



Country Operations Business Plan

September 2019

Kyrgyz Republic
2020–2022

This document is being disclosed to the public in accordance with ADB's Access to Information Policy.

Asian Development Bank

CURRENCY EQUIVALENTS

(as of 5 September 2019)

Currency unit	–	som (Som)
Som1.00	=	\$0.014
\$1.00	=	Som69.85

ABBREVIATIONS

ADB	–	Asian Development Bank
ADF	–	Asian Development Fund
DRR	–	disaster risk reduction
TA	–	technical assistance

NOTE

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

Vice-President	Shixin Chen, Operations 1
Director General	Werner Liepach, Central and West Asia Department (CWRD)
Director	Candice McDeigan, Country Director, Kyrgyz Resident Mission (KYRM), CWRD
Team leader	Gulkayr Tentieva, Senior Economics Officer, KYRM, CWRD
Team members	Ainagul Amanova, Senior Project Officer, KYRM, CWRD Ainura Bekbolotova, Associate Project Analyst, KYRM, CWRD Irene de Roma, Associate Programs Officer, CWRD Mirdin Eshenaliev, Senior Project Officer, KYRM, CWRD Carmela Espina, Senior Economics Officer, CWRD Sohail Hasnie, Principal Energy Specialist, CWRD Ruoyu Hu, Urban Development Specialist, CWRD Jude E. Kohlhase, Senior Urban Development Specialist, CWRD Steven Lewis-Workman, Unit Head, Portfolio Management, CWRD Yuji Miyaki, Public Management Specialist, CWRD Mamatkalil Razaev, Project Officer, KYRM, CWRD Nathan Rive, Climate Change Specialist, CWRD Jouko Sarvi, Lead Education Specialist, CWRD Narendra Singru, Principal Portfolio Management Specialist, CWRD Laisiasa Tora, Economist (Public Finance), CWRD Rajesh Vasudevan, Senior Economist, CWRD Hans Woldring, Principal Natural Resources and Agriculture Specialist, CWRD

In preparing any country program or strategy, financing any project, or by making any designation of or reference to a particular territory or geographic area in this document, the Asian Development Bank does not intend to make any judgments as to the legal or other status of any territory or area.

CONTENTS

	Page
I. CONSISTENCY OF BUSINESS PLAN WITH COUNTRY PARTNERSHIP STRATEGY	1
II. INDICATIVE RESOURCE PARAMETERS	1
III. SUMMARY OF CHANGES TO LENDING AND NONLENDING PROGRAMS	2
APPENDIXES	
1. Country Assistance Results Areas	3
2. List of Linked Documents	5
3. Indicative Assistance Pipeline	6
4. Assistance Program for Current Year	10
5. Indicative Knowledge Products and Events	13

I. CONSISTENCY OF BUSINESS PLAN WITH COUNTRY PARTNERSHIP STRATEGY

1. The Asian Development Bank (ADB) country operations business plan (COBP) is consistent with ADB's country partnership strategy, 2018–2022 for the Kyrgyz Republic¹ that has strategic objectives of assisting the government's efforts to (i) support growth and economic diversification, (ii) improve access to public and social services, and (iii) leverage regional cooperation and integration initiatives in a more effective manner. The country partnership strategy is aligned with the Kyrgyz Republic's long-term development strategy 2040, its medium-term program (Unity, Trust, Creation).² The government's thrusts are growth through macroeconomic stability; improved connectivity with regional neighbors and markets; and developed small and medium-sized enterprises; with agriculture, diversification in industry, energy, transport, mining, tourism, textiles, and construction as priority sectors. Aligned with its Strategy 2030³ at the operational level, ADB support to growth in hydropower and diversification for job creation will be complemented with a focus on human development and social inclusion. ADB will continue its support to (i) policy-based operations for economic diversification to help implement reforms to further develop the role of the private sector; (ii) improving governance, operation, and maintenance of infrastructure in energy and transport; (iii) enhanced inclusion and environmental sustainability through widened access to skills development, improved water supply and sanitation, and climate resilience and disaster risk reduction (DRR); (iv) leveraging regional cooperation and integration initiatives; and (v) the government in its digital transformation program.

II. INDICATIVE RESOURCE PARAMETERS

2. The Kyrgyz Republic, a group A developing member country, is eligible for Asian Development Fund (ADF) grants and concessional ordinary capital resources lending (COL). The indicative ADF grant and COL resources available for commitment in 2020–2022 is \$341.15 million, including \$30.00 million from DRR operations.⁴ Cofinancing and funding from other sources, including the regional pool under concessional resources, will be explored. The 2017 debt distress classification of the Kyrgyz Republic was assessed to be at *moderate* risk of debt distress. Following the ADF grants framework, the country is to receive 50% of its country allocation in grants in 2019, subject to a 20% volume discount on the grant portion of the country allocation.⁵ The indicative firm lending program for 2020–2022 is planned for \$477.89 million (including \$90.00 million from regional allocations⁶ and \$9.77 million from savings) and is subject to project readiness, and the nonlending program for \$5.05 million of technical assistance (TA) grants. The final allocation will depend on available resources, project readiness, and the outcome of the country performance assessment.

3. ADB's private sector operations will complement public sector interventions to provide integrated solutions with focus on financing infrastructure projects, agribusinesses and financial institutions. ADB helps in refining the country's legal and regulatory framework for public-private

¹ ADB. 2018. *Country Partnership Strategy: Kyrgyz Republic, 2018–2022—Supporting Sustainable Growth, Inclusion, and Regional Cooperation*. Manila.

² Government of the Kyrgyz Republic. 2018. *Unity, Trust, Creation, 2018–2022*. Bishkek.

³ ADB. 2018. *Strategy 2030: Achieving a Prosperous, Inclusive, Resilient, and Sustainable Asia and the Pacific*. Manila.

⁴ The DRR aims to strengthen disaster resilience and help spur investment. This additional financing will support (i) stand-alone DRR projects, (ii) discrete DRR components of other grant and loan projects, and (iii) the incremental cost in strengthening the disaster resilience of infrastructure investments.

⁵ The proportion of grants for the resource allocations in 2020–2022 will be determined by future annual debt distress classification in accordance with the concessional assistance policy.

⁶ The regional allocations are subject to availability. Of \$90 million allocation, \$40 million is confirmed.

partnerships (PPP) and developing PPP projects, particularly in the transport sector, information and communications technology, and hydropower generation.

III. SUMMARY OF CHANGES TO LENDING AND NONLENDING PROGRAMS

4. The areas of intervention and the indicative resource allocation for each sector are in Appendix 1. Portfolio at a glance is accessible from the list of linked documents in Appendix 2. The projects in the pipeline are in Appendix 3; the lending and nonlending programs for 2019 are in Appendix 4; and the lists of indicative knowledge publications and events with innovation, advanced technology, and planned pilot initiatives for 2019–2020 are in Appendix 5.

5. **Public sector management.** Financing for the Economic Diversification Program, subprograms 1 and 2 planned for 2019 and 2021, increased from \$30 million to \$50 million each. The program will support government-led reforms that aim to achieve broad-based economic growth.

6. **Energy.** In 2019, the Uch Kurgan Hydropower Plant Modernization Project, financed out of the savings allocations of \$100 million (\$60 million COL and \$40 million ADF), with cofinancing of \$45 million confirmed from the Eurasian Development Bank, will rehabilitate the Uch-Kurgan Hydropower Plant. A Diversifying Power Sector through Leapfrogging High Technology Project, \$40 million with possible cofinancing of \$60 million, is delayed to 2020. In 2021, the Energy Sector Project, Phase 2 will be financed by \$50 million COL with possible cofinancing of \$50 million.

7. **Transport.** Increased financing of \$84.7 million (with possible cofinancing of \$15 million) for the Central Asia Regional Economic Cooperation Corridors 1 and 3 Bishkek Northern Bypass Road Project is planned for 2020. Financing for the Road Maintenance Project planned for 2021 decreased from \$44.48 million to \$32.76 million, with possible cofinancing of \$27.24 million.

8. **Education and training.** Financing for the School Education Reform Sector Development Program in 2020 decreased from \$40 million to \$35 million (with possible cofinancing of \$5 million). The new Education Sector Project of \$40 million, in 2022, will continue investments and reforms in the education sector.

9. **Water and other urban infrastructure and services.** Financing for the Naryn Rural Water Supply and Sanitation Program, planned for 2019, increased from \$21.4 million to \$27.4 million. Additional financing for the Issyk-Kul Wastewater Management Project decreased from \$30.5 million to \$25.36 million with possible cofinancing of \$14.64 million, and delayed from 2019 to 2020. A new Small Expenditure Financing Facility of \$10.00 million is planned for 2019 to finance small infrastructure needs of the government in different sectors.

10. **Agriculture, natural resources, and rural development.** Financing for the Landslide Risk Management Sector Project, planned for 2020, decreased from \$35 million to \$20 million (with possible cofinancing of \$15 million). A new DRR project for \$20 million is planned for 2022.

11. The nonlending program for 2019–2022 includes (i) knowledge and support TA for Capacity Building of the Government in Economic Management and small-scale TA for Support for Knowledge Leadership and Sector Reform in 2019 and (ii) transaction TA projects which will help prepare projects and programs in the pipeline.

COUNTRY ASSISTANCE RESULTS AREAS

Key Country Development Outcomes that ADB Contributes to	ADB		
	Key Areas of Assistance	Indicative Resources Available for Commitment in 2020–2022	Changes from Last COBP
1. Public Sector Management			
Enhanced investment climate and business environment	Economic affairs management	Amount: \$50 million (ADF grant)	Indicative resource allocation decreased as program falls during 2020–2022
Strengthened government capacity to implement the digital transformation program	Public administration	Share of COBP envelope: 10.5%	
2. Energy			
Increased generation of electricity and its availability for industry, homes, and exports	Energy generation (conventional or renewable energy)	Amount: \$90 million (COL and ADF grant) and \$160 million (cofinancing)	Indicative resource allocation decreased because of less PBA available
Strengthened governance and institutional capacity in the energy sector	Energy sector development and institutional reform	Share of COBP envelope: 18.8%	
3. Transport			
Improved transport connectivity and efficiency in border-crossing procedures	Road transport	Amount: \$117.5 million (COL and ADF grant) and \$42.2 million (cofinancing)	Indicative resource allocation decreased because of less PBA available for project in 2020 ^a
Strengthened governance and institutional capacity in the transport sector	Transport sector development and institutional reform	Share of COBP envelope: 24.6%	
4. Education			
Reduced skills mismatches in the labor market	Tertiary education	Amount: \$75 million (ADF grant) and \$5 million (cofinancing)	Indicative resource allocation increased because of new project planned in 2022
	Technical and vocational education and training	Share of COBP envelope: 15.7%	
5. Water and Other Urban Infrastructure and Services			
Increased access to clean drinking water and centralized sewerage system	Priority water and sanitation infrastructure	Amount: \$25.4 million (COL and ADF grant) and \$14.6 million (cofinancing)	Indicative resource allocation decreased because only one project in the sector was planned during 2020–2022
	New institutional structures for efficient and performance-based service delivery	Share of COBP envelope: 5.3%	

Key Country Development Outcomes that ADB Contributes to	ADB		
	Key Areas of Assistance	Indicative Resources Available for Commitment in 2020–2022	Changes from Last COBP
6. Agriculture, Natural Resources, and Rural Development			
<p>Strengthened agricultural services, improved climate change adaptation and disaster resilience of infrastructure and livelihoods</p> <p>Scaled up support for economic corridor development under the Central Asia Regional Economic Cooperation program</p> <p>Piloted innovative programmatic support in the Fergana Valley</p>	<p>Agriculture, climate resilience, and disaster risk reduction</p> <p>Agricultural market development</p> <p>Urban and rural water supply and sanitation</p>	<p>Amount: \$120 million (COL and ADF grant) and \$25.0 million (cofinancing)</p> <p>Share of COBP envelope: 25.1%</p>	<p>Indicative resource allocation increased because of the new project planned during 2020–2022</p>

ADB = Asian Development Bank, ADF = Asian Development Fund, COBP = country operations business plan, COL = concessional ordinary capital resources lending, PBA = performance-based allocation.

^a The Central Asia Regional Economic Cooperation Corridors 1 and 3 Bishkek Northern Bypass Road Project and the Road Maintenance Project will be financed out of the PBA allocations of \$35 million COL, regional allocations of \$40 million (\$20 million COL and \$20 million ADF grant), and savings of \$9.77 million (\$9.62 million COL and \$0.15 million ADF grant).

Source: Asian Development Bank estimates.

LIST OF LINKED DOCUMENTS

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

1. Portfolio at a Glance: Kyrgyz Republic

INDICATIVE ASSISTANCE PIPELINE

Table A3.1: Lending Products, 2020–2022

Project/Program Name ^a	Sector	Poverty Targeting	Operational Priority ^b	Division	Year of TRTA/ PRF	Cost (\$ million)						
						ADB					Gov't	Co-finance ^c
						Total	Regular OCR	COL	ADF Grants	Total		
2020 Firm												
Diversifying the Power Sector through Leapfrogging High Technology	ENE	GI	OP3, OP6	CWEN	2017	100.00	0.00	40.00	00.00	40.00	TBD	60.00
Almaty–Bishkek Economic Corridor: Modern Agriculture Wholesale Market Development Project	ANR	GI	OP5, OP7	CWER		50.00	0.00	25.00	25.00	50.00 ^d	TBD	0.00
Issyk-Kul Wastewater Management Project (additional financing)	WUS	GI	OP3, OP4	CWUW		40.00	0.00	25.36	00.0	25.36	TBD	14.64
Central Asia Regional Economic Cooperation Corridors 1 and 3 Bishkek Northern Bypass Road Project	TRA	GI	OP1, OP3, OP7	CWTC	2018	105.00	0.00	64.62	20.15	84.77 ^e	TBD	20.23
Landslide Risk Management Sector Program (SDP)	ANR	GI	OP1, OP3	CWER		35.00	0.00	10.00	10.00	20.00	TBD	15.00
School Education Reform Sector Development Program (SDP)	EDU	GI	OP1, OP2, OP6	CWSS		40.00	0.00	20.00	15.00	35.00	TBD	5.00
Total						370.00	0.00	184.98	70.15	255.13	TBD	114.87
2020 Standby												
Energy Sector Project, Phase 2	ENE	GI	OP3, OP7	CWEN		150.00	0.00	50.00	00.00	50.00	TBD	100.00
Promoting the Economic Diversification Program, Subprogram 2 (PBL)	PSM	GI	OP1, OP2, OP6, OP7	CWPF		50.00	0.00	0.00	50.00	50.00	TBD	0.00
Road Maintenance Project	TRA	GI	OP1, OP3, OP7	CWTC		60.00	0.00	24.06	8.70	32.76	TBD	27.24
Total						260.00	0.00	74.06	58.70	132.76	TBD	127.24

Project/Program Name ^a	Sector	Poverty Targeting	Operational Priority ^b	Division	Year of TRTA/ PRF	Cost (\$ million)						Co-finance ^c
						Total	ADB			Gov't		
							Regular OCR	COL	ADF Grants			
2021 Firm												
Energy Sector Project, Phase 2	ENE	GI	OP3, OP7	CWEN		150.00	0.00	50.00	00.00	50.00	TBD	100.00
Promoting the Economic Diversification Program, Subprogram 2 (PBL)	PSM	GI	OP1, OP2, OP6, OP7	CWPF		50.00	0.00	0.00	50.00	50.00	TBD	0.00
Road Maintenance Project	TRA	GI	OP1, OP3, OP7	CWTC		60.00	0.00	24.06	8.70	32.76	TBD	27.24
Total						260.00	0.00	74.06	58.70	132.76	TBD	127.24
2021 Standby												
Agriculture Productivity Development Project	ANR	GI	OP1, OP3, OP5	CWER		40.00	0.00	30.00	00.00	30.00	TBD	10.00
Disaster Risk Reduction Project, Phase 2 (SDP)	ANR	GI	OP1, OP3	CWER		20.00	0.00	10.00	10.00	20.00	TBD	0.00
Education Sector Project (RBL)	EDU	GI	OP1, OP2, OP6	CWSS		40.00	0.00	20.00	20.00	40.00	TBD	0.00
Total						100.00	0.00	60.00	30.00	90.00	TBD	10.00
2022 Firm												
Agriculture Productivity Development Project	ANR	GI	OP1, OP3, OP5	CWER		40.00	0.00	30.00	00.00	30.00	TBD	10.00
Disaster Risk Reduction Project, Phase 2 (SDP)	ANR	GI	OP1, OP3	CWER		20.00	0.00	10.00	10.00	20.00	TBD	0.00
Education Sector Project (RBL)	EDU	GI	OP1, OP2, OP6	CWSS		40.00	0.00	20.00	20.00	40.00	TBD	0.00
Total						100.00	0.00	60.00	30.00	90.00	TBD	10.00

Project/Program Name ^a	Sector	Poverty Targeting	Operational Priority ^b	Division	Year of TRTA/ PRF	Cost (\$ million)							
						ADB						Gov't	Co-finance ^c
						Total	Regular OCR	COL	ADF Grants	Total			
2022 Standby													
Budget Support Program, Subprogram 1 (PBL)	PSM	GI	OP1, OP2, OP6, OP7	CWPF		50.00	0.00	0.00	50.00	50.00	TBD	0.00	
New Technology for Governance Project	PSM	GI	OP6, OP7			20.00	0.00	10.00	10.00	20.00	0.00	0.00	
Urban and Rural Infrastructure Development Project	WUS	GI	OP4, OP5, OP6	CWUW		50.00	0.00	30.00	20.00	50.00	0.00	0.00	
Total						120.00	0.00	40.00	80.00	120.00	0.00	0.00	

ADB = Asian Development Bank; ADF = Asian Development Fund; ANR = agriculture, natural resources, and rural development; COL = concessional OCR lending; CWEN = Energy Division, Central and West Asia Department; CWER = Environment, Natural Resources and Agriculture Division, Central and West Asia Department; CWPF = Public Management, Financial Sector, and Trade Division, Central and West Asia Department; CWSS = Social Sector Division, Central and West Asia Department; CWTC = Transport and Communications Division, Central and West Asia Department; CWUW = Urban Development and Water Division, Central and West Asia Department; EDU = education; ENE = energy; GI = general intervention; Gov't = government; OCR = ordinary capital resources; PBL = policy-based lending; PRF = project readiness financing; PSM = public sector management; RBL = results-based lending; SDP = sector development program; 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 lending instruments in the actual loan delivery may change.

^b OP1 = addressing remaining poverty and reducing inequalities; OP2 = accelerating progress in gender equality; OP3 = tackling climate change, building climate and disaster resilience, and enhancing environmental sustainability; OP4 = making cities more livable; OP5 = promoting rural development and food security; OP6 = strengthening governance and institutional capacity; and OP7 = fostering regional cooperation and integration.

^c Cofinancing is subject to availability.

^d The project will be financed out of the regional allocations of \$50 million (\$25 million COL and \$25 million ADF grant) that are subject to availability.

^e The project will be financed out of the performance-based allocation of \$35 million COL, regional allocations of \$40 million (\$20 million COL and \$20 million ADF grant), and savings of \$9.77 million (\$9.62 million COL and \$0.15 million ADF grant).

Source: Asian Development Bank estimates.

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

Assistance Name	Sector	Division	Assistance Type	Sources of Funding				Total (\$'000)
				ADB		Others		
				Source	Amount (\$'000)	Source	Amount (\$'000)	
2020 Firm								
Energy Sector Project	ENE	CWEN	TRTA	TASF	750			750
Promoting Economic Diversification Program, Subprogram 2	PSM	CWPF	TRTA	TASF	500			500
Road Maintenance Project	TRA	CWTC	TRTA	TASF	500			500
Total					1,750			1,750
2021 Firm								
Agriculture Productivity Development Project	ANR	CWER	TRTA	TASF	500			500
Disaster Risk Reduction Project	ANR	CWER	TRTA	TASF	500			500
Education Sector Project	EDU	CWSS	TRTA	TASF	800			800
Total					1,800			1,800
2022 Firm								
Budget Support Program, Subprogram 1	PSM	CWPF	TRTA	TASF	500			500
New Technology for Governance Project	PSM	CWPF	TRTA	TASF	500			500
Urban and Rural Infrastructure Development Project	WUS	CWUW	TRTA	TASF	500			500
Total					1,500			1,500

ADB = Asian Development Bank; ANR = agriculture, natural resources, and rural development; CWEN = Energy Division, Central and West Asia Department; CWER = Environment, Natural Resources and Agriculture Division, Central and West Asia Department; CWPF = Public Management, Financial Sector and Trade Division, Central and West Asia Department; CWSS = Social Sector Division, Central and West Asia Department; CWTC = Transport and Communications Division, Central and West Asia Department; CWUW = Urban Development and Water Division, Central and West Asia Department; EDU = education; ENE = energy; PSM = public sector management; TASF = Technical Assistance Special Fund; TRA = transport; TRTA = transaction technical assistance, WUS = water and other urban infrastructure and services.

Source: Asian Development Bank estimates.

ASSISTANCE PROGRAM FOR CURRENT YEAR

Table A4.1: Lending Products, 2019

Project/Program Name ^a	Sector	Poverty Targeting	Priority Area ^b	Division	Year of TRTA/ PRF	Cost (\$ million)						
						Total	ADB			Total	Gov't	Co-finance ^c
							Regular OCR	COL	ADF Grants			
2019 Firm												
Promoting Economic Diversification Program, Subprogram 1 (policy-based lending)	PSM	GI	OP1, OP2, OP6, OP7	CWPF	2017	50.00	0.00	0.00	50.00	50.00	TBD	0.00
Naryn Rural Water Supply and Sanitation Development Program (results-based lending)	WUS	GI	OP1, OP3, OP4	CWUW	2018	27.40	0.00	13.70	13.70	27.40 ^d	TBD	0.00
Small Expenditure Financing Facility Project		GI	OP3, OP4			10.00	0.00	0.00	10.00	10.00	TBD	0.00
Uch Kurgan Hydropower Plant Modernization Project	ENE	GI	OP3, OP7	CWEN	2017	145.00	0.00	60.00	40.00	100.00 ^e	TBD	45.00 ^f
Total						232.41	0.00	73.70	113.70	187.40	TBD	45.00
2019 Standby												
Diversifying Power Sector through Leapfrogging High Technology	ENE	GI	OP3, OP6	CWEN	2017	100.00	0.00	40.00	00.00	40.00	TBD	60.00
Almaty–Bishkek Economic Corridor: Modern Agriculture Wholesale Market Development Project	ANR	GI	OP5, OP7	CWER		50.00	0.00	25.00	25.00	50.00 ^g	TBD	0.00
Additional Financing for Issyk-Kul Wastewater Management Project	WUS	GI	OP3, OP4	CWUW		40.00	0.00	25.36	0.00	25.36	TBD	14.64
Central Asia Regional Economic Cooperation Corridors 1 and 3 Bishkek Northern Bypass Road Project	TRA	GI	OP1, OP3, OP7	CWTC	2018	105.00	0.00	64.62	20.15	84.77 ^h	TBD	20.23

Project/Program Name ^a	Sector	Poverty Targeting	Priority Area ^b	Division	Year of TRTA/ PRF	Cost (\$ million)						
						ADB					Gov't	Co-finance ^c
						Total	Regular OCR	COL	ADF Grants	Total		
Landslide Risk Management Sector Project (sector development program)	ANR	GI	OP1, OP3	CWER		35.00	0.00	10.00	10.00	20.00	TBD	15.00
School Education Reform Sector Development Program (sector development program)	EDU	GI	OP1, OP2, OP6	CWSS		40.00	0.00	20.00	15.00	35.00	TBD	5.00
Total						370.00	0.00	184.98	70.15	255.13	TBD	114.87

ADB = Asian Development Bank; ADF = Asian Development Fund; ANR = agriculture, natural resources, and rural development; COL = concessional OCR lending; CWEN = Energy Division, Central and West Asia Department; CWER = Environment, Natural Resources and Agriculture Division, Central and West Asia Department; CWPF = Public Management, Financial Sector, and Trade Division, Central and West Asia Department; CWSS = Social Sector Division, Central and West Asia Department; CWTC = Transport and Communications Division, Central and West Asia Department; CWUW = Urban Development and Water Division, Central and West Asia Department; EDU = education; ENE = energy; GI = general intervention; Gov't = government; OCR = ordinary capital resources; PBA = performance-based allocation; PSM = public sector management; 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 lending instruments in the actual loan delivery may change.

^b OP1 = addressing remaining poverty and reducing inequalities; OP2 = accelerating progress in gender equality; OP3 = tackling climate change, building climate and disaster resilience, and enhancing environmental sustainability; OP4 = making cities more livable; OP5 = promoting rural development and food security; OP6 = strengthening governance and institutional capacity; and OP7 = fostering regional cooperation and integration.

^c Cofinancing is subject to availability.

^d The project will be financed out of the PBA allocations of \$21.4 million (\$10.7 million COL and \$10.7 million ADF grant) and savings of \$6 million (\$3 million COL and \$3 million ADF grant).

^e The project will be financed out of the savings allocations of \$100 million (\$60 million COL and \$40 million ADF) and cofinancing of \$45 million.

^f Cofinancing is confirmed from the Eurasian Development Bank.

^g The project will be financed out of the regional allocations of \$50 million (\$25 million COL and \$25 million ADF grant).

^h The project will be financed out of the PBA allocations of \$35 million COL, regional allocations of \$40 million (\$20 million COL and \$20 million ADF grant), and savings of \$9.77 million (\$9.62 million COL and \$0.15 million ADF grant).

Source: Asian Development Bank estimates.

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)	
2019 Firm								
Almaty–Bishkek Economic Corridor: Modern Agriculture Wholesale Market Development Project	ANR	CWER	TRTA	TASF	500			500
Issyk-Kul Wastewater Management Project (additional financing)	WUS	CWUW	TRTA	TASF	500			500
Disaster Risk Reduction Project	ANR	CWER	TRTA	TASF	500			500
Education and Skills for Science, Technology, and Innovation	EDU	CWSS	TRTA	TASF	800			800
Capacity Building of the Government in Economic Management and Strategic Planning	PSM	KYRM	KSTA	TASF	500			500
Support for Knowledge Leadership and Sector Reform	PSM	KYRM	SSTA	TASF	225			225
Total					3,025			3,025

ADB = Asian Development Bank; ANR = agriculture, natural resources, and rural development; CWER = Environment, Natural Resources and Agriculture Division, Central and West Asia Department; CWSS = Social Sector Division, Central and West Asia Department; CWUW = Urban Development and Water Division, Central and West Asia Department; EDU = education; KSTA = knowledge and support technical assistance; KYRM = Kyrgyz Resident Mission; PSM = public sector management; SSTA = small-scale technical assistance; TASF = Technical Assistance Special Fund; TRTA = transaction technical assistance; WUS = water and other urban infrastructure and services.

Source: Asian Development Bank estimates.

INDICATIVE KNOWLEDGE PRODUCTS AND EVENTS

Table A5.1: Knowledge Products and Events for 2020

Title of Publication or Event	Subject	Type	Department or Sector Group or Thematic Group	Funding Source
Awareness and capacity-building activities for capturing the opportunities and addressing the risks related to the country's accession to the Eurasian Economic Union	Industry and trade; regional cooperation and integration	Publication and documentation, events organization	CWRD	TA 8978
Studies on potential for development of renewable energy in the Kyrgyz Republic	Energy	Publication and documentation, events organization	CWRD	TA 9313
Power Sector Master Plan	Energy	Publication and documentation, events organization	CWRD	Loan 3212/ Grant 0419
Knowledge products to support the government in developing and implementing the textbooks rental scheme	Education	Publication and documentation, events organization	CWRD	TA 9212
Assisting the government in developing the road asset management system under ongoing and future projects	Transport	Publication and documentation, events organization	CWRD	Loan 3432/ Grant 0496
Assisting the government in improving utility management capacities in <i>vodokanals</i> (water utility companies)	Water and other urban infrastructure and services	Publication and documentation, events organization	CWRD	Loan 3742/ Grant 0628
Asian Development Outlook 2020, its update, and supplements (July and December)	Economics	Publication and documentation	ERCD	TA 8692
Key Economic Indicators	Economics	Publication and documentation	ERCD	Non-TA
Asian Economic Integration Report	Economics	Publication and documentation	ERCD	Non-TA
Knowledge publications and events to be delivered in 2020 under the Central Asia Regional Economic Cooperation Program	Multisector	Publication and documentation, events organization	CWRD, EARD	Various TA projects
Total number of publications = 10				
Total number of events = 7				

CWRD = Central and West Asia Department, EARD = East Asia Department, ERCD = Economic Research and Regional Cooperation Department, TA = technical assistance.

Source: Asian Development Bank.

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

Title of Publication or Event	Subject	Type	Department or Sector Group or Thematic Group	Funding Source
Almaty–Bishkek Economic Corridor Skill-Gap Analysis in Tourism Sector	Economics	Publication and documentation	CWRD	RETA 9487
Press Tour	Multisector	Publication and documentation, events organization	KYRM	Non-TA
Total number of publications = 1				
Total number of events = 1				

CWRD = Central and West Asia Department, KYRM = Kyrgyz Resident Mission, RETA = regional technical assistance, TA = technical assistance.
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
Use of programmatic approach for regional development	PLT	RETA 9487	ENV, ANR	CWER
Use of performance-based road maintenance	INO, PLT	Loan 3056/Grant 0366	TRA	CWTC
Total number of innovation, advanced technology, and pilot initiatives = 2				

ANR = agriculture, natural resources, and rural development; CWER = Environment, Natural Resources and Agriculture Division, Central and West Asia Department; CWTC = Transport and Communications Division, Central and West Asia Department; ENV = environment; INO = innovation; PLT = pilot initiative; RETA = regional technical assistance; TRA = transport.

Source: Asian Development Bank.