



November 2017

Quarterly Summary Report on Approved
(A) Transaction Technical Assistance Not Exceeding
\$5,000,000; (B) Knowledge and Support Technical
Assistance Projects Not Exceeding \$225,000; and
(C) Technical Assistance Cluster Subprojects
(July–September 2017)

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LIST OF TECHNICAL ASSISTANCE PROJECTS				
Seq. No.	TA No.	TA Name	Amount (\$'000)	Date Approved
(A) TRANSACTION TECHNICAL ASSISTANCE NOT EXCEEDING \$5,000,000				
1. PROJECT PREPARATORY				
1	9366-AFG	Horticulture Value Chain Development Sector	600.0	8-Sep-17
2	9342-BAN	Southwest Transmission Grid Expansion	750.0	14-Jul-17
3	9352-BHU	Health Sector Development Program	500.0	10-Aug-17
4	9349-CAM	Irrigated Agriculture Improvement	2,500.0	31-Jul-17
5	9373-PRC	Preparing Regional Cooperation and Integration Projects	1,000.0	12-Sep-17
6	9339-IND	Rajasthan Secondary Towns Development Investment Program	1,300.0	9-Jul-17
7	9390-KGZ	Climate Resilience and Disaster Risk Reduction in Water Resources Management	1,100.0	27-Sep-17
8	9383-MON	Ulaanbaatar Air Quality Improvement Program	250.0	21-Sep-17
9	9345-MYA	Second Mandalay Urban Services Improvement	975.0	20-Jul-17
10	9337-NEP	Bagmati River Basin Improvement - Additional Financing	225.0	3-Jul-17
11	9343-PAK	Third Party Monitoring for Federally Administered Tribal Areas Water Resources Development	225.0	11-Jul-17
12	9389-SRI	Implementation Support to the Rooftop Solar Power Generation	1,000.0	26-Sep-17
13	9394-THA	Bangkok Mass Rapid Transit South Purple Line	1,500.0	29-Sep-17
14	9351-UZB	Railway Efficiency Improvement	1,000.0	7-Aug-17
15	9368-VIE	Northern to Central 500 kV Transmission Grid Reinforcement	1,000.0	11-Sep-17
16	9347-REG	Pacific Urban Development Investment Planning and Capacity Development Facility	1,800.0	27-Jul-17
2. CAPACITY DEVELOPMENT AND POLICY ADVICE				
17	9344-BAN	Capacity Development in Infrastructure Development Company Limited	750.0	18-Jul-17
18	9326-PRC	Establishment of an Integrated Comprehensive Three-Tier System for Elderly Care	670.0	6-Jun-17
19	9381-PRC	Support for the Guangxi Modern Technical and Vocational Education and Training Development	600.0	20-Sep-17
20	9385-PRC	Shanxi Inclusive Agricultural Value Chain Development	300.0	21-Sep-17
21	9304-IND	Capacity Building for RBL Bank in India	800.0	16-Mar-17
22	9318-IND	Capacity Development of Institutions in the Urban Sector of Madhya Pradesh	1,000.0	18-May-17
23	9330-IND	Odisha Skill Development	2,000.0	21-Jun-17
24	9378-IND	Supporting the Second West Bengal Development Finance Program	500.0	20-Sep-17

Seq. No.	TA No.	TA Name	Amount (\$'000)	Date Approved
(A) TRANSACTION TECHNICAL ASSISTANCE NOT EXCEEDING \$5,000,000				
2. CAPACITY DEVELOPMENT AND POLICY ADVICE				
25	9333-INO	Promoting Innovative Financial Inclusion	800.0	28-Jun-17
26	9370-INO	Scaling Up Energy Efficiency	1,000.0	14-Sep-17
27	9320-MON	Banking Sector Rehabilitation and Financial Stability Strengthening Program	1,500.0	30-May-17
28	9334-NEP	Strengthening the Capacity of Nepal's Energy Sector to Deliver Gender Equality and Social Inclusion Results	2,000.0	29-Jun-17
29	9346-NEP	South Asia Subregional Economic Cooperation Customs Reform and Modernization for Trade Facilitation	1,000.0	24-Jul-17
30	9384-NEP	Strengthening Capacity for Urban Planning, Urban Design, and Investment Planning	1,000.0	22-Sep-17
31	9322-UZB	Affordable Rural Housing Program	750.0	1-Jun-17
(B) KNOWLEDGE AND SUPPORT TECHNICAL ASSISTANCE PROJECTS NOT EXCEEDING \$225,000				
32	9367-KAZ	Samruk-Energy Green Transformation	225.0	8-Sep-17
33	9392-PAK	Preparing Health Sector Assessment	225.0	27-Sep-17
(C) TECHNICAL ASSISTANCE CLUSTER SUBPROJECTS				
34	9361-INO	Sustainable Infrastructure Assistance Program - Facilitating Regional Cooperation and Integration between Indonesia and Timor-Leste through Enhanced Cross-border Cooperation (Subproject 11)	200.0	23-Aug-17
35	9362-INO	Sustainable Infrastructure Assistance Program - Strengthening Results-Based Lending Independent Monitoring in Irrigation (Subproject 10)	800.0	24-Aug-17

(A) TRANSACTION TECHNICAL ASSISTANCE NOT EXCEEDING \$5,000,000

1. PROJECT PREPARATORY

TA 9366-AFG: Horticulture Value Chain Development Sector

Executing Agency : Ministry of Finance
TA Amount (\$'000) : 600.0
Business Opportunities Listing : 15 September 2017
Date Approved : 08 September 2017

The project will help enhance the horticulture value chain in key high-value production zones in Afghanistan. It will help finance the following: (i) establishment and/or rehabilitation of horticulture processing and packing facilities; (ii) on-farm and community storages for potatoes and onions; (iii) greenhouses with drip fertigation systems; and (iv) intensive orchard development. Its key output will be: (i) improvement of horticulture value chain infrastructures; and (ii) establishment of national horticulture marketing and branding strategies. These outputs will result in increased production and marketing of horticultural products. The project's impact will be balanced economic growth through agriculture, resulting in stability and economic empowerment of women and men. The TA will help with: (i) conducting the project investment feasibility study; and (ii) assisting project processing and implementation startup for the ensuing grant.

Status of Consulting Services : Recruitment of consultants is being processed.

TA 9342-BAN: Southwest Transmission Grid Expansion

Executing Agency : Asian Development Bank
TA Amount (\$'000) : 750.0
Business Opportunities Listing : 25 July 2017
Date Approved : 14 July 2017

The Southwest Transmission Grid Expansion Project will help: (i) develop and expand the transmission network in southern and western zones of the country; and (ii) expand and strengthen the national electricity grid in the Greater Dhaka area covered by the Dhaka Electric Supply Company Limited (DESCO) and its adjacent area, by applying cutting edge grid technologies, such as efficient transformers and advanced energy storage system. Its outputs will be: (i) increased transformer capacity at Gopalganj; (ii) expanded and upgraded transmission network and grid substations in Southern Bangladesh, Western Bangladesh, and DESCO area; and (iii) installed frequency and voltage regulation equipment/system. These outputs will result in improved efficiency and reliability of electricity in Southern Bangladesh, Western Bangladesh, and Dhaka. The project will greatly impact the national target of "electricity for all" by 2021. The TA is required to prepare all documents for the core subprojects. Its main output will be a project feasibility report consisting of: (i) Bangladesh power sector assessment; (ii) updated problem tree analysis and design and monitoring framework; (iii) technical, economic, financial, and governance due diligence, and detailed project cost estimates; (iv) risk assessment, procurement plan and implementation schedule; and (v) social and environmental safeguard documents.

Status of Consulting Services : Recruitment of consultants is being processed.

TA 9352-BHU: Health Sector Development Program

Executing Agency	:	Ministry of Health
TA Amount (\$'000)	:	500.0
Business Opportunities Listing	:	14 August 2017
Date Approved	:	10 August 2017

Bhutan has made significant investments in developing its health system from a low base and it has achieved remarkable progress in key health outcomes over the past several decades. However, challenges remain in Bhutan's health sector performance, including wide district-level variations in service quality and coverage, and regional disparities in health outcomes. The program aims to bridge critical gaps in Bhutan's health system and enhance the overall sector performance. Its outputs will be: (i) enhancement of outbreak response capacity and health information systems; (ii) improvement of health services in peripheral areas; and (iii) enhancement of health sector financing. These solutions will improve equitable access, quality, and financial sustainability of Bhutan's health system. The TA is required for designing the program and enhancing program readiness through appropriate advance actions. It will conduct assessment on technical, economic and financial, governance, poverty and social, and safeguards due diligence.

Status of Consulting Services : Consultants have been fielded.

TA 9349-CAM: Irrigated Agriculture Improvement

Executing Agency	:	Ministry of Water Resources and Meteorology
TA Amount (\$'000)	:	2,500.0
Business Opportunities Listing	:	07 August 2017
Date Approved	:	31 July 2017

The project will replicate and scale up the new investment model introduced under ADB's Upland Irrigation Project that focuses on integrating, upgrading and remodeling of irrigation systems; modernizing operational management; and building climate resilience to improve efficiency, productivity and service delivery. It will support the implementation of the government's National Strategic Development Plan on Water Resources and Meteorology which aims to develop and expand the country's irrigated land and manage its water resources more effectively by improving existing irrigation systems, making water user communities more efficient, building capacity of the water users, and reducing the vulnerability to natural disasters. Its key outputs will be: (i) enhanced efficiency and climate resilience of irrigation systems; and (ii) improved water resource management. These solutions will enhance water and agriculture productivity in the project areas. The impact will be inclusive economic growth through agriculture and irrigation. The TA will: (i) carry out the feasibility study; (ii) prepare the project design; (iii) complete the detailed engineering design of subprojects and prepare bidding documents; and (iv) undertake technical, social, financial, environmental, gender, and economic due diligence of the project.

Status of Consulting Services : Consultants have been fielded.

TA 9373-PRC: Preparing Regional Cooperation and Integration Projects

Executing Agency : Ministry of Finance
TA Amount (\$'000) : 1,000.0
Business Opportunities Listing : 18 September 2017
Date Approved : 12 September 2017

The following ensuing projects: (i) Yunnan–Lincang Border Economic Cooperation Zone Infrastructure Comprehensive Development Project; (ii) MFF and Tranche 1 for Xinjiang Regional Cooperation and Integration Promotion Investment Program; and (iii) MFF and Tranche 1 for the Inner Mongolia Regional Cooperation and Integration Promotion Investment Program, will support efforts of the PRC toward stronger participation in regional cooperation and integration (RCI), notably through Greater Mekong Subregion and the Central Asia Regional Economic Cooperation programs. The projects' outputs focus on infrastructure and environment improvement in border and corridor cities/towns, border economic zone development, improvement of border crossing points, improvement of education and health services for border areas (including those of the neighboring countries), and development of small and medium-sized enterprises in border areas of Inner Mongolia, Xinjiang and Yunnan. These will result in the following outcomes: (i) enhanced long-term financing for relatively poorer border provinces; (ii) improved RCI knowledge and experience from other parts of the country and the rest of Asia; (iii) added advice on sharpening RCI dimension and maximizing regional benefits of the investment projects; and (iv) increased opportunities for cross-border dialogues and coordinated actions. The impacts will be: (i) improved connectivity and trade facilitation which will provide better access for neighboring countries to markets in the PRC; and (ii) expansion of cross-border trade which will help increase the income of local farmers and border area residents. The TA facility will provide project preparation and capacity building support to these projects. It will: (i) conduct technical feasibility assessments; (ii) formulate investment plan and procurement packages; (iii) complete safeguard due diligence; (iv) prepare sector assessments; and (v) improve project management capacity of the executing and implementing agencies. In the initial stage of TA implementation, focus will be on processing the project in Yunnan. Additional funding is being sought for processing of projects in Inner Mongolia and Xinjiang.

Status of Consulting Services : Recruitment of consultants is being processed.

TA 9339-IND: Rajasthan Secondary Towns Development Investment Program

Executing Agency : Rajasthan Urban Infrastructure Development Project
TA Amount (\$'000) : 1,300.0
Business Opportunities Listing : 12 July 2017
Date Approved : 09 July 2017

The proposed multitranche financing facility for this program aims to improve infrastructure, management, and performance of urban services to 2.5 million residents of Rajasthan. It will: (i) help reduce nonrevenue water; (ii) provide 24/7 water supply; and (ii) expand the drainage and sewerage network, including fecal sludge management and decentralized wastewater systems. The outcome will be improved urban service delivery in Jaipur and secondary towns in Rajasthan. The impact will be improved productivity, livability, and prosperity for the residents of Rajasthan. The TA will carry out due diligence on technical, economic, financial, governance, safeguards, gender, poverty, social, natural hazard and climate resilience aspects for the ensuing investment program. It is synchronized to maximize knowledge transfer and suggest the ways to suitably

coordinate with ongoing and other proposed projects in waste and wastewater sectors in Rajasthan. The TA will (i) enhance project readiness by assisting the Government of Rajasthan in undertaking advance actions, including identification of lands for project facilities; and (ii) assist in the preparation of a sector assessment, road maps, investment plan, and a pre-feasibility study for future projects.

Status of Consulting Services : Recruitment of consultants is being processed.

TA 9390-KGZ: Climate Resilience and Disaster Risk Reduction in Water Resources Management

Executing Agency : Ministry of Agriculture, Food Industry and Land Reclamation
TA Amount (\$'000) : 1,100.0
Business Opportunities Listing : 29 September 2017
Date Approved : 27 September 2017

The project aims to strengthen climate change and disaster resilience in the water sector of Kyrgyz Republic, with a focus on flood, landslide, and drought risks. The project interventions will be both structural (including civil works) and non-structural (including capacity building, planning, and training for disaster resilience). Its four key outputs will be: (i) modernization of irrigation infrastructure; (ii) introduction of disaster-resilient agricultural and land management practices; (iii) modernization of flood protection infrastructure; and (iv) improvement of disaster risk and water resources data collection and analysis. Its outcome will be improved climate change and disaster resilience of infrastructure and water security. The project will be aligned with the following impacts: (i) population and territories protected from emergencies; threats, risks and hazards forecasted; and (ii) climate change related damage and losses in the country prevented. The TA will develop the underlying climate change and disaster risk reduction framework and a disaster risk and water resources information system; and prepare the feasibility study of the investment subprojects.

Status of Consulting Services : Recruitment of consultants is being processed.

TA 9383-MON: Ulaanbaatar Air Quality Improvement Program

Executing Agency : Ministry of Finance
TA Amount (\$'000) : 250.0
Business Opportunities Listing : 27 September 2017
Date Approved : 21 September 2017

The policy-based loan program aims to support Ulaanbaatar, the capital city of Mongolia, to address the severe air pollution problem that constrains its sustainable and inclusive economic development. The key outputs of the program will be: (i) improvement of air pollution control regulatory framework and rationalization of implementation action plan; (ii) implementation of measures on air pollution reduction and health protection; and (iii) development and approval of environmentally sound and integrated urban and energy plans. The outcome will be implementation of effective air pollution control measures. The impact will be improvement of public health and living standards through reduced air pollution in Ulaanbaatar. The TA is required to meet the capacity building needs of implementing agencies and facilitate the compliance of

policy actions while improving their effectiveness and future sustainability. It will: (i) design and deliver environmental education and outreach programs; (ii) improve air quality and air pollution monitoring capacity; and (iii) assess and introduce green technologies, and financing mechanisms for their uptake.

Status of Consulting Services : Recruitment of consultants is being processed.

TA 9345-MYA: Second Mandalay Urban Services Improvement

Executing Agency : Mandalay Regional Government
TA Amount (\$'000) : 975.0
Business Opportunities Listing : 03 August 2017
Date Approved : 20 July 2017

The project will have two outputs: (i) upgraded urban infrastructure; and (ii) improved urban service management capacity. The first output will support the improvement of water supply systems and the wastewater management and shall cover solid waste management and urban transport management. The second output will include: (i) training programs in urban planning and management, municipal financial management, nonrevenue water reduction, tariff policy, and operation and maintenance; (ii) policy dialogue on cost recovery, climate change resilience, enabling environment for private sector participation, and integrated wastewater, solid waste, and flood risk management; and (iii) public awareness programs conducted on public health and environmental protection. These outputs will improve urban services, and improve urban environment and public health conditions in Mandalay. The TA will assess technical appropriateness, financial and economic viability, and environmental and social soundness of the project. It will: (i) prepare sector and subsector analyses; (ii) identify priority project outputs; (iii) conduct feasibility study of the proposed investments for priority infrastructure construction and improvements; and (iv) prepare institutional capacity strengthening and public awareness programs.

Status of Consulting Services : Recruitment of consultants is being processed.

TA 9337-NEP: Bagmati River Basin Improvement – Additional Financing

Executing Agency : Ministry of Urban Development
TA Amount (\$'000) : 225.0
Business Opportunities Listing : 10 July 2017
Date Approved : 03 July 2017

In 2013, ADB approved the Bagmati River Basin Improvement Project (BRBIP) to meet the bathing water quality standard at Pashupatinath Holy Temple during strategic festivals in the dry season. Its outputs will be: (i) establishment of systems and capacity for integrated and participatory river basin management; (ii) improved river bank environment in urban area over 7 kilometers of river corridors upstream and downstream of Pashupatinath Holy Temple; (iii) increased water availability in the basin during the dry season through the construction of 850,000 cubic meters Dhaph dam storage; and (iv) functioning flood forecasting and early warning system for the Bagmati River basin. The expected outcome is improved river health and flood management. The additional financing will provide the funds to complete the unfinished works under BRBIP output 2, and undertake additional works to: (i) improve the environment of 4.2 km

of riverbank in Kathmandu urban area; and (ii) increase water availability in the upper Bagmati River basin during the dry season by 1,400 liters per second through the construction of 8 million cubic meter water storage Nagmati dam upstream of the Kathmandu Valley and construction of four decentralized wastewater treatment systems. The TA is required to ensure that the additional financing meets ADB due diligence requirements and international standards for cultural heritage restoration works.

Status of Consulting Services : Consultants have been fielded.

TA 9343-PAK: Third Party Monitoring for Federally Administered Tribal Areas Water Resources Development

Executing Agency : FATA Secretariat
TA Amount (\$'000) : 225.0
Business Opportunities Listing : 25 July 2017
Date Approved : 11 July 2017

ADB approved in December 2014 the Federally Administered Tribal Areas (FATA) Water Resources Development Project that aims to increase farm incomes in the project area, reduce poverty, and increase household food security through improved agricultural productivity of selected watersheds and conservation of their associated natural resource base. FATA has a challenging security context, difficult topography, disperse and remote areas. Security situation is one of the major challenges, that could disrupt project activities. Mobility constraints and capacity issues also impede development. For better monitoring, many development partners have engaged third party monitoring (TPM) in FATA. The TA will provide resources for ADB administered TPM to independently validate as well as complement ongoing project support under loan financing. Its major outputs will be improvement and external validation of the project's: (i) environmental and social safeguards compliance; (ii) construction cost, time and quality control; and (iii) technical and economic viability, and sustainability.

Status of Consulting Services : Consultants have been fielded.

TA 9389-SRI: Implementation Support to the Rooftop Solar Power Generation

Executing Agency : Ministry of Finance;
 Ministry of Power and Renewable Energy
TA Amount (\$'000) : 1,000.0
Business Opportunities Listing : 27 September 2017
Date Approved : 26 September 2017

The project will provide long-term debt financing for the installation of rooftop solar photovoltaic power generation systems. Its outputs will be: (i) debt funding for rooftop solar power generation systems; (ii) development of rooftop solar market infrastructure and a bankable subproject pipeline; and (iii) building capacity and increasing awareness of stakeholders in Sri Lanka. The outcome will be enhanced clean power generation. The project is aligned with the following impact: increased access to clean and reliable power supply in Sri Lanka by 2025. The TA will address the technical and implementation matters of the project by: (i) establishing technical guidelines and standards to be followed by borrowers, vendors, and accredited engineers; (ii) assisting in the development of a viable subproject pipeline to catalyze market demand for funds;

(iii) supporting credit line implementation review, monitoring, and reporting; and (iv) conducting capacity building and awareness training and workshops for stakeholders.

Status of Consulting Services : Recruitment of consultants is being processed.

TA 9394-THA: Bangkok Mass Rapid Transit South Purple Line

Executing Agency : Mass Rapid Transit Authority
TA Amount (\$'000) : 1,500.0
Business Opportunities Listing : 06 October 2017
Date Approved : 29 September 2017

The government of Thailand aims to accelerate transport infrastructure investment to increase economic growth. The project will provide much needed additional mass rapid transit (MRT) corridor and capacity in Bangkok to improve the urban transport system by promoting modal shift from private vehicles to public transport. The project outputs will be: (i) construction and commissioning of Bangkok MRT South Purple Line; and (ii) improved capacity in implementing and managing urban rail MRT system. The outcome will be improved urban transport system in Bangkok for efficient and safe movements of people. This will contribute to the achievement of the government's goal of supporting sustainable and inclusive growth. The TA will prepare the necessary analyses and documentations to satisfy ADB's due diligence requirements, and will also support capacity development of agencies in implementing and managing the urban rail MRT system.

Status of Consulting Services : Recruitment of consultants is being processed.

TA 9351-UZB: Railway Efficiency Improvement

Executing Agency : O'zbekiston Temir Yo'llari
TA Amount (\$'000) : 1,000.0
Business Opportunities Listing : 23 August 2017
Date Approved : 07 August 2017

The project aims to improve the efficiency of railway operations in Uzbekistan. It has the following key outputs: (i) procurement of 24 electric locomotives; (ii) upgrading of locomotive depots; and (iii) implementation of an updated business plan which will improve the efficiency of the public railway operator. These will result in reduced travel costs and environmental impacts for passenger and freight transport throughout Uzbekistan's railway network. The project is aligned with implementation of targeted programs to build affordable housing, development and modernization of road transport, engineering, communications and social infrastructure achieved. The TA is needed to help the government prepare the project; develop the appropriate institutional conditions to allow the sound development of the railway sector in future years; and help develop capacity to implement the project. It will support the executing agency to: (i) conduct due diligence of the project; (ii) develop an improved business plan; and (iii) improve its capacity in project preparation and implementation.

Status of Consulting Services : Consultants have been fielded.

TA 9368-VIE: Northern to Central 500 kV Transmission Grid Reinforcement

Executing Agency : National Power Transmission Corporation
TA Amount (\$'000) : 1,000.0
Business Opportunities Listing : 27 September 2017
Date Approved : 11 September 2017

The project will support the Socialist Republic of Viet Nam to implement its Revised National Power Development Master Plan 2011–2020 which aims to support generation expansion plans that accommodate power demand growth requiring commensurate transmission grid expansion. It will construct a new 500 kilovolt transmission line from the northern to the central Viet Nam that will ensure more reliable power supply to load centers; and install the first intelligent transmission line monitoring system for efficient and proactive operation and maintenance. These solutions will result in the increased efficiency and reliability of power transmission grid from the Northern to Central region. The impact will be adequate and reliable power supply. The TA will conduct feasibility study and prepare the relevant project documents.

Status of Consulting Services : Recruitment of consultants is being processed.

TA 9347-REG: Pacific Urban Development Investment Planning and Capacity Development Facility

Executing Agency : Asian Development Bank
TA Amount (\$'000) : 1,800.0
Business Opportunities Listing : 31 July 2017
Date Approved : 27 July 2017

The TA facility aims to provide Pacific developing member countries (DMCs) with technical support and policy advice in urban development, capacity building, and project preparation for the following projects: (i) Koror–Airai Sanitation Project Phase 2 in Palau; (ii) Urban Water Supply and Sanitation Development Sector Project in Solomon Islands; (iii) Port Vila Urban Development Project Phase 2; and (iv) Luganville Urban Development Project in Vanuatu. These projects will help governments with long-term urban planning to ensure that services can be sustained, and encourage private sector and civil society organization involvement in the provision of urban infrastructure and services. The TA will provide: (i) urban sector project feasibility and preparation assistance; (ii) demand-driven urban technical advice, assessment, and capacity development; and (iii) enhanced knowledge sharing among Pacific DMCs. It will support the Pacific Approach 2016–2020 to provide: (i) stronger, better, faster project delivery through expanded use of regional approaches and faster delivery mechanisms; and (ii) improved generation and sharing of knowledge.

Status of Consulting Services : Recruitment of consultants is being processed.

2. CAPACITY DEVELOPMENT AND POLICY ADVICE

TA 9344-BAN: Capacity Development in Infrastructure Development Company Limited

Executing Agency	:	Ministry of Finance
TA Amount (\$'000)	:	750.0
Business Opportunities Listing	:	23 February 2017
Date Approved	:	18 July 2017

Infrastructure Development Company Limited (IDCOL) is the top infrastructure investment institution in Bangladesh. Its mandate is to catalyze and optimize private sector participation in the promotion, development, and financing of infrastructure projects in a sustainable manner, primarily through the public-private partnership modality. While IDCOL's current capacity is adequate to the current level of its operations, it is not equipped to cope with additional and more complex activities and demands, especially relating to large infrastructure subprojects in diversified sectors. The TA will help strengthen and develop IDCOL's: (i) integrated risk management framework; (ii) treasury management framework; (iii) resource management functionality; and (iv) capacities for social and environmental risk mitigation and gender equality results. These solutions will result to IDCOL's managerial and technical capacities enhanced. The impact will be IDCOL's balance sheet expanded in a prudent and risk-measured manner.

Status of Consulting Services : Recruitment of consultants is being processed.

TA 9326-PRC: Establishment of an Integrated Comprehensive Three-Tier System for Elderly Care

Executing Agency	:	Hebei Provincial Government
TA Amount (\$'000)	:	670.0
Business Opportunities Listing	:	25 September 2017
Date Approved	:	06 June 2017

The project will support the development of an integrated three-tier elderly care system (ECS) in Hebei Province by improving the quality and coverage of home, community, and residential elderly care services (ECSS) and facilities. The project will have four outputs: (i) improved community and home care services; (ii) increased residential elderly care service capacity and improved quality; (iii) improved development of human resources and industry capacity; and (iv) improved capacity of elderly care sector organizations. The outcome will be improved capacity of the ECS and quality of ECSS in Hebei. The impact will be an established comprehensive three-tiered ECS. The TA will provide support to local government county civil affairs bureaus to help build their sector management capacity and address key issues, including: (i) sector planning and regulation; (ii) social inclusion and assessment of care needs; and (iii) use of the civil society organizations (CSO) as resource to expand the scope and provision of elderly care services. It has six outputs: (i) a model demand-based elderly care sector plan and supporting planning manual; (ii) a demonstration elderly care assessment system, including user tool kits, computer software, and implementation guidance; (iii) model procedures for the effective regulation of elderly care service providers; (iv) the creation of a model arrangement for the effective involvement of the CSOs in elderly care provision; (v) a pilot online support for family caregivers; and (vi) effective TA dissemination.

Status of Consulting Services : Recruitment of consultants is being processed.

TA 9381-PRC: Support for the Guangxi Modern Technical and Vocational Education and Training Development

Executing Agency	:	Guangxi Zhuang Autonomous Region Government
TA Amount (\$'000)	:	600.0
Business Opportunities Listing	:	29 August 2017
Date Approved	:	20 September 2017

Despite steady economic growth in Guangxi Zhuang Autonomous Region (GZAR) since 2000, concern is growing that shortages of skilled labor could constrain socioeconomic development in GZAR. Although technical and vocational education and training (TVET) has been one of the sources of skilled labor, GZAR's TVET system lags in quality and relevance, failing to address developmental challenges effectively. The Guangxi Modern Technical and Vocational Education and Training Development Program will support the implementation of the GZAR Modern TVET System Development Plan, 2015–2020 formulated against this background. The program's outputs are: (i) enhanced industry relevance of TVET; (ii) improved quality of TVET; (iii) increased inclusiveness of TVET; and (iv) expanded role of TVET in regional economic development. The outcome will be a TVET system that provides graduates with better employment opportunities in GZAR's industries and the expected impact will be an accelerated socioeconomic development in GZAR. The TA is needed to develop the capacity of, and provide knowledge and expertise currently unavailable to the government, regarding quality assurance; practical and in-company training mechanisms for TVET teachers; TVET groups; modern apprenticeship programs; cooperation between TVET institutions and enterprises in GZAR and ASEAN countries; and program management, including safeguards. Additionally, independent third-party verification of the achievement of disbursement-linked indicators will be conducted under the TA.

Status of Consulting Services : Recruitment of consultants is being processed.

TA 9385-PRC: Shanxi Inclusive Agricultural Value Chain Development

Executing Agency	:	Shanxi Provincial Government
TA Amount (\$'000)	:	300.0
Business Opportunities Listing	:	07 August 2017
Date Approved	:	21 September 2017

The agriculture sector of Shanxi Province is the key to transforming the economy and addressing income disparity and poverty. It comprises various stakeholders, including farmers, cooperatives, and agribusiness companies involved in processing, marketing, and/or distribution. Those stakeholders form loose cooperation in the province. Poor performance of the agriculture sector in Shanxi stems from these underdeveloped value chains, which limits the ability to increase value addition and expand agricultural production. To help develop the agriculture sector of the Shanxi Province, the project will have the following outputs: (i) strengthened agricultural value chains; and (ii) piloted inclusive business mechanism. These will result to increased income-generating opportunities from selected local specialty agricultural products. The project is aligned with the following impacts: (i) all rural residents falling below the PRC's current poverty line and all poor counties lifted out of poverty, and poverty alleviation in all regions achieved; and (ii) rural–urban income disparity narrowed, and the proportion of the population in the middle-income class increased. The TA will support the provincial project management office administer the project, particularly in the areas of financial management, procurement, social safeguards and development, and environmental safeguard.

Status of Consulting Services : Recruitment of consultants is being processed.

TA 9304-IND: Capacity Building for RBL Bank in India

Executing Agency : RBL Bank Limited
TA Amount (\$'000) : 800.0
Business Opportunities Listing : 21 November 2017
Date Approved : 16 March 2017

RBL Bank is one of the smallest commercial banks in India, but it is also one of the fastest-growing private banks in the country. It has, as its core strategy, a focus on inclusive finance through support of micro, small, and medium-sized enterprises (MSME), agriculture, and other development banking activities. In 2016, ADB disbursed a loan to RBL for MSME onlending and in 2015 made an equity investment in RBL to support the bank's capital base. The TA will complement this funding to maximize the benefits to MSME borrowers and expand financial inclusion. It is expected to assist RBL in: (i) improving RBL's loan origination system (LOS) and loan management system; (ii) rolling out a one-stop rural portal; and (iii) training RBL staff on the LOS, the use of handheld devices, and effective customer service. The outcome will be improved quality of services provided to agriculture banking and development banking and financial inclusion clients resulting from RBL's improved IT systems. The impact will be increased lending by commercial banks to MSMEs, the agriculture sector, and low-income segments with the support of technology.

Status of Consulting Services : Recruitment of consultants is being processed.

TA 9318-IND: Capacity Development of Institutions in the Urban Sector of Madhya Pradesh

Executing Agency : Urban Administration and Development Department of the Government of Madhya Pradesh
TA Amount (\$'000) : 1,000.0
Business Opportunities Listing : 29 September 2017
Date Approved : 18 May 2017

The project adopts a sector approach in developing: (i) sustainable, inclusive, and climate-resilient water supply in 64 small and medium-sized towns; and (ii) integrated storm water and sewerage infrastructure in two tourist towns of national heritage in Madhya Pradesh state. It will have the following outputs: (i) improved water supply infrastructure and integrated storm water and sewage infrastructure; (ii) established systems to ensure sustainable urban infrastructure operations and management; and (iii) improved capacity of Madhya Pradesh Urban Development Company (MPUDC) and urban local bodies (ULB). The outcome will be improved quality, coverage, efficiency, and sustainability of urban service delivery in Madhya Pradesh. The impacts will be: (i) improved economic growth and urban living conditions, and (ii) reduced infant mortality in Madhya Pradesh. The TA will support capacity development of institutions in the urban sector of Madhya Pradesh. It will have three outputs: (i) improved septage management in the project towns by implementing sanitation safety plans; (ii) developed capacity of the MPUDC and ULBs in the project towns to manage the design–build–operate contracts and to manage assets after contract completion; and (iii) conducted awareness-raising activities relating to water preservation, environmental protection, and hygiene awareness in the project towns.

Status of Consulting Services : Recruitment of consultants is being processed.

TA 9330-IND: Odisha Skill Development

Executing Agency : Skill Development and Technical Education
Department
TA Amount (\$'000) : 2,000.0
Business Opportunities Listing : 26 September 2017
Date Approved : 21 June 2017

The project will help the Government of Odisha train about 200,000 youth aged 15–34 to increase their skills, employability, and income. It aims to train new entrants and existing workers in priority sectors such as manufacturing, construction, and services for formal employment. It will: (i) increase equitable access to market-responsive skills development programs; (ii) improve quality and relevance of skills development programs; (iii) strengthen skills ecosystem; and (iv) strengthen institutional capacity. The outcome will be increased skills and employment in the priority sectors for the working-age population. The impact will be reduced unemployment and underemployment rates for female and male youth by 2025. The TA is designed to strengthen the capacity of Odisha Skill Development Authority (OSDA) during the first 2 years of implementation and ensure that start-up activities are implemented effectively. It will help OSDA build its capacity in identifying specific skills needs, introducing short-term training responsive to market needs, and establishing market linkages with industries.

Status of Consulting Services : Recruitment of consultants is being processed.

TA 9378-IND: Supporting the Second West Bengal Development Finance Program

Executing Agency : Finance Department - Government of West Bengal
TA Amount (\$'000) : 500.0
Business Opportunities Listing : 25 September 2017
Date Approved : 20 September 2017

The program seeks to facilitate the continuation of a comprehensive fiscal consolidation program in West Bengal initiated in 2012. This will generate fiscal savings and thereby assist West Bengal to augment growth-enhancing development financing and improve the delivery of public services. The program has three output areas: (i) acceleration of expenditure rationalization efforts; (ii) improvement of private investment facilitation; and (iii) strengthening of revenue administration. The outcome will be improved and sustained investment in the state, particularly in the social and economic sectors. The impact of the program will be improved accessibility, quality, and affordability of public services. The TA will support the Government of West Bengal to comply with all policy conditions under the second program. It will enhance capacity in the following areas: (i) revenue administration; (ii) project appraisal and monitoring capacity; (iii) medium-term expenditure frameworks; (iv) West Bengal Investment and Infrastructure Development Fund operationalization; and (v) internal audit.

Status of Consulting Services : Recruitment of consultants is being processed.

TA 9333-INO: Promoting Innovative Financial Inclusion

Executing Agency : Fiscal Policy Office – Ministry of Finance
TA Amount (\$'000) : 800.0
Business Opportunities Listing : 29 September 2017
Date Approved : 28 June 2017

The program supports the government's main reform priorities in developing and making the finance sector more inclusive, and represents a medium- to long-term partnership between ADB, the government, and the Financial Services Authority (OJK). It will: (i) strengthen regulatory structure for financial stability; (ii) deepen financial market; and (iii) enhance financial inclusion. The outcome will be increased development and inclusiveness of the financial sector. The impact will be increased annual growth rate of the finance sector. The TA will support the government and the OJK to advance the financial inclusion. It will: (i) increase access to finance through innovative approaches; (ii) broaden financial literacy; and (iii) enhance consumer protection.

Status of Consulting Services : Recruitment of consultants is being processed.

TA 9370-INO: Scaling Up Energy Efficiency

Executing Agency : Coordinating Ministry for Economic Affairs;
 Ministry of Energy and Mineral Resources
TA Amount (\$'000) : 1,000.0
Business Opportunities Listing : 19 September 2017
Date Approved : 14 September 2017

The program supports the revival of Indonesia's underperforming energy sector through reforms initiated in 2014–2015. It aims to provide access to clean energy options for all Indonesians. It will have the following outputs: (i) improved fiscal sustainability and sector governance; (ii) enabled private participation in the power and gas markets; and (iii) improved regulatory environment for increased access to clean energy options. The outcome will be increased supply from sustainable and more accessible energy sources. The impact will be increased domestic energy security and access to modern forms of energy, as reflected in the National Medium-Term Development Plan. The TA will support the Ministry of Energy and Mineral Resources in scaling up energy efficiency programs in the country by: (i) rolling out minimum efficiency performance standards and a labeling program for several household appliances; (ii) accrediting national testing laboratories for the identified appliances; (iii) establishing the regulatory basis for energy service companies to serve the needs of government entities; and (iv) improving capacity for energy savings performance contracting.

Status of Consulting Services : Recruitment of consultants is being processed.

TA 9320-MON: Banking Sector Rehabilitation and Financial Stability Strengthening Program

Executing Agency : Ministry of Finance
TA Amount (\$'000) : 1,500.0
Business Opportunities Listing : 27 September 2017
Date Approved : 30 May 2017

The program supports the Government of Mongolia to stabilize and restructure the banking industry, strengthen financial stability, and enhance competition among banks. Its outputs will be: (i) completion of framework for bank restructuring; (ii) enhancement of financial stability; and (iii) strengthening of finance sector's capacity and governance. The outcome will be a strengthened and stable banking industry. The impact will include a well-developed finance sector, a stable financial system that helps the poor and vulnerable, and a diversified economic structure not vulnerable to commodity price fluctuations. The TA will support the creation of an asset management company, corporate sector revitalization, and privatization of the State Bank.

Status of Consulting Services : Consultants have been fielded.

TA 9334-NEP: Strengthening the Capacity of Nepal's Energy Sector to Deliver Gender Equality and Social Inclusion Results

Executing Agency : Nepal Electricity Authority
TA Amount (\$'000) : 2,000.0
Business Opportunities Listing : 13 September 2017
Date Approved : 29 June 2017

The project will enhance the distribution capacity and improve the reliability and quality of electricity supply in the Kathmandu Valley by reducing distribution system overloads and technical and commercial losses, and strengthening associated transmission lines through the Nepal Electricity Authority (NEA). It aims to support the implementation of other system efficiency upgrades and energy efficiency measures, such as the use of advanced grid operations software, distribution system automation, and smart metering. It will: (i) strengthen the transmission grid capacity to feed the primary distribution networks for the Kathmandu Valley; (ii) rehabilitate the Kathmandu Valley distribution network and increase its capacity; (iii) enhance operational and financial performance of NEA distribution centers; and (iv) develop NEA's capacity to operate and manage an advanced distribution system and intelligent network (smart grid) technology with gender equality and social inclusion (GESI) aspects in electricity access. The outcome will be improved access to efficient, adequate, and high-quality power supply in the Kathmandu Valley. The impact will be the achievement of a reliable and efficient electricity supply for all, aligned with the Government of Nepal's action plan to overcome the country's energy crisis. The TA aims to support NEA and its Environment and Social Studies Department in capacity development of staff on GESI, and in developing a GESI strategy and operational guidelines, a social safeguards guide, and a manual for NEA.

Status of Consulting Services : Recruitment of consultants is being processed.

TA 9346-NEP: South Asia Subregional Economic Cooperation Customs Reform and Modernization for Trade Facilitation

Executing Agency : Department of Customs
TA Amount (\$'000) : 1,000.0
Business Opportunities Listing : 14 July 2017
Date Approved : 24 July 2017

The program aims to contribute to Nepal's national goals in promoting and diversifying exports, and help the country fulfill its commitments to the Trade Facilitation Agreement of the World Trade

Organization and related international standards on customs. Its outputs will be: (i) improved national policy and legal framework for trade facilitation; (ii) improved customs procedures; (iii) strengthened Nepal's Department of Customs' (DOC) organizational structure; and (iv) enhanced DOC's capacity. The outcome will be increased access by legitimate trade to simplified, harmonized, and modernized trade processes. Its impact will be expanded exports and increased export competitiveness of Nepal. The TA is needed to help strengthen DOC's capacity to execute reform measures which are the strategic priorities of the 4-year national strategy, Customs Reform and Modernization Strategies and Action Plan (CRMSAP) 2017–2021. It will: (i) align the legal and regulatory frameworks with international standards; (ii) operationalize the enhanced automated systems and streamlined customs processes; (iii) strengthen DOC's organizational structure; and (iv) enhance DOC's capacity to ensure the timely and effective implementation of the CRMSAP 2017–2021.

Status of Consulting Services : Consultants have been fielded.

TA 9384-NEP: Strengthening Capacity for Urban Planning, Urban Design, and Investment Planning

Executing Agency : Ministry of Urban Development
TA Amount (\$'000) : 1,000.0
Business Opportunities Listing : 25 September 2017
Date Approved : 22 September 2017

The project will improve the resilience and delivery of urban services and facilities in eight municipalities in the southern Terai region, including four municipalities from the less-developed Province 7 in the far west of Nepal. It will support municipal infrastructure investments, urban planning, and institutional strengthening. Its outputs will be: (i) constructed or rehabilitated urban infrastructure in eight municipalities with climate-resilient and sustainable designs; (ii) strengthened municipal capacity; and (iii) improved project preparation capacity. The outcome will be quality, sustainable, and disaster-resilient urban services, and improved competitiveness in eight municipalities of the Terai region. The project is aligned with the following impacts: sustainable, inclusive, and resilient urban areas developed; and a balanced and prosperous subnational urban system achieved. The TA will strengthen the capacity for urban and regional planning and design of the Department of Urban Development and Building Construction and municipalities; and strengthen capacity for scaling up urban infrastructure investments.

Status of Consulting Services : Recruitment of consultants is being processed.

TA 9322-UZB: Affordable Rural Housing Program

Executing Agency : Ministry of Economy
TA Amount (\$'000) : 750.0
Business Opportunities Listing : 01 June 2017
Date Approved : 01 June 2017

The program will support a portion of the Government of Uzbekistan's State Affordable Rural Housing Program (SARHP), which aims to improve the quality of life in rural areas of Uzbekistan through rural housing construction, employment generation, and private sector development. It has the following key outputs: (i) use of social equity criteria and national quality standards in

beneficiary selection, site selection, and housing construction implemented; (ii) improved policies and systems for the rural housing sector; and (iii) strengthened program management and performance monitoring. The outcome will be an increased number of rural families meeting the social equity criteria benefit from affordable housing constructed in accordance with national quality standards. The impact is aligned with improved quality of life in rural areas of Uzbekistan by providing affordable housing. The TA will have four outputs/activities: (i) government assistance in effective implementation of the program through a management and performance monitoring system that will enable comprehensive program monitoring, analysis, and information reporting and sharing; (ii) capacity building for strengthening program systems in the three participating commercial banks and Qishloq Qurilish Invest (QQI); (iii) technical advice to QQI in complying with the action plan to enhance governance, financial management, accounting, and reporting; and (iv) independent verification of disbursement-linked indicators.

Status of Consulting Services : Consultants have been fielded.

(B) KNOWLEDGE AND SUPPORT TECHNICAL ASSISTANCE PROJECTS NOT EXCEEDING \$225,000

TA 9367-KAZ: Samruk-Energy Green Transformation

Executing Agency : "Samruk Energy" Joint-Stock Company
TA Amount (\$'000) : 225.0
Business Opportunities Listing : 29 September 2017
Date Approved : 08 September 2017

Samruk-Energy is the largest electricity generation company in Kazakhstan. It is one of the seven state-owned enterprises owned by Samruk Kazyna planned for initial public offering (IPO). Separately, the government approved in 2013 the Concept for Transition of the Republic of Kazakhstan to Green Economy, which sets targets for power generation from renewable energy sources of 3% by 2020 and 10% by 2030. Following the government's development goals, Samruk-Energy adopted the Long-term Development Strategy 2015–2025, and plans to increase their power generation capacity from renewable sources by up to 10% in 2025. In preparation for the IPO, Samruk-Energy is implementing a comprehensive corporate transformation program. The TA will support its corporate transformation and balance sheet restructuring planning. It aims to help Samruk-Energy transform and be a more efficient and green company and prepare itself for anticipated IPO. It will have three major outputs: (i) report on Samruk-Energy's corporate transformation program covering the assessment of the activities and their impact on the energy sector and the whole economy of Kazakhstan, and recommendations; (ii) detailed historical and pro-forma financial analysis of Samruk-Energy with a financial model to support the analysis and planning of balance sheet restructuring; and (iii) an environmental and social safeguard audit of Samruk-Energy's current environmental and social management system with recommendations to fill any gaps to meet international standards.

Status of Consulting Services : Recruitment of consultants is being processed.

TA 9392-PAK: Preparing Health Sector Assessment

Executing Agency : Asian Development Bank
TA Amount (\$'000) : 225.0
Business Opportunities Listing : 03 October 2017
Date Approved : 27 September 2017

Health indicators in Pakistan are among the lowest in the region and health outputs within Pakistan vary significantly per province. For instance, Khyber Pakhtunkhwa (KP) has consistently performed below the national average of Pakistan. In the wake of the 18th Constitutional Amendment, the Government of Khyber Pakhtunkhwa has made improving health outcomes a top priority, alongside with increasing health financial protection and expanding access to quality affordable healthcare. The government has requested ADB's financial support to enhance its health sector reforms which is included in the 2018 pipeline of the Country Operations and Business Plan. The TA will conduct essential due diligence required for preparing a solid program for supporting health sector reforms in KP. Its key outputs will be: (i) health sector assessment; and (ii) identification of priority policy reforms. These outputs will result in improved health sector strategy which will lead to an improved health status of the population in KP.

Status of Consulting Services : Recruitment of consultants is being processed.

(C) TECHNICAL ASSISTANCE CLUSTER SUBPROJECTS

TA 9361-INO: Sustainable Infrastructure Assistance Program - Facilitating Regional Cooperation and Integration between Indonesia and Timor-Leste through Enhanced Cross-border Cooperation (Subproject 11)

Type of Technical Assistance	:	Knowledge and Support – Research and Development
Executing Agency	:	Directorate of Transport, BAPPENAS
TA Amount (\$'000)	:	200.0
Business Opportunities Listing	:	29 August 2017
Date Approved	:	23 August 2017

The Government of Indonesia has highlighted the importance of continued support for infrastructure development to sustain inclusive growth. Its development strategy includes both the urban areas of Java Island, and rural areas and islands in eastern Indonesia, where infrastructure development is very limited. The Sustainable Infrastructure Assistance Program (SIAP) aims to support the government's efforts to meet its development goals by improving the investment climate, associated policies and institutional capacity for infrastructure development. Subproject 11 (SP11) fits the priorities of the SIAP, where ADB's Indonesia country partnership strategy, development partnerships, private sector development including PPPs, knowledge management, governance and capacity development, and regional cooperation are supported. SP11 will provide critical inputs for a knowledge and support TA of ADB's Economic Research and Regional Cooperation Department on "Implementing the Regional Cooperation and Integration Operational Plan" which will support the implementation of the Operational Plan for Regional Cooperation and Integration, 2016–2020. SP 11 will provide reports on: (i) cross-border services for small and medium enterprises; and (ii) transport connectivity enhancement to support trade demand. Its outcome will be options for more innovative regional cooperation and integration interventions on cross-border trade and investment for Indonesia which will lead to improved Indonesia's cross-border connectivity and competitiveness in connected markets.

Status of Consulting Services : Consultants have been fielded.

TA 9362-INO: Sustainable Infrastructure Assistance Program - Strengthening Results-Based Lending Independent Monitoring in Irrigation (Subproject 10)

Type of Technical Assistance	:	Transaction – Capacity Development
Executing Agency	:	Directorate General of Water Resources
TA Amount (\$'000)	:	800.0
Business Opportunities Listing	:	01 September 2017
Date Approved	:	24 August 2017

The Integrated Participatory Development and Management of Irrigation Program will support the Government of Indonesia in implementing its irrigation improvement program, 2015–2025, which advances the overarching agenda of food security and rural poverty reduction through increased and improved water delivery. The focus of ADB support will be on improving irrigation system operation, maintenance, and water delivery to farmers. The program will have the following key outputs: (i) strengthened systems and institutional capacity for sustainable irrigated agriculture; (ii) improved irrigation operation, maintenance, and management; and (iii) improved irrigation infrastructure. The program's impacts will be improved rural incomes and

livelihoods, and enhanced food security. The TA will support the Ministry of Public Works and Housing in effectively implementing the program to accelerate the delivery of the 2015–2019 National Medium-Term Development Plan targets. It will complement the program to help address key gaps identified during program processing. The TA will also provide technical advice to upgrade the monitoring and evaluation system and procedures to ensure a timely and accurate reporting of the program key indicators.

Status of Consulting Services : Recruitment of consultants is being processed.