REPUBLIC OF KOREA E-ASIA AND KNOWLEDGE PARTNERSHIP FUND ANNUAL REPORT 2020

**REPUBLIC OF KOREA
E-ASIA AND KNOWLEDGE
PARTNERSHIP FUND
ANNUAL REPORT 2020**

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On the cover: The Republic of Korea e-Asia and Knowledge Partnership Fund aims to reduce poverty and foster economic and social development.

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ABBREVIATIONS

ABMI	Asian Bond Markets Initiative
ADB	Asian Development Bank
APPePN	Asia Pacific Public Electronic Procurement Network ASEAN Association of Southeast Asian Nations
ASEAN+3	ASEAN plus Japan, the People's Republic of China, and the Republic of Korea
B-I-G Program	BIMP-EAGA, IMT-GT, and GMS Capacity Building Program for Connectivity
BIMP-EAGA	Brunei Darussalam–Indonesia–Malaysia–Philippines East ASEAN Growth Area
CAREC	Central Asia Regional Economic Cooperation
CDIA	Cities Development Initiative for Asia
COVID-19	coronavirus disease
CSIF	Cross-Border Settlement Infrastructure Forum
DMC	developing member country
EAKPF	Republic of Korea e-Asia and Knowledge Partnership Fund
e-GP	electronic government procurement
GMS	Greater Mekong Subregion
ICT	information and communication technology
IMT-GT	Indonesia–Malaysia–Thailand Growth Triangle
ITS	intelligent transport system
SDCC	Sustainable Development and Climate Change Department
TA	technical assistance

EXECUTIVE SUMMARY

Since its establishment in 2006, the Republic of Korea e-Asia and Knowledge Partnership Fund (EAKPF) has supported various regional and country-specific initiatives toward poverty reduction and development in Asian Development Bank (ADB) developing member countries (DMCs).

The EAKPF Annual Report 2020 is the 14th such report and comprises the EAKPF's background, operations, activities, featured projects, and way forward. It also includes a special section on the response to the coronavirus disease (COVID-19) pandemic.

The total approvals by the Government of the Republic of Korea of 27 projects in 2020 amounted to \$19.50 million, the highest since the fund's inception. Of these approvals, 21 were for knowledge and support technical assistance, 5 for transaction technical assistance, and 1 for an investment in a trust fund.

The EAKPF implemented various activities in 2020 for the efficient and effective operations of the fund: it produced visibility materials, including two impact story videos and brochures featuring successful

projects and operations statistics; it developed the EAKPF logo and visibility guidelines; and it produced the Annual Report 2019 as a print publication for the first time.

In addition, project progress monitoring was strengthened through semiannual collection of progress reports. As a strategic approach, the EAKPF supports the Cities Development Initiative for Asia (CDIA) through a letter of intent signed with the Government of the Republic of Korea in December 2020.

Cumulative EAKPF approvals from 2006 to 2020 amounted to \$90.58 million for 167 projects. Of these, 86 projects have been completed and financially closed and 78 have submitted completion reports.

Of all the projects, 85% have been rated either *highly successful* or *successful*.

In line with ADB's efforts for a timely response to the COVID-19 pandemic, the EAKPF, in 2020, supported five ADB projects amounting to \$4.25 million to help address the effects of the pandemic.

The EAKPF remains one of ADB's most supportive partners. During 2020, the EAKPF undertook activities to increase awareness of the fund, improve the efficiency of project monitoring and donor visibility, and seek various collaborations through strategic partnerships.

Songdo, Republic of Korea

AT A GLANCE

In 2006, the Republic of Korea established the Republic of Korea e-Asia and Knowledge Partnership Fund (EAKPF) to contribute to poverty reduction in Asia and the Pacific by improving access to information and communication technology (ICT) and facilitating knowledge sharing and partnerships.

(\$ million)

Republic of Korea e-Asia and Knowledge Partnership Fund Approvals (2006-2020)

BY REGION

BY SECTOR

Wide-Ranging Support

Through technical assistance operations, grant-financed activities, and components of investment projects, the EAKPF since 2006 has contributed to supporting project readiness, policy reforms, institutional capacity, and effective governance; and creating opportunities for partnerships and knowledge exchange activities, in particular, by promoting the utilization of advanced technologies, including ICT, across sectors.

BACKGROUND

OVERVIEW

The Republic of Korea e-Asia and Knowledge Partnership Fund (EAKPF) was established in June 2006 as a single-donor trust fund administered by the Asian Development Bank (ADB) to contribute to poverty reduction in Asia and the Pacific by improving access to information and communication technology (ICT) and paving the way for knowledge sharing and partnerships.

The EAKPF Annual Report 2020 is the 14th annual report since the fund's inception and covers the period from 1 January to 31 December 2020. The Annual Report 2020 comprises the EAKPF's background, operations, activities, featured projects, and future initiatives. It also presents a special section on the EAKPF's response to the coronavirus disease (COVID-19) pandemic.

OBJECTIVES

The fund aims to support economic and social development in ADB's developing member countries (DMCs) through strengthening capacities using advanced technologies, including ICT, and sharing developmental knowledge and experience.

SCOPE AND ACTIVITIES

The EAKPF provides financing to technical assistance (TA) operations, grant-financed activities, components of investment projects, and any other activities that may be agreed upon by the Government of the Republic of Korea and ADB.

Since 2006, the fund has supported project readiness, policy reforms, institutional capacity building, analytical research, and knowledge exchange activities by promoting utilization of advanced technologies, including ICT.

Priority sectors of the fund are determined through consultations between the Government of the

Daily life amid COVID-19 lockdown in Nepal. The Republic of Korea e-Asia and Knowledge Partnership Fund (EAKPF) was established to contribute to reduce poverty in the Asia and Pacific region.

Republic of Korea and ADB. The fund prioritizes (i) transaction TA that prepares, enhances readiness, develops capacity, and/or provides policy advice for ADB-financed projects; (ii) projects that utilize human resources, expertise, capital, and technologies in the Republic of Korea, or have potential to be carried out in collaboration with the country's Economic Development Cooperation Fund and its Knowledge Sharing Program; and (iii) projects with potential to raise the Republic of Korea's visibility.

The fund sets its ceiling amount for funding at \$500,000 per project. However, exceptions may be considered in cases where projects are in priority areas and sectors, and where there is the possibility of utilizing expertise and technologies of the Republic of Korea and increasing the visibility of the EAKPF or the country itself.

The EAKPF supports the seven operational priorities of ADB's Strategy 2030 by promoting the use of advanced technologies, including ICT; organizing policy consultations and dissemination of results; enhancing capacities; and developing institutions.¹

¹ ADB. 2018. *Strategy 2030: Achieving a Prosperous, Inclusive, Resilient, and Sustainable Asia and the Pacific*. Manila.

ELIGIBILITY

All ADB DMCs are eligible to receive funding from the EAKPF either through country-specific or regional initiatives.

To be eligible, proposals for funding (i) should be conceptually, programmatically, and procedurally aligned with the ADB country partnership strategy or the regional cooperation strategy; (ii) should be discussed with key country stakeholders; (iii) shall use expertise from the Asia and Pacific region to the extent possible, particularly expertise and knowledge from the Republic of Korea; (iv) will encourage contributions, either in kind or in cash, from DMCs that will benefit from activities financed under the fund; (v) will be encouraged to collaborate with international development partners; and/or (vi) may provide cofinancing opportunities with the Republic of Korea and its other funding agencies, if the funding will be used for preparing investment projects.

PROCESSING OF FUNDING PROPOSALS

ADB's Sustainable Development and Climate Change Department (SDCC) is responsible for the technical, financial, and implementation aspects of the EAKPF.

Prior consultation with the SDCC is an important first step in the funding application process. Following consultations, fund applications are submitted online through the EAKPF project application and monitoring portal. Review of funding proposals by the SDCC takes 15–20 days after which proposals are submitted to the Government of the Republic of Korea for evaluation. Government approval is typically made within 45 days from submission of the batch application.

Funding applications are processed quarterly by batch, with batches opening in January, April, July, and October.

CONTRIBUTIONS OF THE GOVERNMENT OF THE REPUBLIC OF KOREA

Upon its establishment in 2006, the Government of the Republic of Korea made an initial contribution of \$20 million to the EAKPF. Since then, the government has made additional contributions to the EAKPF of \$6.37 million in December 2010, \$6.00 million in October 2011, \$7.85 million in November 2012, \$8.00 million in November 2013, \$8.00 million in November 2014, \$1.20 million in December 2015, \$14.50 million in December 2016, \$15.00 million in November 2017, \$15.00 million in November 2018, \$16.54 million in December 2019, and \$8.47 million in December 2020.

The government has committed a total contribution of \$122.20 million (excluding an investment of \$5.00 million to the ADB Ventures Financing Partnership Facility) to the EAKPF.

COMMITMENTS AND FINANCIAL STATUS

As of 31 December 2020, the Government of the Republic of Korea had approved 167 proposals for EAKPF funding amounting to \$90.58 million. Of the total, \$84.08 million was for 163 TA projects, \$5.00 million was for an investment in a trust fund, and \$1.50 million was for three grants.

Details of the EAKPF's financial position as of the end of 2020 are presented in Appendix 1.

EAKPF Application and Approval Process

ADB = Asian Development Bank, EAKPF = Republic of Korea e-Asia and Knowledge Partnership Fund, GOK = Government of the Republic of Korea.

COVID-19 PANDEMIC: CHALLENGES AND RESPONSES

From the beginning of the COVID-19 outbreak, ADB has provided rapid support to DMCs to help alleviate economic challenges and provide social protection by mobilizing financial assistance.² Aligned with this response, during 2020, the Government of the Republic of Korea through the EAKPF provided support amounting to \$4.25 million to the following five ADB projects that directly respond to the effects of the pandemic:

TA 6711-REG: Digital Entrepreneurship in Asia for Economic Resilience and Post-Pandemic Recovery aims to facilitate knowledge sharing on digital entrepreneurship, which can help economic recovery during the post-COVID-19 pandemic period in developing Asia.

TA 6529-REG: Planning for Economic Recovery of South Asia from COVID-19 will support knowledge activities to assist the preparation of medium-term strategies and policies related to quality education in South Asia DMCs in response to COVID-19.

TA 6602-REG: Supporting Startup Ecosystem in the Central Asia Regional Economic Cooperation Region to Mitigate Impact of COVID-19 and Support Economic Revival will support digital transformation initiatives and startup ecosystem development of Central Asia Regional Economic Cooperation countries to address the challenges brought by the COVID-19 pandemic.

TA 9415-REG: Innovation in Education Sector Development in Asia and the Pacific will help develop a curriculum and establish online education systems to prepare medical schools for infectious diseases such as COVID-19.

TA 9950-REG: Regional Support to Address the Outbreak of Coronavirus Disease 2019 and Potential Outbreaks of Other Communicable Disease aims to enhance multisector capacities of DMCs to detect, prevent, and respond to COVID-19 and other communicable diseases.

Strengthening epidemic prevention in the treatment of wastewater in the People's Republic of China. The EAKPF continues to support efforts in response to the COVID-19 pandemic.

Throughout the COVID-19 pandemic, the EAKPF will continue its support, in line with ADB's response efforts, by leveraging on the Republic of Korea's advanced technologies and knowledge-sharing expertise.

² ADB. 2020. *ADB's Comprehensive Response to the COVID-19 Pandemic: Policy Paper*. Manila.

2020 FUND OPERATIONS

APPROVALS

The Government of the Republic of Korea approved funding applications for 27 projects amounting to \$19.50 million in 2020. This is the highest number and largest amount of approvals since the fund's inception in 2006. Of these projects, 16 have been approved by ADB, while 11 are pending approval.

The EAKPF's 2020 operations include an investment of \$5 million to the ADB Ventures Financing Partnership Facility, contributing to its work in mobilizing private sector financing for early-stage companies with technology-enabled solutions focusing on climate and gender impacts. This marks the EAKPF's foray into a nonsovereign platform multi-donor trust fund. Among the 2020 approvals were 21 knowledge and support technical assistance (KSTA) projects for \$12.10 million and five transaction technical assistance (TRTA) projects for \$2.40 million.

The list of EAKPF approvals by the government for 2020 is in Appendix 2.

GEOGRAPHIC DISTRIBUTION

Of the government approvals in 2020, 16 were for regional initiatives, 2 for projects in India, 2 for Indonesia, 2 for Pakistan, 2 for Uzbekistan, 1 for Armenia, 1 for Kazakhstan, and 1 for Viet Nam.

SECTOR DISTRIBUTION

Of the total approvals, eight were for the infrastructure sector (covering transport, energy, and water and other urban infrastructure and services), seven for the finance sector, four multisector, three for the education sector, three for the ICT sector, one for the health sector, and one for the public sector management sector.

ADB DEPARTMENT DISTRIBUTION

Of the total government approvals, seven were granted to funding applications from the Central and West Asia Department, seven from the SDCC, four from the Economic Research and Regional Cooperation Department, four from the Southeast Asia Department, three from the South Asia Department, one from the Pacific Department, and one from the Private Sector Operations Department.

Floating solar energy in Viet Nam. Projects that promote technology for clean energy is a priority of the EAKPF.

ACTIVITIES IN 2020

To effectively equip the fund to adapt quickly to the increasing needs of the region, the EAKPF undertook activities in 2020 aimed at increasing awareness of the fund, improving efficiency of project monitoring, and seeking various collaborations through strategic partnerships.

The SDCC implemented various communication activities during 2020 to increase EAKPF awareness. Visibility materials in the form of two impact story videos featuring Promoting Smart Drinking Water Management in South Asian Cities (TA 9048-REG) and Teach for the Philippines (TA 8695-PHI), and brochures that highlight successful projects and fund operations were produced. The EAKPF logo, which captures the collaborative nature of the fund, was developed and launched. These awareness-raising materials were showcased at the EAKPF virtual booth at the ADB Annual Meeting in September 2020. In addition, the EAKPF Annual Report 2019 was produced in a publications format, a significant transformation in the fund's reporting.

In September 2020, guidelines were developed to steer project officers to incorporate visibility of the fund and the Republic of Korea in projects funded by the EAKPF. The East Asia Trust Fund Road Show held in July 2020 and the Trust Fund Managers and Coordinators Workshop held in November 2020 served as venues to introduce and promote the EAKPF.

To address the Government of the Republic of Korea's increasing need for effective project monitoring, progress status reporting was changed from annual to semiannual. The project progress status report form was significantly improved using focused sections to enable more effective information collection.

For impactful delivery of results, the EAKPF collaborates with the Cities Development Initiative for Asia (CDIA) to build a stronger and systematic partnership. The collaboration was made official through a letter of intent signed between the Ministry of Economy and Finance of the Republic of Korea and the CDIA in December 2020.³

³ CDIA is a multi-donor trust fund managed by ADB, and it helps secondary cities in Asia and the Pacific prepare bankable infrastructure investments.

ARM = Armenia, IND = India, INO = Indonesia, KAZ = Kazakhstan, PAK = Pakistan, REG = regional, UZB = Uzbekistan, VIE = Viet Nam.

SECTOR DISTRIBUTION

(\$ million)

ADB DEPARTMENT DISTRIBUTION

(\$ million)

ADB = Asian Development Bank, CWRD = Central and West Asia Department, ERCD = Economic Research and Regional Cooperation Department, PARD = Pacific Department, PSOD = Private Sector Operations Department, SARD = South Asia Department, SDCC = Sustainable Development and Climate Change Department, SERD = Southeast Asia Department.

2006–2020 FUND OPERATIONS

APPROVALS

From its establishment in 2006 until the end of 2020, the EAKPF received a total of 205 funding proposals, of which 167 were approved amounting to \$90.58 million. The Government of the Republic of Korea declined 31 applications, while 7 were either canceled or withdrawn by the project team. ADB approved 155 of the government-approved proposals.

Of the approved funding proposals, \$84.08 million supported 163 TA projects, \$5.00 million was for an investment in a trust fund, and \$1.50 million was for three grants.

The list of EAKPF-funded projects during 2006–2020 is in Appendix 3.

PORTFOLIO PERFORMANCE

As of 31 December 2020, the EAKPF supported 70 active projects, with 86 projects completed and financially closed. Of the completed projects, 78 (91%) had submitted completion reports. Based on the completion reports, 25 (32%) projects were rated *highly successful* and 41 (53%) *successful*.

GEOGRAPHIC DISTRIBUTION

Throughout its operations, the EAKPF has largely approved funding proposals for regional initiatives (94). Most country-specific funding approvals have been granted to Mongolia (13), Bangladesh (7), India (7), the Philippines (6), and the People's Republic of China (5). The other EAKPF approvals

were distributed across Armenia, Azerbaijan, Bhutan, Cambodia, Indonesia, Kazakhstan, the Kyrgyz Republic, the Lao People's Democratic Republic, Myanmar, Nepal, Pakistan, Solomon Islands, Tajikistan, Thailand, Uzbekistan, and Viet Nam.

SECTOR DISTRIBUTION

The EAKPF provides funding to projects in a wide variety of sectors. The largest number of EAKPF cumulative approvals has been to infrastructure (43), which includes transport, energy, and water and other urban infrastructure and services. The other EAKPF approvals have been in public sector management (31); finance (27); multisector (23); ICT (14); education (13); health (9); industry and trade (5); and agriculture, natural resources, and rural development (2).

ADB DEPARTMENT DISTRIBUTION

The SDCC received the highest number of cumulative funding approvals (45), followed by the Southeast Asia Department (34), South Asia Department (23), East Asia Department (21), Central and West Asia Department (16), and Pacific Department (6). Various ADB departments received 22 approvals.

BAN = Bangladesh, CAM = Cambodia, DMCs = developing member countries, IND = India, MON = Mongolia, PHI = Philippines, PRC = People's Republic of China, REG = Regional, VIE = Viet Nam.

SECTOR DISTRIBUTION

ADB DEPARTMENT DISTRIBUTION

ADB = Asian Development Bank, CWRD = Central and West Asia Department, EARD = East Asia Department, PARD = Pacific Department, SARD = South Asia Department, SDCC = Sustainable Development and Climate Change Department, SERD = Southeast Asia Department.

FEATURED PROJECTS

Building Capacity for Enhanced Connectivity in Southeast Asia (TA 8836-REG)

The TA project, which covers the Brunei Darussalam–Indonesia–Malaysia–Philippines East ASEAN Growth Area (BIMP-EAGA), the Indonesia–Malaysia–Thailand Growth Triangle (IMT-GT), and the Greater Mekong Subregion (GMS) Economic Cooperation Program,⁴ is also known as the BIMP-EAGA, IMT-GT, and GMS Capacity Building Program for Connectivity (B-I-G Program), a regional capacity development initiative for government officials to share knowledge and experience, network, and learn from each other on regional cooperation and integration, and connectivity.

The TA aims to increase the capacity of government officials in the region to develop and implement projects, programs, and policies in support of the Master Plan on ASEAN Connectivity pillars.

Working alongside institutional partners, including international organizations, governments, universities, and educational institutions, the B-I-G Program has organized 26 trainings and 7 knowledge events attended by almost 1,000 participants. The internet-based information repository and website, which serves as a platform for information dissemination and knowledge exchanges among trainees and partners of the TA, became operational in 2017.

“The ASEAN–Korea Center served as one of the knowledge partners of the B-I-G Program with productive partnerships in organizing three trainings on regional power market and cross-border interconnections held from 2015 to 2017 in Seoul,” stated Gary Krishnan, an ADB senior country specialist. “The experience of [the Republic of] Korea in energy sector development [was] highlighted.”

Rated *highly successful*, the TA project exceeded outcome indicator targets, with the results of a tracer study showing 93% of the respondents were able to apply learnings on concepts and tools in regional cooperation and integration as well as connectivity, strategy development, and skills development in problem-solving and analysis in their work. The B-I-G Program capacity-building activities continue under TA 9572-REG: *Enhancing Effectiveness of Subregional Programs to Advance Regional Cooperation in Southeast Asia*, which is co-funded by the EAKPF.

⁴ The GMS Economic Cooperation Program covers Cambodia, the Lao People’s Democratic Republic, Myanmar, the People’s Republic of China (specifically Yunnan Province and Guangxi Zhuang Autonomous Region), Thailand, and Viet Nam. ADB. 2015. *Greater Mekong Subregion Economic Cooperation Program: Overview*. Manila.

Training programs. Participants discuss economic corridors’ good practices and lessons learned.

Sector:
Transport

Amount:
\$500,000

Countries:
Regional

Source: ADB. 2019. *Technical Assistance Completion Report: Building Capacity for Enhanced Connectivity in Southeast Asia*. Manila.

Asia Pacific Public Electronic Procurement Network (TA 8520-REG)

ADB plays a vital role in facilitating regional cooperation and integration by promoting electronic government procurement (e-GP) solutions based on international best practices as a key component of procurement reforms in DMCs. ADB's involvement in promoting e-GP enhances procurement transparency and provides wider access to information and markets.

The inaugural conference of the Asia Pacific Public Electronic Procurement Network (APPePN) was held in Manila, Philippines in October 2015. The Republic of Korea Public Procurement Service hosted the second APPePN conference in Seoul, Republic of Korea in October 2016. Tbilisi, Georgia and Washington, DC, United States hosted the next two conferences. Two comprehensive surveys of e-GP implementation in ADB DMCs, three regional workshops, multiple e-GP assessments, and knowledge products were delivered under the TA.

Through the TA, the number of DMCs adopting e-GP increased from 12 e-GP systems in 2012 to 22 systems in 2018. An increase in usage of these systems for ADB-financed contracts from \$5.0 billion during 2010–2014 to \$18.9 billion during 2015–2018 was observed. Galiya Ismakova, an ADB principal procurement specialist, said, “The ability of the DMCs to expand and develop more sustainable systems is an indication of their strengthened capacity for e-GP, which, in part, was a result of the TA activities.”

To provide continuing support to procurement reforms and implementation of e-GP in ADB DMCs, the follow-up TA 9680-REG: *Strengthening the Asia Pacific Public Electronic Procurement Network* was approved in June 2019 with funding from ADB and the Republic of Korea, through the country's Public Procurement Service.

The second APPePN conference. Participants gather at the conference held in Seoul, Republic of Korea, in October 2016.

Sector:
Public sector management

Amount:
\$500,000

Countries:
Regional

Source: ADB. 2019. *Technical Assistance Completion Report: Asia Pacific Public Electronic Procurement Network*. Manila.

Creating a Regional Settlement Intermediary in ASEAN+3: Cross-Border Settlement Infrastructure Forum (TA 9197-REG)

The Asian Bond Markets Initiative (ABMI) was launched by ASEAN plus Japan, the People's Republic of China, and the Republic of Korea (ASEAN+3) in 2002 to boost the development of local currency bond markets by channeling regional savings within the region toward long-term investment. ADB has served as the ABMI's secretariat since its inception as part of its strategy to support greater financial, fiscal, and macroeconomic stability in the region.

This TA project, which was solely funded by the EAKPF, supported ABMI's Cross-Border Settlement Infrastructure Forum (CSIF) to create an efficient regional settlement intermediary model linking key market settlement infrastructures in the region. The linkages will support the efficient utilization of local currency bonds as collateral and increase local currency liquidity, eventually contributing to financial stability by reducing risks related to cross-border transactions.

The regional settlement intermediary model's central securities depository-real time gross settlement linkages aim to address the shortage of collateral and facilitate foreign banks' access to local currency liquidity. Through the TA, an agreement was reached for the linkage between the Bank of Japan Financial Network System and the Hong Kong Dollar Clearing House Automated Transfer System. This linkage served as a benchmark for replication in the region.

Among the TA's achievements were the conduct of 10 CSIF meetings and the production of ABMI Task Force 4 and CSIF reports.

"The CSIF could establish itself as the single most influential discussion platform for financial market infrastructure in the region," said Byungwook Ahn, an ADB financial sector specialist.

In line with the ABMI Medium-Term Road Map, 2019–2022, ASEAN+3 urged the ABMI Task Force 4 to continue supporting the CSIF. To support the sustainability of the CSIF's initiatives and expand discussion to stimulate intraregional investment, the follow-up TA 6600-REG: *Promoting Cross-Border Financial Transactions in the ASEAN+3 Region: Support to the Cross-Border Settlement Infrastructure Forum under the Asian Bond Markets Initiative Medium-Term Road Map, 2019–2022* was approved by ADB and funded solely by the EAKPF.

The 17th CSIF meeting. The EAKPF supported the meeting held at ADB headquarters in January 2019.

Sector:
Finance

Amount:
\$500,000

Countries:
Regional

Source: ADB. 2020. *Technical Assistance Completion Report: Creating a Regional Settlement Intermediary in ASEAN+3: Cross-Border Settlement Infrastructure Forum*. Manila.

Intelligent Transport Systems Development for Mongolia (TA 9131-MON)

Ulaanbaatar city's intelligent transport system (ITS) was deployed in 2010 and had not been properly upgraded to match growing travel demand. Prior to the TA, the ITS infrastructure outside the capital of Ulaanbaatar was almost nonexistent, and there was a need for a well-integrated ITS for the Mongolian transport environment to create growth in the transport and ICT sectors.

Fully funded by the EAKPF, the TA project aimed to establish a national ITS policy and an ITS deployment plan for the Government of Mongolia and for the Ministry of Road and Transport Development to effectively integrate ITS deployment activities across modes and institutions suitable for the Mongolian transport sector.

Under the TA, two ITS capacity-building workshops were conducted and a study tour to the Republic of Korea was fielded in 2017 to share ITS experiences and insights into the future development direction of Mongolia's transport and ITS. The study tour included visits to the Korea Expressway Corporation Traffic Center, the Anyang Traffic Information Center, the Transportation Operation and Information Service, the Big Data Campus, the Korea Smart Card Co. Ltd., the Seoul Station Bus Transfer Center, the Cheonggyecheon Museum, the Nanum-Car (a car-sharing service), a Seoul Bike rental station, Seoulo 7017 (an elevated park built atop a former highway overpass), and the Jamsil Metro Bus Transfer Centers. The Korea Transport Institute provided support in TA implementation.

"The TA could not have been implemented as successfully as it was without the EAKPF funding. The sharing of the recent Korean ITS experience both through capacity building seminars in Ulaanbaatar and the study tour for Government of Mongolia officials to Seoul [contributed to the successful TA outcome]," said Anders Pettersson, an ADB principal portfolio management specialist.

Rated *highly successful*, the Ministry of Road and Transport Development adopted the main recommendation of the TA project to create the National Integrated Traffic Information Center, which will integrate transport data from various government sources into a single, overarching national system.

Intelligent transport system. Utilizing the Republic of Korea's ITS experience to help guide the development direction of Mongolia's transport sector.

Sector:
Transport

Amount:
\$500,000

Countries:
Mongolia

Source: ADB. 2019. *Technical Assistance Completion Report: Intelligent Transport Systems Development for Mongolia*. Manila.

WAY FORWARD

Working through the challenges posed by the COVID-19 pandemic, the EAKPF will draw on its strong support from the Government of the Republic of Korea and its improved implementation systems. It will also leverage partnerships to add value to ADB operations in addressing the needs of ADB's DMCs.

To further strengthen its position as one of the leading single-donor trust funds in ADB, under the partnership with the CDIA, the EAKPF will seek various ways of collaboration with partners.

The EAKPF will regularly share updates on priority sectors of the Government of the Republic of Korea to develop a robust EAKPF funding pipeline, and the fund will announce the batch timetable at the beginning of each year to enhance predictability of the funding application schedule.

In continuation of its 2020 activities, the EAKPF will further promote awareness of the fund by conducting frequent consultations with project officers and outreach activities for regional departments. The EAKPF brochure will continue to be updated, and the fund's home page on the ADB website will regularly undergo content and visual improvements to help raise visibility of the fund.

The EAKPF will continue to strengthen project monitoring by improving the progress status report form for better data analytics. Further improvements to the EAKPF online application system are envisioned for ease of use and to upgrade information collection. To reflect these system improvements and fund updates, the EAKPF implementation guidelines will be revised in 2021.

These continuing improvement efforts aim to (i) consolidate the Republic of Korea's position, through the EAKPF, as a significant and cooperative partner of ADB; and (ii) respond to the government's increasing need for effective use of the fund.

Roads in Indonesia. The Republic of Korea, through the EAKPF, is a cooperative partner in development and poverty alleviation in the region.

APPENDIX 1

Republic of Korea e-Asia and Knowledge Partnership Fund Status of Grant

ASIAN DEVELOPMENT BANK
ADMINISTRATOR FOR
Republic of Korea e-Asia and Knowledge Partnership Fund

STATUS OF GRANT
(Expressed in Thousands)
As of: 12/31/2020

CONTRIBUTIONS COMMITTED	122,185
Exchange gain (loss) on contribution received	(261)
NET CONTRIBUTIONS AVAILABLE (a)	121,923
Interest income - investments	4,149
Interest income - cash in bank	219
Gain (loss) on foreign exchange transactions	(1)
TOTAL AMOUNT AVAILABLE	126,290
Amounts utilized for:	
Project expenditures	
Technical Assistance	(45,747)
Grant	(482)
Direct charges	(15)
Contributions to ADBI	(9,150)
ADB service fees	(2,297)
Financial expenses	(10)
Administrative expenses	(825)
UNUTILIZED BALANCE (b)	67,764
Outstanding commitments	
Technical Assistance	(25,086)
Grant	(1,000)
Reserve for ADB service fee (d)	(1,304)
Undisbursed direct charges	(105)
UNCOMMITTED BALANCE (BALANCE less COMMITMENT)	40,269
Approved products but not yet effective (c)	
Technical Assistance	(1,000)
Reserve for ADB service fees (d)	(50)
UNCOMMITTED BALANCE AVAILABLE FOR NEW COMMITMENTS	39,219

continued on next page

Appendix Table *continued*

(b) Unutilized balance is represented by:

Cash in bank	11,057
Investments	56,639
Accrued income on investments	4
Receivable on related funds	0
Advances under TA grants	114
Payable to related funds	(47)
Accrued expenses	(3)
TOTAL	67,764

(a) Net contribution available consists of:

	Partner Country	Partner Name	Transaction Currency (TC)	Amount (TC)	Ledger Currency (LC)	Amount (LC)
Actual Contribution Received	Korea, Republic of	Ministry of Economy and Finance	KRW	44,971,000	USD	39,223
			USD	82,700	USD	82,700
Actual Contribution Received Total (e)						121,923
Contribution to ADBI						(9,150)
GRAND TOTAL						121,923

(c) Approved products but not yet effective are as follows:

Product Type	DMC Description	Product Number	Product Title	Approval Date	Product Amount
Technical Assistance	India	TA6638	Promoting Advanced Biofuels Through High Technology	7-Dec-20	500
	Viet Nam	TA6575	Creditworthiness and Institutional Capacity Enhancement for Binh Duong Water Environment Joint Stock Company	8-Oct-20	500
Technical Assistance Total					1,000
Grand Total					1,000

() = negative, ADB = Asian Development Bank, ADBI = Asian Development Bank Institute, DMC = developing member country, KRW = Korean won, TA = technical assistance, USD = United States dollar.

(d) Represents five percent (5%) and two percent (2%) of project expenditures/outstanding commitments for Technical Assistance and Grants, respectively.

(e) Net of transfer of funds to the ADB Ventures Investment Fund 1 amounting to \$5,000.

0 = less than \$500.

Numbers may not sum precisely due to rounding.

Source: Republic of Korea e-Asia and Knowledge Partnership Fund status of grant prepared by ADB's Controller's Department.

APPENDIX 2

2020 Fund Operations

Establishing a Regional Hub on Domestic Resource Mobilization and International Tax Cooperation

TA 6720-REG

(Regional: Indonesia, Pakistan, Philippines)

Multisector

Amount: \$500,000

To achieve inclusive and sustainable economic growth, developing member countries (DMCs) need to implement programs that will help them mobilize substantial additional financial resources. This technical assistance (TA) will support knowledge sharing and implementation of domestic resource mobilization and international tax cooperation through the establishment of a regional hub where DMCs and development partners can collaborate closely.

The TA will enhance collaboration and knowledge sharing through the following: (i) establishment of a regional hub for domestic resource mobilization and international tax cooperation; (ii) organization and management of strategic conferences and dialogues among DMCs, development partners, and the Asian Development Bank (ADB); (iii) creation of a web portal for the regional hub; and (iv) promotion of digital solutions on domestic resource mobilization and international tax cooperation.

Innovation in Education Sector Development in Asia and the Pacific

TA 9415-REG

(Regional)

Education

Amount: \$750,000

Many DMCs continue to grapple with ways to effectively respond to the coronavirus disease (COVID-19) pandemic. To better prepare health-care professionals to control infectious diseases such as COVID-19 in selected DMCs, the TA will contribute to improving knowledge and capacity of participating medical schools and faculties in the region.

This TA will support the achievement of the following: (i) development of a curriculum for medical schools on infectious disease control, (ii) enhancement of capacities of infectious disease control faculties and infectious disease experts, (iii) development of an education program for medical school students on infectious disease control, (iv) inauguration and operationalization of an online teaching-learning system, and (v) dissemination of a knowledge product about the responses and best practices of medical schools in selected DMCs.

Preparing the Micro, Small, and Medium-Sized Enterprise Financial Access, Inclusivity, and Resilience Project

54424-001-PAK

(Pakistan)

Finance

Amount: **\$500,000**

To restore economic resilience in response to economic decline because of the COVID-19 pandemic and help activities of micro, small, and medium-sized enterprises, ADB designed a project to (i) increase financial services outreach to such enterprises through participating microfinance lenders; (ii) strengthen the liquidity, solvency, and risk management capacity of such enterprises; and (iii) support the government's Youth Entrepreneurship Scheme.

This TA will support the achievement of the following activities: (i) development of a credit guarantee scheme to provide risk sharing for microfinance providers; (ii) enhancement of liquidity in the market by supporting an innovative auction market for microfinance providers; (iii) support for the expansion to microfinance providers of the Youth Entrepreneurship Scheme; (iv) enhancement of policy dialogue and capacity building of microfinance sector regulators; and (v) strengthening of capacity of microfinance providers, including of credit appraisal and risk management systems.

Supporting the Establishment of National Standardized Spatial Data Infrastructure

TA 6724-ARM

(Armenia)

Water and other urban infrastructure and services

Amount: **\$500,000**

Armenia is a landlocked country with upper middle-income country status. It is, therefore, necessary to establish a fundamental national spatial data management system and an integrated multifunctional geoportal. The development of this system with National Spatial Data Infrastructure standards could empower effective land management and lead to enhancement of its e-government capacity.

This TA is designed to support the establishment of the systems through the following: (i) development of national geospatial data standards, (ii) development of a national geoportal for spatial data management and enhancement of government capacity, and (iii) development and migration of standardized custom cartographic layers into the geoportal for one administrative division of Armenia.

Institutional Capacity Support for Modern Utility Management

52045-001-UZB

(Uzbekistan)

Water and other urban infrastructure and services

Amount: **\$400,000**

Tashkent province is one of the largest and most developed industrial regions in Uzbekistan. However, it suffers from limited access to quality water supply and sanitation services. To address these needs, ADB has an ongoing project (to which this TA is linked) to support Tashkent Suv Ta'minoti, a state-owned water utility company, to implement institutional reforms and capacity building in accordance with the Institutional Development Roadmap.

To improve Tashkent Suv Ta'minoti's operational efficiency and effectiveness, the TA outputs will include (i) annual reports tracking the progress and results of Tashkent Suv Ta'minoti's development as indicated in the road map, (ii) annual evaluation of results and recommendations for further improvements, (iii) workshops for institutional development and operational efficiency and effectiveness, and (iv) establishment of peer-to-peer learning programs.

Strengthening Human Resources and Leadership for Education

TA 9725-REG

(Regional: Bangladesh, Cambodia, Philippines, Sri Lanka)

Education

Amount: **\$500,000**

The education sector is integral to human resource development, but many DMCs continue to encounter challenges in teaching and learning outcomes. The TA seeks to enhance education quality through innovative initiatives for the development of teacher and education leadership and through knowledge sharing on lessons learned from the Philippines with other developing countries such as Bangladesh, Cambodia, and Sri Lanka.

This TA will support the following activities: (i) development of digital training and learning modules for public school teachers, (ii) establishment of digital modules for supporting teacher-guardian partnerships for virtual learning, (iii) implementation of rapid evaluation cycles to measure and determine effectiveness of pilot initiatives, and (iv) development of a dedicated online learning platform for teachers and guardians for more extended use.

Supporting Capital Market Development and Reform in Developing Asia (Phase I)

TA 6716-REG

(Regional: Azerbaijan, Mongolia, Uzbekistan)

Finance

Amount: **\$750,000**

Many DMCs need to put in place efficient local capital markets to achieve economic growth and poverty reduction. Drawing on lessons learned from previous ADB projects related to capital market development and domestic resource mobilization experience, this TA will help identify the required key market infrastructure and the legal and regulatory frameworks to build and foster long-term development financing for local governments and corporations.

The TA is designed to strengthen the capacity for local currency bond market development through two outputs: (i) completion of local capital market assessments, and (ii) conduct of knowledge-sharing events on capital market development.

Digital Entrepreneurship in Asia for Economic Resilience and Post-Pandemic Recovery

TA 6711-REG

(Regional)

Multisector

Amount: **\$500,000**

The COVID-19 pandemic has further accelerated digitalization with information and communication technology (ICT) enabling operations to be continued amid social distancing measures and digital entrepreneurship becoming a growing force. This TA is designed to support the development and sharing of knowledge and policy insights on digital entrepreneurship in Asia and the Pacific to nurture and unlock the productivity potential of digital entrepreneurs.

These aims will be achieved through the following: (i) enhancement of updated metrics and public data on digital entrepreneurship, (ii) promotion of innovative research on digital entrepreneurial ecosystems, and (iii) reinforcement of knowledge sharing and capacity building on digital entrepreneurship.

Planning for Economic Recovery of South Asia from COVID-19

TA 6529-REG

(Regional: Bangladesh, Bhutan, India, Nepal, Sri Lanka)

Multisector

Amount: **\$500,000**

DMCs in South Asia need to design their medium-term economic recovery plans from the impact of COVID-19 and adjust long-term development strategies to the changed environment. This TA will assist DMCs to formulate a policy agenda based on extensive analytical studies and supported by reliable data.

The expected activities for this TA are the (i) provision of support for the preparation and/or strengthening of economic recovery plans, and (ii) provision of support to adjust development strategies.

Empowering Developing Member Countries to Use Multispectral Satellite Images and Artificial Intelligence for Land Use and Coastal Planning

TA 6672-REG

(Regional: Cambodia, Timor-Leste, Tonga, Uzbekistan)

Multisector

Amount: **\$500,000**

Satellite technology with artificial intelligence can revolutionize efficient land management for DMCs through the development of a platform to process data and produce models, as well as through capacity building. In response to DMC demand, the TA aims to create solutions using open data from space agencies focusing on processing Earth observation-based images to create sustainable and replicable solutions for decision makers.

This TA is expected to increase the capacity of DMCs to use free and open multispectral satellite data through three activities: (i) operationalization of cloud-based platforms, (ii) support for integration of Earth observation technology solutions into projects, and (iii) improvement of knowledge in adopting Earth observation-based solutions.

Supporting Startup Ecosystem in the Central Asia Regional Economic Cooperation Region to Mitigate Impact of COVID-19 and Support Economic Revival

TA 6602-REG

(Regional: Afghanistan, Azerbaijan, People's Republic of China, Georgia, Kazakhstan, Kyrgyz Republic, Mongolia, Pakistan, Tajikistan, Turkmenistan, Uzbekistan)

Information and communication technology

Amount: \$500,000

DMCs in the Central Asia Regional Economic Cooperation (CAREC) region have different levels of adoption and use of ICT solutions. Though development is disparate, more governments are recognizing the need for digital transformation, especially during the period of recovery from the COVID-19 pandemic. The TA will leverage ongoing bilateral and regional initiatives in ICT and digital technologies to address challenges and support economic growth.

This TA will implement capacity building, policy advice, and research to achieve the following: (i) implementation of CAREC initiatives on digital transformation, and (ii) support for startup ecosystem development for CAREC countries.

Sustainable and Reliable Energy Access Program—Western and Central Java

53220-001-INO

(Indonesia)

Energy

Amount: \$500,000

To support continued economic growth, low-carbon initiatives, and poverty reduction in Indonesia, the government is prioritizing sustainable and reliable electricity supply. The Sustainable and Reliable Energy Access Program in Java, Indonesia is designed to improve access to reliable and renewable energy for the population in the region. This TA is designed to enhance the capacity of Perusahaan Listrik Negara, a state electricity corporation.

The TA will support the capacity-building activities of Perusahaan Listrik Negara staff on (i) power grid system planning and automation, (ii) energy storage system and solar photovoltaic integration to grids, and (iii) electric vehicle charging stations.

Promoting Advanced Biofuels through High Technology

TA 6638-IND

(India)

Energy

Amount: \$500,000

India is facing severe and different forms of pollution, despite the country's potential to commercially produce biofuels derived from the solid waste of its cities and agricultural lands. The National Policy on Biofuels, 2018 outlines plans to create an enabling environment for domestic biofuel deployment.

The TA will improve India's readiness to invest in biofuel development through four outputs: (i) preparation of development schemes for bioethanol demonstration plants, (ii) preparation of development schemes for bio-compressed natural gas demonstration plants, (iii) preparation of development schemes for biodiesel demonstration plants, and (iv) integration of gender mainstreaming design for the biofuel value chain.

Electric Transportation and Charging Infrastructure

TA 6583-INO

(Indonesia)

Energy

Amount: **\$200,000**

In 2019, the President of Indonesia issued a regulation on the Acceleration of Electronic Vehicles for Road Transportation to promote the deployment and production of electric vehicles and establish a domestic electric vehicle manufacturing industry, including batteries and charging stations.

This TA will support the policy action on electronic transport included in the policy matrix for the ADB policy-based loan on Sustainable and Inclusive Energy Program, Subprogram 3. It will focus on developing the road map for the charging infrastructure for electric vehicles in Indonesia by completing a study on charging infrastructure, electricity availability, and tariffs.

Preparing Projects to Enhance Transport Connectivity and Resilience in the Pacific

TA 9968-REG

(Regional: Cook Islands, Fiji)

Transport

Amount: **\$500,000**

Pacific DMCs have made considerable progress in terms of connectivity, but transport challenges remain because of geography, infrastructure, and effects of climate change. These DMCs need assistance to improve transport connectivity and resilience toward becoming sustainable and inclusive economies.

This TA will support project preparation for two projects: (i) the Suva Port Development Project in Fiji, and (ii) the Rarotonga Airport Infrastructure Upgrade Project in Cook Islands. Specifically, support from the Republic of Korea e-Asia and Knowledge Partnership Fund (EAKPF) will be allocated for the detailed engineering designs and project procurement and management of the Rarotonga International Airport.

Building Financial Resilience and Stability to Reinvigorate Growth

TA 6592-REG

(Regional: Bangladesh, Cambodia, Indonesia, Lao People's Democratic Republic, Malaysia, Mongolia, Myanmar, Nepal, Philippines, Sri Lanka, Thailand, Viet Nam)

Finance

Amount: **\$150,000**

The recurring financial volatilities and uncertainties from disease outbreaks are occurring more frequently because of increasing interconnectedness and rapid technology advances. To help countries manage these, it is necessary to strengthen macroeconomic stability and financial resilience, as well as the capacity of policy makers.

The TA is designed to support the Association of Southeast Asian Nations plus Japan, the People's Republic of China, and the Republic of Korea (ASEAN+3) regional mechanisms and capacities of policy makers through the following: (i) development of knowledge products with regional and country-level policy recommendations, (ii) establishment of electronic library and information platforms, and (iii) conduct of knowledge-sharing events for selected DMCs.

Promoting Cross-Border Financial Transactions in the ASEAN+3 Region: Support to Cross-Border Settlement Infrastructure Forum under the Asian Bond Markets Initiative Medium-Term Road Map, 2019–2022

TA 6600-REG

(Regional: Brunei Darussalam, Cambodia, People's Republic of China, Indonesia, Republic of Korea, Lao People's Democratic Republic, Malaysia, Myanmar, Philippines, Singapore, Thailand, Viet Nam)

Finance

Amount: **\$500,000**

The ASEAN+3 finance ministers established the Asian Bond Markets Initiative (ABMI) to boost the development of local currency bond markets and have been supporting the Cross-Border Settlement Infrastructure Forum (CSIF), creating a sound and efficient regional settlement intermediary and promoting more active intraregional financial investment.

The TA will enhance regional risk management with cross-border transactions through the following three outputs: (i) production of a CSIF report, (ii) production of reports to the ABMI Task Force 4, and (iii) implementation of a linkage among the central banks and central securities depositories in ASEAN+3 based on CSIF recommendations.

Regional Support to Address the Outbreak of Coronavirus Disease 2019 and Potential Outbreaks of Other Communicable Diseases

TA 9950-REG

(Regional)

Health

Amount: **\$2,000,000**

The COVID-19 outbreak became a major global crisis and national, regional, and global intervention and collaboration were required to mitigate further damage to economies and public health. This large-scale assistance is part of ADB's response to the COVID-19 pandemic as a major development partner in Asia and the Pacific.

This TA will strengthen the capacity of DMCs to prevent and contain outbreaks of COVID-19 and other communicable diseases. The TA's four activities are as follows: (i) provision of support to DMCs affected and potentially affected by COVID-19 and other communicable diseases, (ii) conduct of economic and health system assessments on the potential effect of COVID-19, (iii) strengthening of regional and country-specific health security capabilities, and (iv) support for the development of sovereign and nonsovereign health security projects to address communicable diseases.

Road Subsector Development Strategy and Action Plan

TA 9987-UZB

(Uzbekistan)

Transport

Amount: **\$500,000**

As the economic growth of Uzbekistan has strengthened, the need for road subsector reforms has increased. In 2006, road subsector governance reforms had been enacted, but further reforms have become necessary.

The TA will support governance reforms in the road subsector to help relevant institutions strengthen and improve the road network, and make infrastructure sustainable through the development of a road subsector development strategy and action plan.

Promoting Regional Partnerships for the Adoption of Fintech and Digital Payments Systems: Institutional Support for the National Payments Corporation of India

54094-001-IND

(India)

Finance

Amount: **\$500,000**

Financial technology (fintech) and digital payments in India have grown rapidly largely due to the initiative of the Government of India in promoting fintech and a digitized economy. To facilitate the use of fintech and digital payment transactions with neighboring countries, the government established the National Payments Corporation of India. However, lack of coordinated approaches limited the increase in transactions.

This TA will help establish partnerships and collaborations that facilitate the adoption of fintech-based digital payments systems through the following outputs: (i) development of digital payments partnerships that promote cashless transactions and fintech proliferation across the regions by the National Payments Corporation of India, and (ii) enhancement of institutional capacity of the National Payments Corporation of India.

Creditworthiness and Institutional Capacity Enhancement for Binh Duong Water Environment Joint Stock Company

TA 6575-VIE

(Viet Nam)

Water and other urban infrastructure and services

Amount: **\$500,000**

Although the financial management capacity of Binh Duong Water Environment Joint Stock Company is adequate, it needs to make further improvements to complete its transition from a state-owned to a commercial entity. This TA will strengthen the company's creditworthiness and institutional capacity to provide sustainable and affordable water supply services.

The TA's activities include the (i) enhancement of Binh Duong Water Environment's creditworthiness, climate-resilient water business and operations, and corporate governance; and (ii) enhancement of Binh Duong Water Environment's legal basis of business and operations.

Impact Evaluation of Financial Technology Innovations in Selected Developing Member Countries

TA 6585-REG

(Regional)

Finance

Amount: **\$500,000**

With social distancing becoming the norm to avoid or lessen social contact because of COVID-19, the use of fintech has grown tremendously. In parallel, fintech is becoming accessible to more users at a lower cost, offering more opportunities for ADB and DMCs to make financial processes more accessible and efficient. The TA will conduct impact evaluation studies on the use of fintech, and the lessons from these studies will inform the design of future ADB-financed projects.

This TA is designed to increase the application of fintech in ADB projects through the following: (i) conduct of impact evaluation studies on the use of fintech, and (ii) enhancement of awareness on the impact evaluation of fintech.

Strengthening Resilience and Stability of Banking and Nonbank Financial Systems in Asia

TA 6645-REG

(Regional: Bangladesh, Kazakhstan)

Finance

Amount: **\$750,000**

Finance sector development is closely linked to economic growth and poverty alleviation in that financial resources can be mobilized to support economic activities under a stable financial system. The ability of DMCs to manage such a system is related to the capacity of financial authorities and institutions, including legal, regulatory, and supervisory frameworks.

The TA is expected to improve capacity in selected DMCs for developing finance reform through the following:

- (i) development of policy reform recommendations on banking systems and nonbank financial institutions, and
- (ii) enhancement of knowledge of reforms for financial institutions.

Developing an Electricity Market

TA 9672-PAK

(Pakistan)

Energy

Amount: **\$500,000**

Pakistan's electricity subsector has been using an unbundled structure, with public generation companies and independent power producers selling electricity to the Central Power Purchasing Agency Guarantee Limited based on long-term power purchase agreements. A new market model needs to be established to foster competitive processes of electricity sales and purchases. The TA will lead to the introduction of a competitive electricity market.

The TA's activities include the (i) development of key competitive market regulations, (ii) enhancement of human resource capacity for implementing the new market design, and (iii) expansion of the coordination capacity of the Central Power Purchasing Agency Guarantee.

Enhancing Effectiveness of Subregional Programs to Advance Regional Cooperation and Integration in Southeast Asia

TA 9572-REG

(Regional: Brunei Darussalam, Cambodia, People's Republic of China, Indonesia, Lao People's Democratic Republic, Malaysia, Myanmar, Philippines, Thailand, Viet Nam)

Multisector

Amount: **\$500,000**

For the regional cooperation and integration of the ASEAN, ADB has been the regional development adviser to the Brunei Darussalam–Indonesia–Malaysia–Philippines East ASEAN Growth Area (BIMP-EAGA) and partner to the Indonesia–Malaysia–Thailand Growth Triangle (IMT-GT). However, effective functioning of both subregions is limited because of weak institutional links and coordination with the ASEAN, lack of well-designed regional cooperation and integration projects, and limited capacity of government officials.

The TA is designed to support a more effective implementation of the BIMP-EAGA and IMT-GT subregional programs through the following activities: (i) improvement of strategic, sector, and institutional links and coordination between subregional programs and the ASEAN; (ii) enhancement of project development and management for development results; and (iii) strengthening the capacities of civil servants in the design and implementation of regional cooperation and integration of policies, programs, and projects.

Supporting Renewable Technology-Inclusive Heat Supply Legislation

TA 6564-KAZ

(Kazakhstan)

Energy

Amount: **\$500,000**

Kazakhstan has significant renewable energy resources that have yet to be fully utilized because it has abundant natural resources, including fossil fuel. The government adapted the national concept for the transition to a green economy in 2013, however, its heat supply sector suffers from low tariffs and a complex institutional setup.

This TA is designed to lead to the adoption of the Heat Supply Law by the Parliament of the Republic of Kazakhstan through the following: (i) conduct of gap analyses of the heat supply sector, (ii) drafting of renewable technology-inclusive heat supply legislation, (iii) development of a public-private partnership framework in the heat supply sector, and (iv) dissemination of international practices for heat supply systems.

ADB Ventures Financing Partnership Facility

(Regional)

Multisector

Amount: **\$5,000,000**

The ADB Ventures Financing Partnership Facility was established in January 2020 to support and invest in early-stage companies with technology-enabled solutions that contribute to achieving the Sustainable Development Goals in Asia and the Pacific. A nonsovereign platform multi-donor trust fund, ADB Ventures will provide support through (i) grant financing to pilot and deploy technologies in emerging markets, and (ii) capital financing to scale up their adoption across the region.

APPENDIX 3

2006–2020 Fund Operations

Project Title	Project No.	Department	Government-Approved Amount (\$)	Government Approval Date	ADB Approval Date	Status	TA Completion Report Rating
Armenia							
Supporting the Establishment of National Standardized Spatial Data Infrastructure	54388-001	CWRD	500,000	29 Dec 20			
Institutional Modernization to Improve the Business Environment	7414	CWRD	500,000	25 Jun 08	8 Dec 09	Closed	Highly successful
Azerbaijan							
Fostering Development of Local Tech Startups	6650	CWRD	500,000	22 Jan 20	3 Dec 20	Active	
Strengthening Tax Policy and Administration Capacity	9799	CWRD	500,000	30 Jul 19	10 Sep 19	Active	
Bangladesh							
Knowledge Solutions for Inclusive and Sustainable Development	9602	SARD	500,000	27 Aug 18	1 Oct 18	Active	
Southwest Transmission Grid Expansion Project	0590	SARD	500,000	8 May 18	31 Jul 18	Active	
Human Resource Development for Information Technology Engineers (Supplementary) (formerly the Information Technology Parks for Employment and Innovation Project)	9160	SARD	500,000	1 Jun 17	25 Jul 17	Active	
Enhancing the Institutional Capacity of the Anti-Corruption Commission	9285	SARD	300,000	19 Dec 16	15 Dec 16	Active	
Supporting Third Capital Market Development Program	8994	SARD	300,000	5 Jun 15	20 Nov 15	Active	
Enabling Poor Women's Benefits from Enhanced Access to Energy in Hatiya Island	8927	SARD	500,000	30 Jan 15	10 Jul 15	Closed	Less than successful
Improving Public Administration and Services Delivery through e-Solutions	8283	RSDD	500,000	22 Nov 12	14 Dec 12	Closed	Partly successful

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Table *continued*

Project Title	Project No.	Department	Government-Approved Amount (\$)	Government Approval Date	ADB Approval Date	Status	TA Completion Report Rating
Bhutan							
Developing a Revenue Administration Management Information System (Supplementary)	7881	SARD	150,000	5 Jun 15	5 Aug 15	Closed	Successful
Developing a Revenue Administration Management Information System	7881	SERD	500,000	14 Jul 11	6 Oct 11	Closed	Successful
Cambodia							
Capacity Development in the Electric Utility Industry	9736	SERD	500,000	27 Aug 18	23 May 19	Active	
Fourth Greater Mekong Subregion Corridor Towns Development Project	0593	SERD	500,000	8 May 18	1 Aug 18	Active	
Tonle Sap Technology Demonstrations for Productivity Enhancement	7305	SERD	500,000	14 Jul 08	1 Jul 09	Closed	Partly successful
Financial Sector Program II Implementation (original proposal: Implementation Support for the Computerization of the National Bank of Cambodia)	4999	SERD	500,000	23 Jan 07	6 Dec 07	Closed	Highly successful
India							
Promoting Advanced Biofuels through High Technology	6638	SARD	500,000	6 Oct 20	7 Dec 20	Active	
Promoting Regional Partnerships for the Adoption of Fintech and Digital Payments Systems: Institutional Support for the National Payments Corporation of India	54094-001	SARD	500,000	30 Mar 20			
Strengthening the Implementation of the Pradhan Mantri Jan Arogya Yojana Knowledge Support and Technical Assistance	9980	SARD	500,000	22 Jan 20	14 May 20	Active	
Supporting Logistics Sector Development	9555	SARD	1,000,000	12 Jul 18	1 Aug 18	Active	
Supporting the Preparation of the Comprehensive Master Plan for the Chennai–Kanyakumari Industrial Corridor	9446	SARD	1,600,000	2 Nov 17	07 Dec 17	Active	
India Municipal Finance Study	7334	SARD	500,000	3 Aug 09	24 Aug 09	Closed	Partly successful

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Table *continued*

Project Title	Project No.	Department	Government-Approved Amount (\$)	Government Approval Date	ADB Approval Date	Status	TA Completion Report Rating
Deploying Innovative Information and Communication Technology for Supporting e-Governance in Assam	4989	SARD	500,000	18 Oct 07	15 Nov 07	Closed	Partly successful
Indonesia							
Capacity Development for Sustainable and Reliable Energy Access in Java	53220-001	SERD	500,000	6 Oct 20			
Electric Transportation and Charging Infrastructure	6583	SERD	200,000	6 Oct 20	29 Oct 20	Active	
Water Supply and Sanitation Sector Development Project	7939	SERD	500,000	10 Dec 09	25 Nov 11	Closed	Successful
Strengthening Indonesia's Economic Early Warning System (old name: Fostering Knowledge Partnerships to Strengthen Indonesia's Economic Early Warning Systems)	7338	SERD	500,000	29 May 09	21 Aug 09	Closed	Successful
Kazakhstan							
Supporting Renewable Technology—Inclusive Heat Supply Legislation	6564	CWRD	500,000	30 Mar 20	14 Sep 20	Active	
Promoting Digital Technologies for Sustainable Development	9946	CWRD	500,000	31 Oct 19	5 Feb 20	Active	
Kyrgyz Republic							
Business Process Reengineering and Change Management for Tax Administration Modernization	4940	CWRD	500,000	6 Apr 07	14 Jun 07	Closed	Partly successful
Lao People's Democratic Republic							
Piloting Community e-Centers for Better Health	7058	SERD	500,000	21 Aug 07	29 Jan 08	Closed	Partly successful
Mongolia							
Improving Transport Services in Ger Areas	9906	EARD	500,000	31 Oct 19	10 Dec 19	Active	
Methane Gas Supply Chain Development Master Plan	9938	EARD	500,000	30 Jul 19	26 Dec 19	Active	
Strengthening the Supreme Audit Function	9731	EARD	500,000	17 Jan 19	8 May 19	Active	
Energy Storage Option for Accelerating Renewable Energy Penetration	9569	EARD	500,000	8 May 18	21 Aug 18	Active	

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Table *continued*

Project Title	Project No.	Department	Government-Approved Amount (\$)	Government Approval Date	ADB Approval Date	Status	TA Completion Report Rating
Ulaanbaatar Pro-Poor Urban Redevelopment Support System for Ger Areas	9421	EARD	500,000	1 Jun 17	6 Nov 17	Active	
Supporting Financial Sector Development and Stability	9180	EARD	300,000	31 Aug 16	26 Sep 16	Closed	Highly successful
Intelligent Transport Systems Development for Mongolia	9131	EARD	500,000	19 May 16	1 Jul 16	Closed	Highly successful
Strategy for Northeast Asia Power System Interconnection	9001	EARD	500,000	8 Sep 15	27 Nov 15	Active	
Government Bond Market Development	7971	EARD	500,000	2 Nov 11	14 Dec 11	Closed	Successful
Public Transport Information and Communication Technology	7556	EARD	500,000	22 Jan 10	29 Jun 10	Closed	Successful
Capacity Building Program on Clean Development Mechanism	7365	EARD	500,000	21 Jul 09	22 Oct 09	Closed	
Road Database Development Using Geographic Information System	7297	EARD	500,000	8 Apr 09	9 Jun 09	Closed	Partly successful
Customs Modernization Project (formerly Institutional Strengthening for Customs Modernization)	0070	EARD	500,000	12 Nov 06	20 Dec 06	Closed	Highly successful
Myanmar							
Design of e-Governance Master Plan and Capacity Review in Information and Communication Technology Institutions of Higher Learning	8398	RSDD	500,000	5 Jun 13	4 Jul 13	Closed	Highly successful
Nepal							
Knowledge Transfer for Public Procurement in Nepal	7111	SARD	500,000	11 Apr 08	31 Jul 08	Closed	Successful
Pakistan							
Preparing the Micro, Small, and Medium-Sized Enterprise Financial Access Inclusivity and Resilience Project and Supporting Sectoral Capacity Development	54424-001	CWRD	500,000	29 Dec 20			
Developing an Electricity Market	52323-001	CWRD	500,000	30 Mar 20			

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Table *continued*

Project Title	Project No.	Department	Government-Approved Amount (\$)	Government Approval Date	ADB Approval Date	Status	TA Completion Report Rating
Preparing Urban Development Projects (formerly the e-Vehicles for Last- Kilometer Connectivity in Pakistan under the Peshawar Sustainable Bus Rapid Transit Corridor Project)	9839	CWRD	450,000	30 Jul 19	29 Oct 19	Active	
People's Republic of China							
Supporting Project Preparation—Supplementary (Subproject Xiangtan Low-Carbon Transformation Sector Development Program in Hunan)	9437	EARD	500,000	29 Nov 18	8 May 19	Active	
Policy and Capacity Building for Elderly Care	9585	EARD	350,000	3 Sep 18	10 Sep 18	Active	
Supporting Project Preparation (Subproject—Guizhou Gui'an New District Urbanization Smart Transport System Development)	9437	EARD	500,000	8 May 18	6 Aug 18	Active	
Jiaozuo National Pilot Project for the Standardization of Public Employment Services (Supplementary)	9114	EARD	200,000	18 Dec 17	06 Jul 18	Closed	
Strengthening Capacity to Address Climate Change for Small- and Medium-Sized City Development	7687	EARD	500,000	20 Aug 10	6 Dec 10	Closed	Successful
Philippines							
Financial Inclusion Framework Strengthening	49386-001	SERD	500,000	30 Jul 19			
Teach for the Philippines	8695	SERD	500,000	20 May 14	7 Aug 14	Closed	Highly successful
Strengthening Knowledge-Based Economic and Social Development	8164	SERD	500,000	2 Aug 12	14 Sep 12	Closed	Less than successful
Consumer Protection in a Competitive Electricity Market with Open Access	8073	SERD	500,000	10 Dec 09	16 Apr 12	Closed	Unsuccessful
Computer Access Mentorship Program—A Public-Private Partnership for Enhancing Education Quality	7513	SERD	500,000	21 Jul 09	12 Apr 10	Closed	Highly successful

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Table *continued*

Project Title	Project No.	Department	Government-Approved Amount (\$)	Government Approval Date	ADB Approval Date	Status	TA Completion Report Rating
e-Tools for Community-Focused Urban Poverty Reduction in the Philippines (Capacity Building for Housing Microfinance—Supplementary)	4293	SERD	500,000	11 Apr 08	27 Jun 08	Closed	Partly successful
Solomon Islands							
Information and Communication Technology for Better Education Services in Tonga and Solomon Islands	8487	PARD	500,000	1 Dec 12	21 Oct 13	Closed	Successful
Tajikistan							
Strengthening Public Resources Management Program	7801	CWRD	500,000	18 Feb 11	12 Apr 11	Closed	Successful
Thailand							
Mainstreaming Public-Private Partnerships	7540	SERD	500,000	7 Apr 10	2 Jun 10	Closed	Successful
Capacity Building and School Networking for Educational Services (e-learning) in Thailand	7133	SERD	500,000	11 Feb 08	19 Sep 08	Closed	Successful
Uzbekistan							
Operationalization of Uzbekistan Mortgage Refinancing Company	9722	CWRD	500,000	29 Nov 18	29 Mar 19	Active	
e-Government for Effective Public Management	8260	CWRD	400,000	1 Dec 12	17 Dec 12	Closed	Successful
Viet Nam							
Southeast Asia Energy Sector Development, Investment Planning and Capacity Building Facility (for subproject Smart and Efficient Lightning Project)	9600	SERD	500,000	29 May 19	27 Dec 19	Active	
Support to Strengthening Local Health Care Program (Supplementary)	9265	SERD	500,000	7 Sep 17	14 Nov 17	Closed	Highly successful
Geo-Information Technology for Hazard Risk Assessment	7220	SERD	500,000	12 Nov 06	8 Dec 08	Closed	
Regional							
Establishing a Regional Hub on Domestic Resource Mobilization and International Tax Cooperation	54454-001	SDCC	500,000	29 Dec 20			

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Table *continued*

Project Title	Project No.	Department	Government-Approved Amount (\$)	Government Approval Date	ADB Approval Date	Status	TA Completion Report Rating
Strengthening Innovative Capacity of Medical Schools to Respond to Infectious Diseases like COVID-19	50361-001	SDCC	750,000	29 Dec 20			
Strengthening Human Resource and Leadership for Education	51301-001	SDCC	500,000	29 Dec 20			
Capital Market Development and Reform in Developing Asia (Phase 1)	6716	SDCC	750,000	29 Dec 20		Active	
Digital Entrepreneurship in Asia for Economic Resilience and Post-Pandemic Recovery	6711	ERCD	500,000	6 Oct 20		Active	
Planning for Economic Recovery of South Asia from COVID-19	6529	SARD	500,000	6 Oct 20	26 Nov 20	Active	
Empowering Developing Member Countries to Use Multispectral Satellite Images and Artificial Intelligence for Land Use and Coastal Planning	6672	SDCC	500,000	6 Oct 20	11 Dec 20	Active	
Establishing Regional Startup Ecosystem Hub to Mitigate Impact of COVID-19 and Support Economic Revival in the CAREC Region	6602	CWRD	500,000	6 Oct 20	18 Nov 20	Active	
Preparing Projects to Enhance Transport Connectivity and Resilience in the Pacific (for subproject Rarotonga Airport Infrastructure Upgrade Project)	9968	PARD	500,000	6 Oct 20	4 Dec 20	Active	
Building Financial Resilience and Stability to Reinvigorate Growth	6592	ERCD	150,000	6 Oct 20	21 Nov 20	Active	
Promoting Cross-Border Financial Transactions in the ASEAN+3 Region: Support to the Cross-Border Settlement Infrastructure Forum under the Asian Bond Markets Initiative Medium-Term Road Map, 2019–2022	6600	ERCD	500,000	6 Oct 20	18 Nov 20	Active	
Regional Support to Address the Outbreak of Coronavirus Disease 2019 and Potential Outbreaks of Other Communicable Diseases	9950	SDCC	2,000,000	30 Mar 20	8 Apr 20	Active	

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Table *continued*

Project Title	Project No.	Department	Government-Approved Amount (\$)	Government Approval Date	ADB Approval Date	Status	TA Completion Report Rating
ADB Ventures		PSOD	5,000,000	30 Mar 20	8 Apr 20	Active	
Impact Evaluation of Financial Technology Innovations in Selected Developing Member Countries	6585	ERCD	500,000	30 Mar 20	30 Oct 20	Active	
Building Resilient and Stable Banking and Nonbank Financial Systems in Asia and the Pacific	6645	SDCC	750,000	30 Mar 20	7 Dec 20	Active	
Enhancing Effectiveness of Subregional Programs to Advance Regional Cooperation and Integration in Southeast Asia	9572	SERD	500,000	30 Mar 20	9 Jul 20	Active	
Facilitating Knowledge for Innovation and Technology Cooperation to Accelerate Development	9943	SDCC	750,000	23 Jan 20	31 Jan 20	Active	
Strengthening Social Protection in the Pacific	9963	PARD	500,000	22 Jan 20	15 Apr 20	Active	
Promoting Action on Plastics Pollution from Source to Sea in Asia and the Pacific (for subproject Prioritizing and Implementing Actions to Reduce Marine Plastic Pollution)	6669	SDCC	500,000	22 Jan 20	11 Dec 20	Active	
Green and Innovative Finance Initiatives for Scaling Up Southeast Asian Infrastructure—Supplementary Financing	9621	SERD	1,500,000	22 Jan 20	10 Jul 20	Active	
Protecting and Investing in Natural Capital in Asia and the Pacific: Subproject—Bird e-Sensitivity Mapping for the Asia Region	9461	SDCC	500,000	29 Nov 19	28 Feb 20	Active	
Developing the Insurance Sector for Sustainable and Resilient Societies in Asia and the Pacific	9917	SDCC	500,000	29 Nov 19	17 Dec 19	Active	
Using Digital Technology to Improve National Health Insurance in Asia and the Pacific (formerly Supporting Digital National Health Insurance Management Systems in Asia and the Pacific)	9967	SDCC	1,000,000	31 Oct 19	24 Apr 20	Active	

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Table *continued*

Project Title	Project No.	Department	Government-Approved Amount (\$)	Government Approval Date	ADB Approval Date	Status	TA Completion Report Rating
Integrated and Innovative Solutions for More Livable Cities (formerly Enhancing Capacities of Cities to Become More Livable through Integrated and Innovative Solutions)	9919	SDCC	500,000	31 Oct 19	18 Dec 19	Active	
Strengthening Knowledge Partnership to Support Project Development	9798	SARD	500,000	30 Jul 19	9 Sep 19	Active	
Digital Development Facility for Asia and the Pacific	9794	SDCC	500,000	05 Jun 19	30 Aug 19	Active	
Strengthening Domestic Transport Connectivity in the Pacific—Vanuatu Inter-Island Shipping and Support Project (VISSP)—Upgradation of South Paray Wharf, Port Vila	9331	PARD	500,000	29 May 19	12 Sep 19	Active	
Strengthening Education in the Pacific Region (formerly Open, Flexible, Distance Learning Resources Repository for the Pacific Region)	9645	PARD	500,000	29 May 19	12 Sep 19	Active	
Universal Health Coverage for Inclusive Growth: Support for the Implementation of the Operational Health Plan, 2015–2020 (Supplementary)	8983	SDCC	500,000	17 Jan 19	9 Jul 19	Active	
Northeast Asia Regional Development Studies	9707	EARD	1,000,000	26 Dec 18	26 Dec 18	Active	
Demonstrating Innovative Employment Solutions through Regional Knowledge-Sharing Partnerships with Youth Organizations	9557	SDCC	500,000	29 Nov 18	13 Dec 18	Active	
Strengthening Financial Sector Operations in Asia and the Pacific	9364	SDCC	500,000	29 Nov 18	22 Mar 19	Active	
Innovation in Education Sector Development in Asia and the Pacific	9415	SDCC	500,000	29 Nov 18	18 Dec 18	Active	
Integrated High Impact Innovation in Sustainable Energy Technology—Energy System Analysis, Technology Road Maps and Feasibility Studies (Subprogram 1)	9690	SDCC	1,000,000	27 Aug 18	13 Dec 18	Active	

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Project Title	Project No.	Department	Government-Approved Amount (\$)	Government Approval Date	ADB Approval Date	Status	TA Completion Report Rating
Integrated High Impact Innovation in Sustainable Energy Technology—Pilot Testing of Innovative Energy Technologies and Business (Subprogram 3)	9960	SDCC			1 Apr 20	Active	
Supporting Knowledge Solutions for New Development Strategies in South Asia	9586	SARD	500,000	27 Aug 18	12 Sep 18	Active	
Information and Communication Technology for Development Initiative Facility in Asia and the Pacific (Supplementary)	8813	SDCC	1,000,000	26 Apr 17	28 Jun 17	Closed	Highly successful
Strengthening Asia's Financial Safety Nets and Resolution Mechanisms	9497	ERCD	125,000	1 Jun 17	29 Jan 18	Active	
Sharing Development Knowledge Solutions in Asia and the Pacific	9388	DOC	750,000	28 Aug 17	26 Sep 17	Active	
Promoting Smart Drinking Water Management in South Asian Cities (additional funding)—supplementary	9048	SARD	500,000	28 Aug 17	12 Dec 17	Active	
Implementation of Sustainable Transport for All	9420	SDCC	500,000	18 Dec 17	28 Feb 19	Active	
Creating a Regional Settlement Intermediary in ASEAN+3: Cross-Border Settlement Infrastructure Forum	9197	ERCD	500,000	31 Aug 16	30 Sep 16	Closed	Highly successful
Knowledge-Based Low-Carbon Cities Development in CAREC	9308	EARD	500,000	19 Dec 16	6 Apr 17	Active	
Digital Solutions to Improve Agricultural Value Chains	9902	SDCC	500,000	19 May 16	13 Dec 19	Active	
Enhancing Economic Analysis and South–South Learning	8254	SARD	500,000	5 Jun 15	6 Jul 15	Closed	Successful
Strengthening Development Member Countries' Capacity in Elderly Care	9111	SERD	500,000	16 Dec 15	13 May 16	Active	
Promoting Smart Drinking Water Management in South Asian Cities	9048	SARD	500,000	19 Oct 15	15 Dec 15	Active	

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Project Title	Project No.	Department	Government-Approved Amount (\$)	Government Approval Date	ADB Approval Date	Status	TA Completion Report Rating
Information and Communication Technologies for Social Protection in the Asia and Pacific Region	8686	RSDD	500,000	20 May 14	11 Jul 14	Closed	Successful
Enhancing Capacity to Mobilize Private Grant Cofinancing	8703	OCO	225,000	22 Aug 14	5 Aug 14	Closed	Successful
Building Capacity for Enhanced Connectivity in Southeast Asia	8836	SERD	500,000	30 Oct 14	18 Dec 14	Closed	Highly successful
Information and Communication Technology for Development Initiative Facility in Asia and the Pacific	8813	RSDD	500,000	30 Oct 14	16 Dec 14	Closed	Highly successful
Establishment of the International Public AMC Forum (IPAF)	8370	ERCD	500,000	22 Apr 13	23 May 13	Closed	Successful
Asia Energy Efficiency Accelerator	8483	RSDD	500,000	5 Jun 13	10 Oct 13	Closed	Highly successful
Midterm Review of the Republic of Korea e-Asia and Knowledge Partnership Fund	8396	RSDD	500,000	5 Jun 13	4 Jul 13	Closed	Successful
Asia Pacific Public Electronic Procurement Network	8520	OSFMD	500,000	20 Aug 13	2 Dec 13	Closed	Successful
Supporting the Operationalization of Community-Driven Development in Developing Member Countries	8589	RSDD	500,000	20 Aug 13	16 Dec 13	Closed	Highly successful
Economic Analysis for Gender and Development	8620	ERD	500,000	26 Dec 13	14 Feb 14	Closed	Highly successful
The Asia Leadership Program: Building Communities of Leaders for Sustainable Development	8612	RSDD	500,000	10 Dec 13	13 Dec 13	Closed	Highly successful
Malaria and Dengue Risk Mapping and Response Planning in the Greater Mekong Subregion	8656	RSDD	417,000	28 Dec 13	26 May 14	Closed	Successful
Minimizing Foreign Exchange Settlement Risk in the ASEAN+3 Region: Support for Group of Experts	6509	OREI	450,000	12 Apr 12	18 May 12	Closed	Highly successful
Policies for Industrial and Service Diversification in Asia in the 21st Century	8153	ERCD	500,000	2 Aug 12	7 Sep 12	Closed	Successful

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Project Title	Project No.	Department	Government-Approved Amount (\$)	Government Approval Date	ADB Approval Date	Status	TA Completion Report Rating
Greater Mekong Subregion Phnom Penh Plan for Development Management Phase V	7431	SERD	500,000	14 Sep 12	19 Nov 12	Closed	Successful
Implementation of Prudential Standards in Islamic Finance	8214	SERD	250,000	14 Aug 12	13 Nov 12	Closed	Successful
Learning from e-Learning: Testing Intelligent Learning Systems in South Asia	7872	SERD	500,000	22 Nov 12	27 Nov 12	Closed	Successful
Supporting the Use of Carbon Financing to Promote Green Growth in Asia and the Pacific (Supplementary)	8223	RSDD	443,000	1 Dec 12	21 Nov 12	Closed	Successful
Greater Mekong Subregion Phnom Penh Plan for Development Management Phase IV	6407	SERD	500,000	28 Feb 11	22 Jun 11	Closed	Highly successful
Asia-Pacific Economic Cooperation Financial Regulators Training Initiative (APEC FRTI)	7805	OREI	500,000	5 Apr 11	29 Apr 11	Closed	Highly successful
Regional Forum on Public Sector Accounting	7903	CTL	500,000	29 Jul 11	2 Nov 11	Closed	Successful
Asia-Pacific Community of Practice on Managing for Development Results—From Concept to Practice	7744	SPD	500,000	14 Jul 11	8 Sep 11	Closed	Highly successful
Financial Regulatory Reforms in Asia	7864	OREI	500,000	29 Jul 11	20 Sep 11	Closed	Successful
Supporting Public Management through e-Governance Capacity Development	8033	SDCC	500,000	5 Oct 11	23 Dec 11	Closed	Successful
Developing the Services Sector as an Engine for Inclusive Growth	7898	ERD	500,000	16 Sep 11	25 Oct 11	Closed	Successful
Implementation of the Technical Support Facility under the Carbon Market Initiative	6438	SDCC	500,000	5 Oct 11	16 Sep 11	Closed	Highly successful
Implementation of Sustainable Transport in Asia and the Pacific—Intelligent Transport Systems for Better Urban Transport (Subproject 3)	8101	EARD	300,000	5 Oct 11	27 Jun 12	Closed	

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Project Title	Project No.	Department	Government-Approved Amount (\$)	Government Approval Date	ADB Approval Date	Status	TA Completion Report Rating
Republic of Korea-ADB Conference on Knowledge Sharing and Development Effectiveness in the Asia and Pacific Region	7868	SDCC	124,000	31 Aug 11	21 Sep 11	Closed	Successful
Broadening the Scope of Asian Bond Markets Initiative under ASEAN+3	7911	OREI	145,000	25 Oct 11	11 Nov 11	Closed	Successful
Comparative Infrastructure Development Assessment of the Kingdom of Thailand and the Republic of Korea	7706	SERD	400,000	22 Nov 10	10 Dec 10	Closed	Successful
Updating and Expanding the Social Protection Index	7601	SDCC	500,000	6 Jul 10	18 Sep 10	Closed	Highly successful
Promoting an Interlinked ASEAN Capital Market	7576	SERD	500,000	20 Apr 10	9 Aug 10	Closed	Successful
Sharing Knowledge on Community-Driven Development in Asia and the Pacific	7543	SDCC	500,000	19 Mar 10	14 Jun 10	Closed	Successful
Support for Trade Facilitation in the Brunei Darussalam–Indonesia–Malaysia–Philippines East ASEAN Growth Area	7552	SERD	500,000	22 Feb 10	14 Jun 10	Closed	Successful
Sustainable City Management in Asia (consolidated with Establishment of e-Systems in Support of Infrastructure Finance in Asia) (Supplementary)	7379	SDCC	500,000	1 Sep 09	7 Sep 10	Closed	
Establishment of e-Systems in Support of Infrastructure Finance in Asia	7379	SDCC	500,000	2 Sep 09	13 Nov 09	Closed	
Improving Public Services through ICT (formerly ICT Capacity Building and Knowledge Sharing)	7351	SDCC	500,000	29 May 09	22 Sep 09	Closed	Successful
ICT-Based Inclusive Growth and Poverty Reduction in the Pacific (formerly Pacific Regional ICT Development)	7399	PARD	500,000	13 Apr 09	3 Dec 09	Closed	Highly successful
Greater Mekong Subregion Phnom Penh Plan for Development Management III (Fourth Supplementary)	8225	SERD	500,000	13 Apr 09	12 May 09	Closed	Highly successful

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Project Title	Project No.	Department	Government-Approved Amount (\$)	Government Approval Date	ADB Approval Date	Status	TA Completion Report Rating
Partnership for Good Governance and Knowledge on Urban Water Management	6523	SARD	500,000	1 Dec 08	19 Jan 09	Closed	Successful
Rural Information and Communication Technology Policy Advocacy, Knowledge Sharing, and Capacity Building	6513	SDCC	500,000	14 Jul 08	18 Dec 08	Closed	Successful
Knowledge Sharing on Infrastructure Public-Private Partnerships in Asia	6492	OPPP	500,000	5 Jun 08	7 Oct 08	Active	
Governance and Capacity Development Initiative (Phase 2)	7277	SDCC	500,000	22 Feb 08	28 Apr 09	Closed	Successful
Promoting Environmental Compliance and Enforcement in Asia	6419	SDCC	150,000	19 Oct 07	16 Nov 07	Closed	
Regional Knowledge and Partnership Networks for Poverty Reduction and Inclusive Growth	6502	SDCC	500,000	4 Oct 07	14 Nov 08	Closed	Less than successful
Knowledge-Sharing Program Using Good Asian Practices in Innovation and Development	6426	SDCC	500,000	9 Jul 07	11 Dec 07	Closed	Successful
Harmonization of Bond Standards in ASEAN+3 (original proposal: Standardizing or Harmonizing Asian Bond Conventions and Norms)	6514	OREI	500,000	20 Dec 06	16 Dec 08	Closed	Successful
South Asia Subregional Economic Cooperation Information Highway	6358	SARD	500,000	12 Nov 06	1 Dec 06	Closed	

ADB = Asian Development Bank; ASEAN = Association of Southeast Asian Nations; ASEAN+3 = ASEAN plus Japan, the People's Republic of China, and the Republic of Korea; CAREC = Central Asia Regional Economic Cooperation; COVID-19 = coronavirus disease; CTL = Controller's Department; CWRD = Central and West Asia Department; DOC = Department of Communications; EARD = East Asia Department; ERCD = Economic Research and Regional Cooperation Department; ERD = Economics and Research Department; OCO = Office of Cofinancing Operations; OPPP = Office of Public-Private Partnership; OREI = Office of Regional Economic Integration; OSFMD = Operations Services and Financial Management Department; PARD = Pacific Department; PSOD = Private Sector Operations Department; RSDD = Regional and Sustainable Development Department; SARD = South Asia Department; SDCC = Sustainable Development and Climate Change Department; SERD = Southeast Asia Department; SPD = Strategy and Policy Department.

Source: Republic of Korea e-Asia and Knowledge Partnership Fund monitoring database.

Implementation Guidelines for the Republic of Korea e-Asia and Knowledge Partnership Fund

The implementation guidelines for the Republic of Korea e-Asia and Knowledge Partnership Fund (the “Fund”) is prepared to provide detailed guidelines for fund management in line with the Channel Financing Agreement (the “Agreement”) and the policy direction set by the Government of Korea.

Article 1. Objectives

1. The Fund will contribute to the economic and social development of developing member countries (DMCs) through the e-Asia Program and Knowledge Partnership Program. The e-Asia program will help DMCs strengthen their capacities to maximize the use of ICT in the development process while the Knowledge Partnership Program will help DMCs strengthen their capacities through sharing knowledge and experiences.

Article 2. Scope and Activities

2. The Fund will finance components of investment projects, stand-alone grant-financed activities, TA operations, and any other activities which may be agreed upon by the GOK and ADB.
3. The Fund will support the following:
 - a. concept development of potential ADB projects by enhancing readiness, capacity building, policy advice/ dialogue and pre-feasibility studies;
 - b. preparation of ADB projects through feasibility studies;
 - c. policy reform and institutional capacity building;
 - d. studies, research, and analytical work;
 - e. dissemination, networking, and cross-learning; and
 - f. innovative approaches promoting high level technologies and ICTs.

Article 3. Type of Activities and the Size of Funding

4. The annual Fund allocation will be determined through consultations between the GOK and ADB. The total amount of the annual funding will be indicated at the attachment and shall be read as part of the guidelines.
5. The maximum amount of funding for an individual project will be \$500,000. This amount may be exceeded depending on the following cases:
 - a. projects in priority areas and activities as described in Article 5;
 - b. technical assistance facility and/or cluster technical assistance; and
 - c. other projects that the GOK deems necessary and high priority.

Article 4. Eligibility

6. **Country Eligibility.** All ADB DMCs are eligible for Fund assistance.
7. **Eligible and Non-Eligible Expenditures.** The Fund will finance operational expenses related to eligible activities indicated in Article 2. It will not be used for (i) civil works, (ii) procurement of large-scale equipment, (iii) permanent staffing costs, or (iv) hiring of staff consultants, unless otherwise agreed between the GOK and ADB.

Article 5. Priority Areas and Activities

8. Priority areas to support will be determined through consultations between the GOK and ADB. The result of the Fund allocation will be updated annually and shall be read as part of the guidelines.
9. Higher priority will be given to transaction technical assistance which prepares, enhances readiness, develops capacity and/or provides policy advice for ADB financed projects.
10. Other projects with priority for funding include:
 - a. projects that utilize human resources, expertise, capital and technologies in Korea or have potential to be carried out in collaboration with Korea's Economic Development Cooperation Fund (EDCF) and Knowledge Sharing Program (KSP);
 - b. projects co-financed by ADB's Innovative Project Development Facility and/or Disaster Response Facility; and
 - c. projects with potential to raise Korea's visibility.

Article 6. Application, Review and Concept Approval Process

11. **Fund Management.** The Sustainable Development and Climate Change Department (SDCC) will be responsible for managing the Fund and will coordinate with the GOK for technical matters. SDCC is likewise responsible for maximizing the performance of the Fund operations in line with ADB's strategic direction in harmonization with other financing facilities and funds in ADB. A Principal Operations Coordination Specialist (POCS) at SDCC will take care of technical aspects of the Fund management (the "Fund Manager"). The Office of Cofinancing Operations (OCO) will be the official channel of communications with regard to the financial aspects of the Fund.
12. **Consultation Meeting.** The GOK and ADB will meet annually to set the strategic directions of the Fund management and discuss the areas of improvement for the Fund operations. In addition, review meetings will be held when necessary.
13. **Funding Proposals.** Funding proposals will be collected by the Fund Manager throughout the year. For new TAs, TASU (technical assistance supervising unit) Director sends a funding proposal to SDSC/SDCC by email with the approved TA concept paper and comments matrix as attachment. In case of additional funding for existing TAs, a letter signed by the TASU director requesting additional financing to the Fund should be attached.
14. **Internal Review Process.** For quality assurance of funding proposals, the Fund Manager will carry out the internal screening process of funding proposals in coordination with relevant sector/thematic groups and operational departments, ensuring that proposed projects meet the eligibility criteria and qualifications set forth in the Agreement and the guidelines. A review committee will be requested, inviting relevant stakeholders to the funding proposal, if necessary.

15. **Submission of Batch Applications.** Once funding proposals have complied with the internal screening process, the Fund Manager prepares a batch application funding request to the GOK for its endorsement. As standard practice, applications are submitted quarterly. The schedule of batch applications can be varied and updated annually. The GOK will review the funding proposals and provide its decision within 45 calendar days from the submission date of a batch application. In the absence of any notification from the GOK within the above time duration, the funding proposals will be deemed to have been approved by the GOK.
16. **TA Implementation.** There will be no intervention to the implementation of the Fund financed projects from the GOK or the Fund management side. All projects financed by the Fund will follow ADB's Guidelines on the Use of Consultants and Procurement Guidelines, as amended from time to time. However, the TASU has a responsibility to inform the Fund Manager of the major milestones of the TA processing and implementation, including ADB's approval, major changes in scope, and completion.

Article 7. Reporting and Monitoring

17. **Record Keeping.** ADB maintains the records and accounts, in accordance with its normal procedures, to show contributions, interest, and investment income and expenditures financed by the Fund. ADB makes available such records and accounts, if required by the GOK.
18. **Reporting.** ADB prepares the following reports: (i) a project completion report (filed within a year after project completion using the form provided by the GOK), and (ii) annual financial and implementation report. A report evaluating the performance of the Fund will be produced upon financial closure of the Fund.
19. **Monitoring and Evaluation.** Upon request of the GOK, ADB prepares and submits an assessment report to the GOK on the overall performance of the Fund operations or an individual project supported by the Fund. Upon request by the GOK, ADB will endeavor to facilitate visits by the GOK personnel and/or designated personnel to projects financed as observer. The GOK may ask TASU for detail information on the status of the Fund supported projects including the consultant's reports or arranging a special mission as part of monitoring and evaluation of the Fund operations.
20. **Audits.** ADB provides the GOK with a financial statement on the Fund, audited by external auditors, upon financial closure of the Fund. The GOK may also request ADB to produce financial statements audited by external auditors at any time during the life of the Fund. The fees for such audits will be funded from the Fund and/or income earned from the investment or reinvestment of the Fund or interest earned in respect to the ADB account.

Article 8. Fund Visibility

21. ADB shall make the following efforts in implementing projects to enhance visibility and awareness:
 - a. Fund support shall be clearly indicated in all publications, training programs, seminars and workshops;
 - b. it is encouraged to hold a signing or launching ceremony of the Fund supported project, inviting the relevant GOK officials.
 - c. Fund support shall be clearly indicated in all press releases related to the projects; and
 - d. the recipients shall disseminate the Fund support and its outcome through the local media.

Supplementary Provisions

- A. The amount of annual funding in 2018 is maximum USD15,000,000.
- B. The funding allocation by sectors and topic areas will be as follows:
 - i. At least 30% of the annual funding will be allocated to the sectors of Energy, Water, and Transport.
 - ii. At least 15% of the annual funding will be allocated to the sectors of Public Sector Management, Education, Health, and Finance.
 - iii. At least 15% of the annual funding will be allocated to the sectors and thematic areas of Climate Change and Disaster Risk Management, and Rural Development and Food Safety.
- C. Submission for funding consideration to the GOK will be done in four batches by 31 March, 31 May, 30 Sep, and 30 Nov.

Republic of Korea e-Asia and Knowledge Partnership Fund Annual Report 2020

The Republic of Korea e-Asia and Knowledge Partnership Fund (EAKPF) was established in 2006 to contribute to poverty reduction in Asia and the Pacific by improving access to information and communication technology and facilitating knowledge sharing and partnerships. This annual report presents the background and rationale of the fund, provides updates on project implementation, and highlights achievements and future plans. It includes a section that outlines challenges due to the coronavirus disease (COVID-19) and how the EAKPF supported response mechanisms to address the pandemic's impacts. Also featured in this annual report are four projects that have demonstrated development benefits to members of the Asian Development Bank.

About the Asian Development Bank

ADB is committed to achieving a prosperous, inclusive, resilient, and sustainable Asia and the Pacific, while sustaining its efforts to eradicate extreme poverty. Established in 1966, it is owned by 68 members—49 from the region. Its main instruments for helping its developing member countries are policy dialogue, loans, equity investments, guarantees, grants, and technical assistance.

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