



Board of Directors

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Country Operations Business Plan: Uzbekistan, 2020–2022

Attached for information is a paper on the above subject.

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Country Operations Business Plan

October 2019

Uzbekistan
2020–2022

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Asian Development Bank

CURRENCY EQUIVALENTS

(as of 3 October 2019)

Currency unit	–	sum (SUM)
SUM1.00	=	\$0.00011
\$1.00	=	SUM9447

ABBREVIATIONS

ADB	–	Asian Development Bank
COBP	–	country operations business plan
COL	–	concessional ordinary capital resources lending
CPS	–	country partnership strategy
OCR	–	ordinary capital resources

NOTE

In this report, “\$” refers to United States dollars.

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I. CONSISTENCY OF BUSINESS PLAN WITH COUNTRY PARTNERSHIP STRATEGY

1. The country operations business plan (COBP), 2020–2022 of the Asian Development Bank (ADB) for Uzbekistan is consistent with the recent government initiatives and the country partnership strategy (CPS), 2019–2023 for Uzbekistan. The key objective of the CPS is to support the country's move toward a vibrant and inclusive market economy, including the transformation of the state's role. The government's ultimate objectives of improving the quality of people's lives and enabling the creation of quality jobs can only be achieved by developing a robust private sector and reducing the state's pervasive footprint in the economy. ADB will assist in this transition by providing policy advice, investments, and capacity development in three strategic areas: (i) supporting private sector development, (ii) reducing economic and social disparities, and (iii) promoting regional cooperation and integration. The CPS is aligned with the operational priorities of ADB's Strategy 2030: (i) strengthening governance and institutional capacity, (ii) addressing remaining poverty and reducing inequalities, (iii) promoting rural development and food security, and (iv) fostering regional cooperation and integration.¹ The CPS is also in line with the national development strategy, 2017–2021 and the subsequent reform agenda.²

II. INDICATIVE RESOURCE PARAMETERS

2. Uzbekistan, a Group B developing member country, is eligible for regular ordinary capital resources (OCR) lending and concessional OCR lending (COL). The indicative resources available for commitment during 2020–2022 for sovereign operations total \$2,358 million, comprising \$1,528 million for regular OCR lending and \$830 million in COL. The final allocation will depend on available resources, project readiness, and the outcome of the country performance assessments. Cofinancing and funding from other sources, including the regional pool under concessional resources, will be explored. The proposed cumulative lending program for the 3-year period is \$3,057 million. Overprogramming of 30% is included to place the program on the trajectory for a scale-up, as requested by the government, and to allow for greater project implementation readiness.³ In addition to public sector assistance, ADB will explore direct investments in private sector undertakings, mainly in agribusiness, finance, and other areas that support employment, export promotion, innovation, and energy efficiency. Technical assistance grants totaling \$19.1 million will be extended for project preparation, demand-led reforms, capacity development, and knowledge management.

3. The areas of intervention and the indicative resource allocation for each sector are in Appendix 1. The list of linked documents is in Appendix 2. The updated lending and nonlending programs are in Appendixes 3 and 4. The list of indicative knowledge publications and events for 2020 is in Appendix 5.

¹ ADB. 2018. *Strategy 2030: Achieving a Prosperous, Inclusive, Resilient, and Sustainable Asia and the Pacific*. Manila.

² Government of Uzbekistan. 2017. Presidential Decree No. 4947. *On Strategy of Actions for Further Development of Uzbekistan*. Tashkent. The national development strategy outlines five priority areas of reforms, including those in governance, public administration, and economic and social development. The government further elaborated on the direction of reforms in numerous other legislative acts, such as the Concepts of Administrative Reform and Innovative Development, and the Reform Roadmap for 2019–2021.

³ To meet the excess demand of 33% in the regular OCR lending pipeline, other sources will be explored: (i) uncommitted OCR, and (ii) external sources. The concessional OCR lending (COL) pipeline for 2020–2022 exceeds the indicative resources available for commitment for COL by 24%; other sources—(i) COL savings, (ii) COL regional resources, and (iii) external sources—will be explored to meet the excess demand.

COUNTRY ASSISTANCE RESULTS AREAS

Key Country Development Outcomes that ADB Contributes to	ADB		
	Key Areas of Assistance	Indicative Resource Available for Commitment in 2020–2022 ^a	Changes from Last COBP ^b
1. Agriculture, Natural Resources, and Rural Development CPS priority area: Promotion of exports based on comparative advantages			
Enhancement of export potential of horticulture	Agriculture finance Rural market infrastructure Rural enterprise development Water resource management	\$520 million (all from COL) for 2020–2022, 17% of total COBP envelope \$50 million in potential cofinancing	
2. Education CPS priority area: Enabling environment for private sector development			
Development of modern labor skills, labor-market monitoring, and upgraded curriculum and education or training processes to ensure industry–education links and competency-based learning ^c	Technical and vocational education and training Labor market and system Secondary education (in STEM)	\$150 million (all from COL) for 2020–2022, 5% of total COBP envelope	
3. Energy CPS priority area: Enabling environment for private sector development and transformation of state's role in the economy			
Reform of SOEs in the energy sector, and mitigation of infrastructure constraints for private sector development	Combined-cycle power generation Solar and other renewable power generation Energy efficiency, distribution loss reduction Energy transmission Policy and regulation	\$600 million (all from regular OCR) for 2020–2022, 20% of total COBP envelope \$400 million in potential cofinancing	
4. Finance CPS priority area: Provision of equal access to economic opportunities and enabling environment for private sector development			
Reduction of state involvement in financial intermediation Broadening of access to finance for women	Finance for small and medium-sized enterprises Inclusive finance Money and capital markets Finance sector management and finance reforms Housing finance	\$300 million (all from regular OCR) for 2020–2022, 10% of total COBP envelope	
5. Health CPS priority area: Reducing economic and social disparities			
Improvement of access to quality health service delivery ^c	Mother and child health care Health system development	\$100 million (all from COL) for 2020–2022, 3% of total COBP envelope \$50 million in potential cofinancing	

Key Country Development Outcomes that ADB Contributes to	ADB		
	Key Areas of Assistance	Indicative Resource Available for Commitment in 2020–2022 ^a	Changes from Last COBP ^b
6. Public sector management CPS priority area: Enabling environment for private sector development and transformation of state's role in the economy			
Reduction of state involvement in financial intermediation Reform of SOEs in energy and transport sectors Improvement of access to infrastructure and social services through PPPs	Public expenditure and fiscal management Reforms of SOEs and corporate governance More enabling support for PPPs Economic management and macroeconomic stability	\$200 million (all from regular OCR) for 2020–2022, 6% of total COBP envelope	
7. Transport CPS priority area: Reduction of distance between regional economies and promotion of trade in Central Asia			
Improvement of regional transport connectivity Facilitation of bilateral trade with neighboring countries	Rehabilitation of highways and national roads Road maintenance and asset management Road safety Railway electrification Fostering PPP in road construction and maintenance	\$767 million (all from regular OCR) for 2020–2022, 25% of total COBP envelope \$280 million in potential cofinancing	
8. Water and Other Urban Infrastructure and Services CPS priority area: Equitable improvement of living standards in cities and small towns			
Upgrading of urban services infrastructure. Integrated urban planning and management for selected cities and towns	Drinking water and sanitation system improvement Garbage collection and waste disposal Urban governance and planning	\$420 million (\$160 million from regular OCR, and \$260 million from COL) for 2020–2022, 14% of total COBP envelope. \$200 million in potential cofinancing	

ADB = Asian Development Bank; COBP = country operations business plan; COL = concessional OCR lending; CPS = country partnership strategy; OCR = ordinary capital resources; PPP = public–private partnership; SOE = state-owned enterprise; STEM = science, technology, engineering, math.

^a To meet the excess demand of 33% in the regular OCR lending pipeline, other sources will be explored: (i) uncommitted OCR, and (ii) external sources. The concessional OCR lending (COL) pipeline for 2020–2022 exceeds the indicative resources available for commitment for COL by 24%; other sources—(i) COL savings, (ii) COL regional resources, and (iii) external sources—will be explored to meet the excess demand. The total indicative resource allocation for lending product cofinancing during 2020–2022 is \$980 million.

^b This is the first COBP following the CPS, 2019–2023.

^c The results framework of the CPS, 2019–2023 does not incorporate an outcome statement related to the respective sector because its operations are complementary to the CPS's respective strategic area.

Source: Asian Development Bank estimates.

LIST OF LINKED DOCUMENTS

<http://www.adb.org/Documents/COBP/?id=UZB-2020>

1. Portfolio at a Glance: Uzbekistan

INDICATIVE ASSISTANCE PIPELINE

Table A3.1: Lending Products, 2020–2022

Table A3.1: Lending Products, 2020-2022						Cost (\$ million)						
Project/Program Name ^a	Sector	Poverty Targeting	Operational Priority	Division	Year of TRTA/ PRF	Total	ADB			Gov't	Co-finance ^d	
							Regular OCR ^b	COL ^c	ADF Grants			
2020 Firm												
Skills Development for a Modern Economy Project	EDU	GI	OP1, OP6	CWSS	2017	100.0	0.0	100.0	0.0	100.0	0.0	0.0
Regional Gas Transmission Efficiency Enhancement Program (SDP)	ENE	GI	OP6, OP7	CWEN	2019	600.0	300.0	0.0	0.0	300.0	0.0	300.0 (TBD)
Financial Markets Development Program, Subprogram 1 (PBL)	FIN	GI	OP1, OP6	CWPF	2019	100.0	100.0	0.0	0.0	100.0	0.0	0.0
CAREC Corridor 2 Karakalpakstan Road Project (A380 Kungrad to Daut-Ata Section)	TRA	GI	OP1, OP7	CWTC	2018	300.0	200.0	0.0	0.0	200.0	0.0	100.0 (TBD)
Solid Waste Sector Development Program	WUS	GI	OP1, OP6	CWUW	2019	152.2	60.0	0.0	0.0	60.0	92.2	0.0
Tashkent Province Sewerage Improvement Project	WUS	GI	OP1, OP5	CWUW	2019	185.0	0.0	160.0	0.0	160.0	25.0	0.0
Water Supply and Sanitation Sector Development Program	WUS	GI	OP1, OP6	170CWU W	2019	200.0	0.0	100.0	0.0	100.0	0.0	100.0 (TBD)
Total						1,637.2	660.0	360.0	0.0	1,020.0	117.2	500.0
2020 Standby												
Infrastructure for Rural Productivity Enhancement Project	ANR	GI	OP1, OP5	CWER	2020	150.0	0.0	100.0	0.0	100.0	0.0	50.0 (TBD)
Climate Adaptive Water Resources Management in the Aral Sea Basin	ANR	GI	OP1, OP5, OP7	CWER	2020	150.0	0.0	150.0	0.0	150.0	0.0	0.0
Secondary Education Investment in STEM Project	EDU	GI	OP1, OP5	CWSS	2020	50.0	0.0	50.0	0.0	50.0	0.0	0.0
Small Business Finance and Rural Financial Inclusion Project (FIL)	FIN	GI	OP1, OP5	CWPF	2019	100.0	100.0	0.0	0.0	100.0	0.0	0.0
Regional Energy Transmission and Dispatch Enhancement Project	ENE	GI	OP1, OP5, OP6	CWEN	2019	400.0	200.0	0.0	0.0	200.0	100.0	100.0 (TBD)
Improving Perinatal Services Project	HLT	GI	OP1, OP5, OP6	CWSS	2020	150.0	0.0	100.0	0.0	100.0	0.0	50.0 (TBD)

Project/Program Name ^a	Sector	Poverty Targeting	Operational Priority	Division	Year of TRTA/ PRF	Cost (\$ million)						
						Total	ADB			Gov't	Co-finance ^d	
							Regular OCR ^b	COL ^c	ADF Grants			Total
Bukhara–Miskin–Urgench–Khiva Railway Electrification Project	TRA	GI	OP7	CWTC	2020	250.0	170.0	0.0	0.0	170.0	0.0	80.0 (AIIB)
Total						1,250.0	470.0	400.0	0.0	870.0	100.0	280.0
2021 Firm												
Infrastructure for Rural Productivity Enhancement Project	ANR	GI	OP1, OP5	CWER	2020	150.0	0.0	100.0	0.0	100.0	0.0	50.0 (TBD)
Climate Adaptive Water Resources Management in the Aral Sea Basin	ANR	GI	OP1, OP5, OP7	CWER	2020	150.0	0.0	150.0	0.0	150.0	0.0	0.0
Secondary Education Investment in STEM Project	EDU	GI	OP1, OP5, OP6	CWSS	2020	50.0	0.0	50.0	0.0	50.0	0.0	0.0
Regional Energy Transmission and Dispatch Enhancement Project	ENE	GI	OP1, OP5, OP6	CWEN	2019	400.0	200.0	0.0	0.0	200.0	100.0	100.0 (TBD)
Small Business Finance and Rural Financial Inclusion Project (FIL)	FIN	GI	OP1, OP5	CWPF	2019	100.0	100.0	0.0	0.0	100.0	0.0	0.0
Improving Perinatal Services Project	HLT	GI	OP1, OP5, OP6	CWSS	2020	150.0	0.0	100.0	0.0	100.0	0.0	50.0 (TBD)
Navoi–Bukhara Regional Road Development Project	TRA	GI	OP1, OP7	CWTC	2019	230.0	100.0	0.0	0.0	100.0	30.0	100.0 (TBD)
Bukhara–Miskin–Urgench–Khiva Railway Electrification Project	TRA	GI	OP7	CWTC	2020	250.0	170.0	0.0	0.0	170.0	0.0	80.0 (AIIB)
Integrated Urban Development Program	WUS	GI	OP1, OP6	CWUW	2019	200.0	100.0	0.0	0.0	100.0	0.0	100.0 (TBD)
Total						1,680.0	670.0	400.0	0.0	1,070.0	130.0	480.0
2021 Standby												
Guzar–Bukhara–Nukus–Beyneu Road Reconstruction Project	TRA	GI	OP1, OP7	CWTC	2021	170.0	170.0	0.0	0.0	170.0	0.0	0.0
CAREC Corridor 2 Pap–Namangan–Andijan Railway Electrification Project (additional financing)	TRA	GI	OP7	CWTC	2019	70.0	70.0	0.0	0.0	70.0	0.0	0.0
Renewable Power Project	ENE	GI	OP5	CWEN	2020	120.0	100.0	0.0	0.0	100.0	20.0	0.0
Total						360.0	340.0	0.0	0.0	340.0	20.0	0.0

Project/Program Name ^a	Sector	Poverty Targeting	Operational Priority	Division	Year of TRTA/ PRF	Cost (\$ million)						
						ADB						Co-finance ^d
						Total	Regular OCR ^b	COL ^c	ADF Grants	Total	Gov't	
2022 Firm												
Agro-logistical Infrastructure Expansion Project	ANR	GI	OP1, OP5	CWER	2022	150.0	0.0	150.0	0.0	150.0	0.0	0.0
Livestock Feed and Fodder Commercialization Project	ANR	GI	OP1, OP5	CWER	2021	120.0	0.0	120.0	0.0	120.0	0.0	0.0
Renewable Power Project	ENE	GI	OP5	CWEN	2020	120.0	100.0	0.0	0.0	100.0	20.0	0.0
Financial Markets Development Program, Subprogram 2 (PBL)	FIN	GI	OP1, OP6	CWPF	2019	100.0	100.0	0.0	0.0	100.0	0.0	0.0
Economic Management Improvement Program 2, Subprogram 1 (PBL)	PSM	GI	OP6	CWPF	2022	200.0	200.0	0.0	0.0	200.0	0.0	0.0
Almaty–Bishkek–Tashkent–Termez Road Reconstruction Project (1037-1081 km section) ^e	TRA	GI	OP1, OP7	CWTC	2021	57.0	57.0	0.0	0.0	57.0	0.0	0.0
Guzar–Buhkara–Nukus–Beyneu Road Reconstruction Project	TRA	GI	OP1, OP7	CWTC	2021	170.0	170.0	0.0	0.0	170.0	0.0	0.0
CAREC Corridor 2 Pap–Namangan–Andijan Railway Electrification Project (additional financing)	TRA	GI	OP7	CWTC	2019	70.0	70.0	0.0	0.0	70.0	0.0	0.0
Total						987.0	697.0	270.0	0.0	967.0	20.0	0.0

Project/Program Name ^a	Sector	Poverty Targeting	Operational Priority	Division	Year of TRTA/ PRF	Cost (\$ million)						
						Total	ADB			Gov't	Co-finance ^d	
							Regular OCR ^b	COL ^c	ADF Grants			Total
2022 Standby												
Bishkek–Dushanbe–Termez Road Reconstruction Project (1444-1618 km section) ^e	TRA	GI	OP1, OP7	CWTC	2022	350.0	350.0	0.0	0.0	350.0	0.0	0.0
Rehabilitation of Darband-Denov Road Project (113 km)	TRA	GI	OP1, OP7	CWTC	2022	136.0	136.0	0.0	0.0	136.0	0.0	0.0
Secondary Education Investment in STEM Project (additional financing)	EDU	GI	OP1, OP5, OP6	CWSS	2020	50.0	0.0	50.0	0.0	50.0	0.0	0.0
Mortgage Market Development Project (SDP)	FIN	GI	OP6	CWPF	2017	200.0	200.0	0.0	0.0	200.0	0.0	0.0
Total						736.0	686.0	50.0	0.0	736.0	0.0	0.0

ADB = Asian Development Bank; ADF = Asian Development Fund; AIIB = Asian Infrastructure Investment Bank; ANR = agriculture, natural resources, and rural development; CAREC = Central Asia Regional Economic Cooperation; COL = concessional OCR lending; CWEN = Energy Division; CWER = Environment, Natural Resources, and Agriculture Division; CWPF = Public Management, Financial Sector and Trade Division; CWSS = Social Sector Division; CWTC = Transport and Communications Division; CWUW = Urban Development and Water Division; EDU = education; ENE = energy; FIL = financial intermediary loan; FIN = finance; GI = general intervention; Gov't = government; HLT = health; km = kilometers; OCR = ordinary capital resources; OP1 = addressing remaining poverty and reducing inequalities; OP5 = promoting rural development and food security; OP6 = strengthening governance and institutional capacity; OP7 = fostering regional cooperation and integration; PBL = policy-based lending; PRF = project readiness facility; PSM = public sector management; SDP = sector development program; STEM = science, technology, engineering, math; TBD = to be determined; TRA = transport; TRTA = transaction technical assistance; WUS = water and other urban infrastructure and services.

^a Given the provisional nature of the indicative lending program, the composition of the lending instruments actually delivered may change.

^b To meet the excess demand in the regular OCR lending pipeline, other sources will be explored, including (i) uncommitted OCR, and (ii) external sources.

^c The concessional OCR lending (COL) pipeline for 2020–2022 exceeds the indicative resources available for commitment for COL by 24%; other sources—such as (i) COL savings, (ii) COL regional resources, and (iii) external sources—will be explored to meet the excess demand.

^d Cofinancing sources to be determined unless stated otherwise.

^e The project scope is within the territory of Uzbekistan.

Source: Asian Development Bank.

Table A3.2: Nonlending Products and Services, 2020–2022

Assistance Name	Sector	Division	Assistance Type	Sources of Funding				
				ADB		Others		Total (\$'000)
				Source	Amount (\$'000)	Source	Amount (\$'000)	
2020								
Strengthening Food Security Management	ANR	CWER	KSTA	TASF	1,000			1,000
Secondary Education Investment in STEM Project	EDU	CWSS	TRTA	TASF	1,000			1,000
Renewable Power Project	ENE	CWER	TRTA	TASF	1,000			1,000
Financial Markets Development Program, Subprogram 2	FIN	CWPF	TRTA	TASF	1,000			1,000
Improving Perinatal Service Project	HLT	CWSS	TRTA	TASF	1,000			1,000
Bukhara–Miskin–Urgench–Khiva Railway Electrification Project	TRA	CWTC	TRTA	TASF	1,000			1,000
Strengthening the Urban Planning Capacity	WUS	CWUW	KSTA	TASF	1,000			1,000
Total					7,000			7,000
2021								
Livestock Feed and Fodder Commercialization Project	ANR	CWER	TRTA	TASF	1,000			1,000
Effective Macroeconomic Management Project	PSM	URM	KSTA	TASF	1,500			1,500
Project Management Capacity of Government	PSM	URM	KSTA	TASF	1,500			1,500
Almaty–Bishkek–Tashkent–Termez Road Reconstruction Project (1037-1081 km section) ^a	TRA	CWTC	TRTA	TASF	1,000			1,000
Guzar–Buhkara–Nukus–Beyneu Road Reconstruction Project	TRA	CWTC	TRTA	TASF	1,000			1,000
Support for Formulation of National Development Strategy for 2022–2026	MUL	URM	KSTA	TASF	600			600
Total					6,600			6,600
2022								
Agro-logistical Infrastructure Expansion Project	ANR	CWER	TRTA	TASF	1,000			1,000
Economic Management Improvement Program 2	PSM	CWPF	TRTA	TASF	1,000			1,000
Bishkek–Dushanbe–Termez Road Reconstruction Project (1444-1618 km section) ^a	TRA	CWTC	TRTA	TASF	1,000			1,000
Rehabilitation of Darband-Denov Road Project (113 km)	TRA	CWTC	TRTA	TASF	2,500			2,500
Total					5,500			5,500

ADB = Asian Development Bank; ANR = agriculture, natural resources, and rural development; CWER = Environment, Natural Resources, and Agriculture Division; CWPF = Public Management, Financial Sector and Trade Division; CWSS = Social Sector Division; CWTC = Transport and Communications Division; CWUW = Urban Development and Water Division; EDU = education; ENE = energy; FIN = finance; HLT = health; km = kilometers; KSTA = knowledge and support technical assistance; MUL = multisector; PSM = public sector management; STEM = science, technology, engineering, math; TASF = Technical Assistance Special Fund; TRA = transport; TRTA = transaction technical assistance; URM = Uzbekistan Resident Mission; WUS = water and other urban infrastructure and services.

^a The project scope is within the territory of Uzbekistan.

Source: Asian Development Bank.

ASSISTANCE PROGRAM FOR THE CURRENT YEAR

Table A4.1: Lending Products, 2019

Table A.1. Lending Products, 2010						Cost (\$ million)						
Project/Program Name ^a	Sector	Poverty Targeting	Operational Priority	Division	Year of TRTA/ PRF	ADB					Gov't	Co-finance
						Total	Regular OCR	COL	ADF Grants	Total		
Firm												
Horticulture Value Chain Infrastructure Project	ANR	GI	OP1, OP5, OP7	CWER	2017	197.0	0.0	197.0	0.0	197.0	0.0	0.0
Livestock Value Chain Development Project (FIL)	ANR	GI	OP1, OP5	CWER	2018	332.0	0.0	150.0	0.0	150.0	0.0	182.0 (AFD)
Sustainable Hydropower Project	ENE	GI	OP1, OP5	CWEN	2016	75.0	60.0	0.0	0.0	60.0	15.0	0.0
Distribution Network Modernization Program	ENE	GI	OP1, OP5	CWEN	2019	300.0	300.0	0.0	0.0	300.0	0.0	0.0
Mortgage Market Development Project (SDP)	FIN	GI	OP6	CWPF	2017	200.0	150.0	50.0	0.0	200.0	0.0	0.0
Economic Management Improvement Program, Subprogram 2 (PBL)	PSM	GI	OP6	CWPF	2017	950.0	300.0	0.0	0.0	300.0	0.0	500.0 (WB), 150.0 (AFD)
Railway Efficiency Improvement Project	TRA	GI	OP7	CWTC	2017	170.0	170.0	0.0	0.0	170.0	0.0	0.0
Second Tashkent Province Water Supply System Development Project	WUS	GI	OP1	CWUW	2017	105.3	0.0	105.3	0.0	105.3	0.0	0.0
Urban Services Project Readiness Facility (PRF) ^b	WUS	GI	OP1, OP5	CWUW		15.0	15.0	0.0	0.0	15.0	0.0	0.0
Total						2,344.3	995.0	502.3	0.0	1,497.3	15.0	832.0

Project/Program Name ^a	Sector	Poverty Targeting	Operational Priority	Division	Year of TRTA/ PRF	Cost (\$ million)						
						Total	ADB		ADF Grants	Total	Gov't	Co-finance
							Regular OCR	COL				
Standby												
Skills Development for a Modern Economy Project	EDU	GI	OP1, OP6	CWSS	2017	100.0	0.0	100.0	0.0	100.0	0.0	0.0
Regional Gas Transmission Efficiency Enhancement Program (SDP)	ENE	GI	OP6, OP7	CWEN	2019	600.0	300.0	0.0	0.0	300.0	0.0	300.0 (TBD)
Solid Waste Sector Development Program	WUS	GI	OP1	CWUW	2019	152.2	60.0	0.0	0.0	60.0	92.2	0.0
Tashkent Province Sewerage Improvement Project	WUS	GI	OP1, OP5	CWUW	2019	185.0	0.0	160.0	0.0	160.0	25.0	0.0
Total						1,037.2	360.0	260.0	0.0	620.0	117.2	300.0

ADB = Asian Development Bank; ADF = Asian Development Fund; AFD = Agence Française de Développement (French Development Agency); ANR = agriculture, natural resources, and rural development; COL = concessional OCR lending; CWEN = Energy Division; CWER = Environment, Natural Resources, and Agriculture Division; CWPf = Public Management, Financial Sector and Trade Division; CWSS = Social Sector Division; CWTC = Transport and Communications Division; CWUW = Urban Development and Water Division; EDU = education; ENE = energy; FIL = financial intermediary loan; FIN = finance; GI = general intervention; Gov't = government; OCR = ordinary capital resources; OP1 = addressing remaining poverty and reducing inequalities; OP5 = promoting rural development and food security; OP6 = strengthening governance and institutional capacity; OP7 = fostering regional cooperation and integration; PBL = policy-based lending; PRF = project readiness facility; PSM = public sector management; RBL = results-based lending; SDP = sector development program; TBD = to be determined; TRA = transport; TRTA = transaction technical assistance; WB = World Bank; WUS = water and other urban infrastructure and services.

^a Given the provisional nature of the indicative lending program, the composition of the lending instruments actually delivered may change.

^b The project will support the preparation of detailed engineering designs for (i) Solid Waste Sector Development Program (2020 firm); (ii) Tashkent Province Sewerage Improvement Project (2020 firm); (iii) Water Supply and Sanitation Sector Development Program (2020 firm); and (iv) Integrated Urban Development Program (2021 firm).

Source: Asian Development Bank.

Table A4.2: Nonlending Products and Services, 2019

Assistance Name	Sector	Division	Assistance Type	Sources of Funding				Total (\$'000)
				ADB		Others		
				Source	Amount (\$'000)	Source	Amount (\$'000)	
Preparing the Climate Adaptive Water Resources Management in the Aral Sea Basin Program	ANR	CWER	TRTA	TASF	1,200			1,200
Preparing the Infrastructure for Rural Productivity Enhancement Project	ANR	CWER	TRTA	TASF	1,000			1,000
Preparing the Skills Development for a Modern Economy Project	EDU	CWSS	TRTA	TASF	720			720
Preparing Sustainable Energy Investment Projects	ENE	CWEN	TRTA-F	TASF	2,150			2,150
Strengthening Institutional Capacity to Support Energy Reform	ENE	CWEN	TRTA	TASF	1,000			1,000
Uzbekneftegas Corporate Transformation (TA 9565:Additional financing)	ENE	CWEN	KSTA			RCIF	700	700
Enhancing Climate Resilience of Hydropower Plants in Uzbekistan	ENE	CWEN	TRTA			ACEF	1,000	1,000
Preparing the Small Business Finance and Rural Financial Inclusion Project	FIN	CWPF	TRTA	TASF	150			150
Mortgage Market Development Program	FIN	CWPF	TRTA	TASF	800			800
Support to the Operationalization of the Uzbekistan Mortgage Refinancing Company	FIN	CWPF	KSTA			EAKPF	500	500
Preparing the Financial Markets Development Program	FIN	CWPF	TRTA	TASF	500	FSDPSF	350	850
Economic Management Improvement Program (TA 9538: additional financing)	FIN	CWPF	TRTA	TASF	300			300
Uzbekistan International Arbitration Reform	PSM	CWRC	KSTA	TASF	225			225
Surkhandarya Regional Road Project	TRA	CWTC	TRTA	TASF	1,200			1,200

Assistance Name	Sector	Division	Assistance Type	Sources of Funding				Total (\$'000)
				ADB		Others		
				Source	Amount (\$'000)	Source	Amount (\$'000)	
Preparing Railway Modernization Projects	TRA	CWTC	TRTA	TASF	600			600
Preparing Urban Development and Improvement Projects ^a	WUS	CWUW	TRTA-F	TASF	3,000	PRC Fund	1,000	4,000
Total					12,845		3,550	16,395

ACEF = Asia Clean Energy Fund; ADB = Asian Development Bank; ANR = agriculture, natural resources, and rural development; CWEN = Energy Division; CWER = Environment, Natural Resources, and Agriculture Division; CWPf = Public Management, Financial Sector and Trade Division; CWRC = Regional Cooperation and Operations Coordination Division; CWSS = Social Sector Division; CWTC = Transport and Communication Division; CWUW = Urban Development and Water Division; EAKPF = e-Asia and Knowledge Partnership Fund; EDU = education; ENE = energy; FIN = finance; FSDPSF = Financial Sector Development Partnership Special Fund; KSTA = knowledge and support technical assistance; PRC Fund = The People's Republic of China Poverty Reduction and Regional Cooperation Fund; PSM = public sector management; RCIF = Regional Cooperation and Integration Fund; TASF = Technical Assistance Special Fund; TRA = transport; TRTA = transaction technical assistance; TRTA-F = transaction technical assistance facility; WUS = water and other urban infrastructure and services.

^a The TRTA-F provides project preparation support to (i) Solid Waste Sector Development Program (2020 firm); (ii) Tashkent Province Sewerage Improvement Project (2020 firm); (iii) Water Supply and Sanitation Sector Development Program (2020 firm); and (iv) Integrated Urban Development Program (2021 firm). Source: Asian Development Bank.

INDICATIVE KNOWLEDGE PUBLICATIONS AND EVENTS

Table A5.1: Knowledge Publications and Events for 2020

Title of Publication or Event	Subject	Type	Department or Sector Group or Thematic Group	Funding Source
Key Indicators for Asia and the Pacific 2020	Economics	Publication and documentation	ERCD	...
Data for Development: National Accounts Administration	Economics	In-country training and workshop	ERCD	TA 9356
Asian Development Outlook 2020, its update, and supplements (July, December)	Economics	Publication and documentation	ERCD	...
Scoping Study of Education PPP in Uzbekistan	Education	Publication and in-country workshop	CWSS, OP PP	...
Asian Economic Integration Report 2020	RCI, economics	Publication and documentation	ERCD	...
Several publications and events organized in 2020 as part of the CAREC Program activities	RCI, energy, transport, industry and trade, private sector development	Publication and documentation, event organization	CWEN, CWRC, CWTC, EAPF	...
Uzbekistan: demand-based KPS [civil service reform; digital development opportunities; financing options for social protection; statistics; and others]	Public sector management	Publication and documentation, event organization	CWRC, SDCC	RETAs 9624, 9341, 9061, and others
Assessing Economic Corridor Development Potential Among Kazakhstan, Uzbekistan and Tajikistan	RCI, economics	Publication and documentation	CWRC	...
Lessons for Uzbekistan Reforms from Other Countries in the Region	Economics	Publication and documentation	CWRC	...
Urban Sector Assessment	Urban services, economics	Publication and documentation	CWUW	...
Total number of publications = 8				
Total number of events = 4				

... = not available; CAREC = Central Asia Regional Economic Cooperation; CWEN = Energy Division; CWRC = Regional Cooperation and Operations Coordination Division; CWSS = Social Sector Division; CWTC = Transport and Communications Division; CWUW = Urban Development and Water Division; EAPF = Public Management, Financial Sector, and Regional Cooperation Division, East Asia Department; ERCD = Economic Research and Regional Cooperation Department; KPS = knowledge products and services; OP PP = Office of Public–Private Partnership; PPP = public–private partnership; RCI = regional cooperation and integration; RETA = regional technical assistance; SDCC = Sustainable Development and Climate Change Department; TA = technical assistance.

Note: “Publications” may include databases, multimedia, and other forms of documentation. “Events” may include event organization and training or capacity development.

Source: Asian Development Bank.

Table A5.2: Additional Knowledge Publications and Events Delivered in 2019

Title of Publication or Event	Subject	Type	Department or Sector Group or Thematic Group	Funding Source
Assessment of the Skills Development Sector in Uzbekistan	Education	Publication and documentation	CWSS	TA 9256
Uzbekistan: Urban Planning and Policy	Urban services, economics	Publication and documentation	CWUW	TA 9474
FIDIC Conditions of Contract–Contract Management and Administration	Public sector management	Publication and documentation, event organization	CWOD-PSG, URM	TA 9692
Policy Dialogue in Public Procurement Reform	Public sector management	Documentation and event organization	URM	TA 9486
Procurement Clinics for Executive Agencies on ADB's New Procurement Framework	Public sector management	Documentation and event organization	URM	...
Uzbekistan: Country Diagnostics Study	Economics	Publication and documentation, event organization	ERCD	TA 8343
Total number of publications = 4				
Total number of events = 4				

... = not available; ADB = Asian Development Bank; CWOD-PSG = Portfolio, Results, Safeguards and Gender Unit; CWSS = Social Sector Division; CWUW = Urban Development and Water Division; ERCD = Economic Research and Regional Cooperation Department; FIDIC = International Federation of Consulting Engineers; TA = technical assistance; URM = Uzbekistan Resident Mission.

Note: "Publications" may include databases, multimedia, and other forms of documentation. "Events" may include event organization and training or capacity development.

Source: Asian Development Bank.

Table A5.3: Innovation, Advanced Technology, and Pilot Initiatives to be Implemented in 2020

Item	Nature	Project Number	Sector or Theme	Division
Application of ICT in asset operation and management in waste management	TCH, PLT	...	WUS	CWUW
Promotion of hybrid-engine trucks to be used for waste collection to minimize carbon emissions and improve air quality	TCH, PLT	...	WUS	CWUW
Development and piloting of PPP standards and modality in waste management	PLT	...	WUS	CWUW
Consolidation of impacts and value along the value chain through agro-logistics centers	INO, PLT, TCH	51041	ANR	CWER

Total number of innovation, advanced technology, and pilot initiatives = 4

... = not available; ANR = agriculture, natural resources, and rural development; CWER = Environment, Natural Resources, and Agriculture Division; CWUW = Urban Development and Water Division; ICT = information communication technology; INO = innovation; PLT = pilot initiative; PPP = public private partnership; TCH = advanced technology; WUS = water supply and sanitation.

Note: A hybrid-engine truck is a form of truck that uses hybrid electric vehicle technology for propulsion, instead of using only a combustion engine. It is one of the priority development trends being explored for waste collection trucks.

Source: Asian Development Bank.