



# Technical Assistance Report

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Project Number: 47286-001  
Regional—Capacity Development Technical Assistance (R-CDTA)  
December 2013

## Enhancing Readiness of ADB Developing Member Countries for Scaled Up Climate Finance

Asian Development Bank

## ABBREVIATIONS

ADB	–	Asian Development Bank
CPS	–	country partnership strategy
DMC	–	developing member country
GCF	–	Green Climate Fund
TA	–	technical assistance

## TECHNICAL ASSISTANCE CLASSIFICATION

<b>Type</b>	–	Regional—Capacity development technical assistance (R-CDTA)
<b>Targeting classification</b>	–	General intervention
<b>Sector (subsector)</b>	–	Public sector management (economic and public affairs management, public expenditure and fiscal management)
<b>Themes (subtheme)</b>	–	<b>Environmental sustainability</b> (global and regional transboundary environmental concerns); capacity development (institutional development)
<b>Climate change</b>	–	Climate change mitigation, climate change adaptation
<b>Location (impact)</b>	–	Rural (low), urban (low), national (high), regional (medium)

## NOTE

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

<b>Vice-President</b>	B.N. Lohani, Knowledge Management and Sustainable Development
<b>Director General</b>	W. Um, Officer-in-Charge, Regional and Sustainable Development Department (RSDD)
<b>Advisor</b>	P. Bhandari, Climate Change Program Coordination Unit, RSDD
<b>Team leader</b>	M. Rattinger, Climate Change Specialist, RSDD
<b>Team members</b>	A. Cinco, Operations Assistant, RSDD M.A. Dato, Senior Climate Change Officer, RSDD S. Hong, Climate Change Specialist, RSDD

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## I. INTRODUCTION

1. Under Strategy 2020, the Asian Development Bank (ADB) is responding to climate change as part of the broader agenda of promoting environmentally sustainable growth in Asia and the Pacific.<sup>1</sup> ADB emphasizes enhanced access to climate finance as a means of helping ADB developing member countries (DMCs) address the cost of implementing low-carbon, climate-resilient infrastructure. Actions to address climate change are priorities in a number of country partnership strategies (CPSs), and individual DMCs have made climate mitigation and adaptation an integral part of their national development strategies.<sup>2</sup> ADB has been tracking developments in international climate finance and is responsive to the requests of DMCs that seek enhanced access to these finance mechanisms.

2. The proposed activities under the technical assistance (TA) will help build DMC capacity to access critical financing for scaling up climate change actions. The TA will help two to three ADB DMCs develop the capacity to identify priority investment projects that mitigate climate change and/or support adaptation to climate change while creating sustainable development co-benefits. These priority investment projects may qualify for support through international climate finance mechanisms such as the Global Environment Facility, and other evolving mechanisms, such as the Green Climate Fund (GCF) and financing for nationally appropriate mitigation actions, in addition to multilateral development bank financing and private sector finance. It will help DMCs to conceptualize financing strategies for these investments, and identify capacity gaps and barriers that impede the flow of climate finance.<sup>3</sup> The design and monitoring framework is in Appendix 1.<sup>4</sup>

3. The design of the proposed TA has been discussed informally with a range of DMC representatives, bilaterally as well as at various regional and international forums. The TA concept has also been discussed informally in the context of ADB involvement with the GCF, during which a number of DMCs expressed interest in ADB assistance for identifying projects that could access the GCF, and in enhancing DMC “readiness” for scaled up climate finance.<sup>5</sup> ADB support to enhance DMC readiness has also been highlighted in conversations with possible donor countries, including the Republic of Korea.

## II. ISSUES

4. Given the need of DMCs to undertake massive additional investments to transition to a low-carbon and climate-resilient development path on one hand, and the emergence of new climate finance mechanisms such as the GCF (which is set to deliver a substantial amount of additional climate finance by 2020) on the other, ADB will face increasing demands for assistance with regard to climate-related investment, including those supported by international

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<sup>1</sup> ADB. 2008. *Strategy 2020: The Long-Term Strategic Framework of the Asian Development Bank, 2008–2020*. Manila.

<sup>2</sup> Of the 24 CPSs endorsed from 2009 to May 2013, all recognized climate change as a development issue, with some emphasizing climate change as one of the key pillars or strategic priorities of their work with ADB. Climate change interventions have also been mainstreamed in country operations to varying degrees in the CPSs.

<sup>3</sup> TA activities in DMCs will be initiated only after a no-objection letter has been obtained from the government.

<sup>4</sup> The TA first appeared in the business opportunities section of ADB’s website on 6 December 2013.

<sup>5</sup> Despite the lack of a definition of “readiness,” it is understood that climate finance readiness enhances the capacity of recipient countries to absorb financial resources (i.e., it builds absorptive capacity) and ensures that these countries have the mechanisms in place to access international climate finance from a variety of sources.

climate finance.<sup>6</sup> Aside from upgrading its own support to mitigation and adaptation initiatives in DMCs, ADB will be called on to help enhance DMC readiness for scaled up climate finance, including from multilateral, bilateral, and private sector sources.

5. Although all DMCs have different mechanisms, processes, and capacity in place that can be built on, many will require targeted assistance to derive maximum benefit from the evolving global climate finance architecture. DMC demands for TA, including to ADB, are expected to increase in both number and complexity in the coming years. Demand for investment in low-carbon, climate-resilient infrastructure sectors in DMCs by multilateral, bilateral, and private sector climate finance sources will also grow.

6. DMCs must develop strategic approaches to engage with the new and evolving international climate finance mechanisms. They must also help to increase investment in low-carbon, climate-resilient infrastructure, including through the domestic private sector. Given the volume of investment needed and the limitations of public funds—both in DMCs and in developed donor countries—the role of the private sector is crucial.

7. Policy frameworks, institutional capacity, and technical skills must be strengthened at national, subnational, and local levels for ADB DMCs to enhance their readiness for scaled up climate finance and to improve their ability to plan, budget, deliver, and conduct monitoring, reporting, and verification of climate outcomes and climate finance.

### **III. THE TECHNICAL ASSISTANCE**

#### **A. Impact and Outcome**

8. The impact of the TA will be increased access to international climate finance by selected DMCs. The outcome of the TA will be increased readiness of DMCs to access climate finance for low-carbon, climate-resilient infrastructure projects.

#### **B. Methodology and Key Activities**

9. The outputs of the TA will be (i) identification of opportunities for new and scaled up climate finance operations; (ii) identification of priority infrastructure investment projects and capacity building needs in selected DMCs; and (iii) enhanced awareness of investment opportunities in low-carbon, climate resilient infrastructure.

10. The TA will build on the experience of the Climate Investment Funds, which showed that DMCs require significant capacity building and institutional strengthening to access and absorb climate finance effectively on a greater scale and over sustained periods. The TA is also designed to complement ADB initiatives under implementation, such as TA 8572, which aims to improve South Asian DMC planning capacity to manage climate change.<sup>7</sup> The proposed TA could complement this TA by working closely in delivering common outputs such as resulting

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<sup>6</sup> A presentation given by the South Centre at the 2012 United Nations Framework Convention on Climate Change (UNFCCC) meeting on long-term climate finance in Bonn, Germany estimated the financing requirements for climate change mitigation and adaptation in developing countries to range from \$600 billion to \$1,550 billion per year (\$500 billion–\$1,100 billion for mitigation, and \$100 billion–\$450 billion for adaptation). South Centre. 2012. *Understanding Long-Term Finance Needs of Developing Countries*. Bonn.

<sup>7</sup> ADB. 2013. *Action on Climate Change in South Asia*. Manila (TA 8572-REG).

investment projects and knowledge products. These include aspects related to international climate finance and mobilization of private sector investment.

11. **Output 1: Opportunities for new and scaled up climate finance operations identified.** A report containing the following will be produced: (i) an analysis of climate finance sources and mechanisms and an assessment of the resulting opportunities for new or scaled up climate finance operations, with emphasis on opportunities in adaptation, and mobilizing the private sector; (ii) at least three conceptual proposals for ADB leadership and participation in large-scale, medium- to long-term low-carbon and/or climate-resilience investment programs—these could build on existing initiatives not yet taken to the scale needed to achieve the impact required to “bend the emission curve” (significantly alter the trajectory of greenhouse gas emissions) or be new concepts that could be pilot tested; (iii) minutes of a roundtable discussion involving key public and private sector actors on recommendations for advancing concepts with the highest level of potential for mobilizing finance and generating climate impact at scale and speed; and (iv) advice for building readiness for climate finance in DMCs.

12. **Output 2: Priority infrastructure investment projects and capacity building needs identified.** For each of the targeted DMCs, a portfolio of two to three priority infrastructure investment projects with climate mitigation and/or adaptation benefits will be identified. The projects will be selected on the basis of their impact, feasibility, and congruence with national development priorities; relevance to the ADB CPS; and likelihood of accessing international climate finance and private sector finance. Based on a systematic assessment of DMC climate finance readiness, the TA will produce a report describing (i) DMC opportunities and options for climate investment based on DMC needs, priorities, capacities, and climate change and development strategies and policies, with financial and technical support from development partners as well as the private sector; (ii) the experience and ability to engage with international sources of climate finance at national and subnational levels, including the identification of barriers that prevent access to a greater volume of climate finance, and recommendations to enhance participation in existing and emerging climate finance mechanisms; and (iii) the capacity to plan for and deliver finance in conjunction with the private sector and other stakeholders. The report will also contain recommendations to improve climate finance delivery systems and scale up private sector investment using public and international climate finance mechanisms. It will identify key gaps regarding in-country institutional or technical capacity to track finance flows, greenhouse gas emission mitigation, enhanced climate resilience, and related co-benefits for sustainable development; and analyze how these gaps may be overcome, including through financial and technical support from development partners.

13. **Output 3: Awareness of investment opportunities in low-carbon, climate resilient infrastructure enhanced.** A national workshop will be organized in each of the targeted DMCs to present the results of the DMC studies produced under output 2 to DMC stakeholders from the public and private sector, civil society, and development partners who would be instrumental for implementation of the identified priority investment projects. A regional workshop at ADB will be held to present the results of the DMC studies to representatives of other DMCs and potential financing and implementation partners.

14. The design of the TA is based on the assumption that the current high interest among DMCs to access a greater volume of climate finance through international finance mechanisms will continue. Potential risks relate to (i) lack of commitment by developed countries to scale up bilateral climate finance quickly; and (ii) delays in the implementation of international climate finance mechanisms such as the GCF, which would restrict the amount of available financing. Risks will be mitigated by (i) maintaining ADB involvement as an observer institution to the GCF;

and (ii) fostering communication with developed countries with regard to their bilateral climate finance activities.

### **C. Cost and Financing**

15. The TA is estimated to cost \$750,000, which will be financed on a grant basis by ADB's Technical Assistance Special Fund (TASF-V). The cost estimates and financing plan is in Appendix 2.

### **D. Implementation Arrangements**

16. ADB will be the executing agency, with the Climate Change Program Coordination Unit of the Regional and Sustainable Development Department as the focal point. The TA is expected to commence in January 2014 and will be completed in January 2016. An indicative implementation schedule for activities is in the design and monitoring framework (Appendix 1).

17. Target DMCs will be proposed after discussions with regional departments, the Private Sector Operations Department, DMC authorities, and other stakeholders, as well as consultations with development partners and the GCF Secretariat.<sup>8</sup> They will include at least one Group A DMC<sup>9</sup> and one small island DMC. The TA will target two to three DMCs.

18. The TA will finance consulting services, workshops, and report preparation. Consulting services totaling 60 person-months (20 international and 40 national) will be required. The TA will initially engage five consultants: (i) senior climate change specialist and team leader (13 person-months, international); (ii) senior finance specialist (2 person-months, international); (iii) climate change adaptation finance specialist (2 person-months, international); (iv) public policy and finance management specialist (3 person-months, international); and (v) regional project coordinator (12 person-months, national). Additionally, the costs for services of climate policy and finance consultants (28 person-months, national) are also budgeted. The positions will be recruited on a demand basis to respond flexibly to the outcome of discussions within ADB and with DMCs and other stakeholders. The terms of reference for consultants are in Appendix 3.

19. Consultants will be engaged on an individual basis following ADB's Guidelines on the Use of Consultants (2013, as amended from time to time). Individual consultant selection is proposed as the project is designed to respond to specific requests from regional departments for advisory services and studies, which will be identified based on project selection criteria during project implementation.

20. Where possible, the TA will forge partnerships with regional centers of excellence in particular to tap knowledge on barriers and opportunities for scaling up DMC climate finance access.<sup>10</sup> National consultants attached to regional centers of excellence, nongovernment organizations, or academe may be engaged under the TA. The ADB climate change network and environment community of practice will be knowledge hubs for internal communication, coordination, and information dissemination.

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<sup>8</sup> Selection of target DMCs will be carried out before inception.

<sup>9</sup> Afghanistan, Bhutan, Cambodia, Kiribati, the Kyrgyz Republic, the Lao People's Democratic Republic, the Maldives, the Marshall Islands, Myanmar, Nauru, Nepal, Samoa, Solomon Islands, Tajikistan, Tonga, Tuvalu, and Vanuatu. ADB. 2013. Classification and Graduation of Developing Member Countries. *Operations Manual*. OM A1/BP. Manila.

<sup>10</sup> Informal consultations have been undertaken with the KDI School of Public Policy and Management in this regard.

#### **IV. THE PRESIDENT'S DECISION**

21. The President, acting under the authority delegated by the Board, has approved the provision of technical assistance not exceeding the equivalent of \$750,000 on a grant basis for Enhancing Readiness of ADB Developing Member Countries for Scaled Up Climate Finance, and hereby reports this action to the Board.



## DESIGN AND MONITORING FRAMEWORK

<b>Design Summary</b>	<b>Performance Targets and Indicators with Baselines</b>	<b>Data Sources and Reporting Mechanisms</b>	<b>Assumptions and Risks</b>
<p><b>Impact</b> Increased access to international climate finance by selected DMCs</p>	<p>By 2020: At least 50% of submitted priority projects successfully access climate finance (baseline: zero)</p>	<p>National reports of DMCs</p> <p>Donor country reports and reports from climate finance mechanisms (e.g., GCF reports)</p>	<p><b>Assumptions</b> Selected DMCs are committed to low-carbon, climate-resilient development</p> <p>Climate finance mechanisms (including in particular, the GCF) come on stream as planned</p> <p>Developed (donor) countries provide financial resources through the GCF and other mechanisms in a timely fashion</p> <p><b>Risks</b> Climate finance project cycle does not match investment project cycles</p> <p>Processes and timing of national and subnational planning does not allow for effective integration of climate finance considerations</p> <p>Insufficient buy-in by the private sector in the priority projects</p>
<p><b>Outcome</b> Increased readiness of DMCs to access climate finance</p>	<p>By 2016: At least one priority project per DMC submitted for financing through international climate sources (total of 2–3 new projects)</p>	<p>National reports of DMCs</p> <p>Donor country reports and reports from climate finance mechanisms (e.g., GCF reports)</p> <p>TA progress reports</p>	<p><b>Assumptions</b> DMC governments are willing to engage with international climate finance sources and mobilize private sector investment in support of low-carbon, climate-resilient infrastructure projects</p> <p>DMC investment priorities and mechanisms correspond to those targeted by climate finance sources</p> <p><b>Risk</b> Technical challenges of project formulation</p>

<b>Design Summary</b>	<b>Performance Targets and Indicators with Baselines</b>	<b>Data Sources and Reporting Mechanisms</b>	<b>Assumptions and Risks</b>
<p><b>Outputs</b></p> <p>1. Opportunities for new and scaled up climate finance operations identified</p> <p>2. Priority infrastructure investment projects and capacity building needs identified</p> <p>3. Awareness of investment opportunities in low-carbon, climate resilient infrastructure enhanced</p>	<p>At least 3 conceptual proposals describing long-term strategic opportunities for ADB to engage in low-carbon, climate-resilient infrastructure financing</p> <p>2-3 country reports (1 per selected DMC) describing the following:</p> <p>(i) a portfolio of 2–3 priority low-carbon, climate-resilient infrastructure investment projects with the potential to access international climate finance and multilateral development bank financing, with private sector participation</p> <p>(ii) strategies and recommendations to</p> <p>(a) enhance participation in climate finance mechanisms;</p> <p>(b) improve climate finance delivery systems and scale up private sector investments;</p> <p>(c) address gaps in institutional or technical capacity</p> <p>2-3 in-country workshops and 1 regional workshop conducted</p> <p>At least 150 representatives from the public and private sector, development partners, and nongovernment organizations participating at each workshop</p>	<p>TA progress reports, feedback from concerned DMCs and other stakeholders</p> <p>TA progress reports, feedback from concerned DMCs and other stakeholders</p> <p>TA progress reports, workshop reports</p>	<p><b>Assumption</b></p> <p>DMCs and stakeholders willing to provide information and collaborate</p>

<b>Activities with Milestones</b>	<b>Inputs</b>
<ol style="list-style-type: none"> <li>1.1. Consultations with ADB regional departments, the Private Sector Operations Department, DMC representatives, development partners, and other stakeholders, with regard to opportunities for new climate initiatives (by month 3)</li> <li>1.2. Compilation of conceptual proposals for ADB leadership and participation in low-carbon, climate-resilient investment programs (by month 4)</li> <li>1.3. Organization of roundtable discussion with key public and private sector actors (by month 4)</li> <li>1.4. Submission of final report (by month 6)</li>   <li>2.1. Consultation with ADB regional departments and DMC governments to identify target DMCs (by month 2)</li> <li>2.2. Agreement with DMC governments on information sharing arrangements and focal issues (by month 4)</li> <li>2.3. Assessment of national framework conditions for mitigation and adaptation; identification of potential areas of investment and related barriers to investment (by month 6)</li> <li>2.4. Hosting a national level consultation (e.g., public–private roundtables) with DMC authorities and stakeholders, and consultations with potential donors and the private sector, to identify and validate investment opportunities in priority sectors (by month 9)</li> <li>2.5. Development of a financing and implementation plan for 2–3 investment opportunities per DMC, and a plan to address the related capacity building needs (by month 15)</li> <li>2.6. Submission of DMC reports (by month 22)</li>   <li>3.1. Hosting a national workshop in each DMC; and presentation of plans to DMC government and stakeholders, the private sector, and representatives of international funders and climate financiers (by month 18)</li> <li>3.2. Hosting a regional workshop to present the results of the country studies and national workshops at ADB headquarters (by month 20)</li> </ol>	<p>ADB: \$750,000</p> <p>Participating governments will provide counterpart support in the form of staff time and other in-kind contributions.</p>

ADB = Asian Development Bank, DMC = developing member country, GCF = Green Climate Fund, TA = technical assistance.

Source: Asian Development Bank.

**COST ESTIMATES AND FINANCING PLAN**  
(\$'000)

<b>Item</b>	<b>Amount</b>
<b>Asian Development Bank<sup>a</sup></b>	
1. Consultants	600.00
a. Remuneration and per diem	
i. International consultants (20 person-months)	300.00
ii. National consultants (40 person-months)	240.00
b. International and local travel	60.00
2. Seminars, workshops, and conferences <sup>b</sup>	100.00
3. Miscellaneous administration and support costs	10.00
4. Publications	15.00
5. Contingencies	25.00
<b>Total</b>	<b>750.00</b>

<sup>a</sup> Financed by the Asian Development Bank's Technical Assistance Special Fund (TASF-V) (\$750,000).

<sup>b</sup> Includes honorarium and travel costs for resource persons and facilitators, participants' travel costs, staff travel costs as resource persons and/or speakers, and logistical costs.

Source: Asian Development Bank estimates.

## OUTLINE TERMS OF REFERENCE FOR CONSULTANTS

1. A team of international and national consultants will be engaged to assist in technical assistance (TA) implementation. The TA will require about 20 person-months of international and 40 person-months of national consultant inputs. The Asian Development Bank (ADB) will engage all consultants in accordance with its Guidelines on the Use of Consultants (2013, as amended from time to time).

### A. International Consultants

2. **Senior climate change specialist and team leader** (13 person-months). The consultant will have at least a master's degree in economics, environmental science, or a related discipline, and 15 years of experience related to environment and climate change. Knowledge of ADB and experience in Asia and the Pacific are highly desirable. The consultant will be responsible for the following tasks:

- (i) coordinate and plan overall TA implementation, including coordination of inputs by other consultants;
- (ii) consult with ADB regional departments and developing member country (DMC) governments, and identify target DMCs;
- (iii) assess national framework conditions for mitigation and adaptation, including political and governance conditions and general barriers for climate investment;
- (iv) compile existing low-carbon development strategies, plans, programs, and projects; and experiences with climate finance sources and delivery mechanisms to date;
- (v) map existing information resources on climate risks by sector, and on investment needs and options;
- (vi) consult with in-country stakeholders to validate two to three priority sectors for climate investment;
- (vii) in each of the sectors, identify potential opportunities for investment with significant climate change mitigation potential and/or adaptation benefits, as well as associated co-benefits, in accordance with national development plans and low-emission development strategies, nationally appropriate mitigation actions, national adaptation programs of actions, national adaptation plans, and related plans and strategies;
- (viii) compile a shortlist of actions that can lead to measurable, cost-effective, and sustainable greenhouse gas emissions reductions and/or enhancements of adaptive capacity; and make an initial evaluation of their technical, financial, social, environmental, and political feasibility;
- (ix) assess the feasibility of the actions and the available capacity to implement them, identifying technical, financial, skills-based, and other barriers and gaps;
- (x) identify and consult with potential actors and stakeholders, including potential international, national, public, and private funders;
- (xi) develop a financing plan for the actions in consultation with DMC authorities and the private sector, identifying available domestic public and private financing and the corresponding needs for financial, technology, and capacity building support, as well as the possible sources of this support;
- (xii) develop recommendations for mobilizing the needed support, including from bilateral and multilateral sources;
- (xiii) identify delivery mechanisms for support, and the local implementing authority or authorities;

- (xiv) define baselines, goals, targets, and a time line for implementation, as well as metrics to measure and assess progress; and describe how the impacts of actions can be monitored, reported, and verified; and
- (xv) consolidate, prepare, and submit reports.

3. **Senior finance specialist** (2 person-months, intermittent). The consultant will have at least a master's degree in finance, economics, business administration, or a related discipline, and 15 years of experience related to private sector infrastructure investment in developing countries. Knowledge of ADB private sector operations and experience in Asia and the Pacific are highly desirable. The consultant will be responsible for the following tasks:

- (i) coordinate with the consultant hired under the TA for Enhancing Knowledge on Climate Technology and Financing Mechanisms to carry out in-depth consultations with relevant staff across ADB operations, the Treasury Department, and the Strategy and Policy Department, as guided by the vice-president for knowledge management and sustainable development, and the director general for the Regional and Sustainable Development Department; support consultations with major multilateral and bilateral partners including the Government of the Republic of Korea and the Green Climate Fund (GCF);<sup>1</sup>
- (ii) provide expertise and inputs on opportunities and mechanisms for mobilizing private sector equity and debt for new or scaled up ADB climate operations, and identify and consult with select experts to validate these assessments;
- (iii) support the consultant hired under the earlier TA (footnote 1) to carry out consultations with the Treasury Department and the Private Sector Operations Department to develop at least three conceptual proposals for ADB leadership and participation in large-scale, medium- to long-term low-carbon and/or climate-resilient investment programs;
- (iv) help organize, and participate in, a roundtable involving key public and private sector actors on mobilizing finance for low-carbon and/or climate-resilient investment;
- (v) support bilateral consultations with key partners, donors, and DMC representatives on DMC climate finance readiness and early action on the GCF; and
- (vi) draft reports under the guidance of the team leader containing the above, and contribute to other reports as needed.

4. **Climate change adaptation finance specialist** (2 person-months, intermittent). The consultant will have at least a master's degree in economics, environmental science, or a related discipline, and 10 years of experience with climate adaptation issues in developing countries. Knowledge of ADB operations and experience in Asia and the Pacific are highly desirable. The consultant will be responsible for the following tasks:

- (i) coordinate with the consultant hired under the earlier TA (footnote 1) to carry out in-depth consultations with relevant staff across ADB operations, the Treasury Department, and the Strategy and Policy Department, as guided by the vice-president for knowledge management and sustainable development, and the director general for the Regional and Sustainable Development Department; support consultations with major multilateral and bilateral partners including the Government of the Republic of Korea and the GCF;

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<sup>1</sup> ADB. 2012. *Technical Assistance for Enhancing Knowledge on Climate Technology and Financing Mechanisms*. Manila (TA 7842-REG).

- (ii) provide expertise and inputs on opportunities and mechanisms for new or scaled up ADB climate operations to enhance DMC climate resilience, and identify and consult with select experts to validate these assessments;
- (iii) support the consultant hired under the earlier TA (footnote 1) to carry out consultations with the Treasury Department and the Private Sector Operations Department to develop at least three conceptual proposals for ADB leadership and participation in large-scale, medium- to long-term low-carbon and/or climate-resilient investment programs;
- (iv) help organize, and participate in, a roundtable involving key public and private sector actors on mobilizing finance for low-carbon and/or climate-resilient investment;
- (v) support bilateral consultations with key partners, donors, and DMC representatives on DMC climate finance readiness and early action on the GCF; and
- (vi) draft reports under the guidance of the team leader containing the above, and contribute to other reports as needed.

5. **Public policy and finance management specialist** (3 person-months, intermittent). The consultant will have at least a master's degree in economics, public finance management, public policy, or a related discipline, and 10 years of experience with public finance management issues in developing countries in Asia and the Pacific. Specific knowledge and work experience in one or more of the targeted DMCs is highly desirable, as is knowledge of climate finance. Knowledge of ADB operations is desirable. The consultant will be responsible for the following tasks:

- (i) for each of the participating DMCs, compile a report containing information on public policy instruments and public expenditure in climate-related areas, including information on processes for allocating discretionary resources and transfers from central government budgets to local government;
- (ii) describe any relevant experiences with funding modalities including direct budget support, extra-budgetary finance, and project-based finance for climate action, and management of funds at the national level;
- (iii) identify possible links between public finance mechanisms and international climate finance mechanisms; and
- (iv) identify opportunities for increasing the use of country systems to ensure smooth delivery of climate finance, and ensure coordination and monitoring of financing streams, as well as any possible shortcomings resulting from lack of in-country capacity.

## B. National Consultants

6. **Project coordinator** (12 person-months, intermittent). The consultant will have at least 10 years of experience in project administration and at least a bachelor's degree in a related discipline. Experience with ADB is highly desirable. The consultant will be responsible for the following tasks:

- (i) support the TA and team leader in organizing and coordinating implementation of the TA;
- (ii) support coordination and scheduling of inputs by consultants;
- (iii) develop project implementation schedules and apply adaptive management approaches to ensure smooth delivery of the TA outputs;
- (iv) support the recruitment of consultants;
- (v) support financial administration of the TA;

- (vi) coordinate and organize national and regional level workshops and roundtables, including the preparation of invitations, financial arrangements and logistics;
- (vii) support the team leader in organizing and facilitating capacity building activities;
- (viii) support in the preparation of project knowledge products and information dissemination, including background research and synthesis and editing of information;
- (ix) coordinate arrangements for the publication of country reports, including desktop publishing, editing, printing, and dissemination; and
- (x) any other tasks needed to ensure the smooth implementation of the TA.

7. **Climate policy and finance specialists** (28 person-months, intermittent). National consultants will be hired on a flexible basis through independent recruitment to support the team leader in the implementation of activities in selected DMCs under outputs 2 and 3. National consultants will be hired in each selected DMC. The consultants will have at least 10 years' experience in climate policy and finance, working experience in the selected DMCs, relevant sector expertise, including in sectors such as energy, transport, urban development, agriculture, and water and sanitation, and a master's degree in a related discipline. Experience with ADB is highly desirable. Full terms of reference will be prepared during implementation following selection of the DMCs, but generic tasks will include the following:

- (i) collect information on existing plans and strategies, projects, and experiences with climate change financing to date;
- (ii) identify and dialogue with key stakeholders in the public and private sectors;
- (iii) identify opportunities, barriers, and relevant capacity for investment in climate mitigation and adaptation in specific economic sectors;
- (iv) make recommendations on how barriers and capacity gaps may be overcome;
- (v) assess policy frameworks, financing mechanisms, and technological aspects of specific economic subsectors; and
- (vi) draft reports under the guidance of the team leader containing the above, and contribute to other reports as needed.