed regional and national working groups; (ii) a new draft Syrdarya Agreement was developed with participation of all riparian states; (iii) two more draft agreements were prepared: the Amudarya Agreement and the Database and Information Exchange Agreement; (iv) the Chu Talas Joint River Commission, its Secretariat and working groups were established and supported under the TA; (v) the methodology for sharing the Operation & Maintenance cost on the Chu and Talas rivers was developed; (vi) a computerized water forecasting and allocation model for the Chu and Talas rivers was developed and tested; and (vii) a modern Water Management Information System, including water metering devices and application software, was installed at Kirov Reservoir on Talas River.

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects Key activities undertaken under the TA covered four
Feasibility Study for Power Transmission and Distribution Project	Energy	AFG	\$750,000 (ADB), \$150,000 (GAFG)	2003	Completed	The technical assistance supported the government's strategy for poverty reduction through economic growth by helping prepare a power transmission and distribution project. The project will ensure a sufficient and stable power supply for Kabul - identified as one of the key economic zones of Afghanistan and other major cities.	Key activities undertaken under the TA covered four major areas: (i) assessment of compliance with ADB's safeguard policies; (ii) economic and financial evaluations; (iii) analysis of the linkage among economic growth, poverty, and the power sector; and (iv) technical project design.
Energy Needs Assessment	Energy	UZB	\$600,000 (ADB)	2002	Completed	The technical assistance will help the government (i) strengthen the energy saving program in the power, natural gas, and district heating sectors; (ii) strengthen institutional and regulatory frameworks for the supply and consumption of commercial energy, and reform energy tariffs; (iii) identify the most effective energy-saving activities and projects; (iv) recommend options to mobilize required investments; (v) assess the potential of solar water-heating systems; and (vi) assess the potential for increased small-scale use of natural gas for power generation and use in vehicles.	The final study covered: (i) the power sector including generation, transmission and distribution; (ii) the review of steam, hot water and district heating systems; (iii) the natural gas sector and use of natural gas in distributed power generation; (iv) the review of the solar water heating systems; (v) institutional and regulatory frameworks; (vi) the energy tariff and economics; (vii) the review and recommendation for improvement of the draft energy saving program; and (viii) the pre-feasibility studies of the eight priority projects.
Feasibility Studies of the Turkmenistan-Afghanistan- Pakistan Natural Gas Pipeline Project	Energy	AFG	\$1 million (ADB)	2002	Completed	The technical assistance aimed to expand the use of natural gas resources and enhance subregional economic cooperation among Afghanistan, India, Pakistan, and Turkmenistan; and to increase contribution of the respective natural gas sectors in line with the needs of the market economy. The outcome is the technical feasibility and economic and financial viability of constructing and operating a gas pipeline from	the Final Report (i) selected a preliminary pipeline route, (ii) presented the pipeline design parameters that were considered reliable and safe, (iii) produced an environmental and social assessment of the southern route selected by

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
						Turkmenistan to Afghanistan, India, and Pakistan.	the three participating countries for further study, and (iv) prepared analyses of financial and economic viability of the Project. It concluded that the Project was economically and financially viable based on certain gas pricing assumptions and a number of scenarios and sensitivities.
Hydropower Development Strategy	Energy	TAJ	\$600,000 (ADB), \$120,000 (GTAJ)	2002	Completed	The technical assistance helped Tajikistan prepare a hydropower development strategy that will identify the optimal energy development program to meet domestic energy requirements and realize export opportunities. It also reviewed completed and ongoing energy and power sector studies, established load forecasts for domestic and export hydropower markets, and considered new candidate projects.	The final report covered: (i) the power sector development and load forecast for Tajikistan until 2015; (ii) the candidate hydropower projects, mainly, Rogun, Sangtuda I and II; (iii) the anticipated power market for the additional generation within and outside Central Area; and (iv) the required expansion of transmission facilities within and outside Tajikistan. Workshops and training seminars were organized under the TA. The TA also financed a survey of the future interconnection between Tajikistan to Pakistan via Afghanistan.
Regional Gas Transmission Improvement Project in the Central Asian Republics	Energy	KAZ, KGZ, TAJ, UZB	\$900,000 (ADB), \$56,000 (GKAZ), \$56,000 (GKGZ), \$56,000 (GTAJ), \$56,000 (GTKM), \$56,000 (GUZB)	2002	Completed	The technical assistance helped Kazakhstan, Kyrgyz Republic, Tajikistan, Turkmenistan, and Uzbekistan formulate a strategy to improve gas transmission, and investment and action plans to implement the strategy for promoting efficient gas trade in the region. A regional project to improve the gas transmission network is formulated to facilitate access to modern energy by the rural poor,	Comprehensive feasibility studies were prepared for the rehabilitation and expansion of the Uzbekistan to Almaty and Uzbekistan to Dushanbe pipelines. These studies highlighted that two regional pipelines require urgent rehabilitation, i.e.,

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
						regional major cities, and commercial centers.	the Kyrgyz section of the Tashkent-Bishkek-Almaty (TBA) pipeline and the Tajik section of the Uzbekistan to Dushanbe pipeline. In addition to the final report, a detailed project brief was prepared to provide potential cofinanciers with relevant background information and identify financing requirements and other issues related to the two pipeline rehabilitation projects.
Improving Barki Tajik's Billing and Collection System	Energy	TAJ	\$500,000 (ADB)	2000	Completed	The technical assistance, associated with a loan for Tajikistan's Power Rehabilitation Project, aimed to develop a computerized billing and collection system to improve Barki Tajik's customer management, implement the improved system on a pilot basis in a selected large electricity distribution subsidiary of Barki Tajik, and prepare recommendations for replicating the billing and collection system in all of Barki Tajik's subsidiaries.	The project outputs consisted of the pilot billing and collection system, computer software and hardware, training modules and study tour. The main outcomes were: (i) an automated system that added a significant number of general residential and commercial customers to the central database; (ii) improved billing process; (iii) increased average collection rate in the pilot area; and (iv) increase in disconnection for non-payment.

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
Regional Power Transmission Modernization Project in the Central Asian Republics	Energy	CAREC	\$900,000 (ADB), \$280,000 (GKAZ, GKGZ, GTAJ, GTKM, GUZB) (Shared)	2000	Completed	The technical assistance helped in preparing the project to improve the operation and efficiency of the regional power transmission system and enhance economic regional power trade and cooperation among the Central Asian republics.	The Final Report consists of three main parts. The first part deals with the framework into which the transmission modernization project is to be integrated. This relates to the energy and power sectors covering supply and demand aspects, institutional and restructuring issues as well as tariff and revenue issues. It also covers policy issues and policy dialogue requirements, regional trade issues as well as environmental protection and poverty reduction strategies. The second part describes the project proposed by the TA in detail. It provides the necessary information on expected costs and financing of the project with analyses of implementation arrangements and the implementing agencies in the participating countries. The third part provides justification for the Project from economic, financial, environmental and social/poverty-related viewpoints.

Title	Sector	Countries	Amount and Funding Agency	Year	Status	Brief Description of Project	Outputs of Completed Projects / Status of Activities of Ongoing Projects
OTHERS							
Regional Economic Integration in Central Asia: Stocktaking and Experience Sharing	Others	CAREC	\$900,000 (ADB)	2009	Ongoing	The technical assistance produces (i) a stocktaking and assessment report on existing regional cooperation and integration (RCI) institutions in Central Asia; (ii) research papers on RCI institutions in the region; (iii) workshops and seminars to discuss research papers and disseminate their findings; and (iv) training programs for government officials and regional institutions on selected RCI topics.	Progress to date not available in Project Information Document (PID) or TA Progress Report (TPR).
Capacity Development for Regional Cooperation in the People's Republic of China and Mongolia	Others	PRC, MON	\$150,000 (GPRC, GMON) (Shared), \$750,000 (ADB)	2007	Ongoing	The technical assistance will strengthen the institutional and human capacity for regional cooperation within the governments of the People's Republic of China (PRC) and Mongolia. It will support the effective functioning of national focal points and/or national secretariats for regional cooperation in the PRC and Mongolia, particularly with regard to policy planning, coordination, and strategic management relevant programs.	The expected outputs are: (i) stronger coordination of regional initiatives at the country level; (ii) national and provincial strategies for regional cooperation programs; (iii) studies to deepen regional cooperation conducted in selected sectors; (iv) policy and project proposals for regional cooperation developed through consultations and workshops; (v) a core group of senior and midlevel government officials responsible for regional cooperation programs trained: and (vi) an international expert group for Pan-Beibu Gulf Economic Cooperation Forum established. Progress to date is as follows: (i) in-country consultations have been conducted; (ii) strategies for the Yunnan Province, IMAR and MON have been prepared; (iii) in-country regional cooperation coordinators

Title	Sector	Countries	Amount and	Year	Status	Brief Description of Project	Outputs of Completed
nue	Sector	Countries	Funding Agency	Teal	Status	bhei bescription of Project	Projects / Status of Activities of Ongoing Projects
							have been engaged; (iv) the international expert group has been formed and has met three times; (v) sector studies are being planned to identify priority actions.
Support Preparations for CAREC Business Development Forum	Others	CAREC	\$200,000 (ADB)	2006	Completed	The technical assistance supported the establishment of the Business Development Forum (BDF) to achieve deepened awareness of the region and draw attention to investment opportunities available; established an effective public-private partnership mechanism for regional cooperation; improved the business environment by adopting relevant policy reforms; and developed the business sector's capacities in undertaking regional business.	The BDF effectively explored potential partnerships between private and public sectors and across private businesses in support of regional cooperation initiatives in Central Asia. A final report was prepared which contained general and sector recommendations with a view to generating investment and, consequently, spurring sustainable growth and development in the region
Remittances and Poverty in Central Asia and South Caucasus	Others	AZE, KAZ, KGZ, TAJ	\$1.3 million (ADB)	2006	Completed	The technical assistance aimed to increase the positive effects of remittances on poverty in Central Asia and South Caucasus. The expected outcome is improved knowledge of remittance flows and understanding of their effects on poverty in individual Central Asian and South Caucasian countries covered by the project, and the region as a whole.	The TA produced: (i) a draft regional report on remittances in Central Asia and South Caucasus; and (ii) draft country reports on remittances in individual countries of Central Asia and South Caucasus covered by the TA.

CAREC Corridor Map

