



Technical Assistance Report

Project Number: 50158-001
Regional—Capacity Development Technical Assistance (R-CDTA)
November 2016

Supporting Implementation of Environment-Related Sustainable Development Goals in Asia and the Pacific

This document is being disclosed to the public in accordance with ADB's Public Communications Policy 2011.

Asian Development Bank

ABBREVIATIONS

| | | |
|-------|---|---|
| ADB | – | Asian Development Bank |
| DMC | – | developing member country |
| ESCAP | – | Economic and Social Commission for Asia and the Pacific |
| MAPS | – | Mainstreaming, Acceleration, and Policy Support |
| MDG | – | Millennium Development Goal |
| SDG | – | Sustainable Development Goal |
| TA | – | technical assistance |
| UNDP | – | United Nations Development Programme |
| UNEP | – | United Nations Environment Programme |

NOTE

In this report, "\$" refers to US dollars.

| | |
|-------------------------|--|
| Vice-President | B. Susantono, Knowledge Management and Sustainable Development |
| Director General | M.C. Locsin, Sustainable Development and Climate Change (SDCC) |
| Director | H. Gunatilake, Environment and Safeguards, SDCC |
| Team leader | E. Marsden, Environment Specialist, SDCC |
| Team members | S.A. Ferdausi, Environment Specialist, SDCC |
| | D. Ponzi, Technical Advisor (Environment), SDCC |
| | M.A. Virtucio, Senior Environment Officer, SDCC |

In preparing any country program or strategy, financing any project, or by making any designation of or reference to a particular territory or geographic area in this document, the Asian Development Bank does not intend to make any judgments as to the legal or other status of any territory or area.

CONTENTS

| | Page |
|---|------|
| CAPACITY DEVELOPMENT TECHNICAL ASSISTANCE AT A GLANCE | |
| I. INTRODUCTION | 1 |
| II. ISSUES | 1 |
| III. THE CAPACITY DEVELOPMENT TECHNICAL ASSISTANCE | 3 |
| A. Impact and Outcome | 3 |
| B. Methodology and Key Activities | 3 |
| C. Cost and Financing | 4 |
| D. Implementation Arrangements | 5 |
| IV. THE PRESIDENT'S DECISION | 5 |
| APPENDIXES | |
| 1. Design and Monitoring Framework | 6 |
| 2. Cost Estimates and Financing Plan | 8 |
| 3. Outline Terms of Reference for Consultants | 9 |

CAPACITY DEVELOPMENT TECHNICAL ASSISTANCE AT A GLANCE

| 1. Basic Data | | Project Number: 50158-001 | |
|--|--|--------------------------------------|------------------------|
| Project Name | Supporting Implementation of Environment-Related Sustainable Development Goals in Asia and the Pacific | Department /Division | SDCC/SDES |
| Country | REG | Executing Agency | Asian Development Bank |
| 2. Sector | Subsector(s) | ADB Financing (\$ million) | |
| Agriculture, natural resources and rural development | Forestry | 0.35 | |
| | Land-based natural resources management | 0.30 | |
| | Water-based natural resources management | 0.30 | |
| | Energy efficiency and conservation | 0.01 | |
| | Urban sanitation | 0.02 | |
| | Urban solid waste management | 0.02 | |
| | Total | | 1.00 |
| 3. Strategic Agenda | Subcomponents | Climate Change Information | |
| Inclusive economic growth (IEG) | Pillar 2: Access to economic opportunities, including jobs, made more inclusive | Climate Change impact on the Project | Low |
| Environmentally sustainable growth (ESG) | Eco-efficiency | | |
| Regional integration (RCI) | Environmental policy and legislation | | |
| | Natural resources conservation | | |
| | Pillar 4: Other regional public goods | | |
| 4. Drivers of Change | Components | Gender Equity and Mainstreaming | |
| Governance and capacity development (GCD) | Institutional development | No gender elements (NGE) | |
| Knowledge solutions (KNS) | Knowledge sharing activities | | |
| Partnerships (PAR) | Pilot-testing innovation and learning | | |
| | Implementation | | |
| | Regional organizations | | |
| | South-South partner | | |
| | United Nations organization | | |
| Private sector development (PSD) | Public sector goods and services essential for private sector development | | |
| 5. Poverty and SDG Targeting | | Location Impact | |
| Geographic Targeting | No | Rural | High |
| Household Targeting | No | Urban | Low |
| SDG Targeting | Yes | | |
| SDG Goals | SDG12, SDG14, SDG15 | | |
| 6. TA Category: | B | | |
| 7. Safeguard Categorization Not Applicable | | | |
| 8. Financing | | | |
| Modality and Sources | | Amount (\$ million) | |
| ADB | | 1.00 | |
| Capacity development technical assistance: Technical Assistance Special Fund | | 1.00 | |
| Cofinancing | | 0.00 | |
| None | | 0.00 | |
| Counterpart | | 0.00 | |
| None | | 0.00 | |
| Total | | 1.00 | |
| 9. Effective Development Cooperation | | | |
| Use of country procurement systems | | No | |
| Use of country public financial management systems | | No | |

I. INTRODUCTION

1. The global development community adopted the Sustainable Development Goals (SDGs) in 2015, and the Asian Development Bank (ADB) has a responsibility to support its developing member countries (DMCs) in implementing them.¹ Compared with the Millennium Development Goals (MDGs), most SDGs have environmental sustainability underpinnings. SDGs 12, 13, 14, and 15 directly relate to the environment, as do others (including 1, 2, 3, 6, 7, 9, and 11) through the interactions of natural and social systems.² DMCs will need support to implement environment-related SDGs, which may be overlooked in national development plans compared with other SDGs, as happened under the MDGs. Capacities of DMCs will have to be strengthened to integrate these SDGs into national policies, plans, and programs and to address implementation issues, such as strengthening statistics; developing partnerships; financing; and harnessing science, technology, and innovation.³

2. The capacity development technical assistance (TA) is consistent with Strategy 2020, its midterm review, and the Environment Operational Directions.⁴ ADB is preparing Strategy 2030, its long-term strategy leading to 2030. The TA will potentially contribute to aligning the new ADB strategy with environment-related SDGs. Demand for the TA has been confirmed with DMC officials as well as with the regional departments that were consulted to identify regional priority environmental challenges that could be addressed through the environment-related SDGs, and potential pilot DMCs.⁵ The design and monitoring framework is in Appendix 1.⁶

II. ISSUES

3. Implementation of environment-related SDGs will be critical for continued development in the region. Environmental degradation and climate change threaten development gains, with the poor suffering most. At the third Asia-Pacific Forum on Sustainable Development in April 2016, which initiated a regional dialogue on implementing Agenda 2030, participants identified environmental challenges to be prioritized in the region, including degradation of ecosystems, unsustainable resource use, air and water pollution, and threats posed by climate change and natural disasters. In providing DMCs support to implement environment-related SDGs, policy and institutional coherence, data monitoring, and accountability will need to be addressed at the

¹ United Nations. Sustainable Development Summit 2015. <https://sustainabledevelopment.un.org/post2015/summit>. The SDGs were adopted as part of the 2030 Agenda for Sustainable Development, which calls for a new approach to development to eradicate poverty; reduce inequalities; and promote inclusiveness, environmental sustainability, and resilience.

² United Nations. Sustainable Development Goals. <https://sustainabledevelopment.un.org/sdgs>. SDG 12 on Responsible Consumption and Production—Ensure sustainable consumption and production patterns; SDG13 on Climate Action—Take urgent action to combat climate change and its impacts; SDG 14 on Life Below Water—Conserve and sustainably use the oceans, seas, and marine resources for sustainable development; and SDG 15 on Life on Land—Protect, restore, and promote the sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, halt and reverse land degradation, and halt biodiversity loss.

³ Economic and Social Commission for Asia and the Pacific (ESCAP). 2016. *Defining Regional Priorities and Status of the Integration and Implementation of the 2030 Agenda for Sustainable Development in Asia and the Pacific*. Background document for the Asia-Pacific Forum on Sustainable Development 2016. Bangkok. 3–5 April.

⁴ ADB. 2009. *Strategy 2020: The Long-Term Strategic Framework of the Asian Development Bank, 2008–2020*. Manila; ADB. 2014. *Midterm Review of Strategy 2020: Meeting the Challenges of a Transforming Asia and Pacific*. Manila; ADB. 2013. *Environment Operational Directions 2013–2020: Promoting Transitions to Green Growth in Asia and the Pacific*. Manila.

⁵ The TA concept was presented at two regional environment meetings. DMC participants expressed interest in the TA, with some indicating their willingness to be pilot DMCs.

⁶ The TA first appeared in the business opportunities section of ADB's website on 23 September 2016.

national level. For example, governments will need capacity to analyze and evaluate policy options based on environmental as well as economic and social criteria, and to monitor policy impacts and progress against targets. Measurement and monitoring for environmental sustainability progress is the weakest among the sustainable development pillars (economic development, social development, and environmental protection) because of insufficient production of environment statistics, impeding DMCs' ability to determine baseline conditions and set targets. Financing is also a concern since, compared with other priorities such as basic services or infrastructure provision, less incentives exist to invest in environmental sustainability, as it is often difficult to demonstrate returns on investments.

4. DMCs have varying capacities and will have differing needs based on national circumstances and development priorities. Consultations undertaken by the project team indicate DMCs require capacity building support for environment-related SDG issues and access to finance. Tools and methodologies to mainstream the SDGs will have to be identified and/or developed considering applicability and priorities in DMCs. Helping DMCs identify priorities and set targets for environment-related SDGs will also assist ADB in identifying targets under the forthcoming Strategy 2030. Upstream support for environment-related SDGs will create opportunities to support sector investments in sustainable infrastructure and resource conservation (SDG12) and natural resources management (SDGs 14 and 15), including co-benefits in climate change adaptation and mitigation (SDG13).⁷ The national policies, strategies, and programs to be identified by the DMCs as necessary in meeting environment-related SDGs can be areas for follow-on ADB support through policy advice, TA, projects, and knowledge services.

5. The TA aims to address DMCs' capacity needs to implement environment-related SDGs. Using the Mainstreaming, Acceleration, and Policy Support implementation guidance as a framework and guided by DMCs' priority needs, the TA will (i) conduct a stocktaking and review study on the integration progress of environment-related SDGs to national policies and plans, (ii) develop a set of technical guidance materials to adapt environment-related SDGs and targets to national and local contexts, (iii) undertake activities—applying the technical guidance materials—to develop recommendations for integrating environment-related SDGs in national plans and policies in three pilot DMCs, and (iv) disseminate lessons on integration and build DMCs' capacities to use the technical guidance materials.⁸

6. The TA is aligned with the Environment Thematic Group's work program. It will build on ADB's previous support for achieving MDG7 (environmental sustainability) in Asia and the Pacific, and will align with Strategy 2030 (under preparation) to support DMCs in implementing actions on the environment-related SDGs. ADB's support for MDG7 primarily focused on water supply and sanitation, and investments in energy and transport to reduce greenhouse gas emissions. There was limited focus on forests and protected areas.⁹ ADB needs to shift to operations with more innovation and impact from an environmental perspective. The TA covers

⁷ For example, co-benefits of protecting biodiversity and ecosystem services under SDGs 14 and 15 include support for Reducing Emissions from Deforestation and Forest Degradation and ecosystem-based adaptation.

⁸ The United Nations Development Group has prepared a reference guide (Mainstreaming, Acceleration, and Policy Support) on a common approach to mainstreaming Agenda 2030 and the SDGs that covers eight implementation guidance areas: (i) raising public awareness; (ii) applying multi-stakeholder approaches; (iii) tailoring SDGs to national, subnational, and local contexts; (iv) creating horizontal policy coherence (i.e., across sectors); (v) creating vertical policy coherence (i.e., from national to local levels); (vi) budgeting for the future; (vii) monitoring, reporting, and accountability; and (viii) assessing risks and fostering adaptability.

⁹ Independent Evaluation Department. 2013. *Thematic Evaluation Study: ADB's Support for Achieving the Millennium Development Goals*. Manila. ADB.

sustainable consumption and production, marine ecosystems, and terrestrial ecosystems that, other than forests, were not part of the MDGs. The TA will also work with regional partners such as Economic and Social Commission for Asia and the Pacific (ESCAP) and United Nations Environment Programme (UNEP), both of which have mandates to support countries to implement the SDGs. The TA will also build on lessons from the Poverty and Environment Fund and ongoing participation in the Poverty and Environment Partnership.¹⁰ The TA will ensure synergy and avoid duplications with the regional TA on Agenda 2030 and the SDGs, which tracks and monitors overall SDG implementation.¹¹ The TA complements the regional TA, as both will help ADB support SDG implementation and develop Strategy 2030, but focuses on implementing environment-related SDGs.

III. THE CAPACITY DEVELOPMENT TECHNICAL ASSISTANCE

A. Impact and Outcome

7. The impact will be the integration of environment-related SDGs into policy and planning processes in Asia and the Pacific DMCs improved or achieved in the longterm. The outcome will be enhanced capacity and knowledge of governments and other stakeholders to implement environment-related SDGs.

B. Methodology and Key Activities

8. In supporting the integration of environment-related SDGs, the TA will identify and support innovative approaches to implementing these SDGs through two outputs.

9. **Output 1: Regional stocktaking and review, technical guidance materials, and knowledge-sharing workshop.** The TA will conduct a stocktaking and review of (i) efforts to integrate environment-related SDGs into national and subnational policies, plans, and programs, early lessons, and capacity needs; (ii) regional- and country-level support activities by development partners; and (iii) knowledge partnerships. The review will also identify barriers to mainstreaming these SDGs in national policies and plans, including (i) alignment with national priorities and obligations, where economic- and social-related goals often have greater political traction; and (ii) natural resource management and other relevant regulations, as the majority were developed without sufficient attention to sustainable development.

10. In parallel, the TA will prepare an inventory of best practices, tools, and other mechanisms developed by DMCs, development partners, and Organisation for Economic Co-operation and Development countries to support environment-related SDGs, and will assess the applicability of these tools. Based on inventory and assessment findings, the TA will adopt, update, or prepare a set of technical guidance materials to integrate these SDGs in national plans and policies. The materials, intended for DMC (governments and other stakeholders) use, will have at least three modules on SDGs 12, 14, and 15. The materials will include process maps that identify entry points in the Mainstreaming, Acceleration, and Policy Support

¹⁰ The Poverty and Environment Fund supported two regional TA programs: ADB. 2003. *Technical Assistance for the Poverty and Environment Program*. Manila; and ADB, *Technical Assistance for Mainstreaming Environment for Poverty Reduction*. Manila.

¹¹ ADB. 2016. *Technical Assistance for Agenda 2030: Supporting the Sustainable Development Goals through Strategic Partnerships and Preparedness*. Manila (TA 9130-REG). This TA's main objective is to monitor and report on SDG implementation progress in collaboration with United Nations Development Programme (UNDP) and ESCAP.

framework for consideration of environmental issues; diagnostic tools to detect barriers in achieving environment-related SDG targets; and methods for integrated approaches and policy coherence with related SDGs, selection of indicators, policy design, and institutional arrangements to support SDG implementation.¹²

11. A regional workshop will be held for DMC officials, other stakeholders, and development partners to disseminate and validate the review findings, share technical guidance materials, and identify priority environment-related targets, capacity needs, and follow-up actions. This opportunity will be used to discuss (e.g., from planning, budgeting, and environment ministries) opportunities for identifying pilot DMCs and, if possible, secure commitments from DMC officials.

12. **Output 2: Recommendations for mainstreaming environment-related Sustainable Development Goals in three pilot developing member countries and dissemination workshop.** Building on output 1, and focusing on environment-related SDGs and DMCs' priority targets, the TA will undertake activities applying the technical guidance materials in three pilot DMCs. Potential pilot DMCs will be identified in consultation with regional departments and/or country directors and DMCs, and criteria—to be developed under output 1—will be used in selection. ADB will help DMCs identify activities for TA support and may, with DMC consent, bring in other development partners to support specific activities. Activities can include conducting studies, providing workshops or training on integrated approaches to identify environmental priorities, establishing indicators on environmental issues (and determining baseline data needs) against which implementation can be monitored, clarifying synergies and trade-offs, strengthening policy coherence, and improving institutional arrangements.¹³

13. Based on the activities' outcome, the TA will assist DMCs in developing recommendations on mainstreaming environment-related SDGs into national policies and plans, and a work plan and resource mobilization strategy to implement them. Recommendations may include prioritizing measures, setting national and subnational targets, or selecting environmental indicators. A second regional workshop will be held for DMC officials, other stakeholders, and development partners to disseminate technical guidance materials, knowledge, and lessons.

14. Focal ministries or agencies (including ministries of environment, planning, and finance alongside sector ministries) will be identified based on their role and mandate to support environment-related SDG activities. Output 2 activities will be implemented in coordination with country-level SDG mainstreaming activities by United Nations agencies and other development partners. A potential risk is that governments may change their priorities or commitments on environment-related SDGs due to political factors, which would affect their commitment to the TA. To minimize this risk, ADB will focus activities on issues and sectors where there is clear commitment in development plans and a definite need for environment-related SDG activities.

C. Cost and Financing

15. The TA is estimated to cost \$1,150,000 of which \$1,000,000 will be financed on a grant basis by ADB's Technical Assistance Special Fund (TASF-V). The governments of the three

¹² In addition, the TA will review lessons from ADB's previous support for achieving the environment MDG, including ADB's tripartite partnership with ESCAP and UNDP.

¹³ Integrated approaches could include the integrated landscape approach linking land management practices, institutions, and policies with other landscape-scale activities, and the nexus approach examining interrelatedness and interdependencies of environmental resources in a system (e.g., water–energy–food nexus).

pilot DMCs will provide counterpart support in the form of counterpart staff, office accommodation, office supplies, secretarial assistance, domestic transportation, and other in-kind contributions. The TA will not finance any activity in a DMC unless no objection is obtained from the government of that DMC.

D. Implementation Arrangements

16. ADB will be the executing agency of the TA, which will be implemented by the Sustainable Development and Climate Change Department working through the Environment Thematic Group. The TA will involve collaboration with regional departments and sector and thematic groups to develop technical guidance materials and implement activities in three DMCs. ADB will work with regional actors (e.g., United Nations Development Programme [UNDP], UNEP, and ESCAP) and other development partners in TA implementation.

17. The TA will be implemented from November 2016 to October 2019. An indicative schedule is included in the design and monitoring framework (Appendix 1). The TA will finance consulting services, workshops and capacity development activities, and report preparation. Individual consultants (22 person-months international and 24 person-months national) will be required. Consultant selection and engagement will be done following ADB's Guidelines on the Use of Consultants (2013, as amended from time to time). Terms of reference are in Appendix 3. The TA will fund the participation in workshops and conferences of DMC officials, participants from key institutions, and sector representatives. Disbursements will be made following the *Technical Assistance Disbursement Handbook* (2010, as amended from time to time). Procurement will follow ADB's Procurement Guidelines (2015, as amended from time to time).

18. Coordination will be undertaken with resident mission in pilot DMCs. It is expected that participating DMCs will identify counterpart staff to provide leadership and administrative support to the implementation of country mainstreaming activities, and to receive capacity-building activities. Given that responsibilities for environment-related SDGs may fall across several ministries and agencies, counterpart ministries and agencies for pilot activities will be carefully selected in consultation with operational departments, country directors, and DMCs, including concurrence from finance or planning ministries, as applicable. For TA output delivery, a potential risk is that DMCs may change personnel assigned to implement activities. The TA will involve potential focal point ministries and agencies early on and carefully review institutional arrangements for environment-related SDG implementation in each pilot DMC, so that appropriate partner personnel and agencies with demonstrated commitment to policy adherence and dialogue continuity are selected. Coordination among concerned agencies also needs to be managed, given the required multisector approach.

19. The TA will disseminate knowledge and lessons from outputs 1 and 2 through the second regional workshop. ADB will work with development partners including UNDP, UNEP, and ESCAP to disseminate the findings more widely.

IV. THE PRESIDENT'S DECISION

20. The President, acting under the authority delegated by the Board, has approved the provision of technical assistance not exceeding the equivalent of \$1,000,000 on a grant basis for Supporting Implementation of Environment-Related Sustainable Development Goals in Asia and the Pacific, and hereby reports this action to the Board.

DESIGN AND MONITORING FRAMEWORK

| Impact the TA is Aligned with | | | |
|--|--|--|---|
| Integration of environment-related SDGs into policy and planning processes in Asia and the Pacific DMCs improved or achieved in the long term (The 2030 Agenda for Sustainable Development) ^a | | | |
| Results Chain | Performance Indicators with Targets and Baselines | Data Sources and Reporting | Risks |
| Outcome Capacity and knowledge of governments and other stakeholders to implement environment-related SDGs enhanced | a. Capacity to implement environment-related SDGs improved by 2019 (2016 baseline: NA) | a. Dissemination workshop and TA progress reports | Governments change their priorities or commitments for environment-related activities due to political factors. |
| Outputs 1. Regional stocktaking and review undertaken, technical guidance materials prepared, and knowledge-sharing workshop undertaken 2. Recommendations for mainstreaming environment-related SDGs in three pilot DMCs developed and dissemination workshop held | 1a. Regional stocktaking and review report prepared by 2017 (2016 baseline: NA) 1b. At least three technical guidance materials prepared by 2019 (2016 baseline: NA) 1c. At least 50 DMC officials and other stakeholders participate in knowledge-sharing workshop(2016 baseline: NA) 2a. Activities on integrating environment-related SDGs applying the technical guidance materials conducted in three pilot DMCs by 2019 (2016 baseline: NA) 2b. Recommendations to mainstream SDGs developed by three pilot DMC governments by 2019 (2016 baseline: NA) 2c. At least 50 DMC officials and other SDG | 1a. Regional stocktaking and review report and TA progress reports 1b. Published technical guidance materials and TA progress reports 1c. Knowledge-sharing workshop report 2a. TA progress reports 2b. Recommendations and TA progress reports 2c. Dissemination workshop report | DMCs change personnel assigned to the TA. |

| Results Chain | Performance Indicators with Targets and Baselines | Data Sources and Reporting | Risks |
|---------------|---|----------------------------|-------|
| | stakeholders participate in regional dissemination workshop (2016 baseline: NA) | | |

Key Activities with Milestones

Output 1. Regional stocktaking and review undertaken, technical guidance materials prepared, and knowledge-sharing workshop undertaken

- 1.1 Carry out regional stocktaking and review of progress on the integration of environment-related SDGs.
 - 1.1.1 Engage consultants to undertake stocktaking and review (Q1 2017).
 - 1.1.2 Draft the stocktaking and review report, including DMC selection criteria, for output 2 (Q2 2017).
- 1.2 Prepare technical guidance materials.
 - 1.2.1 Engage consultants to prepare technical guidance materials (Q1 2017).
 - 1.2.2 Draft the technical guidance materials for experts' review before use under output 2 (Q3 2017).
- 1.3 Hold regional knowledge-sharing workshop on integration of environment-related SDGs.
 - 1.3.1 Design regional workshop and designate team to implement (Q2 2017).

Output 2. Recommendations for mainstreaming environment-related Sustainable Development Goals in three pilot developing member countries developed and dissemination workshop held

- 2.1 Carry out activities to integrate environment-related SDGs in three pilot DMCs.
 - 2.1.1 Engage output 2 consultants and identify scope of activities to be undertaken (Q3 2017).
 - 2.1.2 Implement activities in pilot DMCs (Q4 2018).
- 2.2 Recommendations on mainstreaming environment-related SDGs for three pilot DMCs.
 - 2.2.1 Prepare recommendations for mainstreaming based on outcome of activities and prepare a work Plan and resource mobilization strategy (Q2 2019).
- 2.3 Disseminate technical guidance materials, knowledge, and lessons on integrating environment SDGs through a regional dissemination workshop.
 - 2.3.1 Design regional dissemination and capacity building workshop and designate team to implement (Q3 2019).

Inputs

ADB: \$1,000,000

Note: Pilot DMC governments will provide counterpart support in the form of counterpart staff, office accommodations, office supplies, secretarial assistance, domestic transportation, and other in-kind contributions.

Assumptions for Partner Financing

Not applicable.

ADB = Asian Development Bank, DMC = developing member country, NA = not applicable, Q = quarter, SDG = Sustainable Development Goal, TA = technical assistance.

^a United Nations. Transforming Our World: The 2030 Agenda for Sustainable Development.

<https://sustainabledevelopment.un.org/post2015/transformingourworld>.

Source: ADB.

COST ESTIMATES AND FINANCING PLAN

(\$'000)

| Item | Amount |
|---|----------------|
| Asian Development Bank^a | |
| 1. Consultants ^b | |
| a. Remuneration and per diem | |
| i. International consultants | 330.0 |
| ii. National consultants | 80.0 |
| b. International and local travel | 140.0 |
| c. Reports and communications | 15.0 |
| 2. Training, seminars, and conferences ^c | 380.0 |
| 3. Miscellaneous administration and support costs | 5.0 |
| 5. Contingencies | 50.0 |
| Total | 1,000.0 |

Note: The technical assistance (TA) is estimated to cost \$1,150,000, of which contributions from the Asian Development Bank (ADB) are presented in the table above. The governments of the three pilot developing member countries (DMCs) will provide counterpart support in the form of counterpart staff, office accommodation, office supplies, secretarial assistance, domestic transportation, and other in-kind contributions. Each pilot DMC is estimated to provide \$50,000 as an in-kind contribution. The total value of government contribution is estimated to account for 13% of the total TA cost.

^a Financed by ADB's Technical Assistance Special Fund (TASF-V).

^b Includes consultants to support activities in pilot DMCs under output 2.

^c The TA will fund at least two regional workshops with at least 50 participants per workshop in ADB headquarters.

Source: ADB estimates.

OUTLINE TERMS OF REFERENCE FOR CONSULTANTS

1. International and national consultants will be engaged through competitive bidding and will use an output-based contract to deliver:

- (i) a stocktaking review report addressing Sustainable Development Goals (SDGs) 12, 14, and 15, and environment-related targets of other SDGs (second quarter [Q2] of 2017);
- (ii) a regional workshop for developing member country (DMC) officials, other DMC stakeholders, and development partners to share and validate review findings, and identify priority environment-related targets, capacity needs, and follow-up actions (Q2 2017);
- (iii) technical guidance materials for SDGs 12, 14, and 15 (Q3 2017);
- (iv) activities in pilot DMCs (Q4 2018);
- (v) recommendations, including a work plan and resource mobilization strategy, for pilot DMCs (Q2 2019); and
- (vi) a second regional workshop for DMC officials, other DMC stakeholders, and development partners to disseminate technical assistance (TA) knowledge and lessons (Q3 2019).

Table A3: Resource Plan

| Experts | Person-Months |
|--|---------------|
| Technical assistance lead | 6 |
| Capacity building consultant | 6 |
| Environment statistics specialist | 3 |
| Sustainable consumption and production specialist | 3 |
| Sustainable natural resource management specialist (terrestrial) | 2 |
| Sustainable natural resource management specialist (marine) | 2 |
| Technical assistance coordinator and knowledge management consultant | 12 |
| National consultants (3) | 12 |

Source: Asian Development Bank.

2. **Technical assistance lead for implementing environment-related Sustainable Development Goals** (international, 6 person-months, intermittent). The consultant will have at least a master's degree in environmental management, environmental economics, or a related discipline, and practical knowledge and at least 10 years' experience in integrating environmental sustainability into policies, strategies, and programs. The consultant should have experience implementing Millennium Development Goal 7 and environment-related SDGs. The consultant should have practical knowledge of the 2030 Agenda for Sustainable Development Agenda 2030, the SDGs, and Mainstreaming, Acceleration, and Policy Support (MAPS) framework¹. Knowledge and experience in Asia and the Pacific is essential. The consultant will be responsible for overall TA implementation, and the following:

- (i) organize, coordinate, and plan TA implementation, including other consultants' inputs;
- (ii) establish a working group to review outputs with operational departments and sector and thematic groups as well as external agencies including United Nations Development Programme (UNDP), the United Nations Environment Programme

¹ United Nations. Transforming Our World: The 2030 Agenda for Sustainable Development. <https://sustainabledevelopment.un.org/post2015/transformingourworld>.

- (UNEP), and Economic and Social Commission for Asia and the Pacific (ESCAP);²
- (iii) lead liaison with the working group to review outputs;
 - (iv) design a stocktaking review exercise—addressing SDGs 12, 14, and 15, and environment-related targets of other SDGs—on (a) DMCs’ efforts and progress in implementing environment-related SDGs through national and subnational policies, strategies, and programs, early lessons, and capacity needs; (b) regional- and country-level support by development partners; (c) knowledge partnerships; (d) barriers to mainstreaming these SDGs in national policies and plans, including alignment with national priorities and obligations, and natural resource management and other relevant regulations; and (e) potential entry points to integrate these SDGs in DMCs’ national and subnational policies, strategies, and programs;
 - (v) implement a stocktaking review exercise following agreed design, including literature review, consultations, and expert interviews; and prepare a draft report for consultation;³
 - (vi) review and synthesize existing Asian Development Bank (ADB) support for environment-related SDGs, building on ADB studies (including Independent Evaluation Department studies on Millennium Development Goals and environmentally sustainable growth) and in consultation with regional departments and country directors;
 - (vii) oversee the development and dissemination of the technical guidance materials;
 - (viii) design, oversee implementation of, and prepare a report on a regional workshop for DMC officials, other DMC stakeholders, and development partners to share and validate the review findings and identify priority environment-related targets, capacity needs, and follow-up actions;
 - (ix) update stocktaking report based on feedback from working group and regional workshop;
 - (x) reference ADB’s support for environment-related SDGs to develop parameters for eligible activities;⁴
 - (xi) develop selection criteria for pilot DMCs, building on the indicative criteria;⁵

² The group will review outputs to ensure an integrated implementation approach is adopted and to avoid duplication. Reflecting the integrated approach to implementing SDGs, all thematic groups will be included. Relevant Asian Development Bank (ADB) sector groups and departments—including Strategy and Policy Department and Economic Research and Regional Cooperation Department—will be involved, and external agencies, as appropriate, since it is important for TA effectiveness to ensure, where relevant, activities are coordinated with development partner efforts.

³ Including consultations with the following TA teams: ADB. 2016. *Technical Assistance for Agenda 2030: Supporting the Sustainable Development Goals through Strategic Partnerships and Preparedness*. Manila (TA 9130-REG); and ADB. 2016. *Technical Assistance for Scaling Up Private Sector Participation and Use of Market-Based Approaches for Environmental Management*. Manila (TA 9093-REG).

⁴ Pilot DMC activities may address sustainable resource management including water, land, forest, and fisheries; resource and energy efficiency measures; sustainable infrastructure; sustainable procurement and supply chain management; eco-labeling and certification; and environmental technology for cleaner production.

⁵ Indicative selection criteria (to be finalized under output 1) include (i) regional department representation; (ii) expressed commitment to implement environment-related SDGs; (iii) existence of an institutional system to support SDG implementation; (iv) availability of robust empirical analysis to support outputs of pilot activities; (v) ability to harness science, technology, and innovation to implement environment-related SDGs; (vi) willingness to allocate staff resources to undertake TA pilot activities; and (vii) relevance to operational department priorities and project pipelines.

- (xii) liaise with ADB regional departments and country directors and DMCs to identify potential activities;
- (xiii) oversee selection and set up of coordination involving resident missions in pilot DMCs;
- (xiv) design, oversee, and monitor implementation of activities and development of recommendations, including work plan and resource mobilization strategy, in the pilot DMCs;
- (xv) liaise with counterpart ministries and agencies to implement activities and develop recommendations in consultation with operational departments and country directors;
- (xvi) design, oversee implementation and prepare a report on a second regional workshop for DMC officials, other DMC stakeholders, and development partners to disseminate TA knowledge and lessons;
- (xvii) identify and liaise with development partners, including UNDP, UNEP, and ESCAP, to oversee wider dissemination of the TA findings; and
- (xviii) provide technical inputs to and review of the technical guidance materials and final TA knowledge products.

3. Capacity building consultant for environment-related Sustainable Development Goals technical guidance materials (international, 6 person-months, intermittent). The consultant will have at least a master's degree in environmental management, environmental economics, or a related discipline, and practical knowledge and at least 10 years' experience in integrating environmental sustainability into policies, strategies, and programs. The consultant should have experience in models for sustainable consumption and production, and sustainable natural resources management. The consultant should have proven practical knowledge of Agenda 2030, the SDGs, and MAPS framework. Knowledge and experience in Asia and the Pacific is essential. The consultant will be responsible for technical inputs to the stocktaking review and the development and dissemination of technical guidance materials on integrating environment-related SDGs into national policies and plans. The consultant will

- (i) organize, coordinate, and plan the development and dissemination of technical guidance materials, including coordinating inputs by other consultants;
- (ii) liaise with the working group to review outputs;
- (iii) design a framework—addressing SDGs 12, 14, and 15 and environment-related targets of other SDGs and with reference to MAPS—for the technical guidance materials intended for DMC (governments and other stakeholders) use, including preparing an outline of at least three modules on SDGs 12, 14, and 15;
- (iv) review and synthesize from literature review, consultations, and expert interviews (a) mapping of interlinkages between SDGs 12, 14, and 15 and environment-related targets of other SDGs against economic and social SDGs; and (b) best practices, tools, and other mechanisms (e.g., economic modeling, remote sensing, and spatial analysis) that have been developed or are being developed by development partners for implementation of environment-related SDGs (footnote 3);
- (v) assess the applicability of identified models in facilitating the integration of SDGs 12, 14, and 15 and environment-related targets of other SDGs into national policies and plans;
- (vi) prepare a draft framework and inventory of materials that could be adopted, updated, or developed by DMCs for consultation;
- (vii) participate in the regional workshop for DMC officials, other DMC stakeholders, and development partners to share and validate the findings of tasks (i)–(vi);

- (viii) update the framework and inventory based on feedback from the working group and regional workshops;
- (ix) lead the preparation of technical guidance material modules for at least SDGs 12, 14, and 15, including the provision of technical inputs and the coordination of consultants;
- (x) finalize the technical guidance materials and package for publication and dissemination, and easy access by DMCs;
- (xi) serve as a capacity-building technical advisor for activity implementation and recommendation development in the pilot DMCs, as relevant, including by participating in discussions on and helping design pilot DMC activities and recommendations;
- (xii) participate in the second regional workshop for DMC officials, other DMC stakeholders, and development partners to disseminate technical guidance materials; and
- (xiii) identify and liaise with development partners, including UNDP, UNEP, and ESCAP, to more widely disseminate the technical guidance materials.

4. Environment statistics specialist for environment-related Sustainable Development Goals technical guidance materials (international, 3 person-months, intermittent). The consultant will have at least a master's degree in statistics or related discipline, practical knowledge, and at least 10 years' experience working on environment-related development of indicators and data collection. The consultant should have experience in models for sustainable consumption and production, and sustainable natural resources management. The consultant should have proven practical knowledge of Agenda 2030, the SDGs, and MAPS framework. Knowledge and experience in Asia and the Pacific is essential. The consultant will be responsible for developing the environment statistics elements of the stocktaking review and technical guidance materials for integrating environment-related SDGs into national policies and plans. The consultant will

- (i) review and synthesize from literature review, consultations, and expert interviews the availability of data for the indicators recommended for SDGs 12, 14, and 15 and environment-related targets of other SDGs, and the DMCs' capacity (resources and institutional arrangements) to produce these statistics;
- (ii) undertake an assessment to examine the status of indicators, data gaps, priorities to fill, and adequacy of capacity to produce statistics for the integration of SDGs 12, 14, and 15 and environment-related targets of other SDGs into national policies and plans;
- (iii) identify best practices and opportunities for DMCs to learn from others to develop indicators and address data gaps and capacity building needs for statistics;
- (iv) participate in the regional workshop for DMC officials, other DMC stakeholders, and development partners to share and validate the findings of tasks (i)–(iii);
- (v) provide technical inputs on environment statistics for preparing technical guidance material modules;
- (vi) serve as environment statistics technical advisor for activity implementation and recommendation development in the pilot DMCs, as relevant, including by participating in discussions on and helping design pilot DMC activities and recommendations; and
- (vii) participate in the second regional workshop to disseminate technical guidance materials.

5. Sustainable consumption and production, and sustainable natural resource management specialists for technical guidance materials on environment-related Sustainable Development Goals (international, 7 person-months total, intermittent). Three consultants with expertise in environment-related SDGs (SDG 12, 14, and 15) will be engaged to support the development of the technical guidance materials and mainstreaming, and pilot activities in three selected DMCs. Preferred consultants will have at least a master's degree in environmental management, environmental economics, natural resource management, or a related discipline, and practical knowledge and at least 10 years' experience integrating sustainable consumption and production, marine-related sustainable natural resources management, or terrestrial-related sustainable natural resources management into policies, strategies, and programs. The consultants should have practical knowledge of Agenda 2030, the SDGs, and MAPS framework. Knowledge and experience in Asia and the Pacific is essential. The consultants will be responsible for the technical inputs to the stocktaking review and the technical elements of the technical guidance materials. The consultants will

- (i) identify best practices and opportunities for DMCs to learn from others on the integration of sustainable consumption and production or sustainable natural resource management into national policies and plans;
- (ii) participate in the regional workshop to share and validate the findings of task (i);
- (iii) provide technical inputs for preparation of technical guidance material modules;
- (iv) serve as a technical advisor for activity implementation and recommendation development in the pilot DMCs, as relevant, including by participating in discussions on and helping design activities and recommendations; and
- (v) participate in the second regional workshop to disseminate technical guidance materials.

6. Technical assistance coordinator and knowledge management consultant (national, 12 person-months, intermittent). The consultant will have a degree in environmental management, environmental economics, or related discipline, and practical knowledge and at least 10 years' experience working in environment-related project administration, financial administration, and budgeting. The consultant should have practical knowledge of Agenda 2030, the SDGs, and MAPS. Knowledge and experience in Asia and the Pacific is essential. The consultant will be responsible for supporting the ADB TA officer and TA lead in organizing, coordinating, planning, and monitoring TA implementation.

7. National consultants for mainstreaming environment-related Sustainable Development Goals in pilot developing member countries (national, 12 person-months total, intermittent). Three consultants with expertise in environment-related SDGs (SDG 12, 14, and 15), as relevant to the activities of the pilot DMCs being supported, will be engaged to support the mainstreaming of environment-related SDGs in three selected DMCs. Preferred consultants will have at least a master's degree in environmental management, environmental economics, or a related discipline, and practical knowledge and at least 5 years' experience in the national planning process in relevant DMCs and the integration of environmental sustainability. The consultants should have practical knowledge of Agenda 2030, the SDGs, and MAPS. Knowledge and experience in the DMC is essential. The consultants will support the ADB TA officer, TA lead, and TA coordinator.