



# Country Operations Business Plan

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July 2019

Sri Lanka  
2020–2022

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Asian Development Bank

## CURRENCY EQUIVALENTS

(as of 15 July 2019)

Currency unit	–	Sri Lanka rupee/s (SLRe/SLRs)
SLRe1.00	=	0.00564
\$1.00	=	SLRs177.24

## ABBREVIATIONS

ADB	–	Asian Development Bank
COBP	–	country operations business plan
CPS	–	country partnership strategy

## NOTE

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

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

1. The country operations business plan (COBP), 2020–2022 is aligned with the Sri Lanka country partnership strategy (CPS), 2018–2022.<sup>1</sup> It also fits within the rubric of Strategy 2030 of the Asian Development Bank (ADB) to support all seven operational priorities<sup>2</sup> and the Government of Sri Lanka’s broad development objectives.<sup>3</sup> About 64% of the proposed program under the COBP will contribute to the first pillar of the CPS (economic diversification), and 36% to the second pillar (inclusive growth). The COBP, 2020–2022 is the third COBP under the CPS.

2. The COBP, 2020–2022 reflects efforts to enhance ADB’s development effectiveness in Sri Lanka by (i) focusing on long-term engagement with all executing and implementing agencies to ensure ownership, (ii) ensuring project readiness, (iii) increasing focus on innovation and value addition in ADB activities, and (iv) maintaining a degree of flexibility to respond effectively to the government’s evolving needs and priorities.

## II. INDICATIVE RESOURCE PARAMETERS

3. Effective 1 January 2019, Sri Lanka was reclassified as a group C developing member country and is eligible for regular ordinary capital resources only.<sup>4</sup> The indicative resources available for commitment during 2020–2022 for sovereign operations total \$1.97 billion. The proposed cumulative lending program, comprising firm and standby projects, for the 3-year period is estimated at \$2.46 billion (Appendix 3, Table A3.1). Overprogramming of 25% (including standby) is included to allow ADB to respond to the government’s priorities and scale-up the program as envisaged in the ongoing CPS. The lending pipeline for 2019 comprises six firm projects (Appendix 4, Table A4.1). Cofinancing and funding from other sources will also be explored.

4. The sector allocations of the 2020–2022 program build on government priorities and areas of ADB’s comparative advantage. In terms of sector shares, the indicative assistance pipeline shows a continued focus on transport (39% of total lending); followed by water and other urban infrastructure and services (16%); agriculture, natural resources, and rural development (14%); energy (12%); education (8%); multisector (6%); and finance (5%). Projects include railways, roads, secondary education, power system reliability, irrigation, water supply, urban development, and rural livelihoods. Leveraging finance and knowledge, capacity development, climate, disaster resilience, and gender mainstreaming will continue to be integral elements of the program. Details on areas of assistance and the resource allocation for each sector are in Appendix 1.

5. ADB’s nonsovereign operations will explore debt and equity opportunities in infrastructure, finance, and financial markets to increase access to finance for micro, small, and medium-sized enterprises. Synergy with sovereign operations will be maintained where possible, and public–private partnerships will be supported as the opportunities arise. The Trade Finance Program, in which Sri Lanka is one of most active participants, will continue to be implemented. In addition, the Trade Finance Program will continue to increase knowledge and expertise of local banks in finance, trade, risk management, fraud prevention, and environmental safeguards.

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<sup>1</sup> ADB. 2017. *Country Partnership Strategy: Sri Lanka, 2018–2022—Transition to Upper Middle-Income Country Status*. Manila.

<sup>2</sup> ADB. 2018. *Strategy 2030: Achieving a Prosperous, Inclusive, Resilient, and Sustainable Asia and the Pacific*. Manila.

<sup>3</sup> Government of Sri Lanka. 2017. *The Changing Face of a Dynamic Modern Economy: Vision 2025*. Colombo.

<sup>4</sup> ADB. 2017. *Sri Lanka: Review of Classification under ADB’s Graduation Policy*. Manila (R67-17).

6. The nonlending program for 2020–2022 comprises \$6.0 million to support project preparation and implementation, knowledge work, and capacity development (Appendix 3, Table A3.2), and builds on the 2019 nonlending program (Appendix 4, Table A4.2). ADB will also support relevant knowledge products, solutions, and events (Appendix 5) in response to the evolving needs of the country.

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

7. To avoid excessive overprogramming, promote project readiness, improve portfolio performance, and achieve a better mix of sector interventions, the adjustments outlined in paras. 8–14 have been made to the 2019–2021 lending program. Changes to the nonlending pipeline are in response to changes in the lending pipeline to ensure adequate resources for project preparation and implementation.

8. **Transport.** Tranche 5 of the Integrated Road Investment Program is deferred to 2020 and tranche 6 is deferred to 2022. The Second Integrated Road Investment Program tranches 3 (proposed for 2020) and 4 (2021) are resized. The Kelani Valley Railway Improvement Program, Phase 1, tranche 1 is resized and is deferred to 2021 from 2020, and tranche 2 is deferred beyond 2022. A project readiness facility for the transport sector is added in 2021. The South Asia Subregional Economic Cooperation Port and Logistics Development Project and South Asia Subregional Economic Cooperation Road Connectivity Investment Program, tranche 1 are dropped.

9. **Water and urban.** The Integrated Water Supply Investment Project is deferred to 2021. The Secondary Towns Sustainable Development Project is resized and deferred to 2022. The Western Megapolis Urban Infrastructure Development Project is renamed and deferred to 2022 standby. For the latter two projects, ADB financing is reduced and cofinancing will be explored. Two proposed projects—the Greater Colombo Wastewater Management Project and Second Integrated Water Supply Project—are dropped from the program.

10. **Agriculture and natural resources.** The Integrated Water Productivity Improvement Project is deferred to 2022, and a new project readiness facility for its preparation is added in the 2020 program. Tranche 3 of the Mahaweli Water Security Investment Program is deferred to 2022 and tranche 4 is deferred beyond 2022. The technical assistance on lagoon development is dropped.

11. **Energy.** The Power System Reliability Strengthening Project is deferred to 2021 from 2020. The Distribution Automation and Metering Project is dropped from the program. The project readiness financing facility is deferred to 2021 standby.

12. **Education.** The Second Education Sector Development Program is deferred to 2020. The Innovation Capacity Development in Higher Education Sector Project and the Public–Private Partnership-Based Technology University Project are dropped from the program.

13. **Multisector.** The Northern Province Sustainable Fisheries Development Project is reclassified as a multisector project, resized, and deferred to 2020.

14. **Finance.** A new project, additional financing for the Small and Medium-Sized Enterprises Credit Line Facility, is included in 2020. The Small and Medium-Sized Enterprises Credit Guarantee Institution Project is resized and is deferred to 2020 standby.



## COUNTRY ASSISTANCE RESULTS AREAS

Key Country Development Outcomes that ADB Contributes to	ADB		
	Key Areas of Assistance	Indicative Resources Available for Commitment in 2020–2022	Changes from Last COBP
<b>1. Transport (CPS priority areas: expand provision of growth-oriented infrastructure, improve rural connectivity, and promote gender equality)</b>			
More efficient, sustainable, and integrated transport infrastructure and better connectivity	Road network development	Amount: \$933.0 million (regular OCR)	Port infrastructure development has been dropped from the key areas of assistance.
	Urban railway transport system improvement	Share of COBP envelope: 39%	
<b>2. Water and Other Urban Infrastructure and Services (CPS priority areas: expand provision of growth-oriented infrastructure, improve quality of public service delivery, and promote gender equality)</b>			
Improved urban water supply and sanitation services with greater availability and reliability	Drinking water and sanitation systems	Amount: \$400.0 million (regular OCR)	Wastewater management has been dropped from key areas of assistance.
	Water supply service improvement	Share of COBP envelope: 16%	
	Other urban services		
<b>3. Agriculture, Natural Resources, and Rural Development (CPS priority area: strengthen agriculture infrastructure and commercialization, and promote gender equality)</b>			
Secured access to water resources for agricultural and drinking purposes in project areas	Irrigation and water resources infrastructure	Amount: \$353.8 million (regular OCR)	No changes
	Improving river basin management and modernization of minor to major tanks and irrigation systems improvement	Share of COBP envelope: 14%	
<b>4. Energy (CPS priority area: expand provision of growth-oriented infrastructure)</b>			
Improved provision of electricity services through sustainable development and efficient use of energy resources	Power system reliability strengthening	Amount: \$285.0 million (regular OCR) Share of COBP envelope: 12%	Electricity transmission and distribution has been dropped from the key areas of assistance.
<b>5. Education (CPS priority areas: upgrade human capital, improve quality of public service delivery, and promote gender equality)</b>			
Improved equitable access to relevant and high-quality secondary education, skills development programs, and employment-oriented higher education	Secondary education	Amount: \$200.0 million (regular OCR)	Tertiary or higher education has been dropped from the key areas of assistance.
	Technical and vocational education and training	Share of COBP envelope: 8%	

Key Country Development Outcomes that ADB Contributes to	ADB		
	Key Areas of Assistance	Indicative Resources Available for Commitment in 2020–2022	Changes from Last COBP
<b>6. Multisector (CPS priority areas: strengthen agriculture infrastructure and commercialization, and promote gender equality)</b>			
Improved fish production and rural livelihoods	Agriculture and value chain (including fisheries) infrastructure and livelihoods	Amount: \$155.0 million (regular OCR) Share of COBP envelope: 6%	This is a new sector introduced in the current COBP cycle. Primary sector is agriculture, natural resources, and rural development.
<b>7. Finance (CPS priority area: expand access to finance for SMEs, and promote gender equality)</b>			
Strengthened access to finance by SMEs	SME financing	Amount: \$130 million (regular OCR) Share of COBP envelope: 5%	The key country development outcomes that ADB contributes to has been changed from “Modernization of plantation sector” to “Strengthened access to finance by SMEs.”  Long-term funding for capital expenditure in the tea industry has been dropped from the key areas of assistance and replaced by SME financing.

ADB = Asian Development Bank, COBP = country operations business plan, CPS = country partnership strategy, OCR = ordinary capital resources, PRF = project readiness facility, SMEs = small and medium-sized enterprises.

Source: Asian Development Bank.

**LIST OF LINKED DOCUMENTS**

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

1. Portfolio at a Glance

## INDICATIVE ASSISTANCE PIPELINE

Table A3.1: Lending Products, 2020–2022

Project/Program Name	Sector	Poverty Targeting	Operational Priority <sup>a</sup>	Division	Year of TRTA/PDA	Cost (\$ million)						
						Total	ADB			Gov't	Co-finance	
							Regular OCR	COL	ADF Grants			Total
<b>2020 Firm</b>												
Northern Province Sustainable Fisheries Development Project	MUL	TI-G	OP1, OP2, OP5, OP6	SLRM	2017	155.0	155.0	0.0	0.0	155.0	TBD	0.0
SME Line of Credit Project (additional financing)	FIN	GI	OP1, OP2, OP5, OP6	SAPF	2016	80.0	80.0	0.0	0.0	80.0	TBD	0.0
Second Education Sector Development Program (RBL)	EDU	TI-G	OP1, OP2, OP3, OP6	SAHS	2012	200.0	200.0	0.0	0.0	200.0	TBD	0.0
Integrated Water Productivity Improvement Project (PRF)	ANR	GI	OP1, OP2, OP3, OP5, OP6	SAER	2018	10.0	10.0	0.0	0.0	10.0	TBD	0.0
Second Integrated Road Investment Program (tranche 3)	TRA	TI-G	OP1, OP2, OP3, OP5, OP6	SATC	2016	150.0	150.0	0.0	0.0	150.0	TBD	0.0
Integrated Road Investment Program (tranche 5)	TRA	TI-G	OP1, OP2, OP3, OP5, OP6	SATC	2014	150.0	150.0	0.0	0.0	150.0	TBD	0.0
<b>Total</b>						<b>745.0</b>	<b>745.0</b>	<b>0.0</b>	<b>0.0</b>	<b>745.0</b>	<b>TBD</b>	<b>0.0</b>
<b>2020 Standby</b>												
SME Credit Guarantee Institution Project	FIN	TI-G	OP1, OP2, OP5, OP6	SAPF	2016	50.0	50.0	0.0	0.0	50.0	TBD	0.0
<b>Total</b>						<b>50.0</b>	<b>50.0</b>	<b>0.0</b>	<b>0.0</b>	<b>50.0</b>	<b>TBD</b>	<b>0.0</b>

Project/Program Name	Sector	Poverty Targeting	Operational Priority <sup>a</sup>	Division	Year of TRTA/PDA	Cost (\$ million)						
						Total	ADB			Gov't	Co-finance	
							Regular OCR	COL	ADF Grants			Total
<b>2021 Firm</b>												
Kelani Valley Railway Improvement Program Phase 1 (tranche 1)	TRA	GI	OP2, OP3, OP4, OP6	SATC	2016	200.0	200.0	0.0	0.0	200.0	TBD	0.0
Power System Reliability Strengthening Project	ENE	TI-H	OP3, OP4, OP6	SAEN	2018	275.0	275.0	0.0	0.0	275.0	TBD	0.0
Integrated Water Supply Investment Project	WUS	GI	OP1, OP2, OP3, OP4, OP6	SAUW	2015	150.0	150.0	0.0	0.0	150.0	TBD	0.0
Second Integrated Road Investment Program (tranche 4)	TRA	TI-G	OP1, OP2, OP3, OP5, OP6	SATC	2016	150.0	150.0	0.0	0.0	150.0	TBD	0.0
<b>Total</b>						<b>775.0</b>	<b>775.0</b>	<b>0.0</b>	<b>0.0</b>	<b>775.0</b>	<b>TBD</b>	<b>0.0</b>
<b>2021 Standby</b>												
Preparing Power Development and Interconnection Project (PRF)	ENE	TI-G	OP4, OP6, OP7	SAEN		10.0	10.0	0.0	0.0	10.0	TBD	0.0
Second Transport Project Preparatory Facility (PRF)	TRA	TI-G	OP6	SATC		40.0	40.0	0.0	0.0	40.0	TBD	0.0
<b>Total</b>						<b>50.0</b>	<b>50.0</b>	<b>0.0</b>	<b>0.0</b>	<b>50.0</b>	<b>TBD</b>	<b>0.0</b>
<b>2022 Firm</b>												
Secondary Towns Sustainable Development Project	WUS	TI-G	OP2, OP3, OP4	SAUW	2019	180.0	150.0	0.0	0.0	150.0	TBD	30.0 <sup>p</sup>
Integrated Water Productivity Improvement Sector Project	ANR	GI	OP1, OP2, OP3, OP5, OP6	SAER	2018	170.0	170.0	0.0	0.0	170.0	TBD	0.0

Project/Program Name	Sector	Poverty Targeting	Operational Priority <sup>a</sup>	Division	Year of TRTA/PDA	Cost (\$ million)						
						ADB					Gov't	Co-finance
						Total	Regular OCR	COL	ADF Grants	Total		
Mahaweli Water Security Investment Program (tranche 3)	ANR	GI	OP1, OP3, OP5, OP6	SAER	2015	173.8	173.8	0.0	0.0	173.8	TBD	0.0
Second Integrated Road Investment Program (tranche 5)	TRA	TI-G	OP1, OP2, OP3, OP5, OP6	SATC	2016	150.0	150.0	0.0	0.0	150.0	TBD	0.0
Integrated Road Investment Program (tranche 6)	TRA	TI-G	OP1, OP2, OP3, OP5, OP6	SATC	2014	93.0	93.0	0.0	0.0	93.0	TBD	0.0
<b>Total</b>						<b>766.8</b>	<b>736.8</b>	<b>0.0</b>	<b>0.0</b>	<b>736.8</b>	<b>TBD</b>	<b>30.0</b>
<b>2022 Standby</b>												
Strategic Cities Sustainable Urban Development Project <sup>c</sup>	WUS	TI-G	OP2, OP3, OP4	SAUW	2020	200.0	100.0	0.0	0.0	100.0	TBD	100.0 <sup>b</sup>
<b>Total</b>						<b>200.0</b>	<b>100.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100.0</b>	<b>TBD</b>	<b>100.0</b>

ADB = Asian Development Bank; ADF = Asian Development Fund; ANR = agriculture, natural resources, and rural development; COL = concessional OCR lending; EDU = education; ENE = energy; FIN = finance; GI = general intervention; Gov't = government; MUL = multisector; OCR = ordinary capital resources; PDA = project design advance; PRF = project readiness facility; RBL = results-based lending; SAEN = South Asia Energy Division; SAER = South Asia Environmental, Natural Resources, and Agriculture Division; SAHS = South Asia Human and Social Development Division; SAPF = South Asia Public Management, Financial Sector, and Trade Division; SATC = South Asia Transport and Communication Division; SAUW = South Asia Urban Development and Water Division; SLRM = Sri Lanka Resident Mission; SMEs = small and medium-sized enterprises; TBD = to be determined; TI-G = targeted intervention—geographic dimensions of inclusive growth; TI-H = targeted intervention—income poverty at household level; TRA = transport; TRTA = transaction technical assistance; WUS = water supply and other urban infrastructure and services.

<sup>a</sup> Detailed classifications of operational priorities are 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.

<sup>b</sup> Cofinancing source is to be determined.

<sup>c</sup> Formerly known as the Western Megapolis Urban Infrastructure Development Project.

Source: Asian Development Bank estimates.

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

Assistance Name	Sector	Division	Assistance Type	Sources of Funding				Total (\$'000)
				ADB		Others		
				Source	Amount (\$'000)	Source	Amount (\$'000)	
<b>2020 Firm</b>								
Value Chain Development for Tea Sector (associated) <sup>a</sup>	FIN	SAPF	TRTA	TASF-others	1,000.0	JFPR	1,000	2,000.0
Support for Human Capital Development Initiative <sup>b</sup>	EDU	SAHS	TRTA	TASF-others	1,000.0			1,000.0
<b>Total</b>					<b>2,000.0</b>		<b>1,000.0</b>	<b>3,000.0</b>
<b>2020 Standby</b>								
SME Credit Guarantee Institution (associated)	FIN	SAPF	TRTA			FSDPSF	500.0	500.0
<b>Total</b>							<b>500.0</b>	<b>500.0</b>
<b>2021 Firm</b>								
Sustainable Development and Climate Change Monitoring (associated)	TRA	SATC	TRTA	TASF-others	1,000.0			1,000.0
Integrated Water Supply Investment Project (associated)	WUS	SAUW	TRTA	TASF-others	500.0			500.0
<b>Total</b>					<b>1,500.0</b>			<b>1,500.0</b>
<b>2022 Firm</b>								
Supporting Delivery of Knowledge Solutions II	PSM	SLRM	KSTA	TASF-others	500.0			500.0
Human Capital Development Capacity and Implementation Support II	EDU	SAHS	TRTA	TASF-others	500.0			500.0
<b>Total</b>					<b>1,000.0</b>			<b>1,000.0</b>

ADB = Asian Development Bank; EDU = education; FIN = finance; FSDPSF = Financial Sector Development Partnership Special Fund; JFPR = Japan Fund for Poverty Reduction; KSTA = knowledge and support technical assistance; PSM = public sector management; SAHS = South Asia Human and Social Development Division; SAPF = South Asia Public Management, Financial Sector, and Trade Division; SATC = South Asia Transport and Communication Division; SAUW = South Asia Urban Development and Water Division; SLRM = Sri Lanka Resident Mission; SMEs = small and medium-sized enterprises; TASF = Technical Assistance Special Fund; TRA = transport; TRTA = transaction technical assistance; WUS = water supply and other urban infrastructure and services.

<sup>a</sup> Formerly Investing in Tea Sector Productivity, deferred from 2019.

<sup>b</sup> Deferred from 2019.

Source: Asian Development Bank estimates.

## ASSISTANCE PROGRAM FOR CURRENT YEAR

Table A4.1: Lending Products, 2019

Project/Program Name	Sector	Poverty Targeting	Operational Priority <sup>a</sup>	Division	Year of TRTA/PDA	Cost (\$ million)						
						ADB				Total	Gov't	Co-finance
						Regular OCR	COL	ADF Grants	Total			
<b>Firm</b>												
Railway Efficiency Improvement Project <sup>b</sup>	TRA	GI	OP3, OP4, OP6	SATC	2016	192.0	160.0	0.0	0.0	160.0	32.0	0.0
Second Integrated Road Investment Program (tranche 2)	TRA	TI-G	OP1, OP2, OP3, OP5, OP6	SATC	2016	171.8	150.0	0.0	0.0	150.0	21.8	0.0
SASEC Port Access Elevated Highway <sup>c</sup>	TRA	GI	OP3, OP4, OP6, OP7	SATC	2016	360.2	300.0	0.0	0.0	300.0	60.2	0.0
Urban Project Preparatory Facility (TA loan) <sup>c</sup>	WUS	GI	OP4	SAUW		12.2	0.0	10.0	0.0	10.0	2.2	0.0
Science and Technology Human Resource Development Project <sup>c</sup>	EDU	GI	OP1, OP2, OP5, OP6	SAHS	2012	165.0	83.0	62.0	0.0	145.0	20.0	0.0
Strengthening Regional Development Bank Project	FIN	GI	OP1, OP2, OP5, OP6	SAPF		50.0	50.0	0.0	0.0	50.0	0.0	0.0
<b>Total</b>						<b>951.2</b>	<b>743.0</b>	<b>72.0</b>	<b>0.0</b>	<b>815.0</b>	<b>136.2</b>	<b>0.0</b>

ADB = Asian Development Bank; ADF = Asian Development Fund; COL = concessional OCR lending; EDU = education; FIN = finance; GI = general intervention; Gov't = government; OCR = ordinary capital resources; PDA = project design advance; SAHS = South Asia Human and Social Development Division; SAPF = South Asia Public Management, Financial Sector, and Trade Division; SASEC = South Asia Subregional Economic Cooperation; SATC = South Asia Transport and Communication Division; SAUW = South Asia Urban Development and Water Division; TA = technical assistance; TI-G = targeted intervention—geographic dimensions of inclusive growth; TRA = transport; TRTA = transaction TA; WUS = water supply and other urban infrastructure and services.

<sup>a</sup> Detailed classifications of operational priorities are 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.

<sup>b</sup> Formerly Colombo Suburban Railway Efficiency Improvement Project.

<sup>c</sup> Deferred from 2018. The COL-funded projects to be committed in 2019 are already approved in 2018.

Source: Asian Development Bank estimates.



Table A4.2: Nonlending Products and Services, 2019

Assistance Name	Sector	Division	Assistance Type	Sources of Funding				
				ADB		Others		Total (\$'000)
				Source	Amount (\$'000)	Source	Amount (\$'000)	
<b>Firm</b>								
Preparing Integrated Water Productivity Improvement Project	ANR	SAER	TRTA	TASF	1,000.0	WFPF	200.0	1,200.0
Enhancing Rural Micro- and Small-Sized Enterprises Finance (associated) <sup>a</sup>	FIN	SAPF	TRTA			JFPR	1,000.0	1,000.0
Strengthening of Management Information Systems and Asset Management Capacity (associated) <sup>b</sup>	TRA	SATC	TRTA	TASF-others	1,000.0			1,000.0
Preparing Kelani Valley Railway Investment Program <sup>c</sup>	TRA	SATC	TRTA	TASF-others	1,000.0			1,000.0
Supporting Tourism Revival in Sri Lanka <sup>c</sup>	IND	SLRM	KSTA	TASF-others	500.0			500.0
Supporting Feasibility Study and Survey to Adopt Liquefied Natural Gas Power Generation to Diversify Energy Mix <sup>c</sup>	ENE	SAEN	KSTA	TASF-others	225.0			225.0
<b>Total</b>					<b>3,725.0</b>		<b>1,200.0</b>	<b>4,925.0</b>

ADB = Asian Development Bank; ANR = agriculture, natural resources, and rural development; ENE = energy; FIN = finance; IND = industry and trade; JFPR = Japan Fund for Poverty Reduction; KSTA = knowledge and support technical assistance; SAEN = South Asia Energy Division; SAER = South Asia Environmental, Natural Resources and Agriculture Division; SAPF = South Asia Public Management, Financial Sector and Trade Division; SATC = South Asia Transport and Communication Division; SLRM = Sri Lanka Resident Mission; TA = technical assistance; TASF = Technical Assistance Special Fund; TRA = transport; TRTA = transaction TA; WFPF = Water Financing Partnership Facility.

Note: Preparing the Distribution Automation and Metering Project, and Lagoon Development Assessment, originally in 2019, are dropped from the program.

<sup>a</sup> Formerly Strengthening the Regional Development Bank. Deferred from 2018 standby.

<sup>b</sup> Formerly Institutional Strengthening to Sri Lanka Railways.

<sup>c</sup> New technical assistance projects included in 2019.

Source: Asian Development Bank estimates.

## INDICATIVE KNOWLEDGE PRODUCTS AND EVENTS

Table A5.1: Knowledge Products and Events for 2020

Title of Publication or Event	Subject	Type	Department or Sector Group or Thematic Group	Technical Assistance
Need for Utility Business Model for Electricity	Energy	Policy brief	SARD	
Wind Power Development of Sri Lanka	Energy, climate change	Working paper	SARD	
Sri Lankan Women Entrepreneurship	Gender	Working paper	SARD	
Lessons from Fiscal Management Efficiency Project	Governance and public sector management, information and communication technology, finance	Policy brief	SARD	
Asian Development Outlook 2020	Capacity development, economics, governance and public sector management	Flagship study	ERCD	
Asian Development Outlook 2020 Update	Capacity development, economics, governance and public sector management	Flagship study	ERCD	
Leveraging Capital Market for Growth	Economics, finance	Working paper	SARD	
Trilemma and Policy Implications for Sri Lanka	Economics	Working paper	SARD	
Toward Inclusive Sanitation in South Asia: Status, Best Practices, and Lessons Learned	Urban development	Technical study	SARD	
Education Leadership Development in Sri Lanka	Education	Technical study	SARD	
Malnutrition in Sri Lanka	Health, economics	Working paper	SARD	
Mobilizing Finance to Tea Sector in Sri Lanka	Finance, agriculture	Working paper	SARD	
Outcome of Nonrevenue Water Production in Colombo	Water	Economic sector work	SARD	

<b>Title of Publication or Event</b>	<b>Subject</b>	<b>Type</b>	<b>Department or Sector Group or Thematic Group</b>	<b>Technical Assistance</b>
Urban Land Value Capture and Transit-Oriented Development	Urban development	Technical study	SARD	TA 9454
Sri Lanka in Global Value Chains	Industry and trade	Working paper	SARD	
Best Practices in Port City Connectivity	Transport, regional cooperation and integration, industry and trade, economics	Technical study	SDCC	
Subregional Conference on Strategies for Smart, Safe, and Equitable Cities in South Asia	Gender	Event	SARD	TA 8311
<b>Total number of publications = 16</b> <b>Total number of events = 1</b>				

ERCD = Economic Research and Regional Cooperation Department; SARD = South Asia Department; SDCC = Sustainable Development and Climate Change; TA = technical assistance.

Source: Asian Development Bank.

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

Title of Publication or Event	Subject	Type	Department or Sector Group or Thematic Group	Technical Assistance
Sri Lanka's Labor Force	Economics	Policy brief	SARD	
ADB's Contribution to Urban Development in South Asia: Two Decades Journey	Urban development, water	Technical study	SARD	
South Asia Climate Report	Capacity development	Technical study	SARD	
Cross-Border Power Generation, Transmission, and Trading—A Way Forward for South Asia	Energy	Working paper	SARD	RETA 7997
Financing Social Security in South Asia	Economics	Working paper	SARD	
Climate Change Litigation Bench Book	Capacity development, climate change, environment, regional cooperation and integration	Technical study	OGC	TA 9279
South Asia Climate Brief	Climate change	Policy brief	SARD	
Labor Supply and Demand in Sri Lanka	Economics	Technical study	SARD	
Sri Lanka's State-Owned Enterprises	Economics	Policy brief	SARD	TA 9235
On the Road to Achieving Full Electrification: Sri Lanka	Energy	Technical study	SARD	
Approach Paper: Engaging Men and Boys in Promoting Gender Equality	Gender	Technical study	SARD	

<b>Title of Publication or Event</b>	<b>Subject</b>	<b>Type</b>	<b>Department or Sector Group or Thematic Group</b>	<b>Technical Assistance</b>
The Economic Effects of Participating in Global Value Chains: Country and Sector-Level Analysis	Capacity development, economics, governance and public sector management	Technical study	ERCD	TA 8779
Building Resilience towards Weather-Related Disasters in Sri Lanka	Disaster risk management	Policy brief	SARD	
Sri Lanka's Labor Force	Economics	Op-ed	SARD	
Sri Lanka's Ageing Population	Economics	Technical study	SARD	TA 9454
Borders without Barriers: Facilitating Trade in South Asia Subregional Economic Cooperation	Industry and trade, regional cooperation and integration	Technical study	SARD	
Study on State-Owned Enterprises Reform	Economics, finance, governance and public sector management, industry and trade, private sector	Technical study	ERCD	TA 9325
South Asia Subregional Economic Cooperation Operational Plan Update	Capacity development	Technical study	SARD	TA 8231
South Asia Subregional Economic Cooperation Sanitary and Phytosanitary Technical Barriers to Trade Regional Study	Industry and trade, regional cooperation and integration	Technical study	SARD	

Title of Publication or Event	Subject	Type	Department or Sector Group or Thematic Group	Technical Assistance
Power Sector Regulation: Lessons from Sri Lanka	Energy	Working paper	SARD	
Energy Sector Assessment Strategy and Road Map for Sri Lanka	Energy	Technical study	SARD	TA 9460
Bay of Bengal Initiative for Multi-Sectoral, Technical, and Economic Cooperation Master Plan for Transport Connectivity	Regional cooperation and integration	Technical study	SARD	TA 8009
Potential Exports and Nontariff Barriers to Trade: Sri Lanka National Study	Industry and trade, regional cooperation and integration, transport	Technical study	SARD	RETA 9231
ADB South Asia Working Paper No. 64: Exploring Strategies for Planned Urban Cluster Development in South Asia	Urban development	Working paper	SARD	RETA 7997
The Social Protection Indicator: Assessing Results for Asia	Social development and protection	Technical study	SDCC	
Asian Development Bank and Sri Lanka: Fact Sheet 2018	ADB administration and governance	Awareness-raising brochure	SARD	
Addressing Sri Lanka's Macroeconomic Challenges	Economics	Op-ed	SARD	
ADB South Asia Working Paper No. 63: Sri Lanka's Macroeconomic Challenges: A Tale of Two Deficits	Economics	Working paper	SARD	TA 7997, TA 7491
National Training Workshop on Economic Analysis of Investment Projects (Sri Lanka)	Economics, capacity development	Event organization	SARD/ERCD	TA 9693, TA 9454
Input–Output Analysis Training Workshop	Economics, capacity development	Capacity development event for DMCs	SARD/ERCD	TA 9454/TA 6483

<b>Title of Publication or Event</b>	<b>Subject</b>	<b>Type</b>	<b>Department or Sector Group or Thematic Group</b>	<b>Technical Assistance</b>
Macroeconomic Forecasting using Financial Programming and Policies	Economics, capacity development	Capacity development event for DMCs	SARD	TA 9454
Workshop on Maritime Cooperation in South Asia Subregional Economic Cooperation	Regional cooperation and integration, transport	Event organization	SARD	
<b>Total number of publications = 28</b> <b>Total number of events = 4</b>				

ADB = Asian Development Bank; DMC = developing member county; ERCD = Economic and Regional Cooperation Department; OGC = Office of the General Counsel; RETA = regional technical assistance; SARD = South Asia Department; SDCC = Sustainable Development and Climate Change Department; TA = technical assistance.

Source: Asian Development Bank staff.

**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>
Introduction of the first seaweed tissue culture laboratory and coastal aquaculture development training center in the country	TCH	49325-002	ANR	SLRM
Use of results-based lending	PLT		EDU	SAHS
<b>Total number of innovation, advanced technology, and pilot initiatives = 2</b>				

ANR = agriculture, natural resources, and rural development; EDU = education; PLT = pilot initiative; SAHS = South Asia Human and Social Development Division; SLRM = Sri Lanka Resident Mission; TCH = advanced technology.

Source: Asian Development Bank.