



Country Operations Business Plan

October 2017

Indonesia
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 20 September 2017)

Currency unit	–	rupiah (Rp)
Rp1.00	=	\$0.00008
\$1.00	=	Rp13,225

ABBREVIATIONS

ADB	–	Asian Development Bank
COBP	–	country operations business plan
RPJMN	–	Rencana Pembangunan Jangka Menengah Nasional (National Medium-Term Development Plan)
TA	–	technical assistance
TASF	–	Technical Assistance Special Fund
TVET	–	technical and vocational education and training

NOTE

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

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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. Indicative Assistance Pipeline	5
3. Assistance Program for Current Year	10
4. Indicative Knowledge Publications and Events	12

I. CONSISTENCY OF BUSINESS PLAN WITH COUNTRY PARTNERSHIP STRATEGY

1. The country operations and business plan (COBP) 2018–2020 of the Asian Development Bank (ADB) for Indonesia is consistent with ADB’s country partnership strategy 2016–2019 for Indonesia and the priorities of the Government of Indonesia under the National Medium-Term Development Plan (RPJMN), 2015–2019.¹ The country partnership strategy aims to support more inclusive and environmentally sustainable growth through its focus on infrastructure services, economic governance and human capital development. ADB is mainstreaming into its operations the crosscutting themes of good governance, environmental sustainability, private sector development, gender equity, regional cooperation and integration, and knowledge and partnerships.

2. The COBP 2018–2020 reflects efforts to further enhance ADB’s development effectiveness in Indonesia, including: (i) focusing on long-term engagement and a programmatic approach in core sectors; (ii) incorporating knowledge, innovation, and high quality technology in projects; (iii) ensuring project readiness and quality-at-entry to minimize implementation delays; (iv) deepening the partnership with executing and implementing agencies; (v) enhancing the capacity and flexibility to effectively respond to the government’s evolving needs and priorities; and (vi) applying an effective and balanced mix of ADB’s assistance modalities. ADB is also redoubling efforts to maximize synergies between sovereign and nonsovereign operations including the promotion of public-private partnerships in Indonesia.

II. INDICATIVE RESOURCE PARAMETERS

3. As a Group C developing member country, Indonesia is eligible for regular ordinary capital resources (OCR) lending. The indicative resources available for commitment for sovereign operations during 2018–2020 amount to \$5.9 billion, plus cofinancing and funding from other sources, including the regular OCR regional cooperation and integration set-aside. With Indonesia being a dynamic middle income developing member country with an ambitious reform agenda and in the context of a volatile global and regional economic environment, the government has requested for ADB to maintain a degree of flexibility on lending levels and modalities in line with evolving government development financing needs.

4. The total indicative lending program for sovereign operations for 2018–2020 amounts to \$7.45 billion, reflecting a degree of over programming to ensure stable lending levels in the planning period. About \$1.22 billion in cofinancing is anticipated, and possibilities for additional cofinancing will be explored. The indicative 2018–2020 program reflects government priorities and key operational areas in which ADB has a comparative advantage. The lending pipeline (including cofinancing) will focus on the energy sector (42% of total lending); public sector management (18%); agriculture, natural resource, and rural development (15%); education (13%); finance (6%); and water and urban services (6%). Details on areas of assistance and the resource allocation for each sector are in Appendix 1.

5. The nonlending program for 2018–2020, which amounts to \$43.55 million, consists of a grant and 26 technical assistance (TA) projects, including 12 TA projects with a total value of \$7.55 million financed from ADB’s Technical Assistance Special Fund (TASF). The TA program will support project preparation and implementation as well as knowledge products and services aimed at

¹ ADB. 2016. *Country Partnership Strategy: Indonesia, 2016–2019: Toward a Higher, More Inclusive, and Sustainable Growth Path*. Manila. Government of Indonesia. 2015. *National Medium-Term Development Plan (RPJMN), 2015–2019*. Jakarta.

promoting innovation and new technology in operations. Approximately 86% of the TASF and 67% of all TA including cofinancing will be categorized as transaction TA. About two-thirds of the total TA, including cofinancing, is categorized as transaction TA, and the remainder as knowledge and support TA. ADB will seek to mobilize additional resources from TA funds and facilities available to ADB, as well as TA cofinancing from other development partners. The lending and nonlending programs for 2018–2020 are in Appendix 2, and the 2017 lending and nonlending programs are in Appendix 3. Indicative knowledge products and events for 2017 and 2018, and innovation, advanced technology, and pilot initiatives to be implemented in 2017 are in Appendix 4.

III. SUMMARY OF CHANGES TO LENDING AND NONLENDING PROGRAMS

6. Changes to the proposed lending pipeline compared to the COBP 2017–2019 primarily reflect considerations related to evolving government priorities, project preparation and readiness, and efforts to achieve a balanced mix of lending modalities. Two energy sector projects have been added and one increased in value in line with the government's decision to accelerate investments in this sector. The Education Sector Improvement Program, which was originally scheduled for approval in 2017, has been adjusted to focus on higher, technical and vocational education and training in line with government's priority; and developed into a series of project interventions in the planning period. The Aquaculture Sector Development Program planned for 2018 has been dropped due to the government's decision to prioritize coastal over inland aquaculture and the availability of financing from other development partners; while the size of the Enhanced Water Security Investment project has been increased. The Public Financial Management for Service Delivery Program has been dropped from the COBP, with some of the intended outputs to be considered under the 2018 Fiscal and Public Expenditure Management Program. The Indonesian Infrastructure Facility Expansion Support Project originally programmed for 2017 has moved to 2018 on government request.

7. Changes to the nonlending pipeline in the COBP 2018–2020 are largely in response to changes in the lending pipeline, and TA allocation and approval timelines have been adjusted to ensure adequate resources for project preparation and implementation. New TA has been added to the 2018 program to help strengthen the capacity of the Program Keluarga Harapan (conditional cash transfer) in support of the government's recent decision to scale up the program significantly. Additional TA for strengthening procurement and safeguards systems has been added at the government's request.

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. Agriculture, natural resources, and rural development Priority area: resilient rural infrastructure and water resource management			
Water availability increased from enhanced bulk water sources.	Water-based natural resources management Irrigation Bulk water supply	Amount: \$1.15 billion (regular OCR) and \$150 million (cofinancing) Share of COBP envelope: 15%	The Aquaculture Sector Development Program has been dropped at the Government of Indonesia's request to prioritize coastal over inland aquaculture and other development and existing support from other development partners in this area.
2. Education Priority area: sector policy and institutional reforms, education quality, and skills development			
Education system meets the needs of a middle-income country and supports the development of a productive, competitive, and innovative economy.	Tertiary education Technical and vocational education and training	Amount: \$1.10 billion (regular OCR) Share of COBP envelope: 13%	Basic education quality policy support, the Education Sector Improvement Program has been replaced with the Advanced Knowledge and Skills for Inclusive Growth Project in Indonesia to support a government decree prioritizing higher education and skills.
3. Energy Priority area: clean energy			
Sustainable energy access for all Indonesians achieved	Energy utility services Electricity transmission and distribution Energy sector development and institutional reform	Amount: \$2.90 billion (regular OCR) and \$715 million (cofinancing) Share of COBP envelope: 43%	Support remains focused on transmission, distribution, and clean energy, especially in Eastern Indonesia.

Key Country Development Outcomes that ADB Contributes to	ADB		
	Key Areas of Assistance	Indicative Resource Allocation in 2018–2020	Changes from Last COBP
	Conventional energy generation		The total value of support has been increased.
4. Finance Priority area: reforms to accelerate investment and growth, capital market, and financial inclusion reform			
Accelerated foreign and domestic direct investment	Money and capital markets	Amount: \$500 million (regular OCR)	No change in subsector support but the total value of support decreased due to reprioritization across the portfolio.
Improved labor market opportunities for Indonesians	Infrastructure and investment funds	Share of COBP envelope: 6%	
5. Public sector management Priority area: strengthened fiscal management, reforms to accelerate investment and growth, and public financial management to improve local service delivery			
Maintain infrastructure sector spending	Economic affairs management	Amount: \$1.20 billion (regular OCR) and \$200 million (cofinancing) Share of COBP envelope: 17%	Public financial management for service delivery was removed, reducing the overall envelope.
Improved labor market opportunities for Indonesians	Social protection initiatives		
Enhanced management and fiscal capacity of local governments			
Increased development and inclusiveness of the finance sector			
6. Water supply and other urban infrastructure and services Priority area: urban sanitation			
Urban resilience promoted, with improved urban infrastructure and urban services, as well as a reduction in the area of urban slums.	Urban sanitation Wastewater treatment and collection networks Sludge management	Amount: \$400 million (regular OCR) and \$150 million (cofinancing) Share of COBP envelope: 6%	No change

ADB = Asian Development Bank; COBP = country operations business plan; OCR = ordinary capital resources.

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	ADB			Gov't	Co-finance	
							Regular OCR	COL	ADF Grants			Total
2018 Firm												
Advanced Knowledge and Skills for Inclusive Growth in Indonesia ^b	EDU	GI	GCD, IEG, PSD	SEHS	2017	200.0	200.0	0.0	0.0	200.0	0.0	0.0
Fiscal and Public Expenditure Management, Subprogram 2 (PBL)	PSM	GI	ESG, GCD, IEG	SEPF	2015	500.0	500.0	0.0	0.0	500.0	0.0	0.0
Indonesian Infrastructure Facility Expansion Support Project ^c	FIN	GI	ESG, IEG, PSD	IRM	NA	100.0	100.0	0.0	0.0	100.0	0.0	0.0
Stepping Up Investments for Growth Acceleration, Subprogram 3 (PBL)	PSM	GI	GCD, IEG, PAR, PSD	SEPF	2014	700.0	500.0	0.0	0.0	500.0	0.0	200.0 ^d
Sustainable Energy Access in Eastern Indonesia—Power Generation Sector Project ^e	ENE	GI	ESG, IEG, KNS, PAR	SEEN	2016	950.0	900.0	0.0	0.0	900.0	0.0	50.0 ^f
Total						2,450.0	2,200.0	0.0	0.0	2,200.0	0.0	250.0
2018 Standby												
Sustainable Energy Access in Eastern Indonesia—Grid Development Program Phase 2 (RBL) ^e	ENE	GI	ESG, GCD, IEG, KNS, PSD	SEEN	NA	455.0	300.0	0.0	0.0	300.0	0.0	155.0 ^g
Total						455.0	300.0	0.0	0.0	300.0	0.0	155.0
2019 Firm												
Financial Market Development and Inclusion, Subprogram 3 (PBL)	FIN	GI	GCD, IEG, PSD	SEPF	2017	400.0	400.0	0.0	0.0	400.0	0.0	0.0

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
Accelerating Infrastructure Delivery through Better Engineering Services Project (additional financing)	ANR	GI	ESG, GEM	IRM	2016	100.0	100.0	0.0	0.0	100.0	0.0	0.0
Strengthening Vocational High Schools to Improve Employability Project	EDU	GI	GCD, GEM	SEHS	2018	400.0	400.0	0.0	0.0	400.0	0.0	0.0
Sustainable Energy Access in Eastern Indonesia—Grid Development Program Phase 2 (RBL) ^e	ENE	TI-H	ESG, GCD, IEG, KNS, PAR, PSD	SEEN	NA	455.0	300.0	0.0	0.0	300.0	0.0	155.0 ^{g,i}
Sustainable Energy Access in Eastern Indonesia—Power Transmission Sector Project ^e	ENE	GI	ESG, IEG, PNS, PAR	SEEN	2018	850.0	800.0	0.0	0.0	800.0	0.0	50.0 ^f
Enhanced Water Security Investment Project ^h	ANR	GI	ESG, GCD, IEG, KNS, PAR, PSD	SEER	2017	600.0	550.0	0.0	0.0	550.0	0.0	50.0 ^j
Sewerage System Development Project in Indonesia ⁱ	WUS	GI	ESG, GCD, GEM, PAR	SEUW	2016	550.0	400.0	0.0	0.0	400.0	0.0	150.0 ^k
Total						3,355.0	2,950.0	0.0	0.0	2,950.0	0.0	405.0
2019 Standby												
Sustainable and Inclusive Energy, Subprogram 3 (PBL)	ENE	GI	ESG, GCD, IEG, PAR, PSD, KNS	SEEN	2018	810.0	400.0	0.0	0.0	400.0	0.0	410.0 ^{d,f,g}
Total						810.0	400.0	0.0	0.0	400.0	0.0	410.0
2020 Firm												
Fiscal and Public Expenditure Management, Subprogram 3 (PBL)	PSM	GI	ESG, GCD, GEM, IEG	SEPF	2018	400.0	400.0	0.0	0.0	400.0	0.0	0.0
Sustainable and Inclusive Energy, Subprogram 3 (PBL)	ENE	GI	ESG, GCD, IEG, PAR, PSD, KNS	SEEN	2018	810.0	400.0	0.0	0.0	400.0	0.0	410.0 ^{d,f,g}

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
Sustainable Energy Access in Eastern Indonesia Gas Distribution Sector Project ^e	ENE	GI	ESG, IEG, KNS	SEEN	2018	550.0	500.0	0.0	0.0	500.0	0.0	50.0 ^f
Integrated Participatory Development and Irrigation Management Project	ANR	GI	ESG, GCD, GEM, IEG, KNS, PAR	SEER	NA	600.0	500.0	0.0	0.0	500.0	0.0	100.0 ⁱ
Follow-Up Support for Higher Education	EDU	GI	GCD, GEM, IEG, PSD	SEHS	2019	500.0	500.0	0.0	0.0	500.0	0.0	0.0
Total						2,860.0	2,300.0	0.0	0.0	2,300.0	0.0	560.0
2020 Standby												
Financial Inclusion Sector Development Program	FIN	GI	EGM, GCD, IEG, PSD	SEPF	2017	360.0	360.0	0.0	0.0	360.0	0.0	0.0
Total						360.0	360.0	0.0	0.0	360.0	0.0	0.0

ADB = Asian Development Bank; ADF = Asian Development Fund; ANR = agriculture, natural resources, and rural development; COL = concessional ordinary capital resources lending; EDU = education; EGM = effective gender mainstreaming; ENE = energy; ESG = environmentally sustainable growth; FIN = finance; GCD = governance and capacity development; GEM = gender equity and mainstreaming; GI = general intervention; Gov't = government; IEG = inclusive economic growth; KNS = knowledge solutions; NA = not applicable; OCR = ordinary capital resources; PAR = partnerships; PBL = policy-based lending; PSD = private sector development; PSM = public sector management; RBL = results-based lending; SDP = sector development program; SEEN = Southeast Asia Energy Division; SEER = Southeast Asia Environment, Natural Resources and Agriculture Division; SEHS = Southeast Asia Human and Social Development Division; SEPF = Southeast Asia Public Management, Finance Sector and Trade Division; SEUW = Southeast Asia Urban Development and Water Division; TI-H = targeted intervention—income poverty at household level; 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 the lending instruments in the actual loan delivery may change.

b. Universities supported under the project include the University of Malikussaleh, Universitas Pendidikan Indonesia, University of Jambi, and University of Riau. This project is referenced in government documentation as Strengthening Capacity of State Higher Education.

c. This project is referenced in government documentation as Increasing PT Indonesia Infrastructure Finance Financing Capacity in Accelerating Infrastructure Development in Indonesia.

d. Indicative cofinancing by KfW.

e. Financed by direct lending to the state electricity authority (Perusahaan Listrik Negara) with a guarantee from the Government of Indonesia.

f. Indicative cofinancing by the Association of Southeast Asian Nations Infrastructure Fund.

g. Indicative cofinancing by the Agence Française de Développement.

h. This project is referenced in government documentation as Enhanced Water Security Investment Project and Flood Management in Selected River Basins Additional Financing.

i. This project is referenced in government documentation as Sewerage System Development in Indonesia.

j. Indicative cofinancing by the International Fund for Agricultural Development.

k. Indicative cofinancing by the Islamic Development Bank.

l. Indicative cofinancing by Clean Energy Financing Partnership Facility—Outputs Based Aid.

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								
Improving Infrastructure Delivery in MPWH	PSM	IRM	TRTA	TASF	750.0			750.0
Preparing the Sustainable Energy Access in Energy Access in Eastern Indonesia—Power Transmission Sector Project	ENE	SEEN	TRTA	TASF		TBD	1,200.0	1,200.0
Pilot Carbon Capture and Storage Activity in the Gas Processing Sector in Indonesia	ENE	SEEN	Grant			CCF	19,200.0	19,200.0
Policy and Analytical Support to Develop an Integrated Industry-Oriented TVET System	EDU	SEHS	KSTA			TBD	1,500.0	1,500.0
Preparation of the Integrated Participatory Development and Irrigation Management Project	ANR	SEER	TRTA			Australia ^a	1,000.0	1,000.0
Green Cities Development	WUS	SEUW	TRTA	TASF	500.0			500.0
Preparing the Strengthening Vocational High Schools to Improve Employability Project	EDU	SEHS	TRTA	TASF		TBD	1,000.0	1,000.0
Promoting Good Practice Regulation	PSM	SEPF	KSTA	TASF	800.0			800.0
Preparing the Sustainable Energy Access in Eastern Indonesia—Gas Distribution Sector Project	ENE	SEEN	TRTA			TBD	1,500.0	1,500.0
Strengthening Capacity of Program Keluarga Harapan	FIN	SEHS	KSTA			TBD	1,000.0	1,000.0
Support for Country Systems	PSM	IRM	TRTA			Australia ^a	500.0	500.0
Support for Implementation of Advanced Knowledge and Skills for Inclusive Growth Project	EDU	SEHS	TRTA			TBD	1,000.0	1,000.0
Sustainable and Inclusive Energy Program Phase 2	ENE	SEEN	KSTA			Australia ^a	1,500.0	1,500.0
Sustainable Infrastructure Assistance Program (Additional Financing)	PSM	IRM	TRTA			Australia ^a	10,000.0	10,000.0
Update of Energy Sector White Paper	ENE	SEEN	KSTA			CEFPF	900.0	900.0
Supporting Participatory Electrification Programs in Eastern Indonesia	ENE	SEEN	TRTA			TBD	1,000.0	1,000.0
Total					2,050.0		31,300.0^b	33,350.0

Assistance Name	Sector	Division	Assistance Type	Sources of Funding				Total (\$'000)
				ADB		Others		
				Source	Amount (\$'000)	Source	Amount (\$'000)	
2019								
Comprehensive Financial Sector Development and Oversight	FIN	SEPF	TRTA	TASF	500.0		500.0	
Identification and Preparation of Demand Side Infrastructure Investment Opportunities	ENE	SEEN	TRTA	TASF	1,500.0		1,500.0	
Preparing School to Work Transition Program	PSM	SEPF	KSTA	TASF	500.0		500.0	
Preparing the Geothermal Sector Project	ENE	SEEN	TRTA			Australia ^a	1,500.0	
Strengthening National and Local Government Procurement	PSM	IRM	TRTA			Australia ^a	400.0	
Strengthening the Sustainability of Sanitation Investments in Selected Cities	WUS	SEUW	TRTA			Australia ^a	300.0	
Support for Strengthening Vocational High Schools to Improve Employability Project	EDU	SEHS	TRTA	TASF	500.0		500.0	
Supporting Smart Grid Development and Solar PV Integration in Eastern Indonesia	ENE	SEEN	TRTA			CEFPF	1,000.0	
Total					3,000.0		3,200.0	
2020								
Strengthening Country Systems Phase 2	PSM	IRM	TRTA	TASF	500.0		500.0	
Support for the Follow-Up Support for Higher Education Project	EDU	SEHS	KSTA			TBD	1,500.0	
Preparing Urban Transport Systems	TRA	SETC	TRTA	TASF	1,000.0		1,000.0	
Strengthening Verification in Demand Side Management in RBLs	ENE	SEEN	TRTA	TASF	1,000.0		1,000.0	
Total					2,500.0		1,500.0^b	

ADB = Asian Development Bank; AFD = Agence Française de Développement; E = agriculture, natural resources, and rural development; CEFPF = Clean Energy Financing Partnership Facility; CCF = Climate Change Fund; EDU = education; ENE = energy; FIN = finance; IRM = Indonesia Resident Mission; KSTA = knowledge and support technical assistance; MPWH = Ministry of Public Works and Housing; PSM = public sector management; PV = photovoltaic; RBL = results-based lending; SEEN = Southeast Asia Energy Division; SEER = Southeast Asia Environment, Natural Resources and Agriculture Division; SEHS = Southeast Asia Human and Social Development Division; SEPF = Southeast Asia Public Management, Finance Sector and Trade Division; SETC = Southeast Asia Transport and Communications Division; SEUW = Southeast Asia Urban Development and Water Division; TASF = Technical Assistance Special Fund; TBD = to be determined; TRA = transport; TRTA = transaction technical assistance; TVET = technical and vocational education; WUS = water and other urban infrastructure and services.

^a. Financed through C-TA 0013-INO: Sustainable Infrastructure Assistance Program.

^b. The total does not include Sustainable Infrastructure Assistance Program (additional financing) for \$10 million as this additional financing is already recorded under separate TA financed by Australia.

Source: ADB estimates.

ASSISTANCE PROGRAM FOR 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)							
						Total	ADB		Total	Gov't	Co-finance		
Regular OCR	COL	ADF Grants											
Firm													
Financial Development and Inclusion, Subprogram 2 (PBL) Integrated Participatory Development and Management of Irrigation Program (RBL)	FIN	GI	ESG, GCD, GEM, IEG, RCI	SEPF	NA	400.0	400.0	0.0	0.0	400.0	0.0	0.0	
Sustainable and Inclusive Energy, Subprogram 2 (PBL) Sustainable Energy Access in Eastern Indonesia, Electricity Grid Development Program (RBL) ^d	ENE	GI	ESG, GEM, GCD, IEG, KNS, PAR	SEER	2013	700.0	500.0	0.0	0.0	500.0	0.0	200.0 ^b	
	ENE	GI	ESG	SEEN	2016	820.0	400.0	0.0	0.0	400.0	0.0	420.0 ^c	
	ENE	GI	ESG, IEG	SEEN	NA	850.0	600.0	0.0	0.0	600.0	0.0	250.0 ^e	
Total						2,770.0	1,900.0	0.0	0.0	1,900.0	0.0	870.0	

ADB = Asian Development Bank; ADF = Asian Development Fund; ANR = agriculture, natural resources, and rural development; COL = concessional ordinary capital resources lending; ENE = energy; ESG = environmentally sustainable growth; FIN = finance; GCD = governance and capacity development; GEM = gender equity and mainstreaming; GI = general intervention; Gov't = government; IEG = inclusive economic growth; KNS = knowledge solutions; NA = not applicable; OCR = ordinary capital resources; PAR = partnerships; PBL = policy-based lending; RBL = results-based lending; RCI = regional integration; SEEN = Southeast Asia Energy Division; SEER = Southeast Asia Environment, Natural Resources and Agriculture Division; SEPF = Southeast Asia Public Management, Finance Sector and Trade Division; TRTA = transaction technical assistance.

a. Given the provisional nature of the indicative lending program, the composition of the lending instruments actually delivered may change. Investment lending accounted for 13% of sovereign lending commitments in 2014–2016, while conventional PBL accounted for 69% and RBL for 18%.

b. Collaborative cofinancing from the International Fund for Agricultural Development (\$100 million), plus cofinancing from the Association of Southeast Asian Nations Infrastructure Fund (\$100 million).

c. To be cofinanced by Agence Française de Développement, KfW and Association of Southeast Asian Nations Infrastructure Fund.

d. Financed by direct lending to the State electricity authority (Perusahaan Listrik Negara) with a guarantee from the Government of Indonesia.

e. To be cofinanced by KfW.

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)	
Advancing Public-Private Partnerships in Indonesia	PSM	IRM	KSTA			Australia ^a	1,500.0	1,500.0
Facilitating Regional Cooperation and Integration between Indonesia and Timor-Leste through Enhanced Cross-Border Cooperation	IND	SDCC	KSTA			Australia ^a	200.0	200.0
Leveraging ICT for Irrigated Agricultural Extension	ANR	SEER	TRTA			JFPR	2,000.0	2,000.0
Preparation of the Enhanced Water Security Investment Project	ANR	SEER	TRTA			Australia ^a	1,000.0	1,000.0
Preparing Advanced Knowledge and Skills for Inclusive Growth in Indonesia	EDU	SEHS	TRTA	TASF	800.0			800.0
Public Financial Management for Sustainable Development Goals	PSM	SEPF	KSTA	TASF	750.0			750.0
Scaling up Energy Efficiency in Indonesia	ENE	SEEN	TRTA			CCF	1,000.0	1,000.0
Strengthening State Procurement for Faster Infrastructure Delivery	PSM	IRM	KSTA			Australia ^a	750.0	750.0
Strengthening Results-Based Lending Independent Monitoring in Irrigation	ANR	SEER	TRTA			Australia ^a	800.0	800.0
Promoting Innovative Financial Inclusion	FIN	SEPF	TRTA	TASF	800.0			800.0
Total					2,350.0		7,250.0	9,600.0

ADB = Asian Development Bank; ANR = agriculture, natural resources, and rural development; CCF = Climate Change Fund; EDU = education; ENE = energy; FIN = finance; ICT = information and communications technology; IND = industry and trade; IRM = Indonesia Resident Mission; JFPR = Japan Fund for Poverty Reduction; KSTA = knowledge and support technical assistance; PSM = public sector management; SDCC = Sustainable Development and Climate Change Department; SEEN = Southeast Asia Energy Division; SEER = Southeast Asia Environment, Natural Resources and Agriculture Division; SEHS = Southeast Asia Human and Social Development Division; SEPF = Southeast Asia Public Management, Finance Sector and Trade Division; SETC = Southeast Asia Transport and Communications Division; TASF = Technical Assistance Special Fund; TBD = to be determined; TRA = transport; TRTA = transaction technical assistance.

^a. Financed through C-TA 0013-INO: Sustainable Infrastructure Assistance Program.

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 or Sector Group or Thematic Group	Technical Assistance
Asian Development Outlook 2018—Indonesia Chapter	Economics	Publication	SERD/IRM	–
Asian Development Outlook 2018 Update—Indonesia Chapter	Economics	Publication	SERD/IRM	–
Indonesia's Country Safeguards Review	Social development and protection	Publication	SERD/IRM	8548
Investment Requirements to Achieve Food Security in Asia and the Pacific	Agriculture and natural resources	Publication	SDCC/SERD/IRM	9218
Asian Development Outlook 2018 (Press Briefing)	Economics	Event	SERD/IRM	–
Asian Development Outlook 2018 Update (Press Briefing)	Economics	Event	SERD/IRM	–
Indonesia's Country Safeguards Review (Seminar)	Social development and protection	Event	SERD/IRM	8548

Total number of publications = 4

Total number of events = 3

ADB = Asian Development Bank, IRM = Indonesia Resident Mission, SDCC = Sustainable Development and Climate Change Department.; SERD = Southeast Asia Department.

Source: ADB.

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

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

Title of Publication or Event	Subject	Type	Department or Sector Group or Thematic Group	Technical Assistance
Asian Development Outlook 2017—Indonesia Chapter	Economics	Publication	SERD/IRM	
Asian Development Outlook 2017 Update—Indonesia Chapter	Economics	Publication	SERD/IRM	
Indonesia Employment Diagnostic Study	Economics	Publication	EREA	7951
Economic Mobility in Urban Asia for Indonesia and the Philippines	Economics, poverty	Publication	ERCD	
Measuring Ease of Doing Business in Five Major Cities in Indonesia	Governance and public sector management	Publication	SERD/IRM	8661
Early Childhood Care & Education (ECCE) Study	Education	Publication	SERD/IRM	7554
Increasing School Effectiveness in Sumba, Volume 3: A Model for School Effectiveness Focusing on Student Learning, and A Model for Implementation of Teacher Networks	Education	Publication	SERD/IRM	7554
Preparing Skilled and Highly Skilled Manpower for Indonesia's Modernizing Maritime Sector	Education	Publication	SERD/IRM	7554
Preparing Skilled and Highly Skilled Manpower for Indonesia's Modernizing Maritime Sector: Human-Centered Design Case Study	Education	Publication	SERD/IRM	7554
Roadmap to a First-Class Assessment System in Indonesia	Education	Publication	SERD/IRM	7554
Support to Assessment Center, Phase 2	Education	Publication	SERD/IRM	7554
Support to MOEC on Curriculum Reform	Education	Publication	SERD/IRM	7554
Support to Vocational Education Reform Strategy Development	Education	Publication	SERD/IRM	7554
Blueprint for Computer-Based Testing Platform	Education	Publication	SERD/IRM	7554
Teacher Retirement Pattern 2017–2027: An Opportunity to Improve Teacher Management	Education	Publication	SERD/IRM	7554
Compendium of Main Findings and Policy Options from ACDP 2011–2017	Education	Publication	SERD/IRM	7554
Compendium Book of <i>Kopi Darat</i> /Media Gathering on Education	Education	Publication	SERD/IRM	7554
Online Repository for Indonesia's Education Policies	Education	Publication	SERD/IRM	7554
LED Street Lighting Best Practices: Indonesia	Energy	Publication	SEEN	8483
Emerging Indonesian Data Center Market and Energy Efficiency Opportunities	Energy	Publication	SEEN	8483
Launch of Indonesia Employment Diagnostic Study (Seminar)	Economics	Event	EREA	7951
Initial Steps Reforming the Investment Climate at the Local Level: Measuring Ease of Doing Business in Five Major Cities in Indonesia (Press Briefing)	Governance and public sector management	Event	SERD/IRM	8661
Indonesia's Border Economic Area Development (Workshop)	Regional integration and cooperation	Event	SERD/IRM/ERCD	8814
Asia-Pacific Trade Facilitation Forum 2017 (Conference)	Industry and trade	Event	ERCD	9258
International Conference on Navigating Financial Stability in an Evolving Global Economic System (Conference)	Finance	Event	SERD	

Title of Publication or Event	Subject	Type	Department or Sector Group or Thematic Group	Technical Assistance
International Forum on Economic Development Public Policy: Technology Changes, Productivity and Development (Conference)	Multisector	Event	SERD/IRM	8661/8858
Meeting Asia's Infrastructure Needs (Seminar, Media Visit, Campus Lecture)	Multisector	Event	ERCD/SERD/IRM	8779
ACDP Final Forum: Sharing Knowledge-to-Policy and Beyond in the Education Sector (Seminar)	Education	Event	SERD/IRM	7554
Banking on the Future of Asia and Pacific (Seminar)	Multisector	Event	DER/SERD/IRM	–
Asian Development Outlook 2017 (Press Briefing)	Economics	Event	SERD/IRM	–
Asian Development Outlook 2017 Update (Press Briefing)	Economics	Event	SERD/IRM	–

Total number of publications = 20

Total number of events = 11

ADB = Asian Development Bank; ACDP = Analytical and Capacity Development Project; ASEAN = Association of Southeast Asian Nations; DER = Department of External Relations; ERCD = Economic Research and Regional Cooperation Department; EREA = Economic Analysis and Operational Support Division; IRM = Indonesia Resident Mission; LED = light-emitting diode; MOEC = Ministry of Education and Culture; SERD = Southeast Asia Department.

Source: ADB.

Note: "Publications" may include databases, multimedia, and other forms of documentation. "Events" may include event organization and training or capacity development. This table includes additional knowledge publications and events delivered outside the list of indicative knowledge publications and events included in the 2017–2019 country operations business plan.

Table A4.3: Innovation, Advanced Technology, and Pilot Initiatives to be Implemented in 2018

Item	Nature	Project Number	Sector or Theme	Division
Sustainable Energy Access in Eastern Indonesia—Grid Development Program Phase 2 (RBL)	PLT	51114-001	ENE	SEEN
Accelerating Infrastructure Delivery through Better Engineering Services Project (additional financing) (Grant)	PLT	49141-001	ANR	IRM
Pilot Carbon Capture and Storage Activity in the Gas Processing Sector in Indonesia	TCH	49081-001	ENE	SEEN
Sustainable Energy Access in Eastern Indonesia—Power Generation Sector Project	PLT	49203-002	ENE	SEEN
Total number of innovation, advanced technology, and pilot initiatives = 4				

ANR = agriculture, natural resources, and rural development; ENE = energy; FIN = finance; INO = innovation; IRM = Indonesia Resident Mission; PLT = pilot initiative; RBL = results-based lending; SEEN = Southeast Asia Energy Division; TA = technical assistance; TCH = advanced technology.

Source: Asian Development Bank.