



# Asian Development Bank Liaison Office INTERNATIONAL MARKET INSIGHTS

CS ADB  
June 2014

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## ASIA & PACIFIC: INTERNATIONAL MARKET INSIGHTS

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This International Market Insight (IMI) is a compilation of development projects funded by the Asian Development Bank (ADB). It is distributed monthly to alert U.S. firms to consulting and other procurement opportunities resulting from ADB loan projects, technical assistance (TA) and grants. In 2013, ADB provided \$13.19 billion for loans, \$849 million for grants and \$149 million for TA.<sup>1</sup> This IMI can be your firm's link to these opportunities.

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<sup>1</sup> *Statement of the Asian Development Bank's Operations in 2013*

## I. ANNOUNCEMENT

### 9th Asia Clean Energy Forum 2014

We would like to encourage you to participate in ADB and USAID's **9<sup>th</sup> Asia Clean Energy Forum 2014** at **ADB Headquarters, Manila, Philippines** from **June 16 – 20, 2014**.

ADB and USAID have jointly organized the Asia Clean Energy Forum (ACEF) since 2006, with the aim of sharing best practices in policy, technology, and finance to meet the region's climate and energy security challenges. In 2013, more than 640 people from 55 countries attended. In 2014, ACEF will take a new approach, focusing more on demand driven and wider opportunities on clean energy.

Websites:

- [http://www.adb.org/news/events/9<sup>th</sup>-asia-clean-energy-forum-2014](http://www.adb.org/news/events/9th-asia-clean-energy-forum-2014)
- <http://www.asiacleanenergyforum.org/>

Registration link:

[http://www.asiacleanenergyforum.org/index.php?option=com\\_content&view=article&id=40&Itemid=36](http://www.asiacleanenergyforum.org/index.php?option=com_content&view=article&id=40&Itemid=36)

Deadline for registration is extended to **June 10**.

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Please let us know if we can be of assistance in the registration process.

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## II. PROJECT LIST BY SECTOR

Country	Projects	ADB Assistance
<b>Note: Click on the project title for full details.</b>		
<b>AGRICULTURE and NATURAL RESOURCES SECTOR</b>		
India	<a href="#">Climate-Resilient Coastal Protection and Management Project</a>	Approved TA
Tajikistan	<a href="#">Water Resources Management in Pyanj River Basin</a>	Approved TA
<b>EDUCATION SECTOR</b>		
Bangladesh	<a href="#">Skills for Employment Investment Program</a>	Approved loan
China	<a href="#">Chongqing Vocational Training Information Management Platform Development</a>	Approved TA
<b>ENERGY SECTOR</b>		
India	<a href="#">Advanced Project Preparedness for Poverty Reduction - Project Preparation and Implementation Support for Odisha Power Sector Emergency Assistance (Subproject 31)</a>	Approved TA
Mongolia	<a href="#">Transaction Advisory Services for the Combined Heat and Power Plant 5</a>	Approved TA
Mongolia	<a href="#">Energy Efficiency and Urban Environment Improvement</a>	Approved TA
Myanmar	<a href="#">Off-Grid Renewable Energy Demonstration Project</a>	Approved TA
Pakistan	<a href="#">Sustainable Energy Sector Reform Program - Subprogram 1</a>	Approved loan
Pakistan	<a href="#">Determining the Potential for Carbon Capture and Storage</a>	Approved TA
Solomon Islands	<a href="#">Provincial Renewable Energy Project</a>	Approved grant
<b>ENVIRONMENT SECTOR</b>		
Cambodia	<a href="#">Flood Damage Emergency Reconstruction Project (Additional Financing)</a>	Approved loan
Kiribati	<a href="#">South Tarawa Sanitation Improvement Sector Project (formerly Tarawa Sanitation Improvement Project)</a>	Approved grant
<b>INDUSTRY, FINANCE, and OTHER SECTORS</b>		
Cambodia	<a href="#">Flood Damage Emergency Reconstruction Project (Additional Financing)</a>	Approved loan
China	<a href="#">Support for the Thirteenth Five-Year Plan</a>	Approved TA
Myanmar	<a href="#">Strengthening Institutions for a Better Investment Climate</a>	Approved TA
Philippines	<a href="#">Strengthening Evaluation and Fiscal Cost Management of Public-Private Partnerships in the Philippines</a>	Approved TA
Regional	<a href="#">Mainstreaming Results-Based Public Sector Management-Supporting the Initiatives of the Asia-Pacific Community of Practice on Managing for Development Results</a>	Approved TA
Regional	<a href="#">Support for ASEAN+3 Bond Market Forum: Regional Standardization of Bond Issuance Framework and Transaction Flows</a>	Approved TA
Regional	<a href="#">Enhancing Transparency and Exchange of Information for Tax Purposes</a>	Approved TA
Regional	<a href="#">Sustainable Energy Training Program 2014</a>	Approved TA
Regional	<a href="#">Facilitating Trade for Fragile and Landlocked States in the post-Bali Institutional Environment</a>	Approved TA
Regional	<a href="#">Implementation of Microfinance Industry's Client Protection Principles</a>	Approved TA
Regional	<a href="#">Selected Evaluation Studies for 2014</a>	Approved TA
Regional	<a href="#">Supporting the Use of Carbon Financing from New Carbon Market Mechanisms to Promote Green Growth in Asia and the Pacific</a>	Approved TA
<b>URBAN DEVELOPMENT SECTOR</b>		
China	<a href="#">Gansu Baiyin Urban Development II Project</a>	Approved TA

### III. LOAN

NOTE: Please click on the project title to access full project information.

#### BANGLADESH

##### Skills for Employment Investment Program

**Loan No.** : 0081  
**Project No.** : 42466-014  
**Amount (US \$ million)** : 350  
**Sector** : Education

Responsible ADB Officer: Brajesh Panth (E-mail: [bpanth@adb.org](mailto:bpanth@adb.org))  
South Asia Department, Human and Social Development Division

Status: ADB Board approved on 19 May 2014.

Description: The investment program will support the Government of Bangladesh's reforms in skills development, anchored in the National Skills Development Policy (NSDP), 2011. It will support large-scale private sector involvement and public-private partnership, which is critical to meet existing and future labor market needs and to reduce skills gap. This in turn is crucial for Bangladesh to move away from the 'low-skill, low-wage equilibrium' to a 'higher skill, higher wage virtuous cycle' to become a middle-income country. The investment program will help the government scale-up skilling of new entrants and up-skilling of existing workers to contribute to higher growth of priority sectors. It will strengthen skills development in Bangladesh and support transition to a sector-wide approach (SWAp) by establishing a unified funding system and enhancing overall coordination of the currently fragmented system.

Impact: increased income and productivity of the working population aged 15 years and over.

Outcome: Increased employment in priority sectors and skills for males and females

##### Outputs:

- Market responsive inclusive skills training delivered
- Quality assurance system strengthened
- Institutions strengthened
- Effective program management

##### Business Opportunities

- Consulting Services: All consultants will be selected using ADB's Guidelines on the Use of Consultants (2013, as amended from time to time). Since this program is being financed by ADB's Special Fund resources and ADB will also be administering co-financing to be provided by the Government of Switzerland, ADB's member country eligibility restrictions will not apply to this program. Up to nine industry associations and PKSF will be contracted by the executive agency using single source selection to deliver skills training in agreed sectors and skills areas.

There are no Consulting Services Recruitment Notices currently available for this project.

- Procurement: The government will procure all goods, works, and consulting services for the investment program. Goods and civil works will be procured in accordance with ADB's Procurement Guidelines (2013, as amended from time to time). Goods valued at more than \$1 million and works valued at more than \$2 million will be procured using international competitive bidding and ADB's standard bidding documents, and be subject to prior review. Goods and works

valued below the international competitive bidding threshold will be procured using national competitive bidding in accordance with the government's Public Procurement Act (2006) and its Public Procurement Rules (2008), subject to modifications agreed by the government and ADB.

- There are no procurement notices currently available for this project.

Procurement Plans: <http://www.adb.org/projects/documents/skills-employment-investment-program-pp>

## CAMBODIA

### Flood Damage Emergency Reconstruction Project (Additional Financing)

**Loan No.** : 3125  
**Grant No.** : 0285  
**Project No.** : 46009-003  
**Amount (US \$ million)** : 91  
**Sector** : Multisector

Responsible ADB Officer: Piseth Long (E-mail: [plong@adb.org](mailto:plong@adb.org))  
Southeast Asia Department, Cambodia Resident Mission

Status: ADB Board approved on 11 April 2014.

Description: The project, using funds provided under an Additional Financing Loan, will assist the Royal Government of Cambodia (RGC) to meet urgent reconstruction priorities created by the 2013 flood, in parallel with finalizing the similar 2011 Flood Damage Emergency Reconstruction Project. Continuing with the same sector agencies, the project focus will be to reconstruct: (i) roads (national, provincial, and rural), including bridges and culverts; and (ii) irrigation facilities; damaged by flash floods in September/October 2013. The project will also assist the Government to strengthen its flood forecasting, warning and management capacity in western province catchments, where adverse impacts arise due to unmeasured flows entering the country from Thailand. The reconstruction of damaged infrastructure will concentrate on subprojects in the most severely affected provinces of Battambang, Banteay Meanchey, Oddar Meanchey, Siem Reap, Kampong Thom and Kampong Cham provinces. The Ministry of Economy and Finance (MEF) will be the executing agency (EA) of the project. The Ministry of Public Works and Transport (MPWT); Ministry of Rural Development (MRD); and Ministry of Water Resources and Meteorology (MOWRAM) are the implementing agencies (IAs).

The project has four outputs.

- Output 1: National and provincial roads rehabilitated. This project output will include reconstruction of flood-damaged national and provincial roads in five provinces. In Kampong Cham, one bridge along provincial road 270, which was severely weakened by the floods, will be replaced and 16.19 km of national road 70 will be reconstructed. In Banteay Meanchey, 25 km of provincial road 156D and 24.8 km of provincial road 2563 will be repaired and upgraded, and two bridges replaced. In Kampong Thom, 8.15 km of provincial road 264E and 7.50 km of provincial road 264D will be reconstructed. In Siem Reap, 11.3 km of provincial road 265F and 6 km of national road 63 will be reconstructed. In Battambang, 19.7 km of provincial road 1570 will be reconstructed. Stage 1 works have already been completed under government funding to restore minimum function of national and provincial roads.
- Output 2: Rural roads rehabilitated. There has been extensive damage to many rural roads as a result of the floods such that lifelines, particularly in project areas, were cut off. The highest priority stage 2 works comprise 115 km of rural roads, to benefit 125,414 people in the selected provinces, by rehabilitation of damaged surface and structures. Stage 3 works comprise 142 km

of rural roads, to benefit 158,993 people, through improvements for reliable and more efficient access between rural communities and markets. Improved traffic flow and efficient communications will lead to reduced fuel consumption. These roads were selected from the five priority provinces of Banteay Meanchey, Battambang, Kampong Cham, Kampong Thom, and Siem Reap. The stage 3 roads involve upgrading of a subset of the stage 2 roads, and are selected based on priority requirements for improvement and long-term climate resilience.

- Output 3: Irrigation rehabilitated and improved flood management. At least nine flood-damaged irrigation schemes covering about 37,500 hectares will be rehabilitated and improved in five provinces Banteay Meanchey, Battambang, Kampong Thom, Oddar Meanchey, and Siem Reap. Stage 2 works will involve urgent rehabilitation to restore service functionality for implementation during the 2014 dry season. Stage 3 works will be upgraded with infrastructure improvements, to be implemented during the 2015 and 2016 dry seasons. Civil works and development of hydromet capacity will increase future flood resilience and contribute to mitigation strategies to lower risk arising from climate change. The pilot development of a hydromet system in three river catchments will form the basis for improved flash flood forecasting capacity in western catchments. When complete, it will provide real time data to support the implementation of a strategic flood management plan and mitigate recurrent flood risks emanating from large flows in those catchments that impact water storages and infrastructure. The hydromet equipment will be complementary to the strategic water management plan, being developed under ADB's program.
- Output 4: Project management and facilitation. This output will support the Ministry of Finance, as executing agency, in overseeing and managing the project. It will be supported by consultants to ensure that fiduciary and safeguards procedures are followed and that implementation schedules are kept on track. Consulting services will be provided to assist the executing agency and implementing agencies with project management support as well as assistance with the coordination and development of a cross-sector flood management strategy for the affected areas.

Impact: Economic and social recovery from the 2013 floods in project provinces

Outcome: Reconstruction of critical infrastructure to restore livelihoods, access and protection against future flooding

Outputs:

- National and provincial roads rehabilitation
- Rural roads rehabilitation
- Irrigation rehabilitation and flood management
- Project management and facilitation

#### Business Opportunities

- Consulting Services: Consultant support will be extended for the additional financing under variation orders to support the PCMU and the three implementing agencies. Under outputs 1 3, the existing international consulting firms in association with national consulting firms will be invited to continue assisting each of the three implementing agencies with additional financing subproject design and supervision. Individual consultants (one international and two national) will be invited to continue providing assistance to the PCMU under output 4. The engagement of consultants under ADB financing will be carried out in accordance with ADB's Guidelines on the Use of Consultants (2013, as amended from time to time).

There are no Consulting Services Recruitment Notices currently available for this project.

- Procurement: Stage 2 contracts will be awarded under direct contracting, using those contractors that performed well under the Flood Damage Emergency Reconstruction Project, subject to following relevant prior- and post-review processes. Procedures are to be documented in each component's procurement plan. Stage 3 contracts are expected to start after the 2014 wet

season. Competitive procurement procedures will be followed for all stage 3 project packages. Civil works packages of less than \$4 million may be procured using national competitive bidding, with international competitive bidding for larger packages, as per procedures outlined in the procurement plans. Procurement will be carried out in accordance with ADB's Procurement Guidelines (2013, as amended from time to time). Detailed procedures are outlined in the PAM.

There are no procurement notices currently available for this project.

## PAKISTAN

### Sustainable Energy Sector Reform Program - Subprogram 1

**Loan No.** : 3126  
**Project No.** : 47015-001  
**Amount (US \$ million)** : 404  
**Sector** : Energy

Responsible ADB Officer: F. Cleo Kawawaki (E-mail: [fkawawaki@adb.org](mailto:fkawawaki@adb.org))  
Central and West Asia Department, Energy Division

Status: ADB Board approved on 24 April 2014.

Description: This program will help the Government with the short-term stabilization measures and start the long-term restructuring for a sustainable power sector.

Impact: Economic growth through sustainable energy sector

Outcome: Reliable, sustainable, and affordable energy system

#### Outputs:

1. Managing tariffs and subsidies: (i) Clear policies on tariffs and subsidies that are targeted at low-income customers; (ii) Ensure policy implementation through NEPRA rules and guidelines; (iii) Reduction of discretionary policy decisions and of lag in tariff approval and implementation
2. Improving sector performance and market access for private sector participation: (i) Reducing losses and improving collection rate of DISCOs; (ii) Improving demand-side efficiency and strengthening energy conservation; (iii) Managing generation costs through least-cost planning, and ensuring that new power generation plants follow the plan; (iv) Increasing gas supply and opening the gas market to direct contracting between producers and large-volume gas consumers; (v) Commercializing and improving the performance of public sector power companies; (vi) Institutionalizing the commercial operations of the CPPA
3. Achieving accountability and transparency in the power sector

#### Business Opportunities

- Consulting services: There are no Consulting Services Recruitment Notices currently available for this project.
- Procurement: There are no procurement notices currently available for this project.

#### IV. TECHNICAL ASSISTANCE

PLEASE NOTE: Please click on the project title to access full project information. Technical assistance (TA) is used to prepare and implement projects, and support advisory and regional activities of the bank. ADB is no longer issuing TA project alerts classified according to type, i.e., project preparatory technical assistance (PPTA), advisory technical assistance (ADTA), etc. If you want to know the specific TA classification, please contact our office or inquire directly with the bank.

#### CHINA

##### A. Support for the Thirteenth Five-Year Plan

**TA No.** : 8641  
**Project No.** : 48093-001  
**Amount (US \$ million)** : 0.96  
**Sector** : Multisector

Responsible ADB Officer: Philip Han Chang (E-mail: [philipchang@adb.org](mailto:philipchang@adb.org))  
East Asia Department, PRC Resident Mission

Status: ADB Board approved on 22 April 2014.

Description: The objective of this technical assistance (TA) is to assist the PRC in preparing the 13<sup>th</sup> FYP to overcome the middle income trap and achieve more inclusive and sustainable development. The scope of this TA includes a background analysis of the PRC's current development and challenges, socio-economic structure, growth potential, internal and external forces that are likely to drive change in the next 5 years. ADB's knowledge contribution towards the PRC's preparation of the 13<sup>th</sup> Five-Year plan will be made, not only through this particular TA, but also through many other recent, ongoing, and planned knowledge work by various "knowledge producers" within ADB.

This TA will primarily focus on the three key challenges:

1. Industrial transformation. The TA will examine issues such as industrial upgrading and innovations (policies, institutions, technical progress, governance and capacity), high-quality service sector development, role of state-owned enterprises (SOEs) and small and medium enterprises (SMEs), role of private sector, power of the market, and financial sector efficiency. This part of the work will also draw on recent, ongoing, and planned ADB knowledge work in this area to avoid duplication.
2. Rural-urban transformation. The TA will examine issues such as balanced rural-urban development (e.g. inclusive development, and rural and urban infrastructure including transport), service provision and benefits (including migrants); security of tenure and equitable benefit from transfer of operating rights, agricultural modernization, and agribusiness transformation. This part of the work will also draw on recent, ongoing, and planned ADB knowledge work in this area (e.g. industrial relocation, rural-urban integration, urban and rural transport, and agricultural transformation) to avoid duplication.
3. Human resource transformation. The TA will examine issues such as surplus labor, aging population, human resource development, entrepreneurship, capacity development to support the above transformations, vocational education and training, and the role of knowledge. This part of the work will also draw on recent, ongoing, and planned ADB knowledge work (e.g. technical and vocational education and training) in this area to avoid duplication. The TA will analyze the key issues under each of the 3 areas, and provide appropriate policy recommendations. The proposed reforms will be sequenced and linked to the central theme of overcoming the middle income trap.

Impact: Achieved more inclusive and sustainable development and overcome the middle income trap.

Outcome: Improved policy and regulatory environment to support industrial transformation, rural-urban transformation, and human resource transformation.

Outputs:

- Reports: (i) 1 main report (a synthesis of 3 sub-reports); (ii) 3 sub-reports on a. Industrial Transformation
- Rural-urban Transformation
- Human Resource Transformation Workshops
- Field research
- Dissemination event

Business Opportunities

- Consulting Services: A total of 33 person-months of individual consulting services (two international consultants for 9 person-months and four national consultants for a total of 24 person-months) will be provided. The TA will also engage resource persons for workshops and specific technical inputs. The consultants will be engaged in line with ADB's Guidelines on the Use of Consultants (2013, as amended from time to time).

There are no Consulting Services Recruitment Notices currently available for this project.

- Procurement: All procurement will be done in accordance with ADB's Procurement Guidelines (2013, as amended from time to time).

There are no procurement notices currently available for this project.

**B. Gansu Baiyin Urban Development II Project**

**TA No.** : 8381  
**Project No.** : 46062-001  
**Amount (US \$ million)** : 0.82  
**Sector** : Multisector

Responsible ADB Officer: Satoshi Ishii (E-mail: [sishii@adb.org](mailto:sishii@adb.org))  
East Asia Department, Urban and Social Sectors Division

Status: ADB Board approved on 25 April 2014.

Description: Baiyin is a medium-sized city in Gansu province (Gansu), one of the 12 less-developed provinces and autonomous regions targeted under the Western Development Strategy of the People's Republic of China (PRC). The city was originally established as a national copper mining base in the 1950s but its socioeconomic development suffered major setbacks after continuous copper exploitation and depletion, and environmental degradation. Since the Eleventh Five-Year Plan 2006 2010, Baiyin received special support from the national and provincial governments to jumpstart its industrial transformation. The goal was to transform Baiyin from a resource-exhausted mining city into a new industrial center through technology upgrading and diversification of existing production chains, while achieving efficient use of resources and reducing adverse impacts on the environment. In 2008, the Gansu Baiyin Urban Development Project (Phase I project) was approved by ADB, providing timely assistance on urban road construction and district heating supply to support the initial stage of economic diversification in two urban centers Baiyin district and Pingchuan district. The project will invest in key urban infrastructure and services to: (i) provide efficient water service for drinking and industrial

processing; (ii) provide wastewater treatment to improve water management, environment, and locals quality of life; (iii) strengthen vocational education and training capacity; (iv) enhance road safety and traffic management in central urban district; and (v) enhance environmental management for industrial transformation. The main project area is located in the poverty-stricken Jingyuan county and includes one of the seven strategic industrial bases that comprise the Lanbai Core Economic Zone. The project will further scale up the outcome of the Phase I project by accelerating environment-friendly and human-centered industrial transformation in eastern Baiyin urban area. The impact of the project will be inclusive and environmentally sustainable urban development in Baiyin. The expected outcome will be accelerated industrial transformation and economic diversification in Baiyin. Project outputs include: (i) basic urban infrastructures in the eastern Baiyin urban area comprising: (a) a new water supply facility with treatment capacity of 85,000 cubic meter per day, a 16-kilometer (km) water transmission pipeline, a 68.8-km water distribution pipeline network and other related facilities; (b) a new wastewater treatment facility with treatment capacity of 40,000 cubic meter per day, a 74.4-km wastewater collection pipelines network and related facilities; (c) leveling of 4-km<sup>2</sup> land with 5 new roads totaling 8 km; (ii) industrial training facility and related services to strengthen capacity building for local skilled/non-skilled workers in Jingyuan county; (iii) ITS in the Baiyin district; and (iv) project management and institutional capacity building, including effective project management, environmental management of the industrial area, and the sustainable operation and maintenance of project facilities.

#### Business Opportunities

- **Consulting Services:** The project preparatory technical assistance (PPTA) will be implemented by engaging a firm for overall project preparation and two teams of individual consultants specializing in transport management and vocational education. Experts on industrial sector development, civil engineering, water and sanitation engineering, transport management, vocational education, economic and financial analysis, environment, and resettlement and social development will be engaged. The firm will be engaged on the basis of quality- and cost-based selection method using simplified technical proposal procedures, with a quality-cost ratio of 80:20, while consultants for the two separate teams will be engaged through individual consultant selection.

There are no Consulting Services Recruitment Notices currently available for this project.

- **Procurement:** There are no procurement notices currently available for this project.

#### **C. Chongqing Vocational Training Information Management Platform Development**

**TA No.** : 8646  
**Project No.** : 47035-001  
**Amount (US \$ million)** : 0.48  
**Sector** : Education

Responsible ADB Officer: Asako Maruyama (E-mail: [amaruyama@adb.org](mailto:amaruyama@adb.org))  
East Asia Department, Urban and Social Sectors Division

Status: ADB Board approved on 12 May 2014.

Description: The technical assistance (TA) aims to strengthen capacity for planning and management of vocational training and subsidies provided for it in Chongqing Municipality through development of a unified information management platform for vocational training which will be integrated with labor and social security information systems.

Impact: Enhanced equity, effectiveness, and efficiency of vocational training and subsidies provided for it in Chongqing

Outcome: Improved planning and management system of vocational training and subsidies provided

Outputs:

1. Capacity for planning and management of vocational training and subsidies provided for it strengthened
2. Knowledge to develop information management platform on vocational training disseminated

#### Business Opportunities

- **Consulting Services:** The TA will engage a consulting firm (national, 46 person-months) to provide one functional lead and seven information and communication technology specialists to develop the information management platform. The consulting firm will be selected using quality- and cost-based selection with a quality cost ratio of 80:20. A national firm can be justified on the grounds that the estimated contract amount is small and unattractive to international firms, and national firms are available in the market for similar information system development. In addition, two international consultants for a total of 3 person-months and three national consultants for a total of 9.5 person-months will be engaged on an individual basis to provide expertise in labor and social security policies and systems, vocational training fund management, vocational training quality assurance, and labor forecasting. This will be done in line with ADB's Guidelines on the Use of Consultants (2013, as amended from time to time).
- **Procurement, if any,** will be in accordance with ADB's Procurement Guidelines (2013, as amended from time to time). Goods procured will be turned over to the CMBF upon completion of the TA. An advance payment facility will be established at the CMBF for the expense of training and workshops, international study visits, and miscellaneous administrative and support costs. All international study visits will be to ADB member countries. Proceeds of the TA will be disbursed in line with ADB's Technical Assistance Disbursement Handbook (2010, as amended from time to time).

There are no procurement notices currently available for this project.

## **INDIA**

### **A. Advanced Project Preparedness for Poverty Reduction - Project Preparation and Implementation Support for Odisha Power Sector Emergency Assistance (Subproject 31)**

**TA No.** : 8642  
**Project No.** : 43166-215  
**Amount (US \$ million)** : 0.1  
**Sector** : Multisector

Responsible ADB Officer: Jyotirmoy Banerjee (E-mail: [jbannerjee@adb.org](mailto:jbannerjee@adb.org))  
South Asia Department, India Resident Mission

Status: ADB Board approved on 15 April 2014.

Description: The technical assistance will provide project preparation support to the executing agency for the Odisha Power Sector Emergency Assistance Project, which will fund reconstruction and rehabilitation of damaged power sector infrastructure with storm resilient alternatives, such as stronger towers, elevating substation equipment above projected flood levels, and underground cabling in selected locations. The technical assistance subproject's output will be due diligence works completed through provision of guidance and assistance to the executing agency to complete the required environmental and social safeguards assessments, and assessment of economic feasibility of subprojects.

**Project Rationale and Linkage to Country/Regional Strategy:** On 12 October 2013, cyclone Phailin made landfall near Gopalpur in Ganjam district of Odisha. Eighteen out of thirty districts in the state were affected by the storm and subsequent floods, leaving 44 people dead, damaging about 256,600 homes, and affecting about 13.2 million people. The Department of Economic Affairs (DEA), Government of India requested emergency assistance from ADB and the World Bank for rebuilding basic infrastructure and a technical assistance for project preparation support including transitioning into implementation. The ADB project will focus on the damaged power sector infrastructure in the three most affected towns of Berhampur, Chhatrapur and Gopalpur in the Ganjam District of Odisha, India.

**Impact:** Population in the project area received a more reliable power supply.

**Outcome:** Efficient preparation of the Odisha Power Sector Emergency Assistance Project

**Outputs:** Due diligence works completed

#### Business Opportunities

- **Consulting Services:** The subproject will require the services of about 3 international individual consultants. The input of the international individual consultants will be 4.5 person-months, including 1.5 person-months each for: (i) project economic analysis, (ii) conducting environmental assessments and initial environmental examination reports, and (iii) conducting social safeguard assessments including a resettlement plan if required. All the individual consultants will assist the counterpart officials of the implementing agency in their respective areas of expertise and will coordinate with the respective sector staff at INRM.

There are no Consulting Services Recruitment Notices currently available for this project.

- **Procurement:** There are no procurement notices currently available for this project.

#### **B. Climate-Resilient Coastal Protection and Management Project**

**TA No.** : 8652  
**Project No.** : 46460-001  
**Amount (US \$ million)** : 2  
**Sector** : Multisector

**Responsible ADB Officer:** Arnaud M. Cauchois (E-mail: [acauchois@adb.org](mailto:acauchois@adb.org))  
South Asia Department  
Environment, Natural Resources & Agriculture Division

**Status:** ADB Board approved on 16 May 2014.

**Description:** The technical assistance (TA) is designed to support strengthening coastal resilience, coastal infrastructure, and communities to the adverse impacts of climate change. It will prepare adaptation guidelines towards effective mainstreaming of climate change into coastal protection and management. The TA is being designed to complement the ongoing \$404 million ADB MFF 0049/Loan 2679-IND: Sustainable Coastal Protection and Investment Management Program (SCPMIP) comprising three tranches. The first tranche subprojects for \$62.5 million is currently under implementation. The TA will ensure greater consideration of climate change impacts in the planning and design of the investments of the next two tranches and in overall coastal management in India. The TA will analyze climate change-related parameters and impacts mainly from existing literature, and prepare guidelines for climate adaptation applicable to the Indian coast. Mainstreaming of climate adaptation measures will primarily focus on the two focal states of Karnataka and Maharashtra that were selected for SCPMIP. In addition, the TA will support the up-scaling of coastal climate change adaptation to central government, maritime

states, union territories/islands through official endorsement of the guidelines, provision of awareness materials, and training in the application of the guidelines.

**Project Rationale and Linkage to Country/Regional Strategy:** The ongoing erosion of the beaches is a major challenge in the India coastline which threatens communities and livelihoods from a variety of areas including artisanal fishing, tourism, and other beach and natural resources-related activities. Coastal erosion is responsible for the loss of land, houses, infrastructure, and business opportunities and poses a high risk to human well-being, economic development, and ecological integrity. It affects negatively the livelihood of coastal communities, particularly poor households, and ultimately the coastal economies. Low cost protection solutions including natural protection such as beach dune management and mangrove are required to be developed. Natural protection is being developed internationally and India already counts successful initiatives on which SCPMIP and the proposed technical assistance can build upon. Coastal infrastructure is currently designed based on historic sea levels and wave regimes, with estimated design life of 50-100 years. Infrastructure projects will gradually become increasingly vulnerable to damage unless appropriate measures of climate resilience are incorporated. Without focused coastal climate change studies, the construction of coastal protection infrastructure and shoreline management planning proceeds largely according to current standards that do not explicitly consider climate change-related risks and vulnerabilities. With the lack of clear and officially endorsed design guidelines, planners and designers have neither the knowledge base, nor the mandate to design for potential impact scenarios under climate change. Government decision makers require adequate evidence of the risks to support the provision of additional finance for climate resilience.

**Impact:** Strengthened resilience of the Indian coast to impacts of climate change

**Outcome:** Climate change impacts are factored into coastal protection and management interventions in India

**Outputs:**

1. Climate change adaptation guidelines for the protection and management of the Indian coast are officially endorsed
2. Shoreline management is climate-resilient in two focal states
3. Coastal investments in two focal states incorporate climate resilience
4. Institutions have strengthened capacity and raised awareness of coastal climate change and adaptation measures

#### Business Opportunities

- **Consulting Services:** A team of consultants comprising research scientists, coastal engineers, and specialists in natural coastal protection, community-based coastal management, and training is envisaged. The consultants will work at national, state, district and community levels, with total estimated inputs of 66 person-months (22 international and 44 national). Consultants will be engaged by ADB through a firm using quality- and cost-based selection procedures with 90:10 of technical and financial weight on a full technical proposal. The consultancy contract package will include provisional sums to cover the costs of additional activities, namely: (i) subcontracting of three focal research institutes to provide information and data, and implement specific studies that will define and quantify coastal climate change and impacts; (ii) project management of the pilot community projects and subcontracting of local nongovernment organizations (NGOs), community organizations, or local contractors to implement natural protection activities; (iii) organization and management of training courses, workshops, preparation of awareness materials and report production; and (iv) engagement of an advisory panel of experts to review and endorse the project climate change analysis and adaptation guidelines (the members of the panel will be nominated by MOWR and maritime states and union/island territories, and approved by ADB).

There are no Consulting Services Recruitment Notices currently available for this project.

- Procurement: Minor procurement of equipment is planned which will follow ADB guidelines.

There are no procurement notices currently available for this project.

## MONGOLIA

### A. Transaction Advisory Services for the Combined Heat and Power Plant 5

**TA No.** : 8637  
**Project No.** : 47091-001  
**Amount (US \$ million)** : 1.2  
**Sector** : Multisector

Responsible ADB Officer: Craig Sugden (E-mail: [csugden@adb.org](mailto:csugden@adb.org))  
East Asia Department  
Public Management, Financial Sector and Regional Coop Division

Status: ADB Board approved on 9 April 2014.

Description: The technical assistance (TA) will support the completion of negotiations on the CHP5 transaction. This will both finalize project preparation and develop the capacity for PPP implementation through a learning-by-doing approach. The TA will complement other assistance provided by ADB to strengthen the legal, policy and institutional framework for PPPs.

Impact: Delivery of improved public services to poorly serviced populations in Ulaanbaatar

Outcome: Track record in completing a competitive tender process for a PPP inclusive of contract negotiations

#### Outputs:

1. Technical studies of rail infrastructure, coal resources, water resources, and ash management
2. Legal support
3. Financial analysis support
4. Negotiation support

#### Business Opportunities

- Consulting Services: The TA will engage international and national consultants to prepare technical studies and provide advice on the technical parameters of the project agreements specific obligations arising from the PPP.

There are no Consulting Services Recruitment Notices currently available for this project.

- Procurement: There are no procurement notices currently available for this project.

### B. Energy Efficiency and Urban Environment Improvement

**TA No.** : 8649  
**Project No.** : 46343-002  
**Amount (US \$ million)** : 2  
**Sector** : Energy

Responsible ADB Officer: Teruhisa Oi (E-mail: [teruhisaoi@adb.org](mailto:teruhisaoi@adb.org))  
East Asia Department, Energy Division

Status: ADB Board approved on 12 May 2014.

Description: The Energy Efficiency and Urban Environment Improvement Project will upgrade the electrical transmission and distribution networks in and around Ulaanbaatar, thereby improve energy efficiency, reduce transmission and distribution losses and emission of greenhouse gases and other air pollutants from existing power plants in Ulaanbaatar. It will also facilitate financial closure of an on-going combined heat and power plant number 5 (CHP 5) through a public-private partnership (PPP) model, which has been supported by Asian Development Bank (ADB). The components of the project include: (i) upgrading the electrical transmission and distribution networks, (ii) computerizing the system at load dispatch center, transmission and distribution level, and (iii) capacity building.

Project Rationale and Linkage to Country/Regional Strategy: In Mongolia, the energy sector has been unbundled into generation, load dispatch center and, transmission and distribution companies since 2001. Due to lack of available public funding, the private sector investment in the sector is a key policy priority for the Government of Mongolia. The existing facilities for providing heating and electricity (power plants and transmission and distribution lines) are energy inefficient and vulnerable since these facilities are old and outdated. Two out of three coal-based CHP plants (number 2 and 3) in Ulaanbaatar have been operating for more than 40 years without proper emission control devices, whereas the largest CHP plant, number 4, has operated for more than 25 years. Due to inadequate heat supply and coverage of central heating system, residents in ger areas surrounding Ulaanbaatar (60% of residents in Ulaanbaatar), have to use coal based household stoves and small inefficient heat only boilers without proper emission control devices. Lack of investments in expanding the coverage of electricity and heating network is the primary cause for continued use of inefficient and polluting heat system. The result is serious urban air pollution during the winter season in Ulaanbaatar, which is widely regarded amongst the most polluted cities in the Asia Pacific region. During winter months, particulate matter less than 10 micrometers (PM10) in Ulaanbaatar's atmosphere routinely measures 279 micrograms per cubic meter of air, which is about five times higher than World Health Organization's air quality guidelines of 50 micrograms/cubic meter. Mongolia has experienced rapid economic growth (11.5% in 2013) led by mining development. The electricity and heating demand has also been growing in Ulaanbaatar due to rapid urbanization and improved economic and commercial activities. But due to the unavailability of new power and heat plants these demands are largely unmet and suppressed. As a result, the electricity consumption in the central energy system (CES), which covers Ulaanbaatar and other major cities, and mining development areas grew modestly to 3,542 gigawatt-hour (GWh) in 2012, about 34% higher than 2003. It is projected that the electricity consumption in the CES will increase to 4,422 GWh in 2015 and will more than double to 8,189 GWh in 2025 compared to 2012. The reserve margin of heat and power supply has become close to zero. To overcome the potential supply shortage, the Government of Mongolia planned to: (i) build a new CHP 5 in Ulaanbaatar through a PPP model, and (ii) install additional capacity in the existing CHP plant number 4.

#### Business Opportunities

- Consulting Services: The technical assistance (TA) will take a unique approach (two stages of consulting services) to use efficiently the limited loan processing time. Part 1 (data gathering and preliminary assessment) will require individual consultants (2 international, 4 person-months; and 2 national, 4 person-months), while Part 2 (preparation of feasibility studies, capacity building, and due diligence) will require a consulting firm (8 international, 34 person-months; and 10 national, 103 person-months). The consulting firm will be engaged through quality- and cost-based selection method (with a quality-cost ratio of 90:10) using a simplified technical proposal. The consultants for Parts 1 and 2 will be recruited in accordance with Asian Development Bank's (ADB) Guidelines on the Use of Consultants (2013, as amended from time to time). The procurement of equipment by consultants under the TA will follow ADB's Procurement Guidelines (2013, as amended from time to time). The proceeds of the TA will be disbursed in line with ADB's Technical Assistance Disbursement Handbook (2010, as amended from time to time).

The equipment procured under the TA will be turned over to the executing agency upon TA completion.

There are no Consulting Services Recruitment Notices currently available for this project.

- Procurement: All procurement will be undertaken in conformity with ADB's Procurement Guidelines (2013, as amended from time to time).

There are no procurement notices currently available for this project.

## MYANMAR

### A. Strengthening Institutions for a Better Investment Climate

**TA No.** : 8651  
**Project No.** : 47268-001  
**Amount (US \$ million)** : 1.5  
**Sector** : Public sector management

Responsible ADB Officer: Kelly Bird (E-mail: [kbird@adb.org](mailto:kbird@adb.org))  
Southeast Asia Department  
Public Management, Financial Sector and Trade Division

Status: ADB Board approved on 14 May 2014.

Description: The Government has publicly announced its intentions to draft a new company law and establish an electronic registry in line with its objectives for creating an investment environment conducive to private sector development and inclusive economic growth. The electronic registry is aligned with the Government's intention to promote e-governance. The Interim CPS supports the Government's objectives for improving the investment climate. Reforms to the company registry and registration system are also a policy measure specified in the post-program partnership framework (P3F) of the PBL. The P3F sketches out the Government's reform agenda from 2012 to 2014. Thus, the Technical Assistance is designed to support the implementation of the P3F. Under a small-scale technical assistance (MYA TA-8114), ADB working with DICA staff carried out a diagnostics of the 1914 company law and the company registry. Also funded under the TA, in March 2013 a senior official from Directorate of Investment and Company Administration (DICA) visited the New Zealand Company Registry Office to assess operations of a first class company registry. The comprehensive and sequenced reform to the company law and registration system rather than a short term, piecemeal approach to reform with its associated higher risks of policy failure. At the same, participants to the World Economic Forum held in Nay Pyi Taw in June 2013 conveyed to the Government of Myanmar the urgency of reforming the company law for private sector development and for attracting quality foreign investors.

Project Rationale and Linkage to Country/Regional Strategy: The Government considers company law reform a high priority. The Government has formally requested ADB technical assistance to support this effort. Through the TA, the Government is also committed to bringing in best international practices for its company law and registry by looking at good examples in the Asia-Pacific region. An important element of this TA will be to link DICA with other company registry offices in the Asia-Pacific region for knowledge sharing and longer term partnership and support. The sequencing of this TA in support of this reform is important. The company law and its enactment would be completed before the development of the Registry. This is because the law will establish the type of Registry and the registration processes, which would drive the design and development of the Registry. Overall, it is expected to take up to eight months to draft the law and have it promulgated by the President of the Republic of the Union of Myanmar, which could be around October 2014. The expected steps in this process are: (i) four months to draft the company bill and have it translated, (ii) simultaneously to this four month period, DICA and the

project team would provide public education and carry out stakeholder consultations, (iii) submission to the Office of the Attorney General (OAG) for review and revisions to the legal language. This could take up to two months and sometimes longer, (iv) submission to the National Assembly around July 2014, and (iv) after enactment, promulgation of the law by the President. This could take anywhere between 1 and 2 months. Thus, it is expected to have the company law promulgated around October 2014. Following this, necessary implementing decrees will be issued. These will be drafted with the bill. Priority implementing regulations would be issued by January 2015. The procurement of the firm to develop the registry would occur around August 2014, after the law is submitted to the National Assembly. Activities would start once the law is promulgated. The Registry is expected to be operationalized for trial by June 2015 and fully operationalized by October 2015. DICA capacity building and IT servicing would continue until June 2017.

Impact: Increased private investment

Outcome: Strengthened legal and institutional framework for the investment sector

Outputs:

- Company law modernized
- Electronic Company Registry established
- Staff skills and knowledge enhanced

#### Business Opportunities

- **Consulting Services:** Under output 1, four international consultants and two national consultants will be engaged through individual consultant selection to draft the company law and support advocacy and public education of the law. These include: (i) team leader international corporate law expert to oversee the activity, lead drafting of the law and implementing regulations (4 months), (ii) an international corporate law advocacy expert to work with the team leader and DICA staff in drafting the implementing regulations and developing the law and support public education and advocacy on the draft law (4 months), (iii) an international legal draftsman (4 months) to provide legal language to the company law, (iv) an international company registry expert (6 months) to provide input to the draft law on provisions related to the registry, draft the specifications of the electronic registry, which would be part of the procurement document under output 2, and oversee the transition from the enactment of the company law and the mobilization of the firm under output 2 to establish the electronic registry. This consultant will also provide periodic reviews and evaluations of progress in implementation of the registry by the firm under output 2, (v) national legal expert (4 months) to support the team leader and the corporate law advocate draft the bill and implementing regulations into Myanmar legal language together with the DICA drafting team, and (vi) national communications expert (6 months) to implement communications strategy for public education and stakeholder consultations, manage media relations with DICA, and organize consultations.

There are no Consulting Services Recruitment Notices currently available for this project.

- **Procurement:** Under output 2, a firm will be engaged to design, develop, establish and implement the electronic Registry including the procurement of software and equipment. The terms of reference will also include DICA staff training on the new registration system for up to two years, and IT maintenance and servicing for up to two years after operationalization of the Registry. The firm will be selected competitively following ADB procurement guidelines. Under output 3, TA funds would be allocated for workshops and training and resource persons from partnered company registry offices, academia and other institutions would be invited to provide capacity building at DICA and knowledge sharing in this area.
- **Procurement:** There are no procurement notices currently available for this project.

## B. Off-Grid Renewable Energy Demonstration Project

TA No. : 8657  
Project No. : 47128-001  
Amount (US \$ million) : 2  
Sector : Energy

Responsible ADB Officer: Pradeep Tharakan (E-mail: [ptharakan@adb.org](mailto:ptharakan@adb.org))  
Southeast Asia Department, Energy Division

Status: ADB Board approved on 23 May 2014.

Description: This capacity development technical assistance (TA) aims to support the creation of rural infrastructure, including energy access projects and will have as its main objectives: (i) to support the installation of clean energy-based systems for providing energy access (mostly solar PV and biomass-based systems) to schools and other public infrastructure in at least 25 villages, (ii) develop geospatial least cost energy access plans and an investment plan for select states and regions in the country, and (iii) to strengthen the capacity of the government institutions and the private sector to manufacture, install, operate and maintain small-scale clean energy systems. The proposed TA will be financed under the Japan Fund for Poverty Reduction Program (JFPR). This JFPR grant is meant to complement the on-grid focus of the proposed ADB loan: Power Distribution Improvement Project (the investment project is being considered for financing by the ADB Board in December 2013) by supporting off-grid energy access in the same geographical areas. The grant will finance pilot installations in the central dry zone (Mandalay region, Sagaing region and Magway region) and Chin, Kayah and Rakhine states. The Ministry of Livestock, Fisheries, and Rural Development will be the Executing Agency (MLFRD). The Department of Rural Development within MLFRD will be the implementing agency. The implementation period would be February 2014 to February 2016.

### Business Opportunities

- Consulting Services: A total of approximately 101 person-months of consulting services (36 person-months for international consultants and 65 person-months for national consultants) will be engaged through a firm. The consulting firm will be recruited in accordance with ADB's Guidelines on the Use of Consultants (2013, as amended from time to time) through quality and cost-based selection (with a quality cost ratio of 80:20) and using full technical proposals. International consultants will include: (i) energy access planning and renewable energy technical specialist and team leader, (ii) off-grid solar photovoltaic solution specialist, (iii) biogas and biomass energy specialist, (iv) micro-hydro specialist, (v) renewable energy finance specialist, (vi) capacity development and institutional strengthening specialist, (vii) geospatial planning specialist, (viii) geographical information systems (GIS) specialist, and (ix) procurement specialist. National consultants will have expertise that complements that of the international experts, and will support them in their work. The consultants will be responsible for administration of training, seminars and conferences, and surveys, as reflected in their terms of reference. The consultants will design, procure, and install the pilot off-grid renewable energy facilities under the TA.

There are no Consulting Services Recruitment Notices currently available for this project.

- Procurement: All goods (equipment) purchased under the TA will be procured in accordance with ADB's Procurement Guidelines (2013, as amended from time to time) and will be turned over to the executing agency upon completion of the TA project. Pilot installations may include solar photovoltaic-based systems, biomass digesters and other small-scale renewable energy systems. This line item only covers hardware, transport and installation charges. All detailed engineering design and civil works will be supported by the executing agency.

There are no procurement notices currently available for this project.

## PAKISTAN

### Determining the Potential for Carbon Capture and Storage

**TA No.** : 8648  
**Project No.** : 47277-001  
**Amount (US \$ million)** : 1  
**Sector** : Multisector

Responsible ADB Officer: Lin Lu  
Central and West Asia Department, Energy Division

Status: ADB Board approved on 14 May 2014.

Description: The technical assistance (TA) will support Pakistan in the implementation of its national climate change policy, particularly in mitigating climate change through development of GHG reduction technologies. The TA will explore the potential of CCS by developing demonstration roadmaps, engaging in dialogues with public and private sectors, and drafting relevant policy statements. The TA will specifically look into CO<sub>2</sub> emitting sectors such as energy, agriculture, transport and industrial processes for the purpose of determining best type of demonstration roadmaps.

Project Rationale and Linkage to Country/Regional Strategy: Over the last 20 years, carbon emissions in Pakistan grew by 105% from 152.79 million tons in 1990 to 313.48 million tons in 2010. The significant increase in greenhouse gases (GHGs), particularly carbon dioxide (CO<sub>2</sub>) is mainly attributed to the burning of fossil fuels like coal and oil for electricity, transport and those in manufacturing industries. This includes industries producing fertilizers (ammonia), cement, alternative fuels (methane & ethanol) and iron & steel (>45% of CO<sub>2</sub> emissions came from industrial sector). Likewise, the clearing of land for agriculture, industry and other human activities have also upped GHG concentrations. GHG emission will be further increased with the anticipated shift to coal generation in the near future to decrease the existing power shortfall. Meeting the country's energy needs and the quest for economic growth presents a huge challenge to reduce the country's GHG levels. Pakistan will therefore need a portfolio of low-carbon technologies to reduce GHGs in the shortest possible time to avoid the more serious effects of climate change. Renewable energies (REs) will clearly play a critical role in moving the country to a low carbon future but the challenge of reducing emissions and simultaneously increasing energy source is daunting. REs contribution in the energy mix remains low that even with a rapid increase in its use is unlikely to meet energy demand and reduce GHG. With coal becoming a dominant source of energy across all sectors, CCS will be a critical technology for meeting the country's goal of reducing GHG. The new national Climate Change Policy underscores this need to develop low carbon technologies, specifically CCS for energy and other sectors like agriculture, transport and industries.

Impact: CCS roadmap is implemented

Outcome: Improved capacity in planning and management of demonstration project in Pakistan.

#### Outputs:

1. Scoping analysis on the potential for CCS undertaken
2. Knowledge dissemination program for CCS undertaken
3. Road map for CCS demonstration with priority demonstration projects identified

#### Business Opportunities

- Consulting Services: The technical assistance (TA) will require 15 person-months of international and 34 person-months of national consulting services. ADB will engage consultants according to its Guidelines on the Use of Consultants (2013, as amended from time to time). Because of the

highly specialized nature of the CCS technology and the limited number of experts in the field, the TA will be implemented by a team of international and national consultants. The preferred method would be recruitment through a firm using quality-based selection. If it cannot be done due to the limited firms with required expertise, consultants will be hired on an individual basis.

There are no Consulting Services Recruitment Notices currently available for this project.

- Procurement: Equipment required under the TA, including computers and GIS software for mapping purposes, will be procured following ADB's Procurement Guidelines (2013, as amended from time to time).

There are no procurement notices currently available for this project.

## PHILIPPINES

### Strengthening Evaluation and Fiscal Cost Management of Public-Private Partnerships in the Philippines

**Project No.** : 48197-001  
**Amount (US \$ million)** : 0.5  
**Sector** : Public sector management

Responsible ADB Officer: Aziz Haydarov (E-mail: [ahaydarov@adb.org](mailto:ahaydarov@adb.org))  
Southeast Asia Department  
Public Management, Financial Sector and Trade Division

Impact: Increased and fiscally sustainable infrastructure investments through PPPs

Outcome: Improved government capacity to appraise and sustainably manage PPP projects

#### Outputs:

- Strengthened NEDA's capacity in PPP project appraisal
- Strengthened BTR's CL management capacity
- Strengthened institutional framework for PPP fiscal cost management

#### Business Opportunities

- Consulting Services: PPP Project Evaluation Advisors (firm, international, 20 international and 20 national person-months, intermittent for 1.5 years) -- Project Manager and Team Leader international, 3 person-months, intermittent); Advisory Team (17 international and 20 national person-months, intermittent) Liability Management Advisors (firm, international, 19 international and 17 national person-months, intermittent for 1.5 years) -- Project Manager (international, 3 person-months, intermittent); Advisory Team (16 international and 17 national person-months)

There are no Consulting Services Recruitment Notices currently available for this project.

- Procurement: There are no procurement notices currently available for this project.

## REGIONAL

### A. Mainstreaming Results-Based Public Sector Management-Supporting the Initiatives of the Asia-Pacific Community of Practice on Managing for Development Results

**TA No.** : 8636  
**Project No.** : 48197-001  
**Amount (US \$ million)** : 0.5  
**Sector** : Public sector management

Responsible ADB Officer: Farzana Ahmed (E-mail: [fahmed@adb.org](mailto:fahmed@adb.org))  
Strategy and Policy Department, Results Management Unit

Status: ADB Board approved on 8 April 2014.

Description: The technical assistance (TA) will promote demand-driven capacity development assistance. Asia-Pacific Community of Practice (APCoP) members will be supported in country-level work on results-based PSM as requested by member countries or through ongoing programs of ADB regional departments to promote sustainability of outcomes. The TA will strengthen results-based PSM systems such as M&E, evaluation policy, and planning and budgeting systems based on a country's specific circumstances. The Community of Practice (CoP) modality provides an effective forum for DMC officials to discuss specific sector issues and improve their governance systems. Results-based PSM also provides complementary and deepened ADB support to country operations. APCoP assistance enables governments to move toward results-based management of sectors, particularly ADB priority sectors over the longer term.

A. Impact and Outcome: The impact of the TA is that Managing for Development Results (MfDR) approaches will be further advanced in participating countries. This will be demonstrated through replication or expansion of plans for MfDR approaches in PSM in other sectors, ministries, and departments. The outcome will be increased application of MfDR by APCoP members in their country contexts. The outcome will be seen in the number of APCoP members reporting application of MfDR approaches on results-based PSM and MfDR principles applied in national and sector development plans or frameworks, knowledge products, and workshops and conferences, among others.

B. Methodology and Key Activities: This TA supports APCoP members through country-level and regional activities. To achieve its outcome, the TA will deliver three outputs: (i) plans for MfDR approaches in PSM developed through country-level activities, (ii) South South dialogue enhanced, and (iii) best practices in PSM distilled and disseminated. The TA will focus on supporting capacity development on MfDR at the country level, specifically developing plans for MfDR approaches in PSM through training and workshops on specific country-level PSM issues. At least four country-level activities initiated by APCoP members will be supported under this TA in close cooperation with ADB regional departments. Support for the country initiatives will focus on national, subnational, or sector PSM issues; these will serve to bring together senior government officials from the central (planning and finance) and sector ministries, technical experts, and civil service organizations to focus on specific results-based PSM issues. This will begin to establish country-based CoPs on MfDR to mirror the work of APCoP members at a regional level. APCoP members will use the results-based PSM framework as a tool to assess the gaps in a country's PSM system and identify the capacity-building initiatives needed to make the PSM processes results-oriented, and to enhance achievement of national outcomes. This process will assess PSM issues at a national level or for specific sectors. The assessment process, capacity initiatives, and implementation experiences will be distilled into knowledge products. This bottom-up approach will strengthen the ownership, accountability, and sustainability of proposed capacity development initiatives. APCoP's capacity development assistance could respond to requests initiated by APCoP members on MfDR, and involve APCoP members working with ADB regional departments to identify issues through

joint country-based PSM assessments to: (i) better inform project, sector, and country strategies; and (ii) strengthen the implementation of proposed or ongoing results-based PSM loan and TA initiatives. The TA will enhance South dialogue by bringing together APCoP members at the subregional level to share their country-level MfDR implementation experiences. APCoP will hold two knowledge-sharing seminars in the People's Republic of China (PRC) and one in Singapore. Topics that could be discussed include cutting-edge practices on PSM in the Asia and Pacific region, such as results-based management in country systems, and thematic and sector PSM issues. Best practices on PSM will be distilled and disseminated through a regional knowledge-sharing conference of APCoP members to be held in the PRC, and through publications from the country-level PSM work, South dialogues, and the regional knowledge-sharing event. APCoP will conduct the regional conference in cooperation with international experts and partners to share their experiences on capacity building for results-based management of selected sectors and thematic focus, such as targeted equitable growth, public sector strengthening for PPPs, and monitoring of education and health sector indicators, among others. This approach will promote a bottom-up approach to distilling knowledge from the countries on their PSM implementation experiences. The existing APCoP website will continue to facilitate knowledge storage, sharing, and dissemination. There are a number of risks and assumptions associated with the TA outcome and outputs, as listed in the design and monitoring framework. At the outcome level, it is assumed that the MfDR plans and frameworks will be promoted by the government, because a criterion for country selection is that the assistance is demand-driven, i.e., requested by the DMC or through existing ADB operations. There is a risk that senior government officials lack commitment to develop and implement MfDR systems. This will be mitigated through the other TA outputs and components, specifically those dealing with South dialogue and expert support.

**C. Cost and Financing:** The total cost of the regional-capacity development technical assistance (R-CDTA) is \$500,000, which is to be financed on a grant basis by the People's Republic of China Poverty Reduction and Regional Cooperation Fund (PRCF) and administered by ADB.

**D. Implementation Arrangements:** ADB, through the Results Management Unit of the Strategy and Policy Department, will be the executing agency of the TA and will be responsible for overall management and monitoring of the activities. To increase DMC ownership, the coordinating committee, composed of senior DMC public officials, will guide TA implementation. The Results Unit, as secretariat of the APCoP, will coordinate activities with ADB regional departments (through the MfDR focal point network), resident missions, and its Regional and Sustainable Development Department. All TA proceeds will be disbursed in accordance with the ADB Technical Assistance Disbursement Handbook (May 2010, as amended from time to time). The TA will be implemented over 14 months, commencing 1 May 2014 and ending 30 June 2015.

#### Business Opportunities

- **Consulting services:** It will require an international consultant on an intermittent basis as a technical advisor for the duration of the regional TA (up to 5.5 person-months of work). The technical advisor will be responsible for identifying key PSM issues for consideration by the CoP; overseeing publications on emerging topics on results-based PSM; sourcing experts; and discussing workshop contents with PSM practitioners. Two full-time national consultants will be required for financial, administrative, management, and research support for TA activities, particularly for the DMC-based workshops (which will involve up to 14 person-months each). High-quality, experienced international consultants will support the country-level CoP-driven PSM interventions in selected DMCs, and will be engaged on an intermittent basis (about 1 person-month of work in total). International subject matter experts will also be engaged as resource persons and facilitators. All consultants will be recruited on an individual basis in accordance with ADB's Guidelines on the Use of Consultants (2013, as amended from time to time).

There are no Consulting Services Recruitment Notices currently available for this project.

- **Procurement:** There are no procurement notices currently available for this project.

## **B. Support for ASEAN+3 Bond Market Forum: Regional Standardization of Bond Issuance Framework and Transaction Flows**

**TA No.** : **8635**  
**Project No.** : **47262-001**  
**Amount (US \$ million)** : **1.23**  
**Sector** : **Multisector**

Responsible ADB Officer: Shinji Kawai  
Office of Regional Economic Integration

Status: ADB Board approved on 8 Apr 2014

Impact: Greater and efficient mobilization of regional resources through increased intra-regional bond issuance and transactions

Outcome: Standardized bond transaction flows encouraged by AMBIF implementation based on enhanced bond market knowledge of policymakers

Outputs: Study and support for adoption of AMBIF (SF1) Developing a reference DVP model for the region and recommendations on: i) standardization of message formats and items, ii) market practices, and iii) cross-border collateral and repo services (SF2)

### Business Opportunities

- Consulting Services: There are no Consulting Services Recruitment Notices currently available for this project.
- Procurement: There are no procurement notices currently available for this project.

## **C. Enhancing Transparency and Exchange of Information for Tax Purposes**

**TA No.** : **8640**  
**Project No.** : **47149-001**  
**Amount (US \$ million)** : **0.82**  
**Sector** : **Multisector**

Responsible ADB Officer: Satoru Araki (E-mail: [saraki@adb.org](mailto:saraki@adb.org))  
Regional and Sustainable Development Department  
Poverty Reduction, Social Development, & Governance Division

Status: ADB Board approved 22 April 2014.

Description: The rapid globalization of financial services, investment and trade has imposed a significant impact on developing countries' revenue base. Cross border financial transactions are increasingly employed for aggressive tax avoidance, which result in the erosion of domestic tax revenues to the outside of developing countries, often to offshore financial centers. The issue is particularly acute in Asia. According to Global Financial Integrity, a Washington-based NGO's latest report, developing countries lost a total of 5.6 trillion US dollars in illicit financial outflows including tax evasion in 2001-2010, and Asia accounted for 61 % of the total illicit outflows. In order to counter international tax avoidance schemes and the erosion of domestic tax revenues, the tax authorities are increasingly required to strengthening their international network and capacity for the exchange of information with foreign tax authorities. This regional TA project focuses on the capacity development of 8 DMC members of the Study Group on

Asian Tax Administration and Research (SGATAR), i.e. Indonesia, Malaysia, Mongolia, Papua New Guinea, the PRC, the Philippines, Thailand, and Vietnam, with respect to the exchange of information for tax purposes, and aims to enhance the framework of regional cooperation among the SGATAR member tax authorities.

**Project Rationale and Linkage to Country/Regional Strategy:** The risk of international tax avoidance and demand for the exchange of information among the Study Group on Asian Tax Administration and Research (SGATAR)'s developing member economies increase; according to Global Financial Integrity's global ranking on the estimated amount of illicit financial outflows in 2001-2010, the PRC is ranked the 1<sup>st</sup> out of 143 countries, and Malaysia the 3<sup>rd</sup>, the Philippines the 6<sup>th</sup>, Indonesia the 9<sup>th</sup>, Thailand the 13<sup>th</sup>, Vietnam the 33<sup>rd</sup>, Papua New Guinea the 99<sup>th</sup> and Mongolia the 111<sup>th</sup>, respectively. In many SGATAR member countries, a majority of exchange of information cases are those with the SGATAR member countries. For example, at the National Tax Agency, Japan, in Operation Years 2010 and 2011, more than 60% of exchange-of-information cases were held within SGATAR members. In particular, the exchange of information with SGATARS developing member countries increases its importance; the percentage of exchange-of-information cases with the SGATAR's developing member countries increased from 15% in Operation Year 2010 to more than 20% in Operation Year 2011. The OECD's Global Forum on Transparency and Exchange of Information for Tax Purposes is promoting internationally recognized standards. While the OECD Global Forum's 118 member economies committed to implement the internationally recognized standards include all of the SGATAR s developed member economies except Taipei, China, only half of the SGATAR's developing member countries, i.e. Indonesia, Malaysia, the Philippines and the PRC are the OECD Global Forum's members, which imposes a further risk to widen capacity gap among SGATAR member economies. The OECD's Global Forum has also recognized the necessity of capacity development activities such as training seminars in Southeast Asia including Indonesia, Malaysia, The Philippines, Thailand and Vietnam, and it has expressed its support for the ADB to lead capacity development activities for SGATAR member countries.

**Impact:** Sustainable tax base in participant DMCs through strengthened international cooperation mechanism.

**Outcome:** Enhanced enforcement capacity in the member tax authorities of the Study Group on Asian Tax Administration and Research (SGATAR).

#### Business Opportunities

- **Consulting Services:** There are no Consulting Services Recruitment Notices currently available for this project.
  
- **Procurement:** There are no procurement notices currently available for this project.

#### D. Sustainable Energy Training Program 2014

**TA No.** : 8644  
**Project No.** : 48251-001  
**Amount (US \$ million)** : 0.23  
**Sector** : Energy

Responsible ADB Officer: Aiming Zhou (E-mail: [azhou@adb.org](mailto:azhou@adb.org))  
Regional and Sustainable Development Department  
Sustainable Infrastructure Division

Status: ADB Board approved on 8 May 2014.

Description: The small-scale technical assistance (SSTA) proposes to support DMC participation at four identified training events, as follows:

(i) Regional Energy Efficiency Workshop (to be held in ADB Headquarters, Manila, 15 - 16 May 2014). This high-level workshop will aim to focus on systematized energy efficiency program support and investment that can leverage existing resources to generate broader and deeper impacts while generating momentum for further EE market development. The lessons learned to date from the implementation of energy efficiency across countries and thematic areas will be presented for all stakeholders in evaluating specific EE interventions for Asia. Participants, estimated to number about 20-25, will include representatives from government agencies in charge of energy efficiency project development, energy efficiency practitioners, managers from utilities and finance institutes.

(ii) Energy Efficiency Training Seminar: Central and West Asia Region (to be held in Kuala Lumpur, Malaysia, 28-30 May 2014). According to ADB's 2013 Energy Outlook, in the business-as-usual (BAU) case, Central and West Asia's primary energy demand is projected to increase from 248.5 million tons of oil equivalent (Mtoe) in 2010 to 385.8 Mtoe in 2035 at an annual rate of 1.8%. Kazakhstan, Pakistan, and Uzbekistan will account for 80.4% of primary energy demand in Central and West Asia in 2035. Central and West Asia has the potential to save about 37.6 Mtoe in 2035 or a 9.8% reduction by actively promoting energy efficiency compared with the BAU case. Many of the members in Central and West Asia are faced with challenges in electricity supply due to facility deterioration and lack of rehabilitation and maintenance, which are caused by tight financial situations. End-use sector's energy efficiency is a key solution to meeting energy and economic challenges in developing Asia, including Central West Asia. Unlike approaches that simply expand energy supply, such as building new power plants, energy efficiency prioritizes actions that first reduce the need for energy. Such reductions may occur by decreasing energy losses in the supply chain, an approach known as supply-side energy efficiency (SSEE). Another approach is to consume less energy for the same level of service, for example, when operating buildings, tools, products, and machinery. This strategy is known as demand-side energy efficiency (DSEE). This program is organized in the context of major challenges and opportunities for the energy saving as an energy source for economic growth in Central West Asia. ADB and Central Asia Regional Economic Cooperation (CAREC) have been supporting the region in its efforts to develop a modern, secure and sustainable energy system and this Energy Efficiency training seminar intends to build on this momentum by focusing on energy saving technologies, policies, solutions and best practices from around the world. Kuala Lumpur, Malaysia has been selected as a geographically neutral venue for the training seminar, in considering to easing visa arrangement and reducing event cost. This SSTA is to finance the estimated need of 5 resource persons for the training seminar, and CWRD will finance participants (relevant government officers, public utility managers, bankers etc.) from CAREC countries and other logistics expenses.

(iii) Workshop on Regional Energy Trade (to be held at ADB Headquarters, Manila, September 2014). Regional cooperation in energy through trade helps secure energy supply of resource-poor countries and diversify markets of DMCs endowed with energy resources. This would be true for contiguous countries in Southeast Asia, Central and South Asia. The Workshop aims to gather the experience of DMCs in

energy trade: what were the barriers and how these barriers were overcome. This Workshop will also impart knowledge from developed countries in regard to model power supply contracts, pricing methodologies and other agreements and institutional arrangements that can facilitate energy trade. On the technical side, the Workshop will also present the required physical infrastructure and specifications that can minimize theft and losses when energy is transmitted. An estimated 25 participants and 8 resource persons will be invited to the workshop.

(iv) Seventh Asia Solar Energy Forum (ASEF) (to be held in Seoul, Korea, 14-15 October 2014). To date, six meetings of the ASEF have been successfully conducted, comprising a well-balanced mix of public sector policy and decision-makers, industry leaders from the private sector, and stewards in project and investment financing and development, and other sectors with an interest in advancement of solar energy globally. The Energy CoP is coordinating the organization of the 7<sup>th</sup> ASEF in Korea. It is proposed that the meeting will cover the global solar outlook; latest technology trends; opportunities in Asia's big markets; off-grid and island opportunities; solar market development in other regions; and private financing of solar projects. A minimum of 150 attendees are expected from DMCs, private sector and ADB staff. Travel-related costs for approximately 10 DMC participants and 5 resource persons will be funded by the TA.

**Project Rationale and Linkage to Country/Regional Strategy:** A long-identified constraint on clean energy investment by ADB is the capacity of DMCs to overcome obstacles related to greater clean energy investment. Obstacles can be technical, institutional or financial. Common to all of these is the need for greater knowledge dissemination and exchange on leading deployment models and solutions. In particular, ADB has identified south-south knowledge exchange as an area for further emphasis, so that DMC decision makers can learn from successful approaches that have been undertaken by countries facing similar circumstances and constraints to further clean energy investment.

#### Business Opportunities

**Consulting Services:** The project will not require consulting services. There are no Consulting Services Recruitment Notices currently available for this project.

**Procurement:** No procurement is envisioned for this project. There are no procurement notices currently available for this project.

### **E. Facilitating Trade for Fragile and Landlocked States in the post-Bali Institutional Environment**

<b>TA No.</b>	:	<b>8655</b>
<b>Project No.</b>	:	<b>48204-001</b>
<b>Amount (US \$ million)</b>	:	<b>0.23</b>
<b>Sector</b>	:	<b>Industry and trade</b>

Responsible ADB Officer: Alisa Di Caprio (E-mail: [adicaprio@adb.org](mailto:adicaprio@adb.org))  
Office of Regional Economic Integration

Status: ADB Board approved on 14 May 2014.

**Description:** The Small-Scale Technical Assistance (SSTA) supports ADB's efforts to more effectively engage marginalized developing member countries with the international trading system. It will contribute to this goal by producing a multi-country study clarifying how countries can take advantage of the opportunities they will face over the next five years as a result of changes in the institutional structure of trade such as the upcoming Free Trade Agreements (FTAs), and the implementation of the agreements reached during the World Trade Organization's (WTO's) Bali Ministerial.

**Project Rationale and Linkage to Country/Regional Strategy:** The SSTA supports ADB's efforts to more effectively engage marginalized developing member countries with the international trading system. This

SSTA will explore how both FCAS and LLDCs can take advantage of their participation in regional and global trade agreements such as FTAs and the WTO. Country coverage will likely include: Timor-Leste, Tuvalu, Mongolia, Afghanistan, and Kazakhstan. Case studies will evaluate both the opportunities presented by their existing trade commitments and also suggest future platforms that will enable countries to have more informed and balanced negotiations. This will focus in particular on opportunities and challenges that countries will face over the next 5 years as a result of the changes in the institutional structure of trade.

Impact: The process of trade negotiations for FCAS and LLDCs has improved

Outcome: Policymakers in the FCAS and LLDCs have improved understanding of relevant trade opportunities and bottlenecks

Outputs:

1. Papers completed and key findings presented in key meetings
2. Policy dialogue conducted between government and private sector

#### Business Opportunities

- Consulting Services: Consultants with expertise on trade and development, either international or national, will be engaged for a total of twelve person-months to draft the papers. A national consultant will be engaged to assist with the coordination of TA activities. The TA will require a total of 18 person-months of consulting services. Advance contracting may be considered.

There are no Consulting Services Recruitment Notices currently available for this project.

- Procurement: There are no procurement notices currently available for this project.

#### **F. Implementation of Microfinance Industry's Client Protection Principles**

**Project No.** : 48253-001  
**Amount (US \$ million)** : 0.23  
**Sector** : Finance

Responsible ADB Officer: Shigehiro Shinozaki (E-mail: [sshinozaki@adb.org](mailto:sshinozaki@adb.org))  
Office of Regional Economic Integration

Status: ADB Board approved on 15 May 2014.

#### Business Opportunities

- Consulting Services: There are no Consulting Services Recruitment Notices currently available for this project.
- Procurement: There are no procurement notices currently available for this project.

#### G. Selected Evaluation Studies for 2014

**TA No.** : 8653  
**Project No.** : 43072-013  
**Amount (US \$ million)** : 2.5  
**Sector** : Multisector

Responsible ADB Officer: Valerie Reppelin-Hill (E-mail: [vhill@adb.org](mailto:vhill@adb.org))  
Independent Evaluation Department, Office of the Director General, IED

Status: ADB Board Approval 21 May 2014.

#### Business Opportunities

- Consulting Services: Evaluation studies under the technical assistance (TA) are tentatively estimated to require about 46 and 88 person-months of international and national consulting inputs, respectively. Specific requirements for each evaluation will be reviewed and finalized during the preparation of an appropriate concept paper or evaluation approach paper (EAP). For the learning events, in-country national consultants (i.e., events management coordinator) will be recruited to help organize, implement, and coordinate the events. Resource persons will also be engaged to serve either as panelists and moderator for every learning event.

There are no Consulting Services Recruitment Notices currently available for this project.

- Procurement requirements for training/seminars/conferences and other goods will be determined during the preparation of an appropriate concept paper or EAP for each major evaluation.

There are no procurement notices currently available for this project.

#### H. Supporting the Use of Carbon Financing from New Carbon Market Mechanisms to Promote Green Growth in Asia and the Pacific

**TA No.** : 8654  
**Project No.** : 48142-001  
**Amount (US \$ million)** : 1.5  
**Sector** : Multisector

Responsible ADB Officer: Virender Kumar Duggal  
Regional and Sustainable Development Department  
Climate Change Coordination & Disaster Risk Management Unit

Status: ADB Board approved on 23 May 2014.

Description: The technical assistance (TA) aims to build on this success and continue to support DMCs and ADB's operations departments through the technical support facility with special focus on bilateral mechanisms amidst the increasing complexity of carbon market schemes particularly during 2013 and 2017 before a new global framework is in place. The TA will complement ongoing RETA 8223: Supporting the Use of Carbon Financing to Promote Green Growth in Asia & the Pacific which supports the: (i) development of CDM projects; and (ii) facilitation of linkages among domestic ETS. RETA 8223 does not support new forms of international carbon market mechanisms that are expected to emerge after the first commitment period of the Kyoto Protocol, e.g., bilateral carbon market. Bilateral carbon market is an emerging mechanism which not only helps GHG mitigation projects through carbon credits

but, also supports them with technology transfer, concessional finance and other financial support. It may also be noted that in their formative years a lot of support will be needed in formulation of methodologies as well as Monitoring, Reporting and Verification (MRV) of GHGs. Hence, the requirements of bilateral mechanisms are quite different from the earlier carbon credit based mechanisms. The earlier TAs of TSF/CMP do not include ADB support to the development of bilateral mechanism projects.

**Project Rationale and Linkage to Country/Regional Strategy:** The countries of Asia and the Pacific have a key role to play in addressing global climate change issues. Because of rapid economic growth, Asia and the Pacific is becoming a major source of greenhouse gas emissions, largely because of the rapidly increasing demand for energy. Emissions from energy production in Asia and the Pacific have grown by 194% since 1990. Business-as-usual projections by the International Energy Agency suggest that Asia's share in global greenhouse gas emissions could increase from 35% in 2009 to 46% by 2030, surpassing emissions from Organization for Economic Co-operation and Development countries. It is clear that decoupling the region's growth from carbon emissions is pivotal in the global efforts to mitigate climate change.

**Impact:** The overall impact of the TA is to promote green growth and low carbon development in ADB's developing member countries of Asia and the Pacific.

**Outcome:** Increased DMC capacity on utilization of bilateral carbon market mechanisms

**Outputs:**

1. Capacity building activities for institutions and local experts on bilateral carbon market mechanisms
2. Direct project support under bilateral carbon market mechanisms
3. Knowledge sharing/products on new mechanisms, including bilateral and sectoral mechanisms conducted/produced

#### Business Opportunities

- **Consulting Services:** There are no Consulting Services Recruitment Notices currently available for this project.
- **Procurement:** There are no procurement notices currently available for this project.

## **TAJIKISTAN**

### **Water Resources Management in Pyanj River Basin**

**TA No.** : 8647  
**Project No.** : 47181-001  
**Amount (US \$ million)** : 1.12  
**Sector** : Agriculture and natural resources

**Responsible ADB Officer:** Ryutaro Takaku (E-mail: [rtakaku@adb.org](mailto:rtakaku@adb.org))  
Central and West Asia Department  
Environment, Natural Resources & Agriculture Division

**Status:** ADB Board approved on 12 May 2014.

**Description:** The project preparatory technical assistance (PPTA) is to design an investment project for increased farm incomes in the Chubek Irrigation System (CIS) area in the Pyanj River basin (PRB). PPTA will be implemented over a period of 11 months (July 2014-May 2015).

**Project Rationale and Linkage to Country/Regional Strategy:** Tajikistan is the most vulnerable in of central Asia and Caucasus countries to food insecurity due to its limited irrigated land which account for

95% of crop production and underdeveloped agriculture. 45% of the country's employment and 57% of all rural employment is still in agriculture. Almost 80% of the country's working poor live in rural areas and half of the working poor are in agriculture mainly due to low labor incomes. Between 1990 and 2004 country's annual diversions from surface and groundwater declined from 13.7 km<sup>3</sup> to 12.3 km<sup>3</sup> and its water delivered declined from 12 km<sup>3</sup> to 9 km<sup>3</sup>. This resulted in a decrease of water delivery efficiency from 88% to 75%. These are attributed to the deteriorating WRM infrastructure, in particular irrigation and drainage (I&D) as 91% of country's diverted water has been used for irrigation, and the weak capacity of WRM institutions including government agencies and water users associations (WUAs) on the operation and maintenance (O&M) of the WRM. The government has prioritized efforts to increase the effectiveness and efficiency of WRM and agriculture production. It targets the improvement of irrigated agriculture covering 320,000 ha and the creation of irrigated land of 1,500 ha to increase 7% in the value of agricultural products by 2015 to meet national food demand. To achieve these targets it calls for \$262 million for a better WRM and \$24 million for better agriculture investment. The government is also reforming WRM system. The Ministry of Land Reclamation and Water Resources (MLRWR) was abolished in November 2013 and its responsibilities were reassigned to the newly formed: (i) the Ministry of Energy and Water Resources (MEWR) responsible for the policy and regulations on WRM; and (ii) the Agency of Land Reclamation and Irrigation (ALRI) responsible for development and management of WRM infrastructure. Further reforms include: (i) the change in WRM areas from territorial administrative to hydrological areas; and (ii) the establishment of river basin management plans (RBMPs) to clarify and monitor water allocations, water governance institutes such as river basin organizations to develop RBMPs, river basin councils which will provide a participation mechanism of different water users and approve RBMPs, in line with principles of integrated WRM. The World Bank has commenced support for these reforms at a national level and in the Kafernigan River basin. ADB is requested by the government to help reform and modernize deteriorated WRM infrastructure in PRB, the largest river basin in the country. Given more than 40% of PRB comprises the territory of Afghanistan and serious flood disasters occurred frequently, in 2010 both governments signed a bilateral agreement for joint hydrological monitoring of Pyanj River, with the help of developing partners including ADB. A road map to establish a joint PRB commission was developed in 2013 with ADB assistance. The governments are seeking technical and financial assistance to implement the road map. PRB's WRM will affect economy and food security in PRB as it includes the majority of Khatlon province which has the largest population (2.7 million) and agriculture production (e.g., 774,000 tons cereal production) in the country, and is country's poorest river basin (55% in poor population). For better PRB's WRM, the following in particular need to be paid attention: (i) PRB's water demand is 12% higher than diversion; and (ii) PRB is vulnerable to the climate change, and the following impacts to WRM are predicted, (a) gradual shift in the river flow seasonal distribution, and (b) increase of water deliveries requirements in irrigation systems. Among irrigation systems covering about 120,000 ha in PRB, CIS is the largest system (45,000 ha) taking water from the Pyanj River. CIS's water supply capacity has declined up to around 80m<sup>3</sup>/s in 2013 compared to 150m<sup>3</sup>/s in 1950 due to a deterioration of I&D infrastructure, high sediment loads, and weak O&M capacity. While ADB financed \$3.7 million for partial rehabilitation, it is not enough for its full functioning. Major crops are wheat, cotton, and vegetables which account for 31%, 51%, and 18% of the cultivated area, respectively. Crop yields are low (e.g., wheat yield of 2.36 t/ha is significantly lower than the one in Uzbekistan of 4.50 t/ha) and water productivity in PRB is also low (e.g., estimated productivity for wheat of 0.6 kg/m<sup>3</sup> could be between 0.8-1.0 kg/m<sup>3</sup> with appropriate irrigation and sufficient other inputs). The proposed project will reflect the following lessons learnt from previous ADB financed irrigation project: (i) focus should be on full rather than partial rehabilitation for effective system performance; (ii) projects dispersed over a broad geographic area are hard to implement and have high administrative burdens; (iii) improving on-farm agricultural productivity is important for project sustainability and an appropriate implementing partner should be chosen for the improvement; and (iv) sufficient funds should be raised through water use levies or government contributions to ensure the sustainability of WUAs and coverage of O&M costs. A standard stand-alone project is proposed as the majority of the project scope (i.e. target river basin and WRM infrastructure), has been identified. It is included in the Country Operations Business Plan, 2014-2016.

#### Business Opportunities

- Consulting Services: Project preparatory technical assistance (PPTA) will require one consultancy contract and provide 22.5 international person-months and 51 national person-months through a firm using the QCBS procedure at 80:20 ratio and simplified technical proposals following ADB's Guidelines on the Use of Consultants and its Borrowers (2013, as amended from time to time)

There are no Consulting Services Recruitment Notices currently available for this project.

- Procurement: There are no procurement notices currently available for this project.

## V. GRANT

### KIRIBATI

#### South Tarawa Sanitation Improvement Sector Project (formerly Tarawa Sanitation Improvement Project)

**Grant Nos.** : 0263; 0387  
**Loan No.** : 2795  
**Project No.** : 43072-013  
**Amount (US \$ million)** : 23  
**Executing Agency** : Ministry of Finance and Economic Development  
**Sector** : Water Supply and Sanitation

Responsible ADB Officer: Allison Woodruff (E-mail: [awoodruff@adb.org](mailto:awoodruff@adb.org))  
Pacific Department  
Urban, Social Development & Public Management Division

Status: ADB Board approved on 14 May 2014.

Description: South Tarawa is formed by a series of islets located along the southern rim of Tarawa Atoll with a total land area of just 15.76 square kilometers (km<sup>2</sup>). High population density, poor hygiene practices and inadequate sanitation infrastructure have contributed to a high prevalence of waterborne disease among the local population and degradation of the natural environment. The proposed Project will support improvements to the health of communities in South Tarawa. This will be achieved through enhanced community engagement in, and public awareness of, hygiene and sanitation; rehabilitation and upgrading of sanitation infrastructure; capacity development to improve sector planning, and operation and maintenance of urban water supply and sanitation services; and the creation of a sanitation maintenance fund to ensure adequate financing for sanitation infrastructure maintenance. A project preparatory technical assistance (TA) is preparing the Project including the development of the Water Supply and Sanitation Roadmap 2011-2030 and associated investment plan, and required due diligence assessments.

Impact: Improved health of South Tarawa's population.

Outcome: South Tarawa's urban male and female population has equal access to improved sanitation.

Outputs:

1. Priority sanitation sector infrastructure investments are undertaken by MPWU and PUB
2. Sanitation and hygiene practices among South Tarawa's population are improved.
3. PUB has the capacity to efficiently and effectively deliver sanitation services
4. MPWU provides effective regulatory oversight of water and sewerage service delivery

5. Project management services within MPWU and PUB ensure efficient and effective project implementation

#### Business Opportunities

- Consulting Services: Project Management and Implementation Consultants commenced services on 16 July 2012. Recruitment of Sanitation and Gender Community Mobilizers posted on 8 March 2013.

There are no Consulting Services Recruitment Notices currently available for this project.

- Procurement: Detailed design and preparation of bid documents for the core sub-projects under preparation.

Procurement Plans: <http://www.adb.org/projects/documents/south-tarawa-sanitation-improvement-sector-project-procurement-plan>

## **SOLOMON ISLANDS**

### **Provincial Renewable Energy Project**

**Grant No.** : 0386  
**TA No.** : 3127  
**Project No.** : 46014-002  
**Amount (US \$ million)** : 15  
**Sector** : Energy

Responsible ADB Officer: Anthony Maxwell (E-mail: [amaxwell@adb.org](mailto:amaxwell@adb.org))  
Pacific Department  
Transport, Energy and Natural Resources Division

Status: ADB Board approved on 12 May 2014.

Description: The impact of the Project will be improved economic conditions in provincial centers. The outcome of the Project will be an increased supply of reliable, cleaner power to provincial centers by SIEA. The outputs of the Project will be (i) hydropower plants put into operation by SIEA, (ii) extension of distribution by SIEA, (iii) capacity building undertaken for implementing agency and project beneficiaries, and (iv) the Project Management Unit (PMU) renders efficient project management services.

Project Rationale and Linkage to Country/Regional Strategy: The proposed Outer Island Renewable Energy Project (Project) will support development of renewable energy in the Solomon Islands. It focuses on the outer islands where it will decrease the cost of power supply and increase access to power. This will be achieved through the development of low cost hydropower generation in provincial centers and through expansion of existing distribution grids. Electricity is generated and supplied by the Solomon Islands Electricity Authority (SIEA), which is a state-owned electricity utility that has the sole mandate to provide power across the country, including the national capital (Honiara) and eight outstations (Auki, Buala, Gizo, Kirakira, Lata, Malu u, Noro-Munda, and Tulagi). Installed capacity in Honiara is 26 MW (peak load 14.3 MW) and combined installed generation capacity in the outer islands is 4MW. Provision of electricity services is concentrated on Honiara in Guadalcanal. While 87% of the installed power generation is located in Honiara, Guadalcanal accounts for only 12% of the population (total population 553,000). Electricity in the outstations is 100% diesel generated with the exception of mini-hydropower operated in Malu u (0.04 MW) and Buala (0.15 MW). There is currently no private sector participation in power generation. Due to the reliance on diesel generation, power tariffs in Solomon Islands are high. SIEA charges a national uniform tariff, which in 2010 was \$0.59 c/kWh to residential customers and

\$0.63/kWh to commercial customers. Due to the high cost of transporting diesel to the outstations, generation costs in the outer islands are considerably higher than Honiara. Generation costs in the outer islands are significantly higher than in Honiara (\$0.53 in Honiara compared to \$0.94 in Lata). The high cost of power generation in the outer islands has a negative financial impact to SIEA's operations and provides a disincentive to the corporatized SIEA to expand the distribution network. Nationwide electricity is supplied to approximately 14% of the population. With few exceptions, electrification is confined to Honiara and eight provincial centers. Outside of these urban centers, less than 5% of the rural population has access to electricity through a small number of off grid and individual household solar systems. Access rates in Guadalcanal (Honiara) is 20% and Western Province is 17%, however access rates in the remaining provinces is extremely low, for example Malaita 3%, Temotu 3%, Choiseul 2%. The current electricity tariff does not allow full cost recovery for SIEA. As a result investment in maintenance and expansion of core power infrastructure has been lacking. Revenue collection is relatively low (estimated 80-90%), however SIEA is undertaking an ambitious effort to install prepayment meters on all consumers in parallel with an overhaul of the billing, accounting, and data management systems. Existing off-grid renewable energy projects in Solomon Islands include a range of household solar system programs and a small number of community based pico-hydropower schemes operating located in remote villages. Wind monitoring is also proposed at target sites. Grid connected renewable energy is limited to mini-hydropower at Buala and Malu u and a SIEA trial to replace diesel with coconut oil in the second largest outstation (Auki, Malaita). The Tina River Hydropower Project (14 MW) is currently being assessed to supply the Honiara grid. Previous technical analysis has identified excellent hydropower resources in the outer islands near demand load centers. It is estimated that hydropower could deliver leveled cost of energy generation of 6-12 c/kWh to a number of outstations. The project will not only contribute to SIEA's financial restructuring through reducing financial losses in the outstations, but also significantly increase access to electricity in the outer islands. The proposed project is also in line with the ADB's country partnership strategy (CPS) 2012-2016 for Solomon Islands, which prioritizes energy as a key area of support. The CPS supports the Solomon Islands National Development Strategy 2011-2020, which prioritizes development of reliable and affordable power supply in urban centers through renewable energy and prioritizes increasing electricity access. The proposed project supports the Solomon Islands National Energy Policy Framework, 2007 which prioritizes development of renewable energy for urban areas.

Impact: Increased economic activity in Auki, Malaita Province.

Outcome: SIEA has increased supply of more reliable and cleaner power to Auki, Malaita Province  
Implementation Progress

Outputs:

1. Fiu River Hydropower plant put into operation by SIEA
2. Extension of distribution grid by SIEA
3. Capacity building undertaken for implementing agency and project beneficiaries
4. The Project Management Unit (PMU) renders efficient project management services

#### Business Opportunities

- Consulting Services: The technical assistance (TA) will require 9 international consultants (23 months) and 4 national consultants (13 months) to be hired through a consulting firm. Consultants will be engaged by ADB in accordance with the Guidelines on the Use of Consultants (2010, as amended from time to time). The consulting firm will be engaged through quality and cost based selection method (quality-cost ratio of 90:10) using simplified technical proposal.

There are no Consulting Services Recruitment Notices currently available for this project.

- Procurement: The procurement of equipment by consultants under the TA, will follow ADB's Procurement Guidelines (2010, as amended from time to time). The proceeds of the TA will be disbursed in line with ADB's Technical Assistance Disbursement Handbook (2010, as amended

from time to time). The equipment procured under the TA will be turned over to the Government upon TA completion.

There are no procurement notices currently available for this project.

Procurement Plans: <http://www.adb.org/sites/default/files/projdocs/2014/46014-002-pam.pdf#page=28>

**VI. IN-COUNTRY EMBASSY AND COMMERCIAL OFFICES**

COUNTRY	EMBASSY POST	COMMERCIAL POST
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