



Board of Directors

IN.432-19
3 December 2019

Country Operations Business Plan: Viet Nam, 2020–2022

Attached for information is a paper on the above subject.

For Inquiries: Eric Sidgwick, Viet Nam Resident Mission
(Ext. 85519101)
Cuong Minh Nguyen, Viet Nam Resident Mission
(Ext. 85519179)



Country Operations Business Plan

November 2019

Viet Nam
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 14 October 2019)

| | | |
|---------------|---|----------------|
| Currency unit | – | dong (D) |
| D1.00 | = | \$0.0000430997 |
| \$1.00 | = | D23,202 |

ABBREVIATIONS

| | | |
|------|---|----------------------------------|
| ADB | – | Asian Development Bank |
| COBP | – | country operations business plan |
| CPS | – | country partnership strategy |
| GDP | – | gross domestic product |
| OCR | – | ordinary capital resources |
| TA | – | technical assistance |

NOTE

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

| | |
|-------------------------|--|
| Vice-President | Ahmed M. Saeed, Operations 2 |
| Director General | Ramesh Subramaniam, Southeast Asia Department (SERD) |
| Director | Eric Sidgwick, Country Director, SERD |
| Team leader | Nguyen Minh Cuong, Principal Country Economist, SERD |
| Team members | Vo Truc Dien, Senior Programs Officer, SERD |
| | Henri Devys, Public–Private Partnership Specialist, Office of Public-Private Partnership |
| | Won Myong Hong, Investment Specialist, Private Sector Operations Department (PSOD) |
| | Satoshi Ishii, Principal Urban Development Specialist, SERD |
| | Donald Lambert, Principal Private Sector Development Specialist, SERD |
| | Hyunjung Lee, Senior Energy Economist, SERD |
| | Daisuke Mizusawa, Senior Transport Specialist, SERD |
| | Duong Nguyen, Financial Sector Economist, SERD |
| | Thuc Phuong Luu Nguyen, Economic Analyst, SERD |
| | Steven Schipani, Unit Head, Project Administration, SERD |
| | Sakiko Tanaka, Senior Social Sector Specialist, SERD |
| | Takeshi Ueda, Principal Natural Resources and Agriculture Economist, SERD |
| | Dulce Zara, Senior Regional Cooperation Officer, 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

| | Page |
|---|-------------|
| I. CONSISTENCY OF BUSINESS PLAN WITH COUNTRY PARTNERSHIP STRATEGY | 1 |
| II. INDICATIVE RESOURCE PARAMETERS | 1 |
| III. SUMMARY OF CHANGES TO LENDING AND NONLENDING PROGRAMS | 2 |
| APPENDIXES | |
| 1. Country Assistance Results Areas | 3 |
| 2. List of Linked Documents | 4 |
| 3. Indicative Assistance Pipeline | 5 |
| 4. Assistance Program for Current Year | 12 |
| 5. Indicative Knowledge Products and Events | 17 |

I. CONSISTENCY OF BUSINESS PLAN WITH COUNTRY PARTNERSHIP STRATEGY

1. The country operations business plan (COBP), 2020–2022 for Viet Nam of the Asian Development Bank (ADB) remains consistent with the priorities of the country's Socio-Economic Development Plan, 2016–2020 and ADB's support to its implementation under the country partnership strategy (CPS), 2016–2020.¹ The CPS aims at fostering more inclusive and environmentally sustainable growth through promoting job creation and competitiveness, increasing inclusive infrastructure and service delivery, and improving environmental sustainability and climate change resilience. The CPS priorities remain valid until a new CPS is prepared. This COBP also (i) incorporates relevant elements of ADB's Strategy 2030;² and (ii) takes into account the recent increase in public debt³ and the government's response by imposing stricter conditions for the use of official development assistance.

2. As of 31 December 2018, the active Viet Nam lending portfolio comprised 62 loans totaling \$7.58 billion, with a net effective amount of \$7.04 billion. Cumulative contract awards totaled \$4.18 billion and cumulative disbursements \$3.29 billion. The active portfolio consists of loans in transport (49.7%); water and other urban infrastructure and services (14.0%); agriculture, natural resources, and rural development (11.3%); energy (8.6%); education (8.6%), finance and public sector management (3.6%); health and social protection (3.6%); and industry and trade (0.6%).

II. INDICATIVE RESOURCE PARAMETERS

3. Viet Nam, a group C developing member country, is eligible for regular ordinary capital resources (OCR) lending.⁴ The indicative resources available for commitment during 2020–2022 for sovereign operations total \$1,715 million. Cofinancing and funding from other sources will be explored. ADB and the government have agreed to pursue a three-pronged approach to finance the COBP, 2020–2022; namely: (i) blending OCR with grants and concessional cofinancing; (ii) targeting OCR to finance parts of national priority infrastructure projects; and (iii) leveraging OCR to attract more private sector financing and participation in Viet Nam's socioeconomic development, including from ADB's Private Sector Operations Department and through transaction advisory from ADB's Office of Public–Private Partnership.

4. ADB's firm lending pipeline (including regional projects) for Viet Nam during 2020–2022 totals \$3,200 million, including \$1,450 million for urban metro projects.⁵ Firm lending cofinancing

¹ Government of Viet Nam 2016. *Socio-Economic Development Plan, 2016–2020*. Ha Noi; and ADB, 2016. *Country Partnership Strategy: Viet Nam, 2016–2020—Fostering More Inclusive and Environmentally Sustainable Growth*. Manila.

² ADB. 2018. *Strategy 2030: Achieving a Prosperous, Inclusive, Resilient, and Sustainable Asia and the Pacific*. Manila. The Socio-Economic Development Plan, 2021–2025, on which the CPS, 2021–2025 will be anchored, will be approved in the second half of 2021.

³ The rise in total public debt, which peaked at 63.7% of gross domestic product (GDP) in 2016 close to the statutory cap of 65% of GDP, coincided with the country's graduation from the International Development Association in July 2017 and ADB's concessional ordinary capital resources in January 2019 (para. 3), and with declining government bond yields and lengthening of tenors. The government's revised directives on official development assistance were not issued until late 2018, and the COBP, 2019–2021 could not be completed. At the end of 2018, total public debt had declined to 58.4% of GDP.

⁴ The ADB Board of Directors approved the reclassification of Viet Nam from group B to group C, effective from 1 January 2019.

⁵ Areas of assistance and the resource allocation for each sector are in Appendix 1. Portfolio at a Glance (accessible from the list of linked documents in Appendix 2).

of \$1,409 million will be sought during 2020–2022.⁶ ADB and the government have also agreed to include potential projects in Appendix 2 of the current COBP period.⁷

5. As part of ongoing efforts addressing the demand for faster approvals, improved preparation and higher readiness of projects, starting in 2018, technical assistance (TA) is being provided through large regional transaction TA facilities and/or regional TA projects, with sector or thematic focus. TA will support project preparation and implementation, policy development and coordination, and capacity development and knowledge work.⁸

6. ADB operations will strengthen coordinated support to ensure the “One ADB” approach in leveraging nonsovereign financing through (i) supporting banks’ funding for onlending to small and medium-sized enterprises, renewables, solar park auction, smart street lighting, infrastructure, and agriculture; (ii) extending ADB’s microfinance program to Viet Nam; (iii) maintaining ADB’s market-leading position in trade finance; (iv) expanding supplier finance to Viet Nam to support small and medium-sized enterprises; (v) supporting export-oriented and high-value agriculture; and (vi) direct financing of infrastructure projects.

7. ADB will also strengthen and explore knowledge and innovation support in (i) preparing core areas of Socio-Economic Development Plan 2021–2025; (ii) promoting structural reforms in public financial management, finance sector development, connectivity, energy markets, education and skills enhancement, health, and urban development; (iii) promoting green growth, and climate change adaptation and mitigation; (iv) expanding regional cooperation and integration, and (v) improving gender equity (Appendix 5).

III. SUMMARY OF CHANGES TO LENDING AND NONLENDING PROGRAMS

8. In 2020–2022, indicative resources have not been allocated for education, energy, health, public sector management, and finance, and thus are excluded in Appendix 1. In addition, the following adjustments have been made to the 2019–2020 lending program⁹:

- (i) **Changes in 2019.** The Secondary Cities Environment Improvement Project has been moved from 2019 to 2020. The Strengthening Private Sector for Innovation-Led Growth Project, the Central Power Solar Plant Project, and the Improving Public Expenditure Quality Program, subprogram 2 policy-based loan have been removed.¹⁰ The 14D National Highway Project has been moved to potential projects.
- (ii) **Changes in 2020.** The Ho Chi Minh City Third Ring Road (Ben Luc-NH22) Project has been moved to 2022; and the Financial Sector Development and Inclusion Program, subprogram 2 policy-based loan has been removed. The Climate Smart Horticulture Value Chain Infrastructure Project and the Ho Chi Minh City Metro Line 2 Project (additional financing) has been moved from 2020 standby to 2021.

9. The nonlending program for 2019–2021 has been adjusted also.

⁶ The indicative assistance pipeline, 2020–2022 is in Appendix 3. The 2019 lending and nonlending programs are in Appendix 4.

⁷ The government is preparing the next Medium-term Investment Plan 2021–2025. The list of potential projects largely aims to keep placeholders in the next Medium-term Term Investment Plan for areas and sectors that are not included in Table A3.1: Lending Products, 2020–2022. Potential Projects (accessible from the list of linked documents in Appendix 2).

⁸ All regional transaction TA facilities and regional TA projects involving Viet Nam in 2019 are in Appendix 4.

⁹ The adjustments are relative to the lending pipeline of the COBP, 2018–2020.

¹⁰ Support continues under ongoing technical assistance.

COUNTRY ASSISTANCE RESULTS AREAS ^a

| Key Country Development Outcomes that ADB Contributes to | ADB | | |
|--|---|--|-------------------------------|
| | Key Areas of Assistance | Indicative Resource Available for Commitment in 2020–2022 | Changes from COBP 2018 - 2020 |
| 1. Transport. CPS priority area 1: Promoting job creation and competitiveness; and CPS priority area 2: Increasing the inclusiveness of infrastructure and service delivery | | | |
| Connectivity between domestic and international markets enhanced | Road transport Urban public transport Urban roads and traffic management | Amount: \$1,744.7 million (regular OCR) \$1,301 million (cofinancing) Share of COBP envelope: 54.5% | No changes |
| 2. Water and Other Urban Infrastructure and Services. CPS priority area 2: Increasing the inclusiveness of infrastructure and service delivery; and CPS priority area 3: Improving environmental sustainability and climate change response | | | |
| Urban climate and disaster resilience promoted, and urban infrastructure and urban services improved | Urban policy, institutional and capacity development Urban water supply and sanitation Urban solid waste management Urban flood protection | Amount: \$835 million (regular OCR) \$7 million (cofinancing) Share of COBP envelope: 26.1% | No changes |
| 3. Agriculture, Natural Resources, and Rural Development. CPS priority area 3: Improving environmental sustainability and climate change response | | | |
| Irrigation command areas served by water-efficient irrigation infrastructure and technology increased Income-earning opportunities for rural workers improved | Rural flood protection Irrigation Agri-industry, marketing, and trade | Amount: \$620.0 million (regular OCR) and \$101 million (cofinancing) Share of COBP envelope: 19.4% | No changes |

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

^a Out of 11 projects with total amount of \$3,199.7 million, 5 projects with amount of \$774.7 million support CPS pillar 1: Promoting job creation and competitiveness; 6 projects with amount of \$2,485 million support CPS pillar 2: Increasing the inclusiveness of infrastructure and service delivery; and 6 projects with amount of \$2,425.0 million support CPS pillar 3: Improving environmental sustainability and climate change response.

Source: Asian Development Bank estimates.

LIST OF LINKED DOCUMENTS

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

1. Portfolio at a Glance
2. Potential Projects

INDICATIVE ASSISTANCE PIPELINE

Table A3.1: Lending Products, 2020–2022

| Project/Program Name ^a | Sector | Poverty Targeting | Operational Priority ^b | Division | Year of TRTA / PRF | Cost (\$ million) | | | | | | |
|---|--------|-------------------|-----------------------------------|----------|--------------------|-------------------|--------------|-----|--------------|--------------|-------------------------|-------|
| | | | | | | Total | ADB | | | Gov't | Co-finance ^c | |
| | | | | | | | Regular OCR | COL | ADF Grants | | | Total |
| 2020 Firm | | | | | | | | | | | | |
| Climate-Resilient Inclusive Infrastructure for Ethnic Minorities Project ^d (formerly Improved Living standards of Ethnic Minorities) | ANR | TI-G | OP1, OP2, OP3, OP5 | SEER/VRM | 2018 | 200.0 | 140.0 | | 140.0 | 50.0 | 10.0 ^e | |
| Secondary Cities Environment Improvement Project (formerly Urban Climate Change Resilient) | WUS | GI | OP2, OP3, OP4, OP6 | SEUW | 2017 | 260.0 | 175.0 | | 175.0 | 82.0 | 3.0 ^f | |
| Total | | | | | | 460.0 | 315.0 | | 315.0 | 132.0 | 13.0 | |
| 2021 Firm | | | | | | | | | | | | |
| 15D National Highway (Quang Tri Section) Project | TRA | GI | OP1, OP2, OP3, OP7 | SETC | 2019 | 118.4 | 94.7 | | 94.7 | 23.7 | | |
| Climate Smart Horticulture Value Chain Infrastructure Project (formerly Rural Business Commercialization and Competitiveness Enhancement Project) | ANR | TI-G | OP1, OP2, OP3, OP5, | SEER | 2019 | 230.0 | 180.0 | | 180.0 | 24.0 | 26.0 ^g | |
| Ho Chi Minh City Urban Mass Rapid Transit Line 2 Project (formerly Ho Chi Minh Metro Line 2 Project (additional financing)) | TRA | TI-G | OP2, OP3, OP4, OP6 | SETC | 2019 | 2,249.0 | 1,000.0 | | 1,000.0 | 504.0 | 745.0 ^h | |
| Ho Chi Minh City Climate-Resilient Urban Services Project | WUS | GI | OP2, OP3, OP4, OP6 | SEUW | 2016 | 395.0 | 360.0 | | 360.0 | 33.0 | 2.0 ⁱ | |

| Project/Program Name ^a | Sector | Poverty Targeting | Operational Priority ^b | Division | Year of TRTA / PRF | Cost (\$ million) | | | | | Co-finance ^c | |
|---|--------|-------------------|-----------------------------------|------------|--------------------|-------------------|----------------|-----|------------|----------------|-------------------------|--------------------|
| | | | | | | ADB | | | | | | |
| | | | | | | Total | Regular OCR | COL | ADF Grants | Total | | Gov't |
| Climate Adaptation through Irrigation Modernization Sector Project | ANR | GI | OP1, OP2, OP3, OP5, | SEER | 2019 | 155.0 | 100.0 | | | 100.0 | 30.0 | 25.0 ^c |
| Total | | | | | | 3,147.4 | 1,734.7 | | | 1,734.7 | 614.7 | 798.0 |
| 2022 Firm | | | | | | | | | | | | |
| Ho Chi Minh City Third Ring Road (Ben Luc-NH22) | TRA | GI | OP3, OP4 | OPPP/ SETC | 2019 | 416.0 | 200.0 | | | 200.0 | 210.0 | 6.0 ^k |
| Ha Noi Metro Rail Extension (Line No.3: Ha Noi Railway Station to Hoang Mai Section) ^j | TRA | TI-G | OP2, OP3, OP4, OP6 | SETC | 2019 | 1,150.0 | 450.0 | | | 450.0 | 150.0 | 550.0 ^l |
| Climate Adaptive Integrated Flood Risk Management Project | ANR | | OP1, OP2, OP3, OP4, | SEER | 2018 | 275.0 | 200.0 | | | 200.0 | 35.0 | 40.0 ^l |
| Second Ho Chi Minh City Climate-Resilient Urban Services Project | WUS | GI | OP2, OP3, OP4, OP6 | SEUW | 2019 | 350.0 | 300.0 | | | 300.0 | 48.0 | 2.0 ^l |
| Total | | | | | | 2,191.0 | 1,150.0 | | | 1,150.0 | 443.0 | 598.0 |

ADB = Asian Development Bank; ADF = Asian Development Fund; ANR = agriculture, natural resources, and rural development; COL = concessional ordinary capital resources lending; 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; OP4 = making cities more livable; OP5 = promoting rural development and food security; OP6 = strengthening governance and institutional capacity; OP7 = fostering regional cooperation and integration; OPPP = Office of Private and Public Partnership; PRF = project readiness financing; SEER = Environment, Natural Resources and Agriculture Division, Southeast Asia Department; SETC = Transport and Communications Division, Southeast Asia Department; SEUW = Urban Development and Water Division, Southeast Asia Department; TI-G = targeted intervention—geographic dimensions of inclusive growth; TRA = transport; TRTA = transaction technical assistance; VRM = Viet Nam Resident Mission, Southeast Asia Department; WUS = water supply and other urban infrastructure and services.

^a Given the provisional nature of the indicative lending program, the composition of lending instruments in the actual loan delivery may change.

^b Out of 11 projects with total amount of \$3,199.7 million, 5 projects with amount of \$714.7 million support OP1, 10 projects with amount \$2,999.7 million support OP2, 11 projects with amount of \$3,199.7 million support OP3, 7 projects with amount of \$2,685.0 million support OP4, 3 projects with amount of \$420.0 million support OP5, 5 projects with amount of \$2,285.0 million support OP6, and 1 project with amount of \$94.7 million supports OP7.

^c Financing partnership opportunities will be further explored with bilateral and multilateral development partners, trust funds, or other partners during project preparation.

^d After the approval of the project proposal in July 2019, in August 2019 the government requested to include Quang Tri province in the project, which could increase the budget from \$140 million to \$170 million. ADB is accessing the feasibility of including Quang Tri.

^e High-Level Technology Fund and Asia Pacific Climate Finance Fund.

^f Global Environment Fund.

^g Japan Fund for Poverty Reduction, High-Level Technology Fund, and Green Climate Fund.

^h Possible cofinanciers include the Agence Francaise de Développement (French Development Agency), the European Investment Bank, German development cooperation through KfW, and the World Bank.

ⁱ High-Level Technology Fund.

^j The Hanoi People's Committee has requested ADB to consider increasing the project budget. ADB is willing to increase its financing up to the full amount of \$1.5 billion, if required. The budget is being updated and will be revised at the next country programming mission in 2020.

^k Aus4 Transport, Department of Foreign Affairs and Trade, Government of Australia.

^l To be determined. Possible cofinanciers include the Agence Francaise de Développement (French Development Agency), the European Investment Bank, German development cooperation through KfW, and the World Bank.

Source: Asian Development Bank estimates.

Table A3.2: Nonlending Products and Services, 2020–2022
(regional transaction technical assistance facilities and regional technical assistance projects covering Viet Nam)

| Assistance Name | Sector | Division | Assistance Type | Sources of Funding | | | | Total (\$'000) |
|---|--------|----------|-----------------|--------------------|-----------------|--------|-----------------|-----------------|
| | | | | ADB | | Others | | |
| | | | | Source | Amount (\$'000) | Source | Amount (\$'000) | |
| 2020 | | | | | | | | |
| Southeast Asia Energy Sector Development, Investment Planning and Capacity Building Facility (additional financing) | ENE | SEEN | TRTA | TASF | 2,000.0 | | | 2,000.0 |
| Southeast Asia Agriculture, Natural Resources, and Rural Development Facility (Phase 2) | ANR | SEER | TRTA | TASF | 2,000.0 | TBD | 2,000.0 | 4,000.0 |
| Strengthening Procurement and Portfolio Management in Southeast Asia | PSM | SEOD | KSTA | TASF | 1,500.0 | | | 1,500.0 |
| Strengthening Safeguards Management in Southeast Asia (additional financing) | | SEOD | KSTA | TASF | 3,000.0 | | | 3,000.0 |
| Innovative Finance Solutions and Knowledge Support in Southeast Asia | FIN | SEOD | KSTA | TASF | 3,500.0 | | | 3,500.0 |
| Southeast Asia Public Management, Finance Sector, and Trade Policy Facility (additional financing) | FIN | SEPF | TRTA | TASF | 3,500.0 | | | 3,500.0 |
| Sustaining the Gains of Regional Cooperation in the Greater Mekong Subregion (additional financing) | | SERC | KSTA | TASF | 1,500.0 | RCIF | 500.0 | 2,000.0 |
| Southeast Asia Transport Project Preparatory Facility (Phase 2) (additional financing) | TRA | SETC | TRTA | TASF | 2,000.0 | | | 2,000.0 |
| Southeast Asia Alternative Instruments for Lending Facility | WUS | SEUW | TRTA | TASF | 5,000.0 | TBD | 5,000.0 | 10,000.0 |
| Total | | | | | 24,000.0 | | 7,500.0 | 31,500.0 |
| 2021 | | | | | | | | |
| Southeast Asia Energy Sector Development, Investment Planning and Capacity Building Facility (Phase 2) | ENE | SEEN | TRTA | TASF | 5,000.0 | TBD | 2,000.0 | 7,000.0 |
| Southeast Asia Agriculture, Natural Resources, and Rural Development Facility (Phase 2) (additional financing) | ANR | SEER | TRTA | TASF | 3,000.0 | TBD | 2,000.0 | 5,000.0 |
| Support for Human and Social Development in Southeast Asia (additional financing) | HLT | SEHS | TRTA | TASF | 5,000.0 | | | 5,000.0 |
| Advancing Time Release Studies in Southeast Asia (additional financing) | FIN | SEPF | KSTA | | | JFPR | 1,000.0 | 1,000.0 |

| Assistance Name | Sector | Division | Assistance Type | Sources of Funding | | | | Total (\$'000) |
|---|--------|----------|-----------------|--------------------|-----------------|--------|-----------------|-----------------|
| | | | | ADB | | Others | | |
| | | | | Source | Amount (\$'000) | Source | Amount (\$'000) | |
| Southeast Asia Public Management, Finance Sector, and Trade Policy Facility (Phase 2) | FIN | SEPF | TRTA | TASF | 3,500.0 | | | 3,500.0 |
| Second Knowledge Development Support for Southeast Asia | | SERC | KSTA | TASF | 2,000.0 | | | 2,000.0 |
| Enhancing Effectiveness of Subregional Programs (Phase 2) | | SERC | KSTA | TASF | 2,500.0 | | | 2,500.0 |
| Southeast Asia Urban Services Facility (additional financing) | WUS | SEUW | TRTA | TASF | 5,000.0 | TBD | 5,000.0 | 10,000.0 |
| Total | | | | | 26,000.0 | | 10,000.0 | 36,000.0 |
| 2022 | | | | | | | | |
| Southeast Asia Energy Sector Development, Investment Planning and Capacity Building Facility (Phase 2) (additional financing) | ENE | SEEN | TRTA | TASF | 3,000.0 | | | 3,000.0 |
| Enhancing Gender Equality Results in Southeast Asian Developing Member Countries (Phase 2) (additional financing) | | SEHS | KSTA | TASF | 2,500.0 | | | 2,500.0 |
| Strengthening Procurement and Portfolio Management in Southeast Asia (additional financing) | PSM | SEOD | KSTA | TASF | 1,000.0 | | | 1,000.0 |
| Strengthening Safeguards Management in Southeast Asia (Phase 2) | | SEOD | KSTA | TASF | 3,000.0 | | | 3,000.0 |
| Innovative Finance Solutions and Knowledge Support in Southeast Asia (Phase 2) | FIN | SEOD | KSTA | TASF | 3,000.0 | | | 3,000.0 |
| Southeast Asia Public Management, Financial Sector, and Trade Policy Facility (additional financing) | FIN | SEPF | TRTA | TASF | 3,500.0 | | | 3,500.0 |
| Sustaining the Gains of Regional Cooperation in the Greater Mekong Subregion (additional financing) | RCI | SERC | KSTA | TASF | 1,500.0 | RCIF | 500.0 | 2,000.0 |
| Green and Innovative Finance Initiative for Scaling Up Southeast Asian Infrastructure | FIN | SERC | KSTA | TASF | 2,500.0 | | | 2,500.0 |
| Southeast Asia Alternative Instruments for Lending Facility (additional financing) | WUS | SEUW | TRTA | TASF | 5,000.0 | TBD | 5,000.0 | 10,000.0 |
| Total | | | | | 25,000.0 | | 5,500.0 | 30,500.0 |

ADB = Asian Development Bank; ANR = agriculture, natural resources, and rural development; ENE = energy; FIN = finance; HLT = health; JFPR = Japan Fund for Poverty Reduction; KSTA = knowledge and support technical assistance; PSM = public sector management; RCI = regional cooperation and integration; RCIF = Regional Cooperation and Integration Fund; SEEN = Energy Division, Southeast Asia Department; SEER = Environment, Natural Resources and Agriculture Division, Southeast Asia Department; SEHS = Human and Social Development Division, Southeast Asia Department; SEOD = Office of the Director General, Southeast Asia Department; SEPF = Public Management, Financial Sector, and Trade Division, Southeast Asia Department; SERC = Regional Cooperation and Operations Coordination Division, Southeast Asia Department; SETC = Transport and Communications Division, Southeast Asia Department; SEUW = Urban Development and

Water Division, Southeast Asia Department; TASF = Technical Assistance Special Fund; TBD = to be determined; TRA = transport; TRTA = transaction technical assistance; WUS = water and other urban infrastructure and services.
Source: Asian Development Bank estimates.

Table A3.3: Nonlending Products and Services, 2020–2022
(stand-alone technical assistance)

| Assistance Name | Sector | Division | Assistance Type | Sources of Funding | | | | |
|--|--------|----------|-----------------|--------------------|-----------------|-----------------|-----------------|----------------|
| | | | | ADB | | Others | | Total (\$'000) |
| | | | | Source | Amount (\$'000) | Source | Amount (\$'000) | |
| 2020 | | | | | | | | |
| Strategic Engagement with the Government of Viet Nam | PSM | VRM | KSTA | TASF | 1,000.0 | | | 1,000.0 |
| Livelihoods Improvement for Ethnic Minority People in Viet Nam | | VRM | KSTA | | | TBD | 1,000.0 | 1,000.0 |
| Commercialization of State-Owned Enterprises | PSM | VRM | TRTA | TASF | 400.0 | SDCC Governance | 100.0 | 500.0 |
| Bank for Investment and Development of Viet Nam: Mainstreaming Small and Medium-Size Enterprises | PSM | PSFI/VRM | TRTA | TASF | 750.0 | SCFP and SDCC | 250.0 | 1,000.0 |
| Total | | | | | 2,150.0 | | 1,350.0 | 3,500.0 |
| 2021 | | | | | | | | |
| Climate Adaptation through the Irrigation Modernization Sector Project (attached technical assistance) | ANR | SEER | KSTA | | | JFPR | 2,000.0 | 2,000.0 |
| Total | | | | | | | | 2,000.0 |

ADB = Asian Development Bank; ANR = agriculture and natural resources; JFPR = Japan Fund for Poverty Reduction; KSTA = knowledge and support technical assistance; PSM = public sector management; PSFI = private sector financial institution; SCFP = supply chain financing program; SDCC = Sustainable Development and Climate Change Department; SEER = Environment, Natural Resources and Agriculture Division, Southeast Asia Department; TASF = Technical Assistance Special Fund; TBD = to be determined; TRTA = transaction technical assistance; VRM = Viet Nam Resident Mission, Southeast Asia Department.
Source: Asian Development Bank estimates.

ASSISTANCE PROGRAM FOR CURRENT YEAR

Table A4.1: Lending Products, 2019

| Project/Program Name | Sector | Poverty Targeting | Priority Area | Division | Year of TRTA/ PRF | Cost (\$ million) | | | | | Co-finance | |
|--|---------|-------------------|------------------------------|----------|-------------------|-------------------|-------------|--------------|-------------|--------------|--------------|------------------|
| | | | | | | Total | ADB | | | Gov't | | |
| | | | | | | | Regular OCR | COL | ADF Grants | | | Total |
| Firm | | | | | | | | | | | | |
| Local Health Care For Disadvantaged Areas Sector Development Program ^a | HLT | TI-M | OP1, OP2, OP6, OP7 | SEHS | n/a | 102.2 | | 88.6 | 12.0 | 100.6 | 1.6 | |
| Northern Mountain Provinces Transport Connectivity Project ^a | TRA | GI | OP1, OP2, OP3, OP5, OP7 | SETC | 2016 | 245.1 | | 188.4 | | 188.4 | 52.2 | 4.5 ^c |
| Second Health Human Resources Development Project ^b | HLT | TI-M | OP2, OP6 | SEHS | 2015 | 98.8 | | 80.0 | | 80.0 | 15.8 | 3.0 ^d |
| Second Greater Mekong Subregion Tourism Infrastructure for Inclusive Growth Project ^a | TRA/WUS | GI | OP1, OP2, OP3, OP4, OP6, OP7 | LRM | 2016 | 56.7 | | 45.0 | | 45.0 | 11.7 | |
| Skills and Knowledge for Inclusive Economic Growth Project ^b | EDU | GI | OP1, OP2 | SEHS | 2015 | 98.2 | | 75.0 | | 75.0 | 20.2 | 3.0 ^d |
| Finance Sector Development and Inclusion Program, Subprogram 1 (policy-based loan) ^a | FIN | GI | OP1, OP2, OP6 | SEPF | 2016 | 100.0 | | 100.0 | | 100.0 | | |
| Total | | | | | | 701.0 | | 577.0 | 12.0 | 589.0 | 101.5 | 10.5 |

ADB = Asian Development Bank; ADF = Asian Development Fund; ANR = agriculture, natural resources, and rural development; COL = concessional ordinary capital resources lending; EDU = education; FIN = finance; GI = general intervention; Gov't = government; HLT = health; LRM = Lao Resident Mission, Southeast Asia Department; 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; OP7 = fostering regional cooperation and integration; PRF = project readiness financing; SEER = Environment, Natural Resources and Agriculture Division, Southeast Asia Department; SEHS = Human and Social Development Division, Southeast Asia Department; SEPF = Public Management, Financial Sector and Trade Division, Southeast Asia Department; SETC = Transport and Communications Division, Southeast Asia Department; TI-M = targeted intervention—Millennium Development Goals; TRA = transport; TRTA = transaction technical assistance; WUS = water supply and other urban infrastructure and services.

^a Projects approved in 2018 and signed in 2019. Funding is from concessional resource allocation before reclassification of Viet Nam from group B to group C, carried over to 2019.

^b Projects approved in 2018 and have not been signed yet. Funding is from concessional resource allocation before reclassification of Viet Nam from group B to group C, carried over to 2019. Given the provisional nature of the indicative lending program, the composition of lending instruments in the actual loan delivery may change.

^c Aus4 Transport, Department of Foreign Affairs and Trade, Government of Australia.

^d Japan Fund for Poverty Reduction.

Source: Asian Development Bank estimates.

Table A4.2: Nonlending Products and Services, 2019
(regional transaction technical assistance facilities and regional technical assistance projects covering Viet Nam)

| Assistance Name | Sector | Division | Assistance Type | Sources of Funding | | | | |
|--|--------|----------|-----------------|--------------------|-----------------|---|-----------------|-----------------------|
| | | | | ADB | | Others | | Total (\$'000) |
| | | | | Source | Amount (\$'000) | Source | Amount (\$'000) | |
| TA 9600: Southeast Asia Energy Sector Development: Investment Planning and Capacity Building Facility (supplementary) | ENE | SEEN | TRTA | TASF | 2,700.0 | CEFPF | 1,350.0 | 4,050.0 |
| Greater Mekong Subregion Sustainable Agriculture and Food Security Program | ANR | SEER | KSTA | TASF | 1,500.0 | | 6,500.0 | 8,000.0 |
| Greater Mekong Subregion Climate Change and Environmental Sustainability Program | ANR | SEER | KSTA | TASF | 1,500.0 | | 6,500.0 | 8,000.0 |
| TA 9681: Southeast Asia Agriculture, Natural Resources, and Rural Development Facility (additional financing) | ANR | SEER | TRTA | TASF | 2,400.0 | WFPF (\$950,000) AFD (\$300,000) DFAT (\$600,000) | 1,850.0 | 4,250.0 |
| Support for Human and Social Development in Southeast Asia | HLT | SEHS | TRTA | TASF | 3,000.0 | | | 3,000.0 |
| Enhancing Gender Equality Results in Southeast Asian Developing Member Countries (Phase 2) | | SEHS | KSTA | TASF | 1,500.0 | | | 1,500.0 |
| Southeast Asia Public Management, Finance Sector, and Trade Policy Facility | FIN | SEPF | TRTA | TASF | 3,000.0 | | | 3,000.0 |
| Promoting an Interconnected, Inclusive, and Resilient ASEAN Capital Market | FIN | SEPF | KSTA | | | ICFF | 1,500.0 | 1,500.0 |
| TA 8977: Knowledge Development Support for Southeast Asia (supplementary) | | SERC | KSTA | TASF | 1,500.0 | | | 1,500.0 |
| TA 9621: Green and Innovative Finance Initiative for Scaling Up Southeast Asian Infrastructure (supplementary) | FIN | SERC | KSTA | TASF | 1,300.0 | FSDPSF/eAKPF | 1,000.0 | 2,300.0 |
| Preparing Transport Sector Projects in Southeast Asia (Phase 2) | TRA | SETC | TRTA | TASF | 3,000.0 | | | 3,000.0 |
| Connecting the Railways of the Greater Mekong Subregion (Phase 2) | TRA | SETC | TRTA | | | PRCF | 500.0 | 500.0 |
| TA 9554: Southeast Asia Urban Services Facility (supplementary) | WUS | SEUW | TRTA | | | AASCTF | 10,000.0 | 10,000.0 ^a |
| TA 9572: Enhancing the Effectiveness of Subregional Programs to Advance Regional Cooperation and Integration in Southeast Asia | RCI | SERC | KSTA | | | PRCF | 700.0 | 700.0 |
| Total | | | | | 21,400.0 | | 29,900.0 | 51,300.0 |

AASCTF = ASEAN Australia Smart Cities Trust Fund; ADB = Asian Development Bank; ANR = agriculture, natural resources, and rural development; AFD = Agence Francaise de Développement (French Development Agency); ASEAN = Association of Southeast Asian Nations; CEFPF = Clean Energy Financing Partnership Facility; DFAT = Department of Foreign Affairs and Trade (Government of Australia); eAKPF = e Asia and Knowledge Partnership Fund; ENE = energy; FIN =

finance; FSDPSF = Financial Sector Development Partnership Special Fund; HLT = health; ICFF = Investment Climate Facility Fund; KSTA = knowledge and support technical assistance; PSM = public sector management; PRCF = People's Republic of China Fund; RCI = regional cooperation and integration; RCIF = Regional Cooperation and Integration Fund; SEEN = Energy Division, Southeast Asia Department; SEER = Environment, Natural Resources and Agriculture Division, Southeast Asia Department; SEHS = Human and Social Development Division, Southeast Asia Department; SEPF = Public Management, Financial Sector, and Trade Division, Southeast Asia Department; SERC = Regional Cooperation and Operations Coordination Division, Southeast Asia Department; SETC = Transport and Communications Division, Southeast Asia Department; SEUW = Urban Development and Water Division, Southeast Asia Department; TA = technical assistance; TASF = Technical Assistance Special Fund; TBD = to be determined; TRA = transport; TRTA = transaction technical assistance; WFPF = Water Financing Partnership Facility; WUS = water and other urban infrastructure and services.

^a Funds will support ASEAN countries. About \$1 million may be allocated for Viet Nam.

Source: Asian Development Bank estimates.

Table A4.3: Nonlending Products and Services, 2019
(stand-alone technical assistance)

| Assistance Name | Sector | Division | Assistance Type | Sources of Funding | | | | |
|--|--------|----------|-----------------|--------------------|-----------------|-----------------------|-----------------|-----------------|
| | | | | ADB | | Others | | Total (\$'000) |
| | | | | Source | Amount (\$'000) | Source | Amount (\$'000) | |
| 2019 | | | | | | | | |
| Mainstreaming Climate Resilience and Environmental Protection for Secondary Green Cities Development | WUS | VRM | TRTA | | | UCCRTF, GEF-SCCF; GEF | 12,820.0 | 12,820.0 |
| Financial Sector Development and Inclusion Program (additional financing) | FIN | SEPF | KSTA | | | DFAT | 1,100.0 | 1,100.0 |
| Total | | | | | | | 13,920.0 | 13,920.0 |

ADB = Asian Development Bank; DFAT = Department of Foreign Affairs and Trade (Government of Australia); FIN = finance; GEF = Global Environment Facility; KSTA = knowledge and support technical assistance; SCCF = Special Climate Change Fund; SEPF = Public Management, Financial Sector, and Trade Division, Southeast Asia Department; TRTA = transaction technical assistance; UCCRTF = Urban Climate Change Resilient Trust Fund, VRM = Viet Nam Resident Mission, Southeast Asia Department; WUS = water and other urban infrastructure and services.
Source: Asian Development Bank.

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 | Funding Source |
|---|--------------------------------|-------------|--|------------------------------------|
| Microfinance Institutions Wholesale Financing Study | Finance | Publication | SERD | TA 9101 |
| Market Opportunity for Domestic Credit Rating Agency | Economics, finance | Publication | SERD | TA 9101 |
| Transport Sector Assessment | Transport | Publication | SERD | None |
| Measuring, Reporting, and Verification Systems and Guidelines for Clean Technology Fund Projects | Transport, energy | Publication | SERD | TA 9055 |
| Asian Integration (edited volume) | Economics, finance, transport | Publication | ERCD | TA 9763 |
| Determinants, Macrofinancial Implications, and Resolution of Nonperforming Loans in Asia and Europe (edited volume) | Economics, finance, transport | Publication | ERCD | TA 9497 |
| Greater Mekong Subregion Strategy 2030 | Regional cooperation | Publication | SERD | RETA 9416 |
| Complementary Regional Growth in the Greater Mekong Subregion | Regional cooperation | Publication | SERD | RETA 8977 |
| Asian Water Development Outlook 2020 | Regional cooperation | Publication | SDCC | TA 6498 |
| Update for Viet Nam of the Public–Private Partnership Monitor | Private sector | Publication | OPPP | RETA 6492 |
| Pilot Analysis of Financing and Growth of Technology Start-ups in Asia | Economics, private sector, ICT | Publication | ERCD | Administrative core budget (staff) |
| Seminar on Pilot Analysis of Financing and Growth of Technology Start-ups in Asia | Economics, private sector, ICT | Event | ERCD | Administrative core budget (staff) |
| Total number of publications = 11 | | | | |
| Total number of events = 1 | | | | |

ERCD = Economic Research and Regional Corporation Department, ICT = information and communication technology, OPPP = Office of Public–Private Partnership, RETA = regional technical assistance, SDCC = Sustainable Development and Climate Change Department, SERD = Southeast Asia Department, TA = technical assistance.

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

Source: Asian Development Bank.

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

| Title of Publication or Event | Subject | Type | Department or Sector Group or Thematic Group | Funding Source |
|---|---------------------------------------|-------------|---|---------------------------|
| Rebuilding Lives: A Case Study of an Income Restoration Program in Northern Viet Nam | Poverty | Publication | SERD | Staff consultancy |
| Technical Education and Training in Viet Nam: An assessment | Education | Publication | SERD | TA. 8813 |
| Viet Nam Secondary Education Sector Assessment, Strategy, and Road Map | Education | Publication | SERD | TA. 8813 |
| Assessment of Vulnerability to Climate Change and Adaptation Options in the Health Sector in Cambodia, the Lao People's Democratic Republic, and Viet Nam | Health | Publication | SERD | TA. 8898 |
| Gender Assessment of the Technical and Vocational Education and Training Sector and School-to-Work Transition in Viet Nam | Education, gender | Publication | SERD | TA. 8991 |
| Action Plan for Logistics Development of Central Coastal Region of Viet Nam | Economics, industry and trade | Publication | SERD | TA. 8977 |
| Gender-Responsive Budgeting in Viet Nam: Gender Equality in the Transport Sector | Governance/transport | Publication | SERD | TA 9272 |
| Stocktaking of Viet Nam and ADB Partnership Over the Past Decades ^a | Economics, Industry and trade | Publication | SERD | Staff consultancy |
| Asian Economic Integration Report 2019/2020: Demographic Changes, Productivity, and Role of Technology | Economics, Industry and trade | Publication | ERCD | TA 9657 |
| Asia–Pacific Social Protection Week | Social development, social protection | Event | SDCC | TA 9111, TA 9341, TA 9534 |
| The Social Protection Indicator for Asia: Assessing Progress | Social protection | Publication | SDCC | TA 9534 |
| Nature-Based Solutions for Cities in Viet Nam: Water Sensitive Urban Design | Urban development, and water | Publication | SERD | TA 9205 |
| Total number of publications = 11 | | | | |
| Total number of events = 1 | | | | |

ADB = Asian Development Bank, ERCD = Economic Research and Regional Corporation Department, SDCC = Sustainable Development and Climate Change Department, SERD = Southeast Asia Department, TA = technical assistance.

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

^a Central Economic Commission of Viet Nam requested ADB to assist in preparing the stocktaking of Viet Nam and ADB partnership to draw lessons and good practices

Source: Asian Development Bank.

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

| Item | Nature | Project Number | Sector or Theme | Division |
|---|---------------|-----------------------|------------------------|-------------------|
| Leveraging fintech to credit rate micro, small, and medium-sized enterprises | PLT | 52214 | FIN | PSOD / VRM |
| Study on electrical vehicles | TCH | 9420 | TRA | SDCC/ SERD |
| Use of remote sensing to detect damage to existing buildings under metro construction | TCH | 40080 | TRA | VRM / SETC |
| Climate risk financing pilot in Hue city | PLT | 47274-004 | WUS | SDSC-FIN / VRM |
| Climate-Resilient Inclusive Infrastructure for Ethnic Minorities Project | PLT | 49026 | ANR | SEER/VRM |
| Irrigation modernization with pressurized pipe systems for water efficiency improvement | PLT | 49404-002 | ANR | SEER |
| Pilot Smart Lighting Project in Hoi An | PLT | 52096-001 | ENE | SEEN |

Total number of innovation, advanced technology, and pilot initiatives = 7

ANR = agriculture and natural resources; ENE = energy; FIN = finance; PLT = pilot initiative; PSOD = Private Sector Operations Department; SDCC = Sustainable Development and Climate Change Department; SDSC-Fin = Sector Advisory Service Cluster – Finance, Sustainable Development and Climate Change Department; SEEN = Energy Division, Southeast Asia Department; SEER = Environment, Natural Resources and Agriculture Division, Southeast Asia Department; SERD = Southeast Asia Department; SETC = Transport and Communications Division, Southeast Asia Department; TCH = advanced technology; TRA = transport; VRM = Viet Nam Resident Mission, Southeast Asia Department; WUS = water and other urban infrastructure and services.

Source: Asian Development Bank.