



Country Operations Business Plan

November 2017

Pakistan
2018–2020

This document is being disclosed to the public in accordance with ADB's Public Communications Policy 2011.

Asian Development Bank

CURRENCY EQUIVALENTS

(as of 08 November 2017)

Currency unit	–	Pakistan rupee/s (PRe/PRs)
PRe1.00	=	\$0.0095
\$1.00	=	PRs105.315

ABBREVIATIONS

ADB	–	Asian Development Bank
ADF	–	Asian Development Fund
COBP	–	country operations business plan
COL	–	concessional OCR lending
OCR	–	ordinary capital resources
PDA	–	project design advance

NOTES

- (i) The fiscal year (FY) of the Government of Pakistan ends on 30 June.
- (ii) In this report, “\$” refers to United States dollars.

Vice-President	Wencai Zhang, Operations 1
Director General	Sean O’ Sullivan, Central and West Asia Department (CWRD)
Country Director	Xiaohong Yang, Pakistan Resident Mission (PRM), CWRD
Team leader	Nasruminallah Mian, Senior Programs Officer, PRM, CWRD
Team members	Khadija Ali, Associate Operations Analyst, PRM, CWRD Farzana Noshab, Senior Economics Officer, PRM, CWRD Guntur Sugiyarto, Principal Economist, PRM, CWRD

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CONTENTS

	Page
I. CONSISTENCY OF THE BUSINESS PLAN WITH THE 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. Indicative Assistance Pipeline	5
3. Assistance Program for the Current Year	10
4. Indicative Knowledge Publications and Events	12

I. CONSISTENCY OF THE BUSINESS PLAN WITH THE COUNTRY PARTNERSHIP STRATEGY

1. The country operations business plan (COBP) 2018–2020 of the Asian Development Bank (ADB) for Pakistan is aligned with ADB’s country partnership strategy, 2015–2019,¹ which supports the Government of Pakistan’s objective of high, sustained, and inclusive growth. The COBP is also consistent with the priorities set out in ADB’s Midterm Review of Strategy 2020,² and is aligned with the government’s development strategy “Vision 2025”,³ and the development plans of the provincial governments.
2. The COBP comprises project loans, policy-based lending for government-led policy reforms, results-based lending for infrastructure development, and institutional reforms. ADB will reengage in the education and health sectors, and will actively explore greater use of high technology and innovative approaches in projects to support the Sustainable Development Goals.
3. ADB’s nonsovereign operations will continue to focus on energy security through selective investments to increase the supply of electricity based on domestic sources (e.g., hydropower, gas, wind, and solar). ADB will also continue to facilitate trade finance and seek opportunities to support (i) demonstrative projects in mining, logistics, agro-value chains; and (ii) alternative financing options for agriculture and micro, small, and medium-sized enterprises. Where feasible, private sector operations will generate synergies with ADB’s public sector assistance, for example by focusing on public–private partnerships for infrastructure and public sector enterprise reforms in the energy and transport sectors.

II. INDICATIVE RESOURCE PARAMETERS

4. Pakistan, a group B developing member country, is eligible for ordinary capital resources (OCR) lending and concessional OCR lending (COL). The indicative resources available during 2018–2020 for ADB’s sovereign operations amount to \$4,673.1 million in loans, comprising \$3,390.0 million in regular OCR lending and \$1,283.1 million from COL.⁴ The final allocation of the loans by year and sector will depend on available resources and the outcomes of the country performance assessments. These resources will be supplemented by ADB’s nonsovereign operations subject to headroom constraints, as well as by official and commercial cofinancing. Funding from other sources, including the regional pool set-aside under COL and OCR for regional cooperation and integration, will also be explored.
5. The proposed sovereign lending program for 2018–2020 amounts to \$7,145.1 million, consisting of \$5,756.4 million from regular OCR lending and \$1,388.7 million from COL. Additional sources of financing include cofinancing, regional set-aside, and nonsovereign funding to process projects beyond the stipulated resource envelope.
6. The cost-sharing and financing parameters during 2017–2019 envisage ceilings of 85% for the loan portfolio and 90% for the technical assistance portfolio, similar to current limits. Actual shares for specific ADB projects will be determined by project-specific considerations and available cofinancing.

¹ ADB. 2015. *Country Partnership Strategy: Pakistan, 2015–2019*. Manila.

² ADB. 2014. *Midterm Review of Strategy 2020: Meeting the Challenges of a Transforming Asia and Pacific*. Manila.

³ Government of Pakistan, Planning Commission. 2014. *Pakistan 2025—One Nation, One Vision*. Islamabad. <http://pakistan2025.org/>.

⁴ This reflects the approved combination of Asian Development Fund lending resources with the OCR balance sheet that became effective on 1 January 2017.

III. SUMMARY OF CHANGES TO LENDING AND NONLENDING PROGRAMS

7. The results framework attached to the country partnership strategy, 2015–2019 has been updated (Appendix 1). It is followed by the updated lending and nonlending programs for 2018–2020 (Appendix 2), the lending and nonlending programs for 2017 (Appendix 3), and the list of indicative knowledge products and services for 2018 (Appendix 4).

8. **Energy.** The three-year pipeline 2018-2020 includes a new \$1 billion multitranche financing facility for the Hydropower Development Investment Program, which focuses on clean energy and hydropower generation. The two ongoing multitranche financing facilities will continue to support infrastructure development for power transmission and distribution. The projects will deploy transmission systems that will accommodate more intermittent renewable energy and improve resilience to climate change.

9. **Transport.** The pipeline includes Sustainable National Highway Project, Sindh Hyderabad Southern Bypass Project and additional financing for KP Provincial Roads Project. ADB is supporting (i) the development of a National Transport Policy and Master Plan, (ii) Pakistan Railway Strategic Plan, and (iii) National Road Safety Action Plan for improved road asset management.

10. **Agriculture, natural resources, and rural development.** The pipeline includes five projects: (i) Remodeling of Link Canals in Punjab, (ii) KP Climate Resilient Water Resources Development Project, (iii) Noulong Multipurpose Development Project (iv) Cholistan Water Resource Development Project in Punjab, and (v) Balochistan Water Resources Development Project. The pipeline also includes a TA Loan for Punjab Water Resources. These projects will promote water resources infrastructure and management in arid and semiarid areas, rehabilitate and upgrade the Indus Basin irrigation infrastructure, and establish new, non-perennial irrigation systems.

11. **Water and other urban infrastructure and services.** The pipeline continues to support Pakistan's priorities in urban infrastructure, including urban transport and institutional development. The new demand-driven information and communications technology project will develop a pilot information technology park and test smart urban solutions.

12. **Public sector management.** The pipeline includes allocation for policy-based lending for trade and competitiveness, infrastructure financing, and social protection. The Enhancing Public–Private Partnerships Project is designed to support investments by providing viability gap funds, project development facilities, and support for institutional strengthening by improving public–private partnership transactions.

13. **Finance.** An investment in the Pakistan Infrastructure Development Fund is envisaged to support long-term project finance. National Disaster Risk Management Fund will enhance Pakistan's resilience and response to climatic and other natural hazards.

14. **Social sector.** The pipeline includes two new projects: (i) Sindh Education Sector Improvement Project and (ii) Improving Workforce Readiness in Punjab. The pipeline also includes policy based lending for strengthening Khyber Pakhtunkwa Health System.

15. **Technical assistance.** ADB will provide technical assistance across sectors to generate and disseminate knowledge to support policy and project development, and enhance project quality and readiness.

COUNTRY ASSISTANCE RESULTS AREAS

Key Country Development Outcomes that ADB Contributes to	ADB		
	Key Areas of Assistance	Indicative Resource Allocation in 2018–2020	Changes from Last COBP
1. Energy			
Reliable and affordable energy services through the development of domestic energy resources (hydropower, renewable energy, coal, and gas), and transmission and distribution networks	<p>Hydropower and other power generation</p> <p>Energy efficiency and strengthened transmission and distribution</p> <p>Enhanced enabling environment for private sector investment in the energy sector with policy and regulation reforms</p>	<p>Amount: \$1.69 billion and \$590.0 million (cofinancing)</p> <p>Share of COBP envelope: 23.6%</p>	ADB's resource allocation has decreased from \$1.90 billion to \$1.69 billion.
2. Transport			
Increased movement of people and goods within Pakistan in a more efficient, safe, and sustainable manner	<p>Roads, road safety, and asset management</p> <p>Border services improvement</p> <p>Urban transport</p> <p>Railway rehabilitation and regional connectivity</p>	<p>Amount: \$1.76 billion</p> <p>Share of COBP envelope: 24.7%</p>	ADB's resource allocation has increased from \$1.51 billion to \$1.76 billion.
3. Agriculture, natural resources, and rural development			
Increased agriculture production for consumption and trade	<p>Newly constructed and improved irrigation canals and appurtenant structures</p> <p>Irrigation reforms and capacity building</p> <p>Climate-resilient water resources and environmental water management</p>	<p>Amount: \$1.09 billion and \$5.0 million (cofinancing)</p> <p>Share of COBP envelope: 15.2%</p>	ADB's resource allocation has increased from \$545 million to \$1.09 billion.
4. Water and other urban infrastructure and services			
Higher quality of life of urban residents	<p>Urban planning, policies, and institutional reforms</p> <p>Sustainable Bus Rapid Transits and intermediate cities development</p> <p>Water and sanitation infrastructure</p> <p>Increased private sector participation</p>	<p>Amount: \$168.0 million and \$10.0 million (cofinancing)</p> <p>Share of COBP envelope: 2.3%</p>	ADB's resource allocation has decreased from \$500 million to \$168 million.

5. Public sector management			
Increased fiscal and debt sustainability to allocate resources to increase the resilience of women, the poor, and vulnerable groups	Reforms of public sector enterprises Support for public-private partnerships Support for foreign trade and investment, Export-Import Bank of Pakistan Support for the Benazir Income Support Program	Amount: \$800.0 million and \$19.6 million (cofinancing) Share of COBP envelope: 11.2%	ADB's resource allocation has increased from \$400 million to \$800 million.
6. Finance			
Increased and more effective financial access for agriculture-based and SME borrowers, with a focus on women and other underserved segments Increased private sector participation in infrastructure investment Reduced socioeconomic and fiscal vulnerability to natural hazards	Money and capital markets, infrastructure finance, SME finance, inclusive finance, capacity building, and institutional strengthening Disaster risk management	Amount: \$1.07 billion and \$100.0 million (cofinancing) Share of COBP envelope: 15.0%	ADB's resource allocation has increased from \$900 million to \$1.07 billion.
7. Education			
Better education and youth employment outcomes in line with the Sustainable Development Goals on quality education, good jobs, and economic growth	Secondary education system Support for competencies and skills essential for youth employability	Amount: \$250.0 million Share of COBP envelope: 3.5%	ADB's resource allocation has increased from \$0 to \$250 million.
8. Health			
Better health outcomes in line with the Sustainable Development Goals on access to quality essential health care	Access to quality primary and secondary healthcare services	Amount: \$120.0 million Share of COBP envelope: 1.7%	ADB's resource allocation has increased from \$0 to \$120 million.
9. Information and communication technology			
Innovative initiatives that could have systemic positive effects on the acquisition and use of knowledge and ability to compete globally	Information and communication technology solutions for urban development and high technology interventions	Amount: \$200.0 million Share of COBP envelope: 2.8%	ADB's resource allocation has increased from \$0 to \$200 million.

ADB = Asian Development Bank, COBP = country operations business plan, SME = small and medium-sized enterprises.

Source: ADB estimates.

INDICATIVE ASSISTANCE PIPELINE
Table A2.1: Lending Products, 2018–2020

Project/Program Name ^a	Sector	Poverty Targeting	Strategic Agendas and Drivers of Change	Division	Year of TRTA/PDA	Cost (\$ million)						
						Total	Regular OCR	COL	ADB		Gov't	Co-finance
									ADF Grants	Total		
2018 Firm												
Punjab Water Resources (TA Loan)	ANR	TI-G	IEG, ESG	CWER	2017	TBD	10.0	0.0	0.0	10.0	TBD	0.0
Jalalpur Irrigation Project	ANR	TI-G	ESG, GEM, IEG	CWER	2013	TBD	279.9	0.0	0.0	279.9	50.0	0.0
Balochistan Water Resources Development Project	ANR	TI-G	GEM, IEG, ESG	CWER	2014	TBD	100.0	0.0	0.0	100.0	25.5	5.0 ^b
Trimmu and Panjnad Barrages Improvement Project (additional financing)	ANR	TI-G	IEG, ESG	CWER	2013	TBD	50.0	0.0	0.0	50.0	5.0	0.0
Sindh Education Sector Improvement Project	EDU	TI-G	IEG, GCD, GEM	CWSS	2017	TBD	109.5	40.5	0.0	150.0	TBD	TBD
MFF Second Power Transmission Enhancement Investment Program—Tranche 3	ENE	GI	GCD, IEG	CWEN	2014	TBD	200.0	0.0	0.0	200.0	50.0	0.0
MFF Hydropower Development Investment Program—Tranche 1	ENE	GI	IEG, ESG, PAR	CWEN	2016	TBD	350.0	0.0	0.0	350.0	TBD	190.0 ^b
KP Health System Strengthening Program—Subprogram 1 (PBL)	HLT	GI	IEG, GCD, GEM	CWSS	2018	TBD	0.0	60.0	0.0	60.0	TBD	TBD
Enhancing PPP Investments in Punjab Province Project	PSM	GI	GCD, IEG, PAR	CWPF	2017	TBD	100.0	0.0	0.0	100.0	100.0	19.6 ^c
Trade and Competitiveness Program (PBL)	PSM	GI	IEG, GCD, PSD	CWPF	2014	TBD	0.0	400.0	0.0	400.0	0.0	0.0
Sustainable National Highway Maintenance Project	TRA	GI	IEG, RCI	CWTC	2017	TBD	264.0	30.0	0.0	294.0	44.0	TBD
MFF CAREC Corridor Development Investment Program—Tranche 1	TRA	GI	IEG, KNS, RCI	CWTC	2015	TBD	180.0	0.0	0.0	180.0	27.0	TBD
Karachi Sustainable Bus Rapid Transit Project	TRA	GI	IEG, GEM	CWUW	2013	TBD	200.0	0.0	0.0	200.0	TBD	TBD
KP Intermediate Cities Improvement Investment Project (PDA)	WUS	GI	IEG, GEM	CWUW	2017	TBD	10.0	0.0	0.0	10.0	0.0	10.0 ^b
Total							1,853.4	530.5	0.0	2,383.9	301.5	224.6
2018 Standby												
MFF Second Power Distribution Enhancement Investment Program—Tranche 2	ENE	GI	IEG, ESG, PAR	CWEN	NA	TBD	200.0	0.0	0.0	200.0	60.0	100.0 ^b
Support for Infrastructure Financing and PPPs Program (PBL)	FIN	TI-G	IEG, GCD, PSD	CWPF	2017	TBD	170.0	130.0	0.0	300.0	TBD	TBD
ICT Solutions for Urban Development and High Technology Interventions Project	ICT	GI	IEG, GCD, KNS	CWUW	2017	TBD	200.0	0.0	0.0	200.0	TBD	TBD
CAREC Railways Connectivity Development Program	TRA	GI	IEG, RCI, PAR	CWTC	2016	TBD	200.0	0.0	0.0	200.0	TBD	TBD
Punjab Intermediate Cities Improvement Program—Phase 1 (additional financing)	WUS	GI	IEG, GEM	CWUW	2014	TBD	8.0	0.0	0.0	8.0	0.0	0.0
Total							778.0	130.0	0.0	908.0	60.0	100.0

Project/Program Name ^a	Sector	Poverty Targeting	Strategic Agendas and Drivers of Change	Division	Year of TRTA/ PDA	Cost (\$ million)						
						Total	ADB			Gov't	Co-finance	
							Regular OCR	COL	ADF Grants			Total
2019 Firm												
Cholistan Water Resource Development in Punjab Province Project	ANR	GI	GCD, ESG	CWER	2018	TBD	75.0	0.0	0.0	75.0	25.0	TBD
MFF Hydropower Development Investment Program—Tranche 2	ENE	GI	IEG, ESG, PAR	CWEN	2016	TBD	200.0	0.0	0.0	200.0	TBD	200.0 ^b
MFF Second Power Distribution Enhancement Investment Program—Tranche 2	ENE	GI	IEG, ESG, PAR	CWEN	NA	TBD	200.0	0.0	0.0	200.0	60.0	100.0 ^b
Improving Workforce Readiness in Punjab	EDU	TI-G	IEG, GCD, GEM	CWSS	2019	TBD	100.0	0.0	0.0	100.0	TBD	TBD
MFF Pakistan National Disaster Management Fund—Tranche 1	FIN	TI-G	IEG, ESG, KNS, PAR, GCD	PRM	CDTA 2016	TBD	0.0	300.0	0.0	300.0	TBD	50.0 ^b
Support for Infrastructure Financing and PPPs Program (PBL)	FIN	TI-G	IEG, PSD	PRM	TBD	TBD	170.0	130.0	0.0	300.0	0.0	0.0
ICT Solutions for Urban Development and High Technology Interventions Project	ICT	TI-G	IEG, GCD, KNS	CWUW	TBD	TBD	200.0	0.0	0.0	200.0	TBD	0.0
Social Protection Development Project 2	PSM	TI-H	IEG, GEM	PRM	2016	TBD	300.0	0.0	0.0	300.0	52.9	TBD
MFF CAREC Corridor Development Investment—Tranche 2	TRA	GI	IEG, KNS, RCI	CWTC	2015	TBD	260.0	0.0	0.0	260.0	50.0	TBD
CAREC Railways Connectivity Development Program	TRA	GI	IEG, RCI, PAR	CWTC	2016	TBD	200.0	0.0	0.0	200.0	TBD	TBD
Punjab Intermediate Cities Improvement Program—Phase 1 (additional financing)	WUS	GI	IEG, GEM	CWUW	2014	TBD	8.0	0.0	0.0	8.0	0.0	0.0
KP Intermediate Cities Improvement Investment Project	WUS	GI	IEG, GEM	CWUW	2017	TBD	150.0	0.0	0.0	150.0	50.0	TBD
Total						-	1,863.0	430.0	0.0	2,293.0	237.9	350.0
2019 Standby												
KP Climate Resilient Water Resources Development Project	ANR	GI	GCD, ESG	CWER	2018	TBD	75.0	0.0	0.0	75.0	10.0	TBD
MFF Greater Thal Canal Irrigation—Tranche 1	ANR	TI-G	EG, ESG, PAR	CWER	2017	TBD	300.0	0.0	0.0	300.0	150.0	0.0
Solar Power Development	ENE	GI	EG, ESG, GEM	CWEN	2017	TBD	100.0	0.0	0.0	100.0	TBD	TBD
MFF Smart Grid Development Program—Tranche 1	ENE	GI	GCD, IEG	CWEN	TBD	TBD	200.0	0.0	0.0	200.0	TBD	TBD
Financial Inclusion and SME Growth Project	FIN	TI-G	EG, GCD, GEM	CWPF	2018	TBD	100.0	0.0	0.0	100.0	TBD	TBD
KP Health System Strengthening Program—Subprogram 2 (PBL)	HLT	GI, TI-M	EG, GCD, GEM	CWSS	2018	TBD	0.0	60.0	0.0	60.0	TBD	TBD
Sindh Hyderabad Southern Bypass	TRA	GI	IEG, RCI, PAR	CWTC	2018	TBD	200.0	0.0	0.0	200.0	TBD	TBD
KP Provincial Roads Project (additional financing)	TRA	TI-G	IEG, GEM, PAR	CWTC	2016	TBD	70.0	0.0	0.0	70.0	0.0	0.0
Total						-	1,045.0	60.0	0.0	1,105.0	160.0	-

Project/Program Name ^a	Sector	Poverty Targeting	Strategic Agendas and Drivers of Change	Division	Year of TRTA/PDA	Cost (\$ million)						
						Total	ADB			Gov't	Co-finance	
							Regular OCR	COL	ADF Grants			Total
2020 Firm												
Remodeling of Link Canals in Punjab	ANR	TI-G	IEG, ESG, PAR	CWER	2019	TBD	200.0	0.0	0.0	200.0	20.0	TBD
KP Climate Resilient Water Resources Development Project	ANR	GI	GCD	CWER	2018	TBD	75.0	0.0	0.0	75.0	10.0	TBD
MFF Greater Thal Canal Irrigation—Tranche 1	ANR	TI-G	IEG, ESG, PAR	CWER	2017	TBD	300.0	0.0	0.0	300.0	150.0	0.0
MFF Second Power Transmission Enhancement Investment Program—Tranche 4	ENE	GI	GCD, IEG	CWEN	2014	TBD	235.0	0.0	0.0	235.0	50.0	TBD
MFF Smart Grid Development Program—Tranche 1	ENE	GI	GCD, IEG	CWEN	TBD	TBD	200.0	0.0	0.0	200.0	TBD	TBD
MFF Second Power Distribution Enhancement Investment Program—Tranche 3	ENE	GI	IEG, ESG, PAR	CWEN	NA	TBD	200.0	0.0	0.0	200.0	60.0	100.0 ^b
Solar Power Development	ENE	GI	IEG, ESG, GEM	CWEN	2017	TBD	100.0	0.0	0.0	100.0	TBD	TBD
MFF Pakistan National Disaster Management Fund—Tranche 2	FIN	TI-G	IEG, ESG, KNS, PAR, GCD	PRM	CDTA-2016	TBD	0.0	368.2	0.0	368.2	TBD	50.0
Financial Inclusion and SME Growth Project	FIN	TI-G	IEG, GCD, GEM	CWPF	2018	TBD	100.0	0.0	0.0	100.0	TBD	TBD
KP Health System Strengthening Program—Subprogram 2 (PBL)	HLT	GI, TI-M	IEG, GCD, GEM	CWSS	TBD	TBD	0.0	60.0	0.0	60.0	TBD	TBD
MFF CAREC Corridor Development Investment—Tranche 3	TRA	GI	IEG, KNS, RCI	CWTC	2015	TBD	360.0	0.0	0.0	360.0	60.0	TBD
Sindh Hyderabad Southern Bypass	TRA	GI	IEG, RCI, PAR	CWTC	TBD	TBD	200.0	0.0	0.0	200.0	TBD	TBD
KP Provincial Roads Project (additional financing)	TRA	TI-G	IEG, GEM, PAR	CWTC	2016	TBD	70.0	0.0	0.0	70.0	0.0	0.0
Total						–	2,040.0	428.2	0.0	2,468.2	350.0	150.0
2020 Standby												
Naulong Multipurpose Development Project	ANR	TI-G	IEG, ESG	CWER	2017	TBD	300.0	0.0	0.0	300.0	50.0	TBD
Education Sector Improvement Program (RBL)	EDU	TI-G	IEG, GCD, GEM	CWSS	2017	TBD	100.0	0.0	0.0	100.0	TBD	TBD
MFF Hydropower Development Investment Program—Tranche 3	ENE	GI	IEG, ESG, PAR	CWEN	2016	TBD	200.0	0.0	0.0	200.0	TBD	TBD
Support for PPP Investments in Provinces	PSM	GI	IEG, GCD, PSD	CWPF	TBD	TBD	300.0	0.0	0.0	300.0	TBD	TBD
Punjab Intermediate Cities Improvement Program (additional financing)	WUS	GI	IEG, GEM	CWUW	2014	TBD	300.0	0.0	0.0	300.0	50.0	100.0
KP Intermediate Cities Phase 2 Project	WUS	GI	IEG, GEM	CWUW	2017	TBD	200.0	0.0	0.0	200.0	30.0	TBD
Total						–	1,400.0	0.0	0.0	1,400.0	130.0	100.0

ADB = Asian Development Bank; ADF = Asian Development Fund; ANR = agriculture, natural resources, and rural development; CAREC = Central Asia Regional Economic Cooperation; CDTA = capacity development technical assistance; 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; ESG = environmentally sustainable growth; FIN = finance; GCD = governance and capacity development; GEM = gender equity and mainstreaming; GI = general intervention; Gov't = government; HLT = health; ICT = information and communication technology; IEG = inclusive economic growth; KNS = knowledge solutions; KP = Khyber Pakhtunkhwa; MFF = multitranches financing facility; NA = not applicable; OCR = ordinary capital resources; PAR = partnerships; PBL = policy-based lending; PDA = project design advance; PPP = public-private partnership; PRM = Pakistan Resident Mission; PSD = private sector development; PSM = public sector management; RBL = results-based lending; RCI = regional integration; SME = small and medium-sized enterprises; TA = technical assistance; TBD = to be determined; TI-G = targeted intervention—geographic dimensions of inclusive growth, TI-H = targeted intervention—income poverty at the household level; TI-M = MDG = Millennium Development Goal targeting; TRA = transport; TRTA = transaction technical assistance; WUS = water supply 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 Cofinancing source to be identified.

^c Department for International Development of the United Kingdom.

Source: ADB estimates.

Table A2.2: Nonlending Products and Services, 2018–2020

Assistance Name	Sector	Division	Assistance Type	Sources of Funding				Total (\$'000)
				ADB		Others		
				Source	Amount (\$'000)	Source	Amount (\$'000)	
2018								
Balochistan Climate Resilient Water Resources Management Project ^a	ANR	CWER	TRTA			ADB Trust Fund	2,500	2,500
KP Climate Resilient Water Resources Development Project	ANR	CWER	TRTA	TASF	500			500
Cholistan Water Resources Development in Punjab Province Project	ANR	CWER	TRTA	TASF	225			225
Revitalizing the Ecosystem of Ravi River Basin	ANR	CWER	KSTA	TASF	260	Others	850	1,110
Pakistan Social Sector Program Preparation	EDU, HLT	CWSS	TRTA	TASF	1,500			1,500
KP Hydro Preparation (additional financing)	ENE	CWEN	TRTA	TASF	700			700
Update on Energy Sector Plan (Distribution and Transmission) (additional financing)	ENE	CWEN	KSTA	TASF	700			700
Benazir Income Support Program 2	FIN	CWSS	TRTA	TASF	500			500
Sindh Hyderabad Southern Bypass	TRA	CWTC	TRTA	TASF	700			700
Total					5,085		3,350	8,435
2019								
Improving Workforce Readiness in Punjab	EDU	CWSS	TRTA		1,500			1,500
Improving Quality in Higher Education	EDU	CWSS	TRTA		1,000			1,000
Remodelling of Link Canals in Punjab	ANR	CWER	TRTA		400			400
Total					2,900		–	2,900
2020								
Financial Inclusion and SME Growth	FIN	CWPF	TRTA		1,000			1,000
Total					1,000		–	1,000

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; CWSS = Social Sector Division; CWTC = Transport and Communications Division; EDU = education; ENE = energy; FIN = finance; HLT = health; KP = Khyber Pakhtunkhwa; KSTA = knowledge and support technical assistance; SME = small and medium-sized enterprises; TA = technical assistance; TASF = Technical Assistance Special Fund; TRA = transport; TRTA = transaction technical assistance.

^a The TRTA listed is an associated TA to the Balochistan Water Resources Development Project.

Source: ADB estimates.

ASSISTANCE PROGRAM FOR THE CURRENT YEAR
Table A3.1: Lending Products, 2017

Project/Program Name ^a	Sector	Poverty Targeting	Strategic Agendas and Drivers of Change	Division	Year of TRTA /PDA	Cost (\$ million)						
						ADB			Gov't	Co-finance		
Total	Regular OCR	COL	ADF Grants	Total								
2017 Firm												
Pehur High Level Canal Extension	ANR	TI-G	IEG, GEM, PAR	CWER	2013	100.0	90.0	0.0	0.0	90.0	10.0	0.0
Access to Clean Energy Investment Program (RBL)	ENE	GI	IEG, ESG, PAR	CWEN	2015	411.0	325.0	0.0	0.0	325.0	86.0	0.0
Sustainable Energy Sector Reform Program—Subprogram 3 (PBL)	ENE	GI	GCD, IEG	CWEN	–	408.0	300.0	0.0	0.0	300.0	0.0	108.0 ^b
MFF Power Transmission Enhancement Investment Program—Tranche 4	ENE	GI	GCD, IEG	CWEN	2008	82.5	0.0	0.0	0.0	0.0	0.0	82.5 ^b
MFF Second Power Transmission Enhancement Investment Program—Tranche 2	ENE	GI	GCD, IEG	CWEN	2014	320.0	260.0	0.0	0.0	260.0	60.0	0.0
PSEs Reform Program—Subprogram 2 (PBL)	PSM	GI	GCD, IEG, PSD	CWPF	2014	300.0	0.0	300.0	0.0	300.0	0.0	0.0
Supporting PPP Investments in Sindh Province Project	PSM	GI	IEG, GCD, PSD, PAR	CWPF	2016	219.2	100.0	0.0	0.0	100.0	100.0	19.2 ^c
Post-Flood National Highways Rehabilitation Project	TRA	TI-G	IEG, GEM	PRM	–	218.9	196.9	0.0	0.0	196.9	22.0	0.0
KP Provincial Roads Project	TRA	GI	IEG, GEM, PAR	CWTC	2016	172.0	121.5	18.5	0.0	140.0	32.0	0.0
Peshawar Sustainable Bus Rapid Transit Corridor Project	TRA	GI	IEG, GEM	CWUW	2014	515.0	335.0	0.0	0.0	335.0	30.0	150.0 ^d
Peshawar Sustainable Bus Rapid Transit Corridor Project (PDA)	TRA	GI	IEG, GEM	CWUW	2014	12.0	10.0	0.0	0.0	10.0	2.0	0.0
Punjab Intermediate Cities Improvement Investment Project	WUS	GI	IEG, GEM	CWUW	2014	250.0	200.0	0.0	0.0	200.0	50.0	0.0
Total						3,008.6	1,938.4	318.5	0.0	2,256.9	392.0	359.7

ADB = Asian Development Bank; ADF = Asian Development Fund; 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; CWTC = Transport and Communications Division; CWUW = Urban Development and Water Division; ENE = energy; ESG = environmentally sustainable growth; GCD = governance and capacity development; GEM = gender equity and mainstreaming; GI = general intervention; Gov't = government; IEG = inclusive economic growth; KP = Khyber Pakhtunkhwa; MFF = multitranchise financing facility; OCR = ordinary capital resources; PAR = partnerships; PBL = policy-based lending; PDA = project design advance; PRM = Pakistan Resident Mission; PPP = public–private partnership; PSD = private sector development; PSE = public sector enterprise; PSM = public sector management; RBL = results-based lending; TI-G = targeted intervention—geographic dimensions of inclusive growth; 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. Investment lending accounted for 72.3% of sovereign lending commitments in the 3-year period 2014–2016, while conventional PBL accounted for 13.3% and RBL accounted for 14.4%.

^b Agence Française de Développement.

^c Department for International Development of the United Kingdom.

^d Agence Française de Développement and the European Investment Bank.

Source: ADB estimates.

Table A3.2: Nonlending Products and Services, 2017

Assistance Name	Sector	Division	Assistance Type	Sources of Funding				
				ADB		Others		Total (\$'000)
				Source	Amount (\$'000)	Source	Amount (\$'000)	
2017 Firm								
Greater Thal Canal Irrigation Project	ANR	CWER	KSTA	TASF	225			225
Naulong Multipurpose Development Project	ANR	CWER	KSTA	TASF	225	NET	600	825
Third Party Monitoring for FATA Water Resources	ANR	PRM	KSTA	TASF	225			225
Balochistan Water Resources Development Project (Supplementary)	ANR	CWER	TRTA			WFPF	70	70
KP Water Resources Development Project	ANR	CWER	TRTA	TASF	1,000			1,000
Sindh Secondary Education Improvement Program	EDU	CWSS	TRTA	TASF	500			500
Update on Energy Sector Plan	ENE	CWEN	KSTA	TASF	500			500
Smart Grid Development Program for Pakistan	ENE	CWEN	TRTA	TASF	1,500			1,500
Hydropower Development Investment Program (additional financing)	ENE	CWEN	TRTA	TASF	700			700
Strengthening Federal PPP Framework and Enabling Reforms for Infrastructure Financing Support	FIN	PRM	KSTA			DFID	3,200	3,200
Health Sector Strengthening Program	HLT	CWSS	TRTA	TASF	500			500
Integrated Information and Technology Development Project	ICT	CWUW	TRTA	TASF	850	TBD	1,500	2,350
Enhancing Public–Private Partnerships in Punjab	PSM	CWPF	TRTA			DFID	4,009	4,009
Supporting Economic Corridor Development in Pakistan	TRA, IND	PRM	KSTA			DFID	2,600	2,600
KP Intermediate Cities	WUS	CWUW	TRTA	TASF	225			225
Punjab Intermediate Cities Improvement Investment Project Phase 2	WUS	CWUW	TRTA	TASF	225			225
Total					6,675	–	11,979	18,654

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; CWSS = Social Sector Division; CWUW = Urban Development and Water Division; DFID = Department for International Development of the United Kingdom; EDU = education; ENE = energy; FATA = Federally Administered Tribal Areas; FIN = finance; HLT = health; ICT = information and communication technology; IND = industry and trade; KP = Khyber Pakhtunkhwa; KSTA = knowledge and support technical assistance; NET = Netherlands; PPP = public–private partnership; PRM = Pakistan Resident Mission; PSM = public sector management; TASF = Technical Assistance Special Fund; TBD = to be determined; TRA = transport; TRTA = transaction technical assistance; WFPF = Water Financing Partnership Facility (multidonor trust fund); WUS = water supply and other urban infrastructure and services.

Source: ADB estimates.

INDICATIVE KNOWLEDGE PUBLICATIONS AND EVENTS

Table A4.1: Knowledge Publications and Events for 2018

Title of Publication or Event	Subject	Type	Department, Sector Group, or Thematic Group	Technical Assistance
Pakistan's Punjab Basmati Rice Value Chain Analysis	Agriculture and natural resources; Economics	Publication and documentation	CWER, ERCD	TA 8578
Information Systems for Balochistan Water Resources	Agriculture and natural resources; Water	Website	CWER	TA 8800
Improvement in Hydrological Modeling and Water Assessment in FATA Water Resources Development Project	Agriculture and natural resources	Capacity development	PRM	Loan 3239-PAK
Water Governance in Pakistan's Irrigated Agriculture, Selected Case Studies	Agriculture and natural resources	Publication and documentation	CWER	TA (TBD)
Khyber Pakhtunkhwa Province City Development Plans	Urban development	Publication and documentation	CWUW	TA 9223
Supporting Economic Corridor Development in Pakistan	Economics	Publication and documentation	PRM	TA (TBD) DFID
Country Diagnostic Study: Pakistan	Economics	Publication and documentation	PRM, ERCD	TA 9325
Energy Sector Assessment: Pakistan	Energy	Publication and documentation	CWEN	TA 9357
Capacity building on public-private partnerships in Sindh as part of Enhancing Public-Private Partnerships in Sindh TA	Finance	Capacity development	PRM, CWPF	TA 9239 DFID
Capacity building on public-private partnerships at provincial and federal government levels	Finance	Capacity development	PRM, CWPF	TA (TBD) DFID
Total number of publications = 6 Total number of events = 4				

CWEN = Energy Division; CWER = Environment, Natural Resources and Agriculture Division; CWPF = Public Management, Financial Sector and Trade Division; CWUW = Urban Development and Water Division; DFID = Department for International Development of the United Kingdom; ERCD = Economic Research and Regional Cooperation Department; FATA = Federally Administered Tribal Areas; PRM = Pakistan Resident Mission; TA = technical assistance; TBD = to be determined.

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 A4.2: Additional Knowledge Publications and Events Delivered in 2017

Title of Publication or Event	Subject	Type	Department, Sector Group, or Thematic Group	Technical Assistance
Pakistan Infrastructure Fund	Finance	Documentation	CWPF	
Transformation of the Irrigation Department into the Water Resources Department	Agriculture and natural resources; Water	Event	CWER	TA approval pending
Training program for the Central Power Purchasing Agency Guarantee	Energy	Training or capacity development	CWEN	TA 8772
Capacity building on public–private partnerships at the provincial and federal government levels	Governance; Public sector management	Training and capacity development	CWPF, PRM	DFID TA for approval
Road safety campaign	Transport	Event organization	CWTC, PRM	TA 8990
Draft National Transport Policy and Master Plan	Transport	Publication and documentation; Event organization; Training or capacity development	CWTC, PRM	TA 8990
National Road Safety Action Plan	Transport	Publication and documentation; Event organization; Training or capacity development	CWTC, PRM	TA 8990
Multimedia—Video on Peshawar Integrated Third-Generation Bus Rapid Transit System	Transport	Publication and documentation	CWUW	TA 8795
Multi-Hazard Vulnerability Risk Assessment of 15 Districts in Punjab	Water; Urban development	Publication and documentation	CWUW	Loan 3264-PAK
Scoping Economic Corridors in Pakistan	Economics	Publication and documentation	PRM	TA 9094
Total number of publications = 6 Total number of events = 6				

CWEN = Energy Division; CWER = Environment, Natural Resources and Agriculture Division; CWPF = Public Management, Financial Sector and Trade Division; CWTC = Transport and Communications Division; CWUW = Urban Development and Water Division; DFID = Department for International Development of the United Kingdom; PRM = Pakistan Resident Mission; 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.