



Country Operations Business Plan

September 2016

Viet Nam
2017–2019

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

Asian Development Bank

CURRENCY EQUIVALENTS

(as of 3 September 2016)

Currency unit	–	dong (D)
D1.00	=	\$0.000045
\$1.00	=	D22,300

ABBREVIATIONS

ADB	–	Asian Development Bank
ADF	–	Asian Development Fund
COBP	–	country operations business plan
CPS	–	country partnership strategy
OCR	–	ordinary capital resources
TA	–	technical assistance

NOTE

In this report, "\$" refers to US dollars.

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CONSISTENCY OF THE BUSINESS PLAN WITH THE COUNTRY PARTNERSHIP STRATEGY

1. The country operations business plan (COBP), 2017–2019 is consistent with the Asian Development Bank (ADB) country partnership strategy (CPS) for Viet Nam, 2016–2020. It is also in line with the strategic directions of the government’s socio-economic development plan 2016–2020, and reflects a sharpened operational focus, as identified in the ADB Strategy 2020 midterm review.¹ The COBP, 2017–2019 is the first under CPS 2016–2020, and is aligned with priorities identified under the three outcomes-based pillars of the CPS; namely: (i) promoting job creation and competitiveness, (ii) increasing the inclusiveness of infrastructure and service delivery, and (iii) improving environmental sustainability and climate change response.

2. As of 31 December 2015 the active ADB Viet Nam lending portfolio comprised 74 ongoing sovereign loans totaling \$8,691 million, with a net effective amount of \$7,361 million. Cumulative contract awards are \$4,542 million, and cumulative disbursements \$3,460 million. The country portfolio comprises transport (38.5%), energy (23.1%), water and other municipal infrastructure and services (12.7%), agriculture and natural resources (9.5%), public sector management (6.3%), education (4.8%), health and social protection (1.9%), and multi sector (1.0%).

3. The COBP for 2017–2019 reflects significant over programming with the firm pipeline at \$4,320.6 million. Areas of assistance and the resource allocation for each sector are included in Appendix 1. The lending and nonlending programs for 2017–2019 are in Appendix 2. The 2016 lending and nonlending programs are in Appendix 3. In addition, ADB will collaborate closely with local knowledge institutions, including think tanks and universities, to disseminate knowledge. Key knowledge products for 2016 and 2017, and innovation, advanced technology, and pilot initiatives to be implemented in 2017 are in Appendix 4.

¹ ADB. 2014. *Midterm Review of Strategy 2020: Meeting the Challenges of a Transforming Asia and Pacific*. Manila.

COUNTRY ASSISTANCE RESULTS AREAS

Key Country Development Outcomes that ADB Contributes to	ADB		
	Key Areas of Assistance	Indicative Resource Allocation in 2017–2019	Changes from Last COBP
1. Energy (Sustainable resource use)			
Efficiency and sustainability of power supply increased	Power sector reform and market development Transmission and distribution enhancement Energy efficiency and renewable energy promotion	Amount: \$563 million and \$780 million (cofinancing) Share of COBP envelope: 13.0%	One project has been moved to 2018; and one to 2019 stand-by
2. Transport (Improve physical connectivity and enhance access to services)			
Connectivity between domestic and international markets and public transport services enhanced	Roads Border services improvement Urban transport	Amount: \$1,678 billion and \$373 million (cofinancing) Share of COBP envelope: 38.8%	One project has been moved to 2017; one has been moved to 2018; and one has been advanced to 2016
3. Water and Other Urban Infrastructure and Services (Promote inclusive urbanization)			
Urban resilience promoted, with improved urban infrastructure and urban services	Urban planning, policies, and reforms Water and sanitation infrastructure Waste water management	Amount: \$492.5 million and \$6 million (cofinancing) Share of COBP envelope: 11.4%	One project has been dropped; and one has been moved to 2017
4. Education (Enhance access to services)			
Education system meets the needs of a middle-income country and supports the development of a productive, competitive and innovative economy Job creation and employment conditions improved	Secondary education Technical and vocational education and training	Amount: \$200 million Share of COBP envelope: 4.6%	None
5. Health (Enhance access to services)			
Health system meets the needs of a middle income country and supports the development of a productive, competitive and innovative economy	Health system development to improve primary health care Health human resource development	Amount: \$290 million Share of COBP envelope: 6.7%	One project has been added in 2018; and one has been moved to 2019
6. Public Sector Management (Deepen structural reform, encourage private sector development, and enhance transparency and accountability of public expenditure)			
Viet Nam reduces its dependence on state-owned enterprises for economic output	Reform of public sector enterprises Enabling support for public–private partnerships	Amount: \$200 million Share of COBP envelope: 4.6%	None
7. Finance (Deepen structural reform)			

Key Country Development Outcomes that ADB Contributes to	ADB		
	Key Areas of Assistance	Indicative Resource Allocation in 2017–2019	Changes from Last COBP
Improved access to finance and strengthened financial sector to promote private sector and economic growth and employment.	Finance sector development Inclusive finance Insurance and contractual savings Money and capital markets	Amount: \$700 million Share of COBP envelope: 16.2%	One project has been moved to 2018
8. Agriculture, Natural Resources, and Rural Development (Improve livelihood opportunities for remote and rural people, and climate change response)			
Irrigation command areas served by water efficient irrigation infrastructure increased Income earning opportunities for rural workers improved	Rural infrastructure development Water efficiency Rural business commercialization	Amount: \$197 million and \$10 million (cofinancing) Share of COBP envelope: 4.6%	One project has been advanced to 2017 firm

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

Source: ADB estimates.

INDICATIVE ASSISTANCE PIPELINE

Table A2.1: Lending Products, 2017–2019

Project/Program Name	Sector	Poverty Targeting	Strategic Agendas and Drivers of Change	Division	Year of PPTA /PDA	Cost (\$ million)						Co-finance
						ADB ^a				Total	Gov't	
						Total	OCR	COL	ADF Grants			
2017 Firm												
GMS Ha Noi-Lang Son Expressway	TRA	GI	IEG/RCI	SETC	...	386.1	356.7	28.9	0.0	385.6	0.5	0.0
Power Transmission Investment Program (MFF \$730 million) PFR 4	ENE	GI	IEG/PSD/PAR	SEEN	2010	403.0	163.0	0.0	0.0	163.0	240.0	0.0
Secondary Cities Development Program (Green Cities)	WUS	GI	IEG/GEM/PAR	SEUW	2014	176.0	50.0	120.0	0.0	170.0	0.0	6.0 ^b
Financial Sector Development and Inclusion Program - Subprogram 1	FIN	GI	IEG/GCD/KNS /PSD	SEPF	2016	200.0	200.0	0.0	0.0	200.0	0.0	0.0
Basic Infrastructure for Inclusive Growth in Northeast Provinces Sector Project	ANR/TRA	TI	IEG/ESG/GEM /GCD	SEER /VRM	2015	170.0	0.0	150.0	0.0	150.0	10.0	10.0 ^c
Basic Infrastructure for Inclusive Growth Project in Nghe An, Ha Tinh, Quang Binh, and Quang Tri Provinces	ANR/TRA	TI	IEG/ESG/GEM /GCD	SEER /VRM	2015	157.0	50.0	97.0	0.0	147.0	10.0	0.0
Total						1,492.1	819.7	395.9	0.0	1,215.6	260.5	16.0
2017 Standby												
Market-Oriented Power Sector Reform Program - Subprogram 1	ENE	GI	IEG/ESG/PSD /GCD/PAR	SEEN	2015	590.0	200.0	0.0	0.0	200.0	0.0	390.0 ^d
Water Efficiency Improvement for Drought Affected Provinces	ANR	TI	SESG/GEM /GCD/KNS	SEER	2016	130.0	20.0	100.0	0.0	120.0	10.0	0.0
Total						720.0	220.0	100.0	0.0	320.0	10.0	390.0
2018 Firm												
Strengthening Private Enterprise for Innovation-led Growth Program - Subprogram 1	FIN	GI	IEG/PSD	SEPF /VRM	...	100.0	0.0	100.0	0.0	100.0	0.0	0.0
Water Efficiency Improvement for Drought Affected Provinces	ANR	TI	SESG/GEM /GCD/KNS	SEER	2016	130.0	20.0	100.0	0.0	120.0	10.0	0.0

Project/Program Name	Sector	Poverty Targeting	Strategic Agendas and Drivers of Change	Division	Year of PPTA /PDA	Cost (\$ million)						Co-finance
						ADB ^a					Gov't	
						Total	OCR	COL	ADF Grants	Total		
Third Secondary Education Sector Development	EDU	GI	IEG/GEM/GCD	SEHS	2014	100.0	0.0	100.0	0.0	100.0	0.0	0.0
Market-Oriented Power Sector Reform Program - Subprogram 1	ENE	GI	IEG/ESG/PSD /GCD/PAR	SEEN	2015	590.0	200.0	0.0	0.0	200.0	0.0	390.0 ^d
Skills and Knowledge for Inclusive Economic Growth Sector Development Program - Subprogram 1	EDU	GI	IEG/GEM/GCD	SEHS	2015	110.0	0.0	100.0	0.0	100.0	10.0	0.0
Grassroots Healthcare Centers	HLT	TI-M	IEG/GEM /PAR	SEHS	n/a	90.0	0.0	80.0	0.0	80.0	10.0	0.0
Second GMS Tourism Infrastructure for Inclusive Growth	TRA /WUS	GI	ESG/RCI/GEM /GCD/PAR	LRM	2016	49.0	0.0	45.0	0.0	45.0	4.0	0.0
Support to Private Sector Investment Project	FIN	GI	IEG	SEPF /VRM	NA	200.0	124.4	75.6	0.0	200.0	0.0	0.0
Ho Chi Minh Metro Line 2 (additional financing)	TRA	GI	IEG/EGEM/ PAR	SETC	2014	753.0	500.0	0.0	0.0	500.0	30.0	223.0 ^e
Total						2,122.0	844.4	600.6	0.0	1,445.0	64.0	613.0
2018 Standby												
Second Health Human Resources Sector Development Program	HLT	TI-M	IEG/GEM/GCD /PAR	SEHS	2015	220.0	130.0	80.0	0.0	210.0	10.0	0.0
GMS Corridor Connectivity Enhancement	TRA	GI	IEG/RCI	SETC	2016	437.0	146.8	253.2	0.0	400.0	37.0	0.0
Total						657.0	276.8	333.2	0.0	610.0	47.0	0.0
2019 Firm												
Second Health Human Resources Sector Development Program	HLT	TI-M	IEG/GEM/GCD /PAR	SEHS	2015	220.0	130.0	80.0	0.0	210.0	10.0	0.0
GMS Corridor Connectivity Enhancement	TRA	GI	IEG/RCI	SETC	2016	437.0	146.8	253.2	0.0	400.0	37.0	0.0
Improving Public Expenditure Quality Program - Subprogram 2	PSM	GI	IEG	SEPF /VRM	2015	200.0	200.0	0.0	0.0	200.0	0.0	0.0
HCMC Integrated Public Transport Investment Program (MFF \$675 million) PFR 1	TRA	GI	IEG/ESG/GEM /GCD/KNS /PAR	SETC	2014	330.0	150.0	0.0	0.0	150.0	30.0	150.0 ^f

Project/Program Name	Sector	Poverty Targeting	Strategic Agendas and Drivers of Change	Division	Year of PPTA/PDA	Cost (\$ million)						
						ADB ^a					Gov't	Co-finance
						Total	OCR	COL	ADF Grants	Total		
Market-Oriented Power Sector Reform Program - Subprogram 2	ENE	GI	IEG/ESG/PSD/GCD/PAR	SEEN	2015	590.0	200.0	0.0	0.0	200.0	0.0	390.0 ^g
Urban Climate Change Resilience Program 1	WUS	GI	IEG/GEM	SEUW	2016	314.0	150.0	150.0	0.0	300.0	14.0	0.0
Financial Sector Development and Inclusion Program - Subprogram 2	FIN	GI	IEG/GCD/KNS	SEPF	2016	200.0	200.0	0.0	0.0	200.0	0.0	0.0
Total						2,291.0	1,176.8	483.2	0.0	1,660.0	91.0	540.0
2019 Standby												
Second GMS Southern Coastal Corridor	TRA	GI	IEG/RCI/PAR	SETC	2011	359.0	290.2	63.8	0.0	354.0	5.0	0.0
Distribution Grid Development Project for Viet Nam Power Corporation	ENE	TI-G	IEG/ESG/GEM/PAR	SEEN	2016	360.0	335.0	0.0	0.0	335.0	0.0	25.0 ^h
Rural Electrification	ENE	GI	IEG/GCD/PAR	SEEN	2016	380.0	325.0	0.0	0.0	325.0	0.0	55.0 ⁱ
Total						1,099.0	950.2	63.8	0.0	1,014.0	5.0	80.0

ADB = Asian Development Bank; ADF = Asian Development Fund; ANR = agriculture, natural resources, and rural development; COL = concessional ordinary capital resources lending; EDU = education; ENE = energy; ESG = environmentally sustainable growth; FIN = finance; GCD = governance and capacity development; GEM = gender equity and mainstreaming; GI = general intervention; GMS = Greater Mekong Subregion; Gov't = government; HCMC = Ho Chi Minh City; HLT = health; IEG = inclusive economic growth; KNS = knowledge solutions; LRM = Lao Resident Mission; MFF = multitranches financing facility; NA = not applicable; OCR = ordinary capital resources; PAR = partnerships; PDA = project design advance; PFR = periodic financing request; PPP = public-private partnership; PPTA = project preparatory technical assistance; 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; SEHS = Southeast Asia Human and Social Development 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; SME = small and medium-sized enterprise; TA = technical assistance; TI-G = targeted intervention—geographic dimensions of inclusive growth; TI-M = targeted intervention—Millennium Development Goals; TRA = transport; VRM = Viet Nam Resident Mission; WUS = water supply and other urban infrastructure and services.

^a Reflecting the approved combination of ADF lending operations with the OCR balance sheet that will become effective on 1 January 2017.

^b Urban Climate Change Resilience Trust

^c International Fund for Agriculture Development

^d \$160 million from World Bank, \$100 million from AFD, and €80 million from KfW

^e \$167 million from KfW, and \$56 million from the European Investment Bank

^f Korea Eximbank (KEXIM)

^g \$160 million from World Bank, \$100 million from AFD, and €80 million from KfW

^h ASEAN Infrastructure Fund

ⁱ To be determined

Source: Asian Development Bank.

Table A2.2: Nonlending Products and Services, 2017–2019

Assistance Name	Sector	Division	Assistance Type	Sources of Funding				Total (\$'000)
				ADB		Others		
				Source	Amount (\$'000)	Source	Amount (\$'000)	
2017								
Water Sector Corporate Reform Program Management	WUS	SEUW	PPTA		0.0	TF	1,500.0	1,500.0
Rural Business Commercialization and Competitiveness Enhancement Sector Program	ANR	SEER	PPTA	TASF	800.0		0.0	800.0
Renewable Energy Development	ENE	SEEN	PPTA	TASF	1,000.0		0.0	1,000.0
Financial Sector Development and Inclusion Program - Subprogram 2	FIN	SEPF	PPTA	TASF	900.0		0.0	900.0
Improving Portfolio Performance and Aid Management Phase 2	PSM	VRM	CDTA	TASF	800.0		0.0	800.0
Piloting Fecal Sludge Management in Viet Nam	WUS	SEUW	CDTA		0.0	BAMGF	2,000.0	2,000.0
Total					3,500.0		3,500.0	7,000.0
2017 Standby								
Education Sector Development Program	EDU	SEHS	PPTA	TASF	1,000.0		0.0	1,000.0
Total					1,000.0		0.0	1,000.0
2018								
Power Transmission Grid Reinforcement	ENE	SEEN	PPTA	TASF	1,000.0		0.0	1,000.0
Education Sector Development Program	EDU	SEHS	PPTA	TASF	1,000.0		0.0	1,000.0
Resilient and Sustainable Urban Water Supply and Environmental Sanitation Program	WUS	SEUW	PPTA		0.0	TBD	2,500.0	2,500.0
HCMC MTR Line 5 Integration	TRA	SETC	PPTA		0.0	TBD	1,000.0	1,000.0
Power Sector Reform Program 2	ENE	SEEN	PATA	TASF	1,000.0		0.0	1,000.0
Capacity Building for Project Management Unit Professionalization	PSM	VRM	CDTA		0.0	TF	1,000.0	1,000.0
Total					3,000.0		4,500.0	7,500.0
2019								
Water Conservation Program	WUS	SEUW	PATA		0.0	GEF	1,500.0	1,500.0
Total					0.0		1,500.0	1,500.0

ADB = Asian Development Bank; ANR = agriculture, natural resources, and rural development; BAMGF = Bill and Melinda Gates Foundation; CDTA = capacity development technical assistance; EDU = education; ENE = energy; FIN = finance; GEF = Global Environmental Fund; HCMC = Ho Chi Minh City; MTR = mass transit railway; PATA = policy and advisory technical assistance; PPTA = project preparatory technical assistance; 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; 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; TASF = Technical Assistance Special Fund; TBD = to be determined; TF = Trust Fund; TRA = transport; VRM = Viet Nam Resident Mission; WUS = water and other urban infrastructure and services.

Source: Asian Development Bank.

ASSISTANCE PROGRAM FOR THE CURRENT YEAR

Table A3.1: Lending Products, 2016

Project/Program Name	Sector ^a	Poverty Targeting	Strategic Agendas and Drivers of Change	Division	Year of PPTA/PDA	Cost (\$ million)						Co-finance
						Total	OCR	ADB		Total	Gov't	
								Loans	Grants			
Firm												
Second Secondary Education Sector Development	EDU	GI	IEG/GEM/GCD	SEHS	2014	107.0	0.0	100.0	0.0	100.0	7.0	0.0
GMS Ben Luc–Long Thanh Expressway (MFF \$636 million) PFR 2	TRA	GI	IEG/RCI/PAR	SETC	2008	862.9	286.0	0.0	0.0	286.0	59.3	517.6 ^a
Improving Public Expenditure Quality Program - Subprogram 1	PSM	GI	IEG	VRM/SE PF	2015	200.0	82.7	117.3	0.0	200.0	0.0	0.0
Support to Border Areas Development	TRA /PSM	TI-G	IEG/ESG/RCI /GEM/PSD/GCD	VRM	2014	122.1	0.0	106.5	0.0	106.5	15.6	0.0
GMS Health Security	HLT	TI-M	ESG/RCI/GEM /GCD/PAR	SEHS	2014	84.0	0.0	80.0	0.0	80.0	4.0	0.0
Total						1,376.0	368.7	403.8	0.0	772.5	85.9	517.6

ADB = Asian Development Bank; ADF = Asian Development Fund; EDU=education; ESG = environmentally sustainable growth; GCD = governance and capacity development; GEM = gender equity and mainstreaming; GI = general intervention; GMS = Greater Mekong Subregion; Gov't = government; HLT = health; IEG = inclusive economic growth; MFF = multitranches financing facility; OCR = ordinary capital resources; PAR = partnerships; PDA = project design advance; PFR = periodic financing request; PPTA = project preparatory technical assistance; PSD = private sector development; PSM = public sector management; RCI = regional cooperation and integration; SEHS = Southeast Asia Human and Social Development 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; TI-G = targeted intervention—geographic dimensions of inclusive growth; TI-H = targeted intervention—income poverty at household level; TRA = transport; VRM= Viet Nam Resident Mission; WUS = water supply and other urban infrastructure and services

^a Japan International Cooperation Agency

Source: Asian Development Bank.

Table A3.2: Nonlending Products and Services, 2016

Assistance Name	Sector	Division	Assistance Type	Sources of Funding				
				ADB		Others		Total (\$'000)
				Source	Amount (\$'000)	Source	Amount (\$'000)	
2016 Firm								
Basic Infrastructure Service for Inclusive Growth in the North Central Coastal Provinces (Supplementary)	ANR/TRA	VRM /SEER	PPTA	TASF	650.0		0.0	650.0
Financial Sector Development and Inclusion Program - Subprogram 1 (Former name: Second Financial Sector Deepening Program - Subprogram 1)	FIN	SEPF	PPTA	TASF	900.0		0.0	900.0
Urban Climate Change Resilience Program	WUS	SEUW	PPTA		0.0	UCCRTF	1,000.0	1,000.0
Water Efficiency Improvement for Drought Affected Provinces	ANR	SEER	PPTA	TASF	800.0		0.0	800.0
GMS Corridor Connectivity Enhancement Project	TRA	SETC	PPTA	TASF	1,800.0		0.0	1,800.0
Distribution Grid Development Project for Viet Nam Power Corporation (Former name: Electricity Distribution System Development Program)	ENE	SEEN	PPTA	TASF	1,000.0		0.0	1,000.0
Ho Chi Minh City Wastewater and Drainage System Improvement Project	WUS	SEUW	PPTA		0.0	UCCRTF	1,500.0	1,500.0
Supporting Public Financial Management Decentralization in Viet Nam (Supplementary)	PSM	VRM	PATA	TASF	225.0		0.0	225.0
Enhancing Agricultural Competitiveness in Viet Nam (former name: Supporting Agriculture Restructuring in Viet Nam)	ANR	SEER	CDTA		0.0	TF	1,500.0	1,500.0
Support to Improving Public Expenditure Quality Program (piggy-back TA)	PSM	SEPF /VRM	CDTA		0.0	TBD	575.0	575.0
Support to Viet Nam Academy of Social Sciences	EDU	SEHS	CDTA	TASF	100.0	JFPR	1,200.0	1,300.0
Strengthening the Policy, Institutional and Operational Framework for Social Health Insurance in Viet Nam	HLT	SEHS	PATA		0.0	TF	1,800.0	1,800.0
Secondary Cities Development Program (Green Cities) (Supplementary)	WUS	SEUW	PPTA		0.0	GEF	137.0	137.0
Total					5,475.0		7,712.0	13,187.0
2016 Firm Regional								
Second GMS Tourism Infrastructure for Inclusive Growth	TRA /WUS/IND	LRM	PPTA	TASF	1,500.0		0.0	1,500.0
Total					1,500.0		0.0	1,500.0

ADB = Asian Development Bank; ANR = agriculture, natural resources, and rural development; CDTA = capacity development technical assistance; EDU = education, ENE = energy; FIN = finance; GEF= Global Environmental Fund; GMS = Greater Mekong Subregion; IND = Industry and Trade; JFPR = Japan Fund for Poverty Reduction; LRM = Lao Resident Mission; PPTA = project preparatory technical assistance; 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; 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; TA = technical assistance, TASF = Technical Assistance Special Fund; TBD = to be determined; TF = Trust Fund; TRA = transport; UCCRTF = Urban Climate Change Resilience Trust Fund; VRM = Viet Nam Resident Mission; WUS = water and other urban infrastructure and services.

Source: Asian Development Bank.

INDICATIVE KNOWLEDGE PUBLICATIONS AND EVENTS

Table A4.1: Knowledge Publications and Events for 2017

Title of Publication or Event	Subject	Type	Department or Sector Group or Thematic Group	Technical Assistance
Asian Development Outlook	Economics	Publication	SERD	None
Asian Development Outlook Update	Economics	Publication	SERD	None
Benchmarking State-Owned Enterprise Service Delivery in ASEAN: Evidence from the Energy and Water Sectors	Governance and public sector management	Publication	SERD	8785
Viet Nam Government Project Processing Guidelines and Handbook	Governance and public sector management	Publication	SERD	8806
Guidance Note on Management Construction of Works in Viet Nam	Governance and public sector management	Publication	SERD	8806
Frequently Asked Questions Booklet for Project Implementation Issues in Viet Nam	Governance and public sector management	Publication	SERD	8806
GMS Tourism Strategy 2016–2025	Industry and trade	Publication	SERD	9090
Risk Assessment of Provincial Government Borrowing from Commercial Banks	Governance and public sector management	Publication	SERD	8990
Debt and Equity Financing – the Roles of Banks, Angels and Venture Capital Funds	Private Sector Development	Publication	SERD	None
Business and Innovation Support Services	Private Sector Development	Publication	SERD	None
Midterm Review of the GMS Strategic Framework	Regional Cooperation Initiative	Publication	SERD	7561
3rd GMS Handbook of Statistics on Growth, Connectivity and Sustainable Development	Regional Cooperation Initiative	Publication	SERD	7561
Report on GMS Vision 2030	Regional Cooperation Initiative	Publication	SERD	7561
Survey on Special Economic Zones in Viet Nam	Regional Cooperation Initiative	Publication	SERD	7561
Asian Development Outlook	Economics	Event	SERD	None
Asian Development Outlook Update	Economics	Event	SERD	None
Total number of publications = 14				
Total number of events = 2				

ADB = Asian Development Bank, ASEAN = Association of South East Asian Nations, GMS = Greater Mekong Subregion, SERD = Southeast Asia Department.

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

Source: Asian Development Bank.

Table A4.2: Additional Knowledge Publications and Events Delivered in 2016

Title of Publication or Event	Subject	Type	Department or Sector Group or Thematic Group	Technical Assistance
Asian Development Outlook	Economics	Publication	SERD	None
Asian Development Outlook Update	Economics	Publication	SERD	None
Service Delivery Benchmarking in ASEAN Countries	Governance and public sector management	Publication	SERD	8785
Viet Nam Country Knowledge Plan, 2016–2020	Knowledge management	Publication	SERD	None
Mainstreaming Biodiversity Conservation into Poverty Reduction Projects	Environment	Publication	SERD	8592
Energy Sector Structure Review and Assessment	Energy	Publication	SERD	7262
Review of Corporate Synergy Systems and Potential Application in Viet Nam	Private sector	Publication	SERD	7063
Establishing Wholesale Energy Market in Viet Nam	Energy	Publication	SERD	7262
Financing Sub -regional Infrastructure in Viet Nam: What Role for Commercial Banks	Governance and public sector management	Publication	SERD	None
State Owned Enterprise Reform in Viet Nam: Lessons Learned and Way Forward	Knowledge Management	Publication	SERD	None
What does TPP Mean for Viet Nam Business?	Private Sector Development	Publication	SERD	None
Policy Support for Women Businesses in Viet Nam	Private Sector Development	Publication	SERD	None
Private Sector Assessment (Viet Nam)	Private Sector Development	Publication	SERD	None
GMS Study on Economic Corridor Configuration	Regional Cooperation Initiative	Publication	SERD	7561
GMS Study on Logistics	Regional Cooperation Initiative	Publication	SERD	8977
GMS Study on Special Economic Zones	Regional Cooperation Initiative	Publication	SERD	8977
Second GMS Handbook of Statistics on Growth, Connectivity and Sustainable Development	Regional Cooperation Initiative	Publication	SERD	7561
Study on Strengthening the GMS Institutional Framework	Regional Cooperation Initiative	Publication	SERD	7561
GMS Regional Investment Framework Third Progress Report and Midterm Review	Regional Cooperation Initiative	Publication	SERD	7561
Capacity Support for Viet Nam Learning Center on Environmentally and Socially Sustainable Infrastructure	Environment	Event	SERD	None
Asian Development Outlook	Economics	Event	SERD	None
Asian Development Outlook Update	Economics	Event	SERD	None
Total number of publications = 19				
Total number of events = 3				

ADB = Asian Development Bank, ASEAN = Association of South East Asian Nations, GMS = Greater Mekong Subregion; SERD = Southeast Asia Department. SERC = Southeast Asia Regional Cooperation and Operations Coordination Division, TPP = Trans-Pacific Partnership.

Note: “Publications” may include databases, multimedia, and other forms of documentation. “Events” may include event organization and training or capacity development. The table includes additional knowledge publications and events delivered outside the list of indicative knowledge publications and events included in the 2016–2018 country operations business plan.

Source: Asian Development Bank.

Table A4.3: Innovation, Advanced Technology, and Pilot Initiatives to be Implemented in 2017

Item	Nature	Project Number	Sector or Theme	Division
Supporting corporate governance and debt restructuring of state-owned enterprises	INO	39538-035	PSM	VRM
Curriculum, textbooks, teaching methods and learning assessment improvement based on the PISA 2015 results	PLT, INO	40347-013	EDU	SEHS
Improved public accessibility and low carbon transport options in urban metro design (supported by Clean Technology Fund)	PLT, INO	45200-002	TRA	SETC
Improved public accessibility and low carbon transport options in urban metro design (supported by Clean Technology Fund)	PLT, INO	40080-024	TRA	SETC
Utilization of PPSSF for strengthening project readiness of the Ho Chi Minh metro	INO	45098-001	TRA	SETC
Total number of innovation, advanced technology, and pilot initiatives = 5				

ADB = Asian Development Bank, EDU = Education, INO = innovation, PISA = Programme for International Student Assessment, PLT = pilot initiative, PPSSF = Project Preparation and Start-up Support Facility, PSM = Public Sector Management, SEHS = Southeast Asia Human and Social Development Division, SETC = Southeast Asia Transport and Communications Division, TRA = Transport, VRM = Viet Nam Resident Mission.

Source: Asian Development Bank.