



Board of Directors

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## Country Operations Business Plan: Myanmar, 2019–2021

Attached for information is a paper on the above subject.

For Inquiries: Newin Sinsiri, Myanmar Resident Mission  
(Ext. 85570123/85571223)  
Yumiko Tamura, Myanmar Resident Mission  
(Ext. 85570111)



# Country Operations Business Plan

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December 2018

Myanmar  
2019–2021

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

Asian Development Bank

## CURRENCY EQUIVALENTS

(as of 12 November 2018)

Currency unit	–	kyat (MK)
MK1.00	=	\$0.000626
\$1.00	=	MK1,597.5

## ABBREVIATIONS

ADB	–	Asian Development Bank
ADF	–	Asian Development Fund
COBP	–	country operations business plan
COL	–	concessional ordinary capital resources lending
CPS	–	country partnership strategy
DACU	–	Development Assistance Coordination Unit
DAP	–	development assistance policy
TA	–	technical assistance

## NOTES

- (i) The fiscal year (FY) of the Government of Myanmar begins on 1 October and ends on 30 September (shifted from an April–March cycle in 2018). “FY” before a calendar year denotes the year in which the fiscal year ends, e.g., FY2019 begins on 1 October 2018 and ends on 30 September 2019.
- (ii) In this report, "\$" refers to United States dollars.

<b>Vice-President</b>	Stephen Groff, Operations 2
<b>Director General</b>	Ramesh Subramaniam, Southeast Asia Department (SERD)
<b>Country Director</b>	Newin Sinsiri, Myanmar Resident Mission (MYRM), SERD
<b>Team leader</b>	Yumiko Tamura, Principal Country Specialist, MYRM, SERD
<b>Team members</b>	Myanmar country team

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## **I. CONSISTENCY OF BUSINESS PLAN WITH COUNTRY PARTNERSHIP STRATEGY**

1. The country partnership strategy (CPS) of the Asian Development Bank (ADB) for Myanmar, 2017–2021, approved in March 2017, supports the government in achieving sustainable and inclusive economic development and creating jobs to reduce poverty.<sup>1</sup> ADB support focuses on (i) improving access and connectivity to link Myanmar to regional and global markets; (ii) building human resources and capacity to enhance competitiveness; and (iii) promoting structural and policy reforms to transform and modernize the economy, and strengthen public and private institutions. These are in line with the government's strategic directions in the Myanmar Sustainable Development Plan (2018–2030) and ADB's Strategy 2030.

2. Energy, transport, and urban infrastructure will remain the mainstay of ADB operations, complemented by rural development, education, and training. Support to capacity development and governance, private sector development, environment and climate change, disaster risk management, regional cooperation, and gender equity will be intensified. ADB's concessional sovereign lending and its market-based finance for the private sector will help fill the country's investment deficit, and knowledge solutions and policy advisory will also be provided.

3. The country operations business plan (COBP), 2017–2019 was attached to the CPS, 2017–2021. Subsequently, the government significantly changed its official development assistance policy (DAP) and procedures in 2017, including the establishment of the Development Assistance Coordination Unit (DACU). Partly as a result, the country programming and COBP, 2018–2020 could not be finalized on time and the processing of the projects intended for approval in 2017 could not be completed. The 2017 projects were shifted to 2018. The proposed COBP, 2019–2021, which incorporates all the elements of the new DAP and procedures of DACU, is consistent with the CPS objectives and focuses on transport (50%), energy (19%), agriculture, natural resources, and rural development (12%), water and other urban infrastructure and services (6%), education (6%), public sector management (5%), and health (2%).

4. In line with the CPS, ADB has made considerable efforts to ensure that all ADB projects are conflict-sensitive and focus on inclusivity. ADB assistance will (i) not worsen ongoing conflict; (ii) contribute to Myanmar's inclusive development, ensuring equitable benefits to all communities; and (iii) not be disrupted by local conflict. To achieve this, the design of ADB projects must include measures that ensure project-affected people of all ethnic groups are properly informed about the project; involved in project decision-making, particularly with respect to compensation for adverse impacts; and given equal opportunity to participate in and obtain project benefits.

## **II. INDICATIVE RESOURCE PARAMETERS**

5. Myanmar, a group A developing member country, is eligible for ADB concessional assistance. The indicative resource allocation available for commitment in 2019–2021 is \$1,324.96 million, including \$26.73 million from the indicative disaster risk reduction (DRR) resources, of which: \$17.82 million is from concessional ordinary capital resources lending (COL) and \$8.91 million is from the Asian Development Fund grant.<sup>2</sup> It also includes a carryover resource of \$210.16 million from 2017–2018, which will be utilized by 2019. The final allocation will depend on available resources and the outcome of the country performance assessments. Cofinancing and funding from

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<sup>1</sup> ADB. 2017. *Country Partnership Strategy: Myanmar, 2017–2021—Building the Foundations for Inclusive Growth*. Manila.

<sup>2</sup> 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.

other sources, including the regional pool under concessional resources, will be explored. The 2018 debt distress classification of Myanmar was assessed to be at low risk.<sup>3</sup> In accordance with the concessional assistance policy, Myanmar will not receive grants for its country allocation in 2018.<sup>4</sup>

6. The firm lending pipeline (including regional projects) for Myanmar totals \$1,630.3 million during 2019–2021. If the firm program has been fully realized, ADB will advance resources from 2021–2022 allocation. Appendix 1 summarizes the areas of assistance and the resource allocation for each sector. The indicative assistance pipeline for 2019–2021 is in Appendix 2, the program for 2018 in Appendix 3, and a list of knowledge products in Appendix 4.

### **III. SUMMARY OF CHANGES TO LENDING AND NONLENDING PROGRAMS**

7. Compared with the previous COBP, the 2018 lending pipeline (i) renamed the Transport Sector Modernization Project to Greater Mekong Subregion Highway Modernization Project and moved it to 2018 together with the Third Greater Mekong Subregion Corridor Towns Development Project and the Climate-Friendly Agribusiness Value Chains Sector Project; (ii) moved the Rural Roads and Access Project to 2019; (iii) renamed the Strengthening the Business Climate Program to Enhancing Financial Access through a Sovereign Credit Guarantee Facility and moved it to 2019; (iv) renamed Disaster-Resilient Rural Development in Myanmar to the Resilient Communities Development Project and moved it to 2019; and (v) dropped the Greater Mekong Subregion Second Tourism Infrastructure for Inclusive Growth Project.

8. The 2018 nonlending pipeline replaced the Second Capacity Development for Project Implementation knowledge and support TA with supplementary financing for the first project that was approved in January 2016. Three TA projects are new to the 2018 nonlending program: (i) Road Safety for Highway Development in the Greater Mekong Subregion East–West Economic Corridor, (ii) Transport Sector Reform and Modernization supplementary financing, and (iii) Support for Strengthening Business Climate supplementary financing. ADB dropped TA for Enhancing Subnational Disaster Risk Management Systems and integrated other TA projects in the proposed regional TA projects.

9. The 2019 lending pipeline (i) increased funding for the Rural Roads and Access Project to \$200.0 million (\$194.2 million in COL and \$5.8 million in ADF grants), (ii) reduced funding for the Enhancing Financial Access through a Sovereign Credit Guarantee Facility to \$60 million in COL, and (iii) increased funding for the Resilient Communities Development Project to \$195.0 million (\$189.1 million in COL and \$5.9 million in ADF grants). The Second Transport Sector Modernization Project was renamed Greater Mekong Subregion Highway Modernization Project (additional financing) and moved to 2021 standby. The Second Greater Mekong Subregion East–West Economic Corridor Road Corridor Improvement Project was renamed Second Greater Mekong Subregion Highway Modernization Project and moved to 2020. The Second Mandalay Urban Services Improvement Project was moved to 2021 standby.

10. TA for project preparation and implementation, capacity development, and knowledge work will be provided through large regional TA projects or regional transaction TA facilities, with a sector or thematic focus.

<sup>3</sup> International Monetary Fund. February 9, 2018. *Myanmar: 2017 Article IV Consultation—Debt Sustainability Analysis*. Washington, D.C.

<sup>4</sup> The proportion of grants for the resource allocations in 2019–2021 will be determined by future annual debt distress classifications in accordance with the concessional assistance policy.

## COUNTRY ASSISTANCE RESULTS AREAS

Key Country Development Outcomes that ADB Contributes to	ADB		
	Key Areas of Assistance	Indicative Resource Allocation in 2019–2021	Changes from Last COBP
<b>1. Agriculture, Natural Resources, and Rural Development</b>			
Improved livelihoods of farmers and rural dwellers	Water resource development and conservation  Irrigation system development and modernization, agriculture modernization, and agribusiness development.  Rural development  Capacity development of relevant agencies	Amount: \$189.1 million in COL and \$5.9 million in grants  Share of COBP envelope: 12.0%	Moved one project from 2018 to 2019  Increased COL allocation from \$46.9 million to \$189.1 million
<b>2. Education</b>			
Increased completion rate in high schools  Increased enrollment rate in technical and vocational education	Technical and vocational education and training: skills training and curriculum reforms  Education sector development: educational system, policy, and legislative reforms  Support for secondary education subsector  Capacity development	Amount: \$100 million in COL  Share of COBP envelope: 6.1%	No change
<b>3. Energy</b>			
Increased number of households with access to 24-hour electricity supply	Transmission and distribution rehabilitation and expansion  Rural electrification  Renewable energy  Public–private partnerships	Amount: \$300 million in COL  Share of COBP envelope: 18.4%	Moved one project from 2018 to 2021  Increased COL allocation from \$250 million to \$300 million  Previously identified cofinancing no longer expected
<b>4. Health</b>			
Improved access to basic health services	Health care finance	Amount: \$36 million in COL  Share of COBP envelope 2.2%	Added one regional project to 2021
<b>5. Public Sector Management</b>			
Improved access to credit facilities and enhanced regional trade	Public administration	Amount: \$84 million in COL	Renamed and moved one project from 2018

Key Country Development Outcomes that ADB Contributes to	ADB		
	Key Areas of Assistance	Indicative Resource Allocation in 2019–2021	Changes from Last COBP
		Share of COBP envelope: 5.2%	to 2019, with financing reduced from \$100 million to \$60 million
<b>4. Transport</b>			
Increased access to all-weather roads	Road rehabilitation: national and provincial roads  Sector-wide management and reforms  Road safety	Amount: \$809.5 million in COL, \$5.8 million in grants, and \$60.0 in cofinancing  Share of COBP envelope: 50.0%	Moved rural roads project from 2017 to 2019  Dropped one national project for 2019 from the pipeline  Identified \$60 million cofinancing opportunity for an urban transport project in 2021
<b>5. Water and Other Urban Infrastructure and Services (Core Areas 1: Infrastructure)</b>			
Increased access by urban populations to clean water and wastewater treatment	Urban water supply, sewerage, and sanitation.	Amount: \$100 million in COL  Share of COBP envelope: 6.1%	Allocated \$100 million in COL for urban services projects in Yangon.  Moved the second Mandalay urban services project from 2019 to 2021 standby.

ADB = Asian Development Bank, COBP = country operations business plan, COL = concessional ordinary capital resources lending.  
Source: ADB estimates.

## INDICATIVE ASSISTANCE PIPELINE

Table A2.1: Lending Products, 2019–2021

Project/Program Name	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			
<b>2019 Firm (National)</b>												
Rural Roads and Access Project	TRA	GI	IEG, GEM	SETC	2016	200.0	0.0	194.2	5.8	200.0	0.0	0.0
Enhancing Financial Access through a Sovereign Credit Guarantee Facility	PSM	GI	PSD, GEM, PAR	SEPF	2017	60.0	0.0	60.0	0.0	60.0	0.0	0.0
Resilient Communities Development Project	ANR	TI-G	IEG, ESG, GEM, GCD	SEER	2017	195.0	0.0	189.1	5.9	195.0	0.0	0.0
Equipping Youth for Employment Project (additional financing) <sup>a</sup>	EDU	GI	IEG, GEM, GCD, KNS, PAR	MYRM	2017	100.0	0.0	100.0	0.0	100.0	0.0	0.0
<b>Total</b>						<b>555.0</b>	<b>0.0</b>	<b>543.3</b>	<b>11.7</b>	<b>555.0</b>	<b>0.0</b>	<b>0.0</b>
<b>2019 Standby (National)</b>												
Yangon Urban Services Improvement Project	WUS	GI	IEG, ESG, GEM, GCD, KNS, PAR	SEUW	2018	100.0	0.0	100.0	0.0	100.0	0.0	0.0
<b>Total</b>						<b>100.0</b>	<b>0.0</b>	<b>100.0</b>	<b>0.0</b>	<b>100.0</b>	<b>0.0</b>	<b>0.0</b>
<b>2020 Firm (National)</b>												
Yangon Urban Services Improvement Project	WUS	GI	IEG, ESG, GEM, GCD, KNS, PAR	SEUW	2018	100.0	0.0	100.0	0.0	100.0	0.0	0.0
<b>Total</b>						<b>100.0</b>	<b>0.0</b>	<b>100.0</b>	<b>0.0</b>	<b>100.0</b>	<b>0.0</b>	<b>0.0</b>
<b>2020 Firm (Regional)</b>												
Second GMS Highway Modernization Project	TRA	GI	IEG, GEM, RCI	SETC	2017	275.3	0.0	275.3	0.0	275.3 <sup>b</sup>	0.0	0.0
<b>Total</b>						<b>275.3</b>	<b>0.0</b>	<b>275.3</b>	<b>0.0</b>	<b>275.3</b>	<b>0.0</b>	<b>0.0</b>
<b>2020 Standby (National)</b>												
Yangon Urban Transport Project	TRA	GI	IEG, GEM	SETC	2017	200.0	0.0	140.0	0.0	140.0	0.0	60.0 <sup>c</sup>
<b>Total</b>						<b>200.0</b>	<b>0.0</b>	<b>140.0</b>	<b>0.0</b>	<b>140.0</b>	<b>0.0</b>	<b>60.0</b>

Project/Program Name	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
<b>2020 Standby (Regional)</b>												
Enhancing Capacity of SPS Arrangement to Facilitate Trade in Myanmar	PSM	GI	PSD, GEM, PAR, RCI	SEPF	2014	24.0	0.0	24.0	0.0	24.0	0.0	0.0
<b>Total</b>						<b>24.0</b>	<b>0.0</b>	<b>24.0</b>	<b>0.0</b>	<b>24.0</b>	<b>0.0</b>	<b>0.0</b>
<b>2021 Firm (National)</b>												
Railway Modernization Project	TRA	GI	IEG, GEM	SETC	2017	200.0	0.0	200.0	0.0	200.0	0.0	0.0
Yangon Urban Transport Project	TRA	GI	IEG, GEM	SETC	2017	200.0	0.0	140.0	0.0	140.0	0.0	60.0
Sustainable Power System Development Project	ENE	GI	IEG, ESG, GEM, PSD	SEEN	2018	300.0	0.0	300.0	0.0	300.0	0.0	0.0
<b>Total</b>						<b>700.0</b>	<b>0.0</b>	<b>640.0</b>	<b>0.0</b>	<b>640.0</b>	<b>0.0</b>	<b>60.0</b>
<b>2021 Firm (Regional)</b>												
GMS Universal Health Care Project	HLT	GI	IEG, RCI, GEM, GCD	SEHS	2019	36.0	0.0	36.0	0.0	36.0 <sup>d</sup>	0.0	0.0
Enhancing Capacity of SPS Arrangement to Facilitate Trade in Myanmar	PSM	GI	PSD, GEM, PAR, RCI	SEPF	2014	24.0	0.0	24.0	0.0	24.0 <sup>d</sup>	0.0	0.0
<b>Total</b>						<b>60.0</b>	<b>0.0</b>	<b>60.0</b>	<b>0.0</b>	<b>60.0</b>	<b>0.0</b>	<b>0.0</b>
<b>2021 Standby (National)<sup>e</sup></b>												
Irrigated Agriculture Inclusive Development Project II	ANR	TI-G	IEG, ESG, GEM, PAR	SEER	2018	120.0	0.0	120.0	0.0	120.0	0.0	0.0
Second Mandalay Urban Services Improvement Project	WUS	GI	IEG, ESG, GEM, GCD, KNS, PAR	SEUW	2017	150.0	0.0	150.0	0.0	150.0	0.0	0.0
Second Equipping Youth for Employment Project	EDU	GI	IEG, GEM, GCD, KNS, PAR	MYRM	2019	100.0	0.0	100.0	0.0	100.0	0.0	0.0
Finance Sector Development Program	PSM	GI	PSD, GEM, PAR	SEPF	2018	60.0	0.0	60.0	0.0	60.0	0.0	0.0
<b>Total</b>						<b>430.0</b>	<b>0.0</b>	<b>430.0</b>	<b>0.0</b>	<b>430.0</b>	<b>0.0</b>	<b>0.0</b>

Project/Program Name	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		
<b>2021 Standby (Regional)</b>												
GMS Highway Modernization Project (additional financing)	TRA	GI	IEG, GEM, RCI	SETC	2015	120.0	0.0	120.0	0.0	120.0	0.0	0.0
<b>Total</b>						<b>120.0</b>	<b>0.0</b>	<b>120.0</b>	<b>0.0</b>	<b>120.0</b>	<b>0.0</b>	<b>0.0</b>

... = data not available; ADB = Asian Development Bank; ADF = Asian Development Fund; ANR = agriculture, natural resources, and rural development; COL = concessional OCR lending; EDU = education; ENE = energy; ESG = environmentally sustainable growth; EWEC = East–West Economic Corridor; GI = general intervention; GCD = governance and capacity development; GEM = gender equity and mainstreaming; GMS = Greater Mekong Subregion; Gov't = government; IEG = inclusive economic growth; KNS = knowledge solutions; MYRM = Myanmar Resident Mission; OCR = ordinary capital resources; PAR = partnerships; PDA = project design advance; PSD = private sector development; PSM = public sector management; RCI = regional cooperation and integration; SEEN = Southeast Asia Energy Division; SEER = Southeast Asia Environment, Natural Resources and Agriculture Division; SEPF = Southeast Asia Public Management, Financial Sector, and Trade Division; SETC = Southeast Asia Transport and Communications Division; SEUW = Southeast Asia Urban Development and Water Division; SPS = sanitary and phytosanitary measures; TI-G = targeted intervention—geographic dimensions of inclusive growth; TRA = transport; TRTA = transaction technical assistance; WUS = water supply and other urban infrastructure and services.

<sup>a</sup> The indicative loan amount excludes (i) expected collaborative cofinancing of EUR175 million grant via EU's Enhancing the Education and Skills Base in Myanmar budget support program, expected for approval by end 2018; and (ii) expected complementary EU-financed, ADB administered TA included in the 2019 pipeline.

<sup>b</sup> The proposed loan amount of \$275.3 million may be supplemented by the regional COL allocation for GMS and other sources if the project needs a larger loan amount.

<sup>c</sup> The co-financier is yet to be identified.

<sup>d</sup> Of the total estimated amount, \$16 million is envisaged to come from the regional COL allocation for GMS.

<sup>e</sup> The standby projects for 2021 reflect the demand for financing based on discussions with the Government of Myanmar. The preparation of these projects will depend on additional available resources in the future.

Source: ADB estimates.

Table A2.2: Nonlending Products and Services, 2019–2021

Table A2.2: Nonlending Products and Services, 2019–2021								
Assistance Name	Sector	Division	Assistance Type	Sources of Funding				
				ADB		Others		Total (\$'000)
				Source <sup>a</sup>	Amount (\$'000)	Source <sup>a</sup>	Amount (\$'000)	
<b>2019 Firm (National)</b>								
Implementation of the Myanmar Sustainable Development Plan	PSM	MYRM	KSTA	TASF	1,000.0		0.0	1,000.0
Support for Equipping Youth for Employment <sup>b</sup>	EDU	MYRM	TRTA			EU	30,000.0	30,000.0
<b>Total</b>					<b>1,000.0</b>		<b>30,000.0</b>	<b>31,000.0</b>
<b>2019 Firm (Regional)</b>								
Southeast Asia Energy Sector Development: Investment Planning and Capacity Building Facility (supplementary financing)	ENE	SEEN	TRTA	TASF	2,000.0	TBD	1,000.0	3,000.0
GMS Agriculture and Environment Service Hub	ANR	SEER	KSTA	TASF	1,000.0	TBD	3,000.0	4,000.0
Human and Social Development in Southeast Asia	HLT, EDU	SEHS	TRTA	TASF	2,000.0			2,000.0
Preparing Transport Sector Projects in Southeast Asia (Phase 2)	TRA	SETC	TRTA	TASF	5,000.0			5,000.0
Financial Sector in Southeast Asia	PSM	SEPF	KSTA	TASF	3,000.0			3,000.0
Improving Road Safety for Sustainable Development in ASEAN	TRA	SETC	KSTA	TASF	0.0	JFPR	2,000.0	2,000.0
Strengthening Procurement Systems in Southeast Asian DMCs	PSM	SEOD	KSTA	TASF	1,000.0		0.0	1,000.0
Preparing Agriculture, Natural Resources, and Rural Development Projects in the ASEAN (supplementary financing)	ANR	SEER	TRTA	TASF	2,000.0			2,000.0
Knowledge Development Support for Southeast Asia (supplementary financing)	MUL	SERC	KSTA	TASF	1,500.0		0.0	1,500.0
Enhancing Gender Equality Results in the Southeast Asian DMCs	MUL	SEHS	KSTA	TASF	1,500.0		0.0	1,500.0
<b>Total</b>					<b>19,000.0</b>		<b>6,000.0</b>	<b>25,000.0</b>
<b>2020 Firm (National)</b>								
Capacity Development for Project Implementation (Phase 2)	PSM	MYRM	KSTA		0.0	JFPR <sup>c</sup>	2,000.0	2,000.0
<b>Total</b>					<b>0.0</b>		<b>2,000.0</b>	<b>2,000.0</b>
<b>2020 Firm (Regional)</b>								
Southeast Asia Urban Services Facility (Phase 2)	WUS	SEUW	TRTA	TASF	5,000.0	TBD	5,000.0	10,000.0
Southeast Asia Energy Sector Development, Investment Planning and Capacity Building Facility (Phase 2)	ENE	SEEN	TRTA	TASF	3,000.0	TBD	2,000.0	5,000.0

Assistance Name	Sector	Division	Assistance Type	Sources of Funding				
				ADB		Others		Total (\$'000)
				Source <sup>a</sup>	Amount (\$'000)	Source <sup>a</sup>	Amount (\$'000)	
Public Sector Management in Southeast Asia	FIN	SEPF	KSTA	TASF	4,000.0	TBD	500.0	4,500.0
GMS Agriculture and Environment Service Hub	ANR	SEER	TRTA	TASF	2,000.0	TBD	1,000.0	3,000.0
Green and Innovative Finance Initiative for Scaling Up Southeast Asian Infrastructure (supplementary financing)	FIN	SERC	KSTA	TASF	2,500.0		0.0	2,500.0
Sustaining the Gains of Regional Cooperation in the GMS (supplementary financing)	MUL	SERC	KSTA	TASF	1,500.0	TBD	1,000.0	2,500.0
Strengthening Safeguards Management in Southeast Asia (supplementary financing)	PSM	SEOD	KSTA	TASF	1,500.0		0.0	1,500.0
<b>Total</b>					<b>19,500.0</b>		<b>9,500.0</b>	<b>29,000.0</b>
<b>2021 Firm (Regional)</b>								
Preparing Agriculture, Natural Resources, and Rural Development Projects in Southeast Asia (Phase 2)	ANR	SEER	TRTA	TASF	3,000.0	TBD	2,000.0	5,000.0
Preparing Transport Sector Projects in Southeast Asia (Phase 3)	TRA	SETC	TRTA	TASF	4,000.0	TBD	2,000.0	6,000.0
Knowledge Development Support for Southeast Asia (Phase 2)	MUL	SERC	KSTA	TASF	1,500.0		0.0	1,500.0
Public Sector Management in Southeast Asia (Phase 2)	PSM	SEPF	KSTA	TASF	3,000.0			3,000.0
Human and Social Development in Southeast Asia (supplementary financing)	HLT, EDU	SEHS	TRTA	TASF	2,000.0	TBD	2,000.0	4,000.0
Enhancing Effectiveness of Subregional Programs to Advance Regional Cooperation and Integration in Southeast Asia (supplementary financing)	MUL	SERC	KSTA	TASF	1,000.0	TBD	1,000.0	2,000.0
Strengthening Procurement Systems in Southeast Asian DMCs (supplementary financing)	MUL	SEOD	KSTA	TASF	1,500.0		0.0	1,500.0
<b>Total</b>					<b>16,000.0</b>		<b>7,000.0</b>	<b>23,000.0</b>

ADB = Asian Development Bank; ANR = agriculture, natural resources, and rural development; ASEAN = Association of Southeast Asian Nations; DMC = developing member country; ENE = energy; EU = European Union; FIN = finance; HLT = health; IND = industry and trade; JFPR = Japan Fund for Poverty Reduction; KSTA = knowledge and support technical assistance; MUL = multisector; MYRM = Myanmar Resident Mission; PSM = public sector management; SEEN = Southeast Asia Energy Division; SEER = Southeast Asia Environment, Natural Resources and Agriculture Division; SEHS = Southeast Asia Human and Social Development Division; SEOD = Office of the Director General of Southeast Asia; SEPF = Southeast Asia Public Management, Financial Sector, and Trade Division; SERC = Southeast Asia Regional Cooperation and Operations Coordination Division; SETC = Southeast Asia Transport and Communications Division; TASF = Technical Assistance Special Fund; TBD = to be determined; TRA = transport; TRTA = transaction technical assistance; WUS = water and other urban infrastructure and services.

<sup>a</sup> Regional technical assistance covers multiple countries and only a portion of the total amount is allocated to Myanmar.

<sup>b</sup> TA title and amount are indicative, pending further dialogue with the government and EU.

<sup>c</sup> JFPR as possible funding source is subject to the approval of the Government of Japan.

Source: ADB estimates.

## ASSISTANCE PROGRAM FOR CURRENT YEAR

Table A3.1: Lending and Grant Products, 2018

Project/Program Name	Sector	Poverty Targeting	Strategic Agendas and Drivers of Change	Division	Year of TRTA/ PDA	Cost (\$ million)						
						ADB						Co-finance
						Total	Regular OCR	COL	ADF Grants	Total	Gov't	
<b>2018 Firm (National)</b>												
Power Network Development Project	ENE	GI	IEG, ESG, GEM, PSD	SEEN	2016	298.9	0.0	298.9	0.0	298.9	0.0	0.0
<b>Total</b>						<b>298.9</b>	<b>0.0</b>	<b>298.9</b>	<b>0.0</b>	<b>298.9</b>	<b>0.0</b>	<b>0.0</b>
<b>2018 Firm (Regional)</b>												
GMS Highway Modernization Project	TRA	GI	IEG, GEM, RCI	SETC	2015	202.1	0.0	194.7	0.0	194.7 <sup>a</sup>	7.4	0.0
Third GMS Corridor Towns Development Project	WUS	GI	IEG, ESG, RCI, GEM, GCD, KNS, PAR	SEUW	2014	86.5	0.0	80.0	0.0	80.0 <sup>b</sup>	6.5	0.0
Climate-Friendly Agribusiness Value Chains Sector Project	ANR	TI-G	IEG, ESG, RCI, GEM, GCD, PAR	SEER	2015	63.9	0.0	40.5	0.0	40.5 <sup>c</sup>	1.4	22.0
<b>Total</b>						<b>352.5</b>	<b>0.0</b>	<b>315.2</b>	<b>0.0</b>	<b>315.2</b>	<b>15.3</b>	<b>22.0</b>

ADB = Asian Development Bank; ADF = Asian Development Fund; ANR = agriculture, natural resources, and rural development; COL = concessional OCR lending; ENE = energy; ESG = environmentally sustainable growth; GCD = governance and capacity development; GEM = gender equity and mainstreaming; GI = general intervention; GMS = Greater Mekong Subregion; Gov't = government; IEG = inclusive economic growth; KNS = knowledge solutions; MYRM = Myanmar Resident Mission; OCR = ordinary capital resources; PAR = partnerships; PDA = project design advance; PSD = private sector development; SEEN = Southeast Asia Energy Division; SEER = Southeast Asia Environment, Natural Resources and Agriculture Division; SEUW = Southeast Asia Urban Development and Water Division; TI-G = targeted intervention—geographic dimensions of inclusive growth; TRTA = transaction technical assistance; WUS = water and other urban services.

<sup>a</sup> Of the total estimated amount, \$50 million is envisaged to come from the regional COL allocation for GMS.

<sup>b</sup> Of the total estimated amount, \$53 million is envisaged to come from the regional COL allocation for GMS.

<sup>c</sup> Of the total estimated amount, \$27 million is envisaged to come from the regional COL allocation for GMS.

Source: ADB estimates.

Table A3.2: Nonlending Products and Services, 2018

				Sources of Funding				
				ADB		Others		
Assistance Name	Sector	Division	Assistance Type	Source <sup>a</sup>	Amount (\$'000)	Source <sup>a</sup>	Amount (\$'000)	Total (\$'000)
<b>2018 Firm (National)</b>								
Capacity Development for Project Implementation (supplementary financing)	PSM	MYRM	KSTA	TASF	1,000.0			1,000.0
Road Safety for Highway Development in GMS East–West Economic Corridor	TRA	SETC	TRTA			JFPR	1,000.0	1,000.0
Transport Sector Reform and Modernization (supplementary financing)	TRA	SETC	TRTA	TASF	1,000.0			1,000.0
Support for Strengthening Business Climate (supplementary financing)	FIN	SEPF	KSTA		0.0	DFID	5,080.0	5,080.0
<b>Total</b>					<b>2,000.0</b>		<b>6,080.0</b>	<b>8,080.0</b>
<b>2018 Firm (Regional)</b>								
Southeast Asia Urban Services Facility	WUS	SEUW	TRTA	TASF	5,000.0	UCCRTF	4,000.0	9,000.0
Southeast Asia Transport Project Preparatory Facility	TRA	SETC	TRTA	TASF	5,000.0			5,000.0
Preparing Agriculture, Natural Resources and Rural Development Projects in Southeast Asia (Facility)	ANR	SEER	TRTA	TASF	2,600.0	PRITF	900.0	3,500.0
Southeast Asia Energy Sector Development, Investment Planning and Capacity Building Facility	ENE	SEEN	TRTA	TASF	4,000.0	CEFPF, CTF	1,400.0	5,400.0
Strengthening Safeguards Management in Southeast Asia	TRA	SEOD	KSTA	TASF	1,500.0		0.0	1,500.0
Green and Innovative Finance Initiative for Scaling Up Southeast Asian Infrastructure	FIN	SERC	KSTA	TASF	2,500.0			2,500.0
Enhancing Effectiveness of Subregional Programs to Advance Regional Cooperation and Integration in Southeast Asia	MUL	SERC	KSTA	TASF	1,000.0	PRCF	700.0	1,700.0
Strengthening Regional Health Cooperation in the Greater Mekong Subregion	HLT	SEHS	KSTA	TASF	500.0	RCIF	500.0	1,000.0
Mekong Tourism Innovation	IND	VRM	KSTA		0.0	DFAT	230.0	230.0
Support to the Association of Southeast Asian Nations Economic Community (supplementary financing)	PSM	SEPF	KSTA	TASF	3,000.0		0.0	3,000.0
Core Environment Program and Biodiversity Conservation Corridors Initiative in the Greater Mekong Subregion, Phase 2 (supplementary financing)	ANR	SEER	KSTA	TASF	1,000.0		0.0	1,000.0
Mekong Business Initiative (supplementary financing)	IND	VRM	KSTA	TASF	500.0	DFAT	1,300.0	1,800.0
<b>Total</b>					<b>26,600.0</b>		<b>9,030.0</b>	<b>35,630.0</b>

ADB = Asian Development Bank; ANR = agriculture, natural resources, and rural development; CEFPF = Clean Energy Financing Partnership Facility; CTF = Clean Technology Fund; DFAT = Department of Foreign Affairs and Trade of Australia; DFID = Department for International Development of the United Kingdom; ENE = energy; FIN = finance; HLT = health; IND = industry and trade; JFPR = Japan Fund for Poverty Reduction; KSTA = knowledge and support technical assistance; MUL = multisector; MYRM = Myanmar Resident Mission; PRCF = People's Republic of China Poverty Reduction and Regional Cooperation Fund; PRITF = Project Readiness Improvement Trust Fund; PSM = public sector management; RCIF = Regional Cooperation and Integration Fund; SEEN = Southeast Asia Energy

Division; SEER = Southeast Asia Environment, Natural Resources and Agriculture Division; SEHS = Southeast Asia Human and Social Development Division; SEOD = Office of the Director General of the Southeast Asia Department; SEPF = Southeast Asia Public Management, Financial Sector, and Trade Division; SERC = Southeast Asia Regional Cooperation and Operations Coordination Division; SETC = Southeast Asia Transport and Communications Division; TASF = Technical Assistance Special Fund; TRA = transport; TRTA = transaction technical assistance; UCCRTF = Urban Climate Change Resilience Trust Fund; VRM = Viet Nam Resident Mission; WUS = water and other urban infrastructure and services.

<sup>a</sup> Regional technical assistance covers multiple countries and only a portion of the total amount is allocated to Myanmar.

Source: ADB estimates.

## INDICATIVE KNOWLEDGE PUBLICATIONS AND EVENTS

Table A4.1: Knowledge Publications and Events for 2019

Title of Publication or Event	Subject	Type	Department or Sector Group or Thematic Group	TA
Myanmar Agriculture and Natural Resources Sector Assessment, Strategy, and Road Map	ANR	Publication and Documentation	SERD	Non-TA
Traceability and Food Safety (Southeast Asia)	ANR	Publication and Documentation	SERD	Non-TA
Networked Safe Food Exchanges: Potential Gains from Out-of-Season Supplies (Southeast Asia)	ANR	Publication and Documentation	SERD	Non-TA
Understanding Special Economic Zones: What Agriculture Needs from its Borders (Southeast Asia)	ANR	Publication and Documentation	SERD	Non-TA
Climate Change Litigation Bench Book (all developing members)	Climate Change	Publication and Documentation	OGC	9279
Asian Development Outlook 2019: Myanmar	Economics	Publication and Documentation	SERD	Non-TA
Asian Development Outlook 2019: Myanmar Launch	Economics	Event	SERD	Non-TA
Asian Development Outlook 2019: Myanmar Supplement	Economics	Publication and Documentation	SERD	Non-TA
Asian Development Outlook 2019: Myanmar Update	Economics	Publication and Documentation	SERD	Non-TA
Asian Development Bank and Myanmar: Fact Sheet 2018	Economics	Publication and Documentation	SERD	Non-TA
Myanmar Country Performance Assessment	Economics	Publication and Documentation	SERD	Non-TA
Myanmar: Training on Statistical Business Registers (modules 1–4)	Economics	Training	ERCD	8377
Myanmar: Replicated Training on National Accounts Compilation 1–5	Economics	Training	ERCD	8377
Myanmar Post-Primary Education	Education	Publication and Documentation	SERD	Non-TA
Myanmar Energy Sector Assessment, Strategy, and Road Map	Energy	Publication and Documentation	SERD	Non-TA
Electrification: Mini and Micro-Grid Development (Southeast Asia)	Energy	Publication and Documentation	SERD	Non-TA
Legal and Regulatory Aspects of Greater Mekong Subregion Energy Trade: Lessons for Southeast Asia	Energy	Publication and Documentation	OGC	8801
Myanmar: Country Diagnostics for Environment and Climate Change	Environment	Publication and Documentation	SERD	Non-TA
Report of the State of Environmental Law Teaching in Asia (Southeast Asia)	Environment	Publication and Documentation	OGC	9491
Universal Health Coverage for Migrant and Mobile Populations in the Greater Mekong Subregion	Health	Publication and Documentation	SERD	Non-TA

Title of Publication or Event	Subject	Type	Department or Sector Group or Thematic Group	TA
Regional Cooperation and Integration Country Assessment: Myanmar	RCI	Publication and Documentation	SERD	Non-TA
South Asia Subregional Economic Cooperation Vision Myanmar Chapter	RCI	Publication and Documentation	SARD	Non-TA
Myanmar Transport Sector Assessment, Strategy, and Road Map	Transport	Publication and Documentation	SERD	Non-TA
Myanmar Urban Sector Assessment, Strategy, and Road Map	Urban Development	Publication and Documentation	SERD	Non-TA
<b>Total number of publications = 21</b>				
<b>Total number of events = 3</b>				

ANR = agriculture, natural resources, and rural development; ERCD = Economic Research and Regional Cooperation Department; GMS = Greater Mekong Subregion; OGC = Office of the General Counsel; RCI = regional cooperation and integration; SARD = South Asia Department; SERD = Southeast Asia Department; TA = technical assistance.

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

Source: Asian Development Bank Knowledge Nexus.

**Table A4.2: Additional Knowledge Publications and Events Delivered in 2018**

<b>Title of Publication or Event</b>	<b>Subject</b>	<b>Type</b>	<b>Department or Sector Group or Thematic Group</b>	<b>TA</b>
Myanmar Agriculture Development Strategy and Investment Plan (2018–2023)	ANR	Publication and Documentation	SERD	Non-TA
Agriculture Market Efforts in Southeast Asia: Case of Myanmar and Thailand	ANR	Event	SDCC	Non-TA
Asian Development Outlook 2018: Myanmar	Economics	Publication and Documentation	SERD	Non-TA
Asian Development Outlook 2018: Myanmar Launch	Economics	Event	SERD	Non-TA
Asian Development Outlook 2018 Supplement: Myanmar	Economics	Publication and Documentation	SERD	Non-TA
Asian Development Outlook 2018 Update: Myanmar	Economics	Publication and Documentation	SERD	Non-TA
ADB and Myanmar: Fact Sheet 2017	Economics	Publication and Documentation	SERD	Non-TA
ASEAN+3 Bond Market Guide 2018: Myanmar	Economics	Publication and Documentation	ERCD	Non-TA
Myanmar's intermediate replicated training	Economics	Training	ERCD	8377
Myanmar's second training of trainers	Economics	Training	ERCD	8377
Myanmar's statistical business register training	Economics	Training	ERCD	8377
Myanmar's 22nd–24th replicated statistical training	Economics	Training	ERCD	8377
Safeguarding Myanmar's Environment	Environment	Publication and Documentation	SERD	Non-TA
The 6th ASEAN+ 3 Village Leaders Exchange Program	GPSM	Event	EARD	Non-TA
Towards Malaria Elimination: ADB-Supported Work in Myanmar	Health	Event	SDCC	Non-TA
Special Economic Zones as Catalysts for Economic Corridors, Value Chains and Production Network (Southeast Asia and People's Republic of China)	Industry and Trade	Event	EARD	Non-TA
Meeting of the SASEC Nodal Officials and Working Groups for Transport and Trade Facilitation	Industry and Trade	Event	SARD	Non-TA
Myanmar: SASEC Vision Document National Consultation Workshop	RCI	Event	SARD	Non-TA
<b>Total number of publications =7</b>				
<b>Total number of events = 11</b>				

ADB = Asian Development Bank; ANR = agriculture, natural resources, and rural development; ASEAN+3 = Association of Southeast Asian Nations, Japan, the People's Republic of China, and the Republic of Korea; EARD = East Asia Department; ERCD = Economic Research and Regional Cooperation Department; GPSM = governance and public sector management; SARD = South Asia Department; SASEC = South Asia Subregional Economic Cooperation; SDCC = Sustainable Development and Climate Change Department; SERD = Southeast Asia Department; RCI = regional cooperation and integration; 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: ADB Knowledge Nexus.

**Table A4.3: Innovation, Advanced Technology, and Pilot Initiatives to be Implemented in 2019**

Item	Nature	Project Number	Sector or Theme	Division
Strengthen the climate and disaster resilience of communities	PLT		ANR	SDCD
Introduce new water management systems in the central dry zone	TCH, PLT	47152	ANR	SEER
Revitalize agriculture and promote agricultural value chains in the central dry zone	INO	47152	ANR	SEER
Develop a new secondary education curriculum	INO, PLT	48431	EDU	MYRM
Introduce new technical and vocational education training programs and expand access	INO, PLT	48431	EDU	MYRM
Improve laboratory services and hospital infection prevention and control	TCH	48118-002	HLT	SEHS
Implement an integrated context-sensitive approach to project implementation in Myanmar	INO	9074	PSM	MYRM
Develop an integrated capacity development approach for all Myanmar programs	INO	9074	PSM	MYRM
Introduce a regional cooperation and integration approach for Myanmar programs	INO		PSM	MYRM
Develop innovative support mechanisms for small and medium-sized enterprise development under the Mekong Business Initiative	INO, PLT	8785	PSM	MYRM
Develop financial technology under the Mekong Business Initiative	INO, PLT	8785	PSM	MYRM
Improve the skills and management capacity of micro and small enterprises and their employees	PLT	48332-001	Private Sector	MYRM
Develop a pilot rural roads initiative	PLT		TRA	SETC
Integrate transport sector reform and modernization with related investments	INO		TRA	SETC
Improve water supply systems, wastewater, and drainage management	TCH	47127-002	WUS	SEUW
<b>Total number of innovation, advanced technology, and pilot initiatives = 15</b>				

ANR = agriculture, natural resources, and rural development; EDU = education; HLT = health; INO = innovation; MYRM = Myanmar Resident Mission; PLT = pilot initiative; PSM = public sector management; SDCD = Office of the Director General of the Sustainable Development and Climate Change Department; SEER = Southeast Asia Environment, Natural Resources and Agriculture Division; SEHS = Southeast Asia Human and Social Development Division; SETC = Southeast Asia Transport and Communications Division; SEUW = Southeast Asia Urban Development and Water Division; TCH = advanced technology; TRA = transport; WUS = water and other urban infrastructure services.

Source: Asian Development Bank.