



IN.456-19  
11 December 2019

## Country Operations Business Plan: Lao People's Democratic Republic, 2020–2022

Attached for information is a paper on the above subject.

For Inquiries: Rattanatay Luanglatbandith, Lao PDR Resident Mission  
(Ext. 85544705)  
Soulinthone Leuangkhamsing, Lao PDR Resident Mission  
(Ext. 85544707)



# Country Operations Business Plan

---

December 2019

## Lao People's Democratic Republic 2020–2022

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

Asian Development Bank

## CURRENCY EQUIVALENTS

as of 31 October 2019

Currency unit	–	kip (KN)
KN1.00	=	\$0.00011
\$1.00	=	KN8,827

## ABBREVIATIONS

ADB	–	Asian Development Bank
COBP	–	country operations business plan
COL	–	concessional OCR lending
Lao PDR	–	Lao People's Democratic Republic
OCR	–	ordinary capital resources

## NOTE

In this report, "\$" refers to United States dollars

<b>Vice-President</b>	Ahmed M. Saeed, Operations 2
<b>Director General</b>	Ramesh Subramanian, Southeast Asia Department (SERD)
<b>Director</b>	Yasushi Negishi, Lao PDR Resident Mission (LRM), SERD
<b>Team leader</b>	Rattanatay Luanglatbandith, Public Sector Specialist, LRM, SERD
<b>Team member</b>	Januar Hakim, Principal Portfolio Management Specialist, LRM, SERD
	Soulinthone Leuangkhamsing, Senior Economics Officer, LRM, SERD

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

## **CONTENTS**

	<b>Page</b>
I. CONSISTENCY OF BUSINESS PLAN WITH COUNTRY PARTNERSHIP STRATEGY	1
II. INDICATIVE RESOURCE PARAMETERS	1
III. SUMMARY OF CHANGES TO LENDING AND NONLENDING PROGRAMS	2

## **APPENDIXES**

1. Country Assistance Results Areas	3
2. List of Linked Documents	5
3. Indicative Assistance Pipeline	6
4. Assistance Program for Current Year	10
5. Indicative Knowledge Products and Events	13

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

1. The country operations business plan (COBP), 2020–2022 of the Asian Development Bank (ADB) for the Lao People’s Democratic Republic (Lao PDR) is consistent with ADB’s country partnership strategy (CPS) 2017–2020 for the Lao PDR.<sup>1</sup> The 2020–2022 lending program extends beyond the current country partnership strategy but continues the focus on three strategic priorities: (i) infrastructure and private sector development to support employment and income generation, (ii) enhanced human resource development, and (iii) sustainable natural resource management and climate resilience. Gender equity and governance are crosscutting themes. The COBP will also focus on inclusive and sustainable development in line with the operational priorities of ADB’s Strategy 2030: (i) making cities more livable by easing infrastructure constraints and providing urban services; (ii) improving human capital to reduce inequality in access to opportunities, and facilitating the creation of quality jobs; (iii) enhancing rural development and food security; and (iv) providing climate- and disaster-resilient infrastructure and services. Targeted investments across projects will mainstream activities to support gender equality, good governance, innovative knowledge solutions, and policy and institutional reforms. The projects will also contribute to the attainment of several Sustainable Development Goals in the Lao PDR.

2. The COBP, 2020–2022 also supports implementation of the government’s 8th National Socio-Economic Development Plan (2016–2020);<sup>2</sup> the Ha Noi Action Plan, 2018–2022; and the Regional Investment Framework 2022 for the Greater Mekong Subregion (GMS).<sup>3</sup>

## II. INDICATIVE RESOURCE PARAMETERS

3. The Lao PDR, a group A developing member country, is eligible for ADB concessional resources.<sup>4</sup> The indicative resources available for commitment for 2020–2022 total \$322.6 million,<sup>5</sup> including \$45.0 million from the disaster risk reduction resources, comprising \$30.0 million in concessional ordinary capital resources lending (COL), and \$15.0 million in Asian Development Fund grant resources. Cofinancing and funding from other sources, including the regional pool under concessional resources, will be explored.

4. The International Monetary Fund’s Debt Sustainability Analysis (DSA) 2019 classified Lao PDR’s public and external debt positions at the same category as in its 2018 report: *high* risk of debt distress.<sup>6</sup> However, the 2019 analysis notes that large electricity export revenues under long-term power purchasing agreements with neighboring countries and expanding electricity export markets will help mitigate risks, and keep debt sustainability outlook sustainable.

5. Lending operations cover the following: water supply and urban services (28.1%); agriculture, natural resources and rural development (26.8%); health (13.7%); public sector management (12.1%); transport (10.7%); and energy (8.6%). Lending operations also contribute

---

<sup>1</sup> ADB. 2017. *Country Partnership Strategy: Lao People’s Democratic Republic, 2017–2020—More Inclusive and nomic Growth*. Manila.

<sup>2</sup> Government of the Lao PDR, Ministry of Planning and Investment. 2016. *8th Five-Year National Socio-Economic Development Plan (2016-2020)*. Vientiane

<sup>3</sup> ADB. 2018. *The Ha Noi Action Plan 2018–2022*. Manila; ADB. 2018. *Overview of the Regional Investment Framework 2022*. Manila.

<sup>4</sup> Lao PDR is no longer eligible for grants since its per capita gross national income (using the Atlas method) at \$2,460 has exceeded the International Development Association eligibility cutoff of \$1,145 in 2018.

<sup>5</sup> There was a frontloading of \$20.85 million of annual indicative performance-based allocation to 2019.

<sup>6</sup> International Monetary Fund. August 2019. *2019 Article IV Consultation- Press Release; Staff Report; and Statement by The Executive Director for Lao PDR*. Washington, D.C.

to strengthening governance and institutional capacity. Appendix 1 lists the areas of assistance and the resource allocation for each sector. Although excluded in Appendix 1, support to the education sector will be through a technical and vocational education and training project on standby in 2022. The nonlending program for 2020–2022 will support project preparation and implementation, capacity development, and knowledge work. As agreed with the government, areas of assistance for the water and other urban infrastructure services sector have been added, to follow a sector or thematic instead of a project-based approach through multitranche financing facilities.

6. Total cost of the lending pipeline is \$427.6 million for firm projects, while the total cost of the regional nonlending pipeline in which the Lao PDR will participate is \$46.5 million<sup>7</sup>. Appendix 3 lists the lending and nonlending program for 2020–2022 and Appendix 4 outlines the lending and nonlending programs for 2019. Project readiness remains an important criterion in selecting projects and programs for earlier processing, regardless of their status as firm or standby. ADB will closely collaborate with local knowledge institutions—including think tanks, universities and research institutes—to disseminate knowledge and provide the key knowledge products for 2020 (Appendix 5).

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

7. **Changes in 2020.** ADB advanced the Quality Health Care Project with a reduced amount (from \$40.0 million to \$35.0 million), and included the Water Supply and Sanitation Project with an allocated amount of \$31.3 million, as requested by the government. ADB renamed the GMS Cross-Border Power Trade and Distribution project as the Rural Power Distribution and Efficiency Improvement Project, with a reduced amount (from \$80.0 million to \$32.0 million),<sup>8</sup> and changed the title and modality of the GMS Flood and Drought Risk Management and Mitigation Project (Additional Financing) to the Water Management Project, with planned approval in 2021.

8. **Changes in 2021.** ADB included the Water Management Project as firm in 2021, and the GMS Cross-Border Livestock Health and Value Chains Improvement Project as standby for 2021. ADB also renamed the GMS Universal Health Care Project to the GMS Healthy Border in Special Economic Zones Project, and the Luang Prabang Integrated Sanitation Project to the Livable Cities Investment Program- Tranche 1.

---

<sup>7</sup> All the technical assistance (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>8</sup> In some cases, security over state owned enterprises' assets in the power sector may trigger ADB's negative pledge provision. Staff are working closely with the authorities to identify the assets that have been pledged and will discuss remedial measures for them.

## COUNTRY ASSISTANCE RESULTS AREAS

Key Country Development Outcomes that ADB Contributes to	ADB		
	Key Areas of Assistance	Indicative Resources <sup>a</sup> Available for Commitment in 2020–2022	Changes from Last COBP
<b>1. Energy</b>			
Improved rural electrification, energy efficiency and regional distribution infrastructure	Electricity efficiency and distribution	Amount: \$32.0 million (ADF grants and COL)  Share of COBP envelope: 8.6%	“Cross-border power trade” was removed because of project non-readiness and possible spin-off of transmission line operations from the Electricite du Laos.
<b>2. Transport</b>			
Expanded road transport (nonurban)	Road transport, nonurban (regional integration and connectivity improvement)  Regional road upgrading	Amount: \$40.0 million (ADF grants and COL)  Share of COBP envelope: 10.7%	None.
<b>3. Water and Other Urban Infrastructure and Services</b>			
Improved water management practices and solid waste management	Urban policy, institutional and capacity development  Urban water supply (priority infrastructure and improved access)  Urban sanitation (priority infrastructure and improved access)  Smart waste management (priority facilities and capacity development). Collection, segregation, transportation and disposal of waste	Amount: \$104.6 million (ADF grants and COL)  Share of COBP envelope: 28.1%	This sector was added to this COBP because of the need to secure ADB's strongest value addition through long-term association and a sector or thematic approach.
<b>4. Agriculture, Natural Resources, and Rural Development</b>			
Improve productive rural infrastructure and value chain linkages	Rural market infrastructure  Flood and drought management  Water-based natural resources management: watersheds	Amount: \$100.0 million (ADF grants and COL)  Share of COBP envelope: 26.8%	Development outcome revised.

Key Country Development Outcomes that ADB Contributes to	ADB		
	Key Areas of Assistance	Indicative Resources <sup>a</sup> Available for Commitment in 2020–2022	Changes from Last COBP
	Livestock value chains  Agriculture policy, and institutional and capacity development		
<b>5. Health</b>			
Established universal health care and financing and governance reform	Health system development to improve primary health care  Health sector development and reform  Health care finance	Amount: \$51.0 million (COL)  Share of COBP envelope: 13.7%	Health insurance and subsidized health program were dropped as a key area of assistance.
<b>6. Public Sector Management</b>			
Strengthened public expenditure and fiscal management	Public expenditure and fiscal management, including public debt management	Amount: \$45.0 million (COL)  Share of COBP envelope: 12.1%	None.

ADB = Asian Development Bank, ADF = Asian Development Fund, COBP = country operations business plan, COL = concessional OCR lending, CPS = country partnership strategy, OCR = ordinary capital resources.

<sup>a</sup> The term “resources” covers concessional OCR lending, regular OCR lending, and ADF grants.

Source: Asian Development Bank estimates.



**LIST OF LINKED DOCUMENTS**

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

1. Portfolio at a Glance: Lao People's Democratic Republic
2. Macroeconomic Developments of the Lao People's Democratic Republic

**INDICATIVE ASSISTANCE PIPELINE**  
**Table A3.1: Lending Products, 2020–2022**

Project/Program Name <sup>a</sup>	Sector	Poverty Targeting	Operational Priority	Division	Year of TRTA/ PRF	Cost (\$ million)						
						Total	Regular OCR	ADB		Gov't	Co-finance	
								COL	ADF Grants			Total
<b>2020 Firm</b>												
Quality Health Care Project	HLT	GI	OP1/OP2/ OP6	SEHS	2019	37.0	0.0	35.0	0.0	35.0	2.0	0.0
Rural Power Distribution and Efficiency Project	ENE	GI	OP1/OP2/ OP5	SEEN	2017	34.0	0.0	30.0	2.0	32.0	2.0	0.0
Water Supply and Sanitation Project (Additional Financing)	WUS	GI	OP1/OP2/ OP4	SEUW	2018	49.3	0.0	28.3	3.0	31.3	3.0	15.0 <sup>b</sup>
<b>Total</b>						<b>120.3</b>	<b>0.0</b>	<b>93.3</b>	<b>5.0</b>	<b>98.3</b>	<b>7.0</b>	<b>15.0</b>
<b>2021 Firm</b>												
Water Management Project	ANR	GI	OP1/OP2/ OP3/ OP5	SEER	2018	42.0	0.0	35.0	5.0	40.0	2.0	0.0
Livable Cities Investment Program (MFF) – Tranche 1	WUS	GI	OP1/OP2/ OP4	SEUW	2018	59.0	0.0	40.0	0.0	40.0	3.0	15.0 <sup>b</sup>
Second Northern GMS Transport Network Improvement Project Phase 2	TRA	GI	OP1/OP5/ OP7	SETC	2018	43.0	0.0	35.0	5.0	40.0	3.0	0.0
Healthy Border in Special Economic Zones Project	HLT	GI	OP1/OP2/ OP7	SEHS	2020	17.0	0.0	16.0	0.0	16.0	1.0	0.0
<b>Total</b>						<b>160.0</b>	<b>0.0</b>	<b>126.0</b>	<b>10.0</b>	<b>136.0</b>	<b>9.0</b>	<b>15.0</b>
<b>2021 Standby</b>												
GMS Cross-Border Livestock Health and Value Chains Improvement Project	ANR	GI	OP1/OP2/ OP5/ OP7	SEER	2019	65.0	0.0	60.0	0.0	60.0	5.0	0.0
<b>Total</b>						<b>65.0</b>	<b>0.0</b>	<b>60.0</b>	<b>0.0</b>	<b>60.0</b>	<b>5.0</b>	<b>0.0</b>
<b>2022 Firm</b>												
GMS Cross-Border Livestock Health and Value Chains Improvement Project	ANR	GI	OP1/OP2/ OP5/ OP7	SEER	2019	65.0	0.0	60.0	0.0	60.0	5.0	0.0

Project/Program Name <sup>a</sup>	Sector	Poverty Targeting	Operational Priority	Division	Year of TRTA/ PRF	Cost (\$ million)						
						ADB						Co-finance
						Total	Regular OCR	COL	ADF Grants	Total	Gov't	
Strengthening Management of Public Finance Program Subprogram 2 (PBL)	PSM	GI	OP2/OP6	SEPF	2019	47.0	0.0	45.0	0.0	45.0	2.0	0.0
Livable Cities Investment Program (MFF) – Tranche 2	WUS	GI	OP1/OP2/OP6	SEUW	2018	35.3	0.0	33.3	0.0	33.3	2.0	0.0
<b>Total</b>						<b>147.3</b>	<b>0.0</b>	<b>138.3</b>	<b>0.0</b>	<b>138.3</b>	<b>9.0</b>	<b>0.0</b>
<b>2022 Standby</b>												
GMS EWEC Agriculture Infrastructure Sector Project (Additional Financing)	ANR	GI	OP1/OP2/OP3/OP5	SEER	2019	37.0	0.0	30.0	5.0	35.0	2.0	0.0
Second Technical and Vocational Education and Training Project	EDU	GI	OP1/OP2/OP6	SEHS	2021	32.0	0.0	30.0	0.0	30.0	2.0	0.0
<b>Total</b>						<b>69.0</b>	<b>0.0</b>	<b>60.0</b>	<b>5.0</b>	<b>65.0</b>	<b>4.0</b>	<b>0.0</b>

ADB = Asian Development Bank; ADF = Asian Development Fund; ANR = agriculture, natural resources, and rural development; COL = concessional OCR lending; EDU = education; ENE = energy; EWEC = east–west economic corridors; GI = general intervention; GMS = Greater Mekong Subregion; Gov't = government; HLT = health; MFF = multitranchise financing facility; OCR = ordinary capital resources; OP1 = addressing remaining poverty and reducing inequalities; OP2 = accelerating progress in gender equality; OP3 = tackling climate change, building climate and disaster resilience, and enhancing environmental sustainability; OP4 = making cities more livable; OP5 = promoting rural development and food security; OP6 = strengthening governance and institutional capacity; and OP7 = fostering regional cooperation and integration; PBL = policy-based lending; PRF = project readiness financing; PSM = public sector management; SEEN = Southeast Asia Department, Energy Division, SEER = Southeast Asia Department, Environment, Natural Resources and Agriculture Division; SEHS = Southeast Asia Department, Human and Social Development Division; SEPF = Southeast Asia Department, Public Management, Financial Sector, and Trade Division; SETC = Southeast Asia Department, Transport and Communication Division; SEUW = Southeast Asia Department, Urban Development and Water Division; TRA = transport; TRTA = transaction technical assistance; WUS = water supply and other urban infrastructure and services.

<sup>a</sup> Given the provisional nature of the indicative lending program, the composition of lending instruments in the actual loan delivery may change.

<sup>b</sup> Potential cofinancing from Agence Francaise de Development

Source: Asian Development Bank estimates.

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

Assistance Name <sup>a</sup>	Sector	Division	Assistance Type	Sources of Funding				
				ADB		Others		Total (\$'000)
				Source	Amount (\$'000)	Source	Amount (\$'000)	
<b>2020</b>								
Southeast Asia Agriculture, Natural Resources, and Rural Development Facility Phase 2	ANR	SEER	TRTA	TASF	2,000	TBD	2,000	4,000
Strengthening Financial Management in Southeast Asia	PSM	SEPF	KSTA	TASF	1,500		0.0	1,500
Public Sector Management in Southeast Asia	MUL	SEPF	KSTA	TASF	4,000		0.0	4,000
Support for Human and Social Development in Southeast Asia – Additional Financing	HLT	SEHS	TRTA	TASF	1,500		0.0	1,500
Sustaining the Gain in Regional Cooperation in GMS (Supplementary)	MUL	SERC	KSTA	TASF	1,500	TBD	500.0	2,000
Knowledge Development Support for Southeast Asia	PSM	SERC	KSTA	TASF	2,000		0.0	2,000
Southeast Asia Urban Services Facility (Additional Financing)	WUS	SEUW	TRTA	TASF	5,000	TBD	5,000	10,000
Strengthening Capacity on Procurement and Portfolio Management	PSM	SEOD	KSTA	TASF	500		0.0	500
<b>Total</b>					<b>18,000</b>		<b>7,500</b>	<b>25,500</b>
<b>2021</b>								
Southeast Asia Agriculture, Natural Resources, and Rural Development Facility Phase 2 (Additional Financing)	ANR	SEER	TRTA	TASF	3,000	TBD	2,000	5,000
Strengthening Safeguards Management in Southeast Asia (Additional Financing)	MUL	SEOD	KSTA	TASF	2,000		0.0	2,000
Innovative Financing for Climate Change Mitigation	MUL	SERC	KSTA	TASF	5,000		0.0	5,000
Support to Financial Sector Development in Southeast Asia (Phase 2)	FIN	SEPF	KSTA	TASF	3,000		0.0	3,000
Building Capacity for Enhance Connectivity in Southeast Asia	MUL	SERC	KSTA	TASF	2,000		0.0	2,000
Enhancing Effectiveness of Subregional Programs to Advance Regional Cooperation and Integration in Southeast Asia (Additional Financing)	MUL	SERC	KSTA	TASF	1,000	TBD	1,000	2,000
Knowledge Development Support for Southeast Asia (Phase 2)	MUL	SERC	KSTA	TASF	2,000		0.0	2,000
<b>Total</b>					<b>18,000</b>		<b>3,000</b>	<b>21,000</b>

ADB = Asian Development Bank; ANR = agriculture, natural resources, and rural development; FIN = finance; GMS = Greater Mekong Subregion; HLT = health; KSTA = knowledge and support technical assistance; MUL = multi sectors; PSM = public sector management; SEER = Southeast Asia Department, Environment, Natural Resources and Agriculture Division; SEHS = Southeast Asia Department, Human and Social Development Division; SEPF = Southeast Asia Department, Public Management, Financial Sector, and Trade Division; SEOD = Southeast Asia Department, Office of Director General; SERC = Southeast Asia Department, Regional Cooperation and Operations Coordination Division; SEUW = Southeast Asia Department, Urban Development and Water Division; TASF = Technical Assistance Special Fund; TBD (to be determined); TRTA = transaction technical assistance; WUS = water and other urban infrastructure and services.

<sup>a</sup> The regional nonlending products and services include the Lao PDR as well as other developing member countries in the Southeast Asia region.

Source: Asian Development Bank estimates.

**ASSISTANCE PROGRAM FOR CURRENT YEAR**  
**Table A4.1: Lending Products, 2019**

Project/Program Name <sup>a</sup>	Sector	Poverty Targeting	Priority Area	Division	Year of TRTA/ PRF	Cost (\$ million)						
						Total	ADB			Gov't	Co-finance	
							Regular OCR	COL	ADF Grants			
<b>Firm</b>												
Strengthening Public Finance Management Subprogram 1 (PBL)	PSM	GI	OP2/OP6	SEPF		47.0	0.0	45.0	0.0	45.0	2.0	0.0
Sustainable Rural Infrastructure and Watershed Management Project	ANR	GI	OP1/OP5/OP3	SEER	2017	51.5	0.0	40.0	5.0	45.0	2.0	4.5 <sup>b</sup>
Education for Employment Sector Development Program	EDU	GI	OP1/OP2/OP6	SEHS	2018	53.0	0.0	50.0	0.0	50.0	3.0	0.0
<b>Total</b>						<b>151.5</b>	<b>0.0</b>	<b>135.0</b>	<b>5.0</b>	<b>140.0</b>	<b>7.0</b>	<b>4.5</b>

ADB = Asian Development Bank; ADF = Asian Development Fund; ANR = agriculture, natural resources, and rural development; COL = concessional OCR lending; EDU = education, GI = general intervention; Gov't = government, OCR = ordinary capital resources; OP1 = addressing remaining poverty and reducing inequalities; OP2 = accelerating progress in gender equality; OP3 = tackling climate change, building climate and disaster resilience, and enhancing environmental sustainability; OP5 = promoting rural development and food security; and OP6 = strengthening governance and institutional capacity; PBL = policy-based lending; PSM = public sector management; SDP = sector development program; SEER = Southeast Asia Department, Environment, Natural Resources and Agriculture Division; SEHS = Southeast Asia Department, Human and Social Development Division; SEPF = Southeast Asia Department, Public Management, Financial Sector, and Trade Division; TRTA = transaction technical assistance.

<sup>a</sup> Given the provisional nature of the indicative lending program, the composition of lending instruments in the actual loan delivery may change.

<sup>b</sup> Cofinancing from the European Union

Source: Asian Development Bank estimates.

Table A4.2: Nonlending Products and Services, 2019

Assistance Name <sup>a</sup>	Sector	Division	Assistance Type	Sources of Funding				Total (\$'000)
				ADB		Others		
				Source	Amount (\$'000)	Source	Amount (\$'000)	
Southeast Asia Energy Sector Development: Investment Planning and Capacity Building Facility (Supplementary)	ENE	SEEN	KSTA	TASF	1,700		0	1,700
Southeast Asia Agriculture, Natural Resources, and Rural Development Facilities (Additional Financing)	ANR	SEER	TRTA	TASF	2,400	WFPF	950.0	3,350
Southeast Asia Urban Services Facility (Additional Financing)	WUS	SEUW	TRTA	TASF	0	UCCRTF, AASCTF	11,200	11,200
Support for Human and Social Development in Southeast Asia	EDU	SEHS	TRTA	TASF	3,000		0	3,000
Enhancing Gender Equality Results in Southeast Asian Developing Member Countries	MUL	SEOD	KSTA	TASF	1,500		0	1,500
Southeast Asia Public Management Financial Sector, and Trade Policy Facility	PSM	SEPF	KSTA	TASF	3,000		0	3,000
Preparing Transport Sector Projects in Southeast Asia Phase 2	TRA	SETC	TRTA	TASF	3,000		0	3,000
GMS Sustainable Agriculture and Food Security Program	ANR	SEER	KSTA	TASF	1,500		0	1,500
GMS Climate Change and Environmental Sustainability Program	MUL	SEER	KSTA	TASF	1,500		0	1,500
Knowledge Development Support for Southeast Asia (Supplementary)	MUL	SERC	KSTA	TASF	1,500		0	1,500
Green and Innovative Finance Initiative for Scaling Up Southeast Asian Infrastructure (Supplementary)	MUL	SEOD	KSTA	TASF	1,300		500	1,800
Promoting an Inter-Connected Inclusive and Resilient ASEAN Capital Market	FIN	SEPF	KSTA		0	TBD	1,500	1,500
Connecting the Railways of the Greater Mekong Subregion Phase 2	TRA	SETC	KSTA		0	TBD	500	500
Enhancing Effectiveness of Subregional Program to Advance Regional Cooperation and Integration in Southeast Asia (Additional Financing)	RCI	SETC	KSTA		0	TBD	2,000	2,000
Support for 'Early Harvest' Implementation of the Cross-border Transport and Trade Facilitation in the Greater Mekong Subregion	IND	SEPF	KSTA		0	TBD	2,000	2,000
<b>Total</b>					<b>20,400</b>		<b>18,650</b>	<b>39,050</b>

ADB = Asian Development Bank; ANR = agriculture, natural resources, and rural development; AASCTF = ASEAN Australia Smart Cities Trust Fund; ASEAN = Association of Southeast Asia Nations; EDU = education; ENE = energy; FIN = finance, GMS = Greater Mekong Subregion; HLT = health; IND = industry and trade; KSTA = knowledge and support technical assistance; Lao PDR = Lao People's Democratic Republic; MUL = multi sectors; PSM = public sector management; RCI = regional cooperation and integration; SEER = Southeast Asia Department, Environment, Natural Resources and Agriculture Division; SEHS = Southeast Asia Department, Human and Social Development Division; SEOD = Southeast Asia Department, Office of the Director General; SEPF = Southeast Asia Department, Public Management, Financial Sector, and Trade Division; SERC = Southeast Asia Department, Regional Cooperation and Operations Coordination Division; SETC = Southeast Asia Department, Transport and Communication Division; SEUW = Southeast Asia Department, Urban Development and Water Division; TASF = Technical Assistance Special Fund; TBD = to be determined, TRA = transport; TRTA = transaction technical assistance; WFPF = Water Financing Partnership Facility; UCCRTF = Urban Climate Change Resilience Trust Fund; WUS = water and other urban infrastructure and services.

<sup>a</sup> The regional nonlending products and services include the Lao PDR as well as other developing member countries in the Southeast Asia region.

Source: Asian Development Bank estimates.



**INDICATIVE KNOWLEDGE PRODUCTS AND EVENTS**  
**Table A5.1: Knowledge Products and Events for 2020**

<b>Title of Publication or Event</b>	<b>Subject</b>	<b>Type</b>	<b>Department or Sector Group or Thematic Group</b>	<b>Funding Source</b>
Asian Development Outlook 2020 and its Update	Capacity Development Economics Governance and Public Sector Management	Flagship study	ERCD	TA TBD: Admin Budget
Asia Bond Monitor 2020 (Mar, Jun, Sep, Dec issues)	Capacity Development Finance, Industry and Trade Regional Cooperation and Integration	Technical study	ERCD	TA 9404: Admin Budget
Lao PDR thematic study on agriculture and tourism sectors	Economics Agriculture and Natural Resources	Technical study	ERCD	TA 9325: Admin Budget
Asia Small and Medium Enterprise Monitor, 2020	Economics Finance Regional Cooperation and Integration	Technical study	ERCD	TA TBD
Steering Committee for Capacity Building Initiatives to Support the ASEAN Financial Integration Meeting, 1H and 2H 2020	Finance	Policy advice and dialogues	ERCD	TA 9447
APEC-FRTI Advisory Group Meeting, 2020	Finance Regional Cooperation and Integration	Policy advice and dialogues	ERCD	TA 9501
ASEAN+3 Bond Market Forum Meeting, Q1, Q3 and Q4 2020	Capacity Development	Knowledge sharing tool, database, or system creation	ERCD	TA 9303
Cross-Border settlement infrastructure meeting, Q1, Q3 and Q4 2020	Capacity Development	Knowledge sharing tool, database, or system creation	ERCD	TA 9197
2020 ICP Regional Technical Evaluation and Review Workshop	Capacity Development	Capacity development event for DMCs	ERCD	For approval
National workshop on unpaid care work	Gender	Event - Workshop	SDCC, Gender Equity Thematic Group	TA 9660
Report on provincial facilitation of investment and trade	Governance	Report	Governance Thematic Group	TA 9387

Report on provincial best practices in private sector development and economic governance	Governance	Report	Governance Thematic Group	TA 9387
Series of diagnostic workshops with local workshops on provincial facilitation of investment and trade	Governance	Learning event	Governance Thematic Group	TA 9387
Survey on profit gender policy review	Governance	Technical study	Governance Thematic Group	TA 9387
Inputs for Asian Development Outlook 2020 Report	Economics	Report	LRM	
Inputs for Asian Development Outlook Update 2020 Report	Economics	Report	LRM	
<b>Total number of publications = 11</b>				
<b>Total number of events = 5</b>				

APEC-FRTI = Asia Pacific Economic Cooperation - Financial Regulators Training Initiative; ASEAN = Association of South East Asia Nations; ASEAN +3 = Association of South East Asia Nations + Japan, People's Republic of China and Republic of Korea; DMC = developing member country; DRMTRF = domestic resource mobilization trust fund; ERCD = Economic, Research and Regional Cooperation Department; ICP = international comparison program; Lao PDR = Lao People's Democratic Republic; LRM = Lao PDR Resident Mission; Q = quarter; SDCC = Sustainable Development and Climate Change Department; TBD = to be determined; TA = technical assistance.

Source: Asian Development Bank estimates.

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

Title of Publication or Event	Subject	Type	Department or Sector Group or Thematic Group	Funding Source
Social Protection Indicator for Asia: Update	Social Development and Social Protection	Technical Study	SDCC and/or STG	TA 9341
Electrification: Mini and micro-grid development	Energy	Technical Study	SERD	
Lao PDR energy sector assessment, strategy, and road map	Energy	Report	SERD	
14th Asia Clean Energy Forum	Energy	Flagship Event	Energy Sector Group	CEFPF; TA 9690 (REG)
Handbook on waste-to-energy	Energy	Technical Study	Energy Sector Group	
Handbook on microgrids	Energy	Technical Study	Energy Sector Group	TA 9690 (REG)
Report on unpaid care work	Gender	Technical Study	SERD	
Fighting tax crime in Asia: strategic workshop for heads of tax audit and investigation	Governance	Learning Event	Governance Thematic Group	DRMTF
A comparative analysis of tax administration in Asia and the Pacific	Governance	Technical Study	Governance Thematic Group	DRMTF
Knowledge product on unpaid care work	Gender	Publication - Report	SDCC, Gender Equity Thematic Group	TA 9660 (REG)

Title of Publication or Event	Subject	Type	Department or Sector Group or Thematic Group	Funding Source
National workshop on unpaid care work	Gender	Event - Workshop	SDCC, Gender Equity Thematic Group	TA 9660 (REG)
Report on provincial facilitation of investment and trade	Governance	Report	Governance Thematic Group	TA 9387
Report on provincial best practices in private sector development and economic governance	Governance	Report	Governance Thematic Group	TA 9387
Series of diagnostic workshops with local workshops on provincial facilitation of investment and trade	Governance	Learning event	Governance Thematic Group	TA 9387
Survey on profit gender policy review	Governance	Technical study	Governance Thematic Group	TA 9387
Tax and digitalization workshop	Governance	Learning event	Governance Thematic Group	DRMTF
Managing and improving tax compliance workshop	Governance	Learning event	Governance Thematic Group	DRMTF
Tax policy workshop on domestic resource mobilization	Governance	Learning event	Governance Thematic Group	TA 9235
Workshop on property tax policy and administration	Governance	Learning event	Governance Thematic Group	DRMTF
Southeast Asia government at a glance	Governance	Technical study	Governance Thematic Group	TA 9061
Input for Asian Development Outlook	Economics	Publication	LRM	
Input for Asian Development Outlook	Economics	Event-Workshop	LRM	
Input for Asian Development Outlook Supplement	Economics	Publication	LRM	
Inputs for Technical Study: Women's unpaid work in Lao PDR: Case study on Luang Namtha, Vientiane and Champasack Provinces	Gender	Publication	LRM	
Press tour to visit ADB-financed education projects	Public Relation	Event	LRM	
Video-women and water supply	Gender	Publication	LRM	
	Energy and/or Transport	Publication	SDCC	
Electric mobility policy and strategy for Vientiane				
Methodology for accessing procurement system	Governance	Event	PFP2	

**Total number of publications = 16**

**Total number of events = 11**

ADB = Asian Development Bank; CEFPF = clean energy financing partnership facilities; DRMTF = domestic resource mobilization trust fund; ERCD = Economic, Research and Regional Cooperation Department; Lao PDR = Lao People's Democratic Republic; LRM = Lao PDR Resident Mission; PFP2 = procurement division 2; REG = regional cooperation and integration; SDCC = Sustainable Development and Climate Change Department; STG = sector thematic group; SERD = Southeast Asia Department; TA = technical assistance.

Source: Asian Development Bank estimates.

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

<b>Item</b>	<b>Nature</b>	<b>Project Number</b>	<b>Sector or Theme</b>	<b>Division</b>
None				
<b>Total number of innovations, advanced technology, and pilot initiatives = 0</b>				
Source: Asian Development Bank estimates.				