



Major Change in Technical Assistance

Project Number: 45283
TA Number(s): 8179-CAM
September 2015

Cambodia: Mainstreaming Climate Resilience into Development Planning

DRAFT

Asian Development Bank

CURRENCY EQUIVALENTS

(as of 20 September 2015)

| | | |
|---------------|---|--------------|
| Currency unit | – | Riel (KR) |
| KR1.00 | = | \$ 0.0002436 |
| \$1.00 | = | KR4,105.4004 |

ABBREVIATIONS

| | | |
|------|---|--|
| ADB | – | Asian Development Bank |
| M&R | – | monitoring and reporting |
| MOE | – | Ministry of Environment |
| NDF | – | Nordic Development Fund |
| PPCR | – | Pilot Program for Climate Resilience |
| SPCR | – | Strategic Program for Climate Resilience |
| TA | – | technical assistance |

NOTE

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

| | |
|-------------------------|---|
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DRAFT

I. PROPOSED MAJOR CHANGE

1. An increase in technical assistance (TA) amount for Mainstreaming Climate Resilience into Development Planning¹ in Cambodia is proposed for Board consideration.

2. The Board approved the original TA on 1 October 2012 for an amount of \$7 million financed on a grant basis by the Strategic Climate Fund². The proposed increase of \$4 million equivalent, comprising \$3 million from the Strategic Climate Fund and \$1 million from the Nordic Development Fund (NDF), will be financed on a grant basis and administered by ADB.³ The increase in amount will support scaling up of selected activities related to climate change mainstreaming under Output 1 of the existing TA framework. They include mainstreaming climate concerns into development planning at subnational level, and integrating gender concerns and monitoring and evaluation in adaptation investments. The revised design and monitoring framework is in Appendix 1.

II. BACKGROUND

3. The impact of the TA will be enhanced resilience to climate change in Cambodia, leading to improved livelihoods, especially for vulnerable groups such as women and children. The outcome is sustained institutional and technical capacity to integrate adaptation concerns into development planning. The TA comprises four outputs: (i) capacity to coordinate PPCR investments and mainstream climate change adaptation concerns into national and subnational planning, budgeting, and development strengthened; (ii) feasibility studies for priority projects of the National Adaptation Program of Action⁴ with a view to securing international funding conducted; (iii) civil society support mechanism to fund community-based adaptation activities established and the capacity of civil society organizations and nongovernment organizations to mainstream climate resilience into their operations strengthened; and (iv) climate change adaptation knowledge in various sectors generated and disseminated.

4. The TA, classified as a capacity development technical assistance, was approved on 1 October 2012 and financed in the amount of \$7 million on a grant basis by the Strategic Climate Fund (SCF) to be administered by ADB. The TA provides an overarching framework for seven investment projects included in Cambodia's Strategic Program for Climate Resilience (SPCR), which was endorsed by the PPCR subcommittee in June 2011, with allocation of \$50 million in grant and \$36 million in concessional loans. Owing to start-up delays, the TA completion date was extended from 31 December 2017 to 31 December 2019.

5. The Ministry of Environment (MOE) is the executing agency, with administrative oversight from the Ministry of Economy and Finance and the National Climate Change Committee. Implementing agencies include the Ministry of Water Resources and Meteorology, the Ministry of Agriculture, Forestry and Fisheries, the Ministry of Public Works and Transport, the Ministry of Rural Development, the Ministry of Planning, the Ministry of Interior, and the National Committee for Disaster Management. The MOE chairs the SPCR coordination team, which includes senior representatives of the above agencies and other ministries such as the Ministry of Women's Affairs and the Ministry of Education, Youth and Sport. The team guides the SPCR implementation and oversees the PPCR technical backstopping unit, in close cooperation with the entity⁵ that manages the civil society support mechanism.

¹ ADB. 2012. *Mainstreaming Climate Resilience into Development Planning*. Manila (TA 8179-CAM).

² Under the Pilot Program for Climate Resilience (PPCR). Administered by the Asian Development Bank.

³ Revised Cost Estimates and Financing Plan (Appendix 2).

⁴ Ministry of Environment. 2006. National Adaptation Programme of Action to Climate Change. Phnom Penh.

⁵ Plan International was selected to implement the civil society support mechanism (Output 3).

III. IMPLEMENTATION PROGRESS

6. The TA became effective on 31 October 2012, but its actual implementation commenced only in September 2013 due to delays in completion of the World Bank-administered PPCR Phase 1 TA.⁶ A consulting firm was mobilized in August 2013 to implement Outputs 1, 2 and 4 of the TA. However, ADB terminated the firm's contract in June 2014 due to the firm's breach of contract and failure to provide a suitable replacement for the team leader. A new consulting firm, International Center for Environmental Management, was mobilized in February 2015. Another firm, Plan International Cambodia, was mobilized in April 2015 to assist in implementing the civil society support mechanism (Output 3 of the TA). To compensate for these start-up delays, the TA was extended by two years up to 31 December 2019. There are no major issues foreseen with TA implementation at this stage. As of 20 September 2015, the contract awards and disbursements are \$5.6 million (80%) and \$0.85 million (12%), respectively.

7. While the recruitment for consulting firms was in progress, MOE and ADB, with support from individual consultants, focused on laying the groundwork for effective implementation of the TA, especially in strengthening the government's capacity to coordinate various SPCR projects and monitor progress in mainstreaming adaptation into national development planning.

8. To achieve the objectives of Output 1, the TA established a PPCR coordinating and technical backstopping unit at the MOE, and supported MOE in holding two SPCR coordination team meetings to monitor progress in implementation of SPCR investment projects. Focal points in charge of adaptation in key ministries were identified to form the SPCR coordination team. The team agreed to organize more frequent meetings to improve coordination among various ministries and SPCR investment projects. SPCR project teams have begun to revise the results framework of respective projects to integrate five PPCR core indicators.⁷ To build awareness on the PPCR results framework, MOE has organized three stakeholder consultation meetings on monitoring and reporting of the PPCR core indicators.

9. Under Output 2, visits by government staff to selected ongoing adaptation projects are in progress in order to enhance their understanding of (a) salient features of adaptation projects in terms of addressing key determinants of vulnerability, (b) methodologies to conduct feasibility studies, and (c) approaches to develop new projects by securing funds from international adaptation funds. Under output 3, a call for expressions of interest from civil society organizations was issued to award small grants to conduct community-based adaptation and disaster risk reduction (DRR) activities. The activities funded by the civil society support mechanism are expected to be implemented from January 2016 to December 2018.

10. Under Output 4, the TA organized a workshop with participants from MOE and the Ministry of Education, Youth and Sport to support mainstreaming of adaptation and DRR into curriculum development for secondary and tertiary education. Current efforts in mainstreaming adaptation and DRR into curriculum development were assessed and the potential for future interventions, including support for capacity building of lecturers to deliver and sustain the updated curriculums and teaching materials, was examined. The establishment of a knowledge

⁶ The government requested for completion of PPCR Phase 1 TA prior to initiating the Phase 2 TA, due to constraints on office space for the consulting team, and to allow the new team to build on lessons learned from Phase 1 TA.

⁷ The five PPCR core indicators include: (i) degree of integration of climate change into national planning; (ii) evidence of strengthened government capacity and coordination mechanism to mainstream climate resilience; (iii) quality of and extent to which climate responsive instruments/investment models are developed and tested; (iv) extent to which vulnerable households, communities, businesses and public sector services use improved PPCR supported tools, instruments, strategies, activities to respond to climate variability and climate change; and (v) number of people supported by the PPCR to cope with the effects of climate change.

management information system on adaptation and DRR is expected to be completed by December 2015, while other activities will be completed by 2019.

IV. RATIONALE FOR THE PROPOSED CHANGE

11. In February 2014, the PPCR subcommittee endorsed a revised SPCR for Cambodia with an additional allocation of \$5 million in grant. The revised SPCR includes: (i) reallocation \$7 million grant and \$7 million credit from the previously endorsed water resources project (Climate risk management and rehabilitation of irrigation schemes) to a new infrastructure project (Rural Roads Improvement Project-II); (ii) allocation of \$2 million grant to the new project (Rural Roads Improvement Project-II); and (iii) allocation of the remaining \$3 million to this TA to scale up specific activities under output 1. These include (i) mainstreaming of climate resilience at subnational levels, in close cooperation with the Secretariat of the National Committee for Subnational Democratic Development and the Ministry of Interior; (ii) integrating gender considerations in climate change adaptation, in close cooperation with the Ministry of Women's Affairs; and (iii) monitoring, reporting and evaluating effectiveness of adaptation investments, in close cooperation with the Ministry of Planning. For activities (ii) and (iii), the NDF has agreed to provide additional support of up to \$1 million under the NDF Small Grants Facility.

12. **Mainstreaming of climate resilience at subnational levels.** This theme will reduce vulnerability at district and commune levels in selected provinces through enhanced capacity of local governments to mainstream climate resilience into subnational development planning. Key activities include (i) incorporating climate risk management into district and commune development plans, programs, and projects, (ii) conducting training and developing guidance manuals and tools on mainstreaming climate resilience at subnational planning, (iv) applying climate risk screening tools and conducting adaptation assessments for key projects at the commune and district levels, (v) piloting adaptation activities at commune and district levels, (vi) establishing gender-inclusive monitoring and evaluation systems for subnational implementation, and (vii) piloting innovative financing schemes (e.g., district/commune funds, performance-based adaptation grants, creation of subnational investment facility) to improve resilience to climate change at subnational levels.

13. **Integrating gender considerations in climate change adaptation.** This theme will enhance adaptive capacity of women to cope with the impacts of climate change through enhanced institutional and technical capacity at national and provincial levels to integrate gender concerns in climate change adaptation initiatives. Empowering women to meaningfully and equally participate in the planning and implementation of adaptation policies and initiatives at all levels is essential to enhance the effectiveness and sustainability of adaptation and development efforts. Key activities include (i) providing technical support to revise and operationalize the master plan on gender and climate change, (ii) integrating gender concerns into climate change action plans in at least three sectors such as agriculture, water resources and health, (iii) developing guidance manuals on gender mainstreaming in adaptation for the Ministry of Women's Affairs and key sector ministries, (iv) conducting awareness raising and multi-stakeholder (gender-inclusive) workshops on integrating gender in adaptation investments, and (v) implementing gender-responsive and gender-equitable adaptation pilots in 3 sectors, with a view to building an economic case for gender mainstreaming in adaptation projects.

14. **Monitoring, reporting and evaluation of climate change investments.** To track and assess the efficiency of adaptation funding and effectiveness of interventions in achieving the desired objectives, monitoring, reporting and evaluation is critical and must be integrated in the design of climate change strategies, plans, programs, and projects. This theme will improve accountability of adaptation investments through enhanced institutional and technical capacity

of the National Institute of Statistics at the Ministry of Planning, and other key sector ministries. Activities include (i) conducting capacity building activities at various ministries in collecting, consolidating, harmonizing, and analyzing climate change adaptation data, (ii) developing a robust web-based information management system for data management and record-keeping, (iii) preparing guidance manuals on monitoring and evaluation of adaptation investments at national and subnational levels, (iv) preparing a supplementary document for integrating indicators of climate resilience into the National Strategic Development Plan, (v) incorporating adaptation-related indicators into national and subnational planning documents in at least 3 sectors, (vi) integrating adaptation-related indicators into results frameworks of at least 10 adaptation investments, including the SPCR projects, and (vii) conducting training workshops for non-governmental and civil society organizations on monitoring and evaluation of climate change adaptation investments.

15. The above three themes, all as part of Output 1 of the TA, are expected to accelerate efforts to mainstream climate resilience into development planning at various levels of governance. This is fully in line with the original objective of the SPCR, which paves the way for long-term climate-compatible development. The increase in TA amount will not change the project impact, outcome, and classification. The additional activities to be supported by the TA are also consistent with the original TA impact, outcome, and output structure. Performance indicators in the design and monitoring framework (Appendix 1) have been revised to reflect additional activities. The supplementary funding will support the development and dissemination of additional climate change adaptation knowledge products in the above three themes. As this is primarily a capacity building TA, no additional risks beyond those identified already in the original TA are foreseen. Appropriate measures will be taken to mitigate identified risks.

V. DUE DILIGENCE

16. Activities supported with additional financing of \$4 million will follow the implementation arrangements established under the TA. Proposed activities and expenditures under SCF and NDF are eligible under funding arrangements and no waiver is required. MOE will remain the executing agency. Implementing agencies are the Secretariat of the National Committee for Subnational Democratic Development and the Ministry of Interior for activities related to mainstreaming at subnational levels, the Ministry of Women's Affairs for activities related to integrating gender considerations, and the Ministry of Planning for activities related to monitoring, reporting and evaluation of adaptation investments.

17. The expanded scope of TA activities will require an additional 66 person-months of international consultant inputs and 180 person-months of national consultant inputs. A consulting firm will be selected and engaged following the quality- and cost-based selection method (90:10) in accordance with ADB's Guidelines on the Use of Consultants (2013, as amended from time to time). The firm will provide 42 person-months of international inputs and 180 person-months of national consultant inputs. One individual international consultant for 24 person months will be recruited to provide targeted support to MOE in effectively coordinating, supervising, and managing the various consulting packages of the TA and the seven SPCR investment projects, and prepare SPCR-wide interdisciplinary knowledge products. Output-based contracts will be utilized for new consulting service engagements. Procurement of goods and services will be in accordance with ADB's Procurement Guidelines (2015, as amended from time to time). TA funds will be disbursed in accordance with ADB's Technical Assistance Disbursement Handbook (2015, as amended from time to time). Implementation and monitoring of the TA will be undertaken through regular TA progress reports.

18. The proposed changes comply with the project administration instruction on administering grant-financed TA⁸ and address comments from the Operations Services and Financial Management Department, Office of the General Counsel, Controller's Department, and the Office of Cofinancing Operations. The expected date of TA completion remains as 31 December 2019.

VI. THE PRESIDENT'S RECOMMENDATION

19. The President recommends that the Board approve the increase in technical assistance (TA) amount for Mainstreaming Climate Resilience into Development Planning in the Kingdom of Cambodia by \$4,000,000, which will finance the changes described in paras. 1-2.

⁸ ADB, 2009. Administering Grant-Financed Technical Assistance. *Project Administration Instructions*. PAI 5.09. Manila.

REVISED DESIGN AND MONITORING FRAMEWORK¹

| |
|---|
| <p>Impacts the Project is aligned with:</p> <p>Current Project: Enhanced resilience to climate change in Cambodia by 2022. (Cambodia Climate Change Strategic Plan, 2014-2023* and National Strategic Plan on Green Growth Development, 2013-2030**)</p> <p>Overall Project: Unchanged</p> |
|---|

| Project Results Chain | Performance Indicators with Targets and Baselines | Data Sources or Reporting Mechanisms | Risks |
|---|--|---|--|
| <p>Outcome</p> <p>Current project Sustained institutional and technical capacity to integrate adaptation concerns into development planning</p> <p>Overall project Unchanged</p> | <p>Current project By 2018, a. Agreed strategies on adaptation and DRR are integrated into at least 3 sectors at national and provincial levels b. At least 25% of approved investment projects are climate-proofed^a c. Improved coordination mechanism for climate resilience established among key sectors d. Degree of integration of adaptation and DRR in annual development plans e. Routine application of climate information in decision making f. Climate risk and vulnerability analyses become standard procedure in development planning g. Budget allocation for adaptation and DRR increased by 10%^a</p> <p>Overall project By 2019, a-g. Unchanged</p> | <p>Government policy and development plan documents</p> <p>Project documentation</p> <p>Project progress and monitoring and evaluation reports</p> <p>National communication to the United Nations Framework Convention on Climate Change</p> | <p>High staff turnover and insufficient incentives and budget allocation for climate change development programs, policies, and projects.</p> |
| <p>Outputs</p> <p>Output 1 Current project SPCR coordination, technical support, and capacity to mainstream climate resilience into development planning strengthened</p> | <p>Current project 1a. Establishment of PPCR technical backstopping unit at MOE by 2013 1b. Two semiannual SPCR coordination team meeting reports to assess progress in mainstreaming and SPCR implementation up to Dec 2017 1c. Gender-inclusive results framework for monitoring and evaluation of 7 SPCR investments developed by 2013 1d. Provision of technical backstopping for seven SPCR investment projects up to 2017 1e. At least 15 technical staff, including women, in at least 3 key sector ministries acquire capacity to prepare adaptation plans by 2014 1f. At least 20 trained focal points in charge of adaptation in government agencies by 2015 1g. Climate risk screening tools applied to major investment projects and vulnerability assessments conducted for projects at risk by 2017</p> | <p>1a-1r. Project inception and progress reports</p> <p>1b. Minutes and reports from government policy dialogue</p> <p>1a-1r. Monthly project progress, monitoring and evaluation reports</p> <p>1k. District and</p> | <p>Inadequate level of expertise or human resources within the government to participate in and contribute to TA activities</p> <p>Delay in fielding consultants</p> <p>Limited communication between climate change</p> |

| Project Results Chain | Performance Indicators with Targets and Baselines | Data Sources or Reporting Mechanisms | Risks |
|---|--|---|---|
| <p>Overall project Unchanged</p> | <p>1h. Climate risk management integrated into plans, programs, and projects of at least 3 sectors by 2017 1i. Mechanisms to channel adaptation funds to subnational governments in place by 2017</p> <p>Overall project 1b. Dec 2019; 1c. 2015; 1d. 2019; 1e. 2016; 1f. 2017; 1g. 2019; 1h. 2019; 1i. 2019 1j. At least 100 national and subnational officials trained on integrating adaptation in subnational development planning (2015 baseline: 5) 1k. At least 4 adaptation pilot activities in three sectors implemented at provincial and commune levels (2015 baseline: 0) 1l. At least 3 NCDD/MOI guidance manuals developed on integrating adaptation at provincial, district and commune levels (2015 baseline: 0) 1m. At least 4 sectoral climate change action plans integrate gender concerns effectively (2015 baseline:1) 1n. At least 100 technical staff (including women) from line ministries (including 15 gender focal points in charge of climate change in the Provincial Department of Women's Affairs, and CSOs trained on gender mainstreaming in adaptation (2015 baseline: 5) 1o. At least 4 gender-responsive and gender-equitable pilots on adaptation implemented in key sectors (2015 baseline: 0) 1p. At least 4 provinces and municipalities integrated adaptation indicators in their development plans (2015 baseline: 0) 1q. At least 100 staff from MOP, CSOs and NGOs trained in M&E of climate change adaptation investments (2015 baseline: 5) by conducting at least 6 awareness-raising, and multi-stakeholder (gender-inclusive) workshops (2015 baseline: 1) 1r. At least 3 guidance manuals developed on integrating adaptation indicators in M&E systems at provincial, district and commune levels (2015 baseline:0)</p> | <p>commune development plans 1m-1n. Ministry of Women's Affairs annual report</p> | <p>experts and development planners Poor attendance during results management and information dissemination meetings Staff turnover in the government</p> |
| <p>Output 2 Current project Detailed feasibility studies for selected NAPA projects conducted</p> <p>Overall project Unchanged</p> | <p>Current project 2a. At least 6 NAPA feasibility studies completed for 3 sectors (e.g., water, agriculture) by 2015 2b. At least 2 NAPA projects that directly benefit vulnerable groups, including women, identified for support from global adaptation funds by 2015 2c. At least 2 proposals successfully prepared and submitted by national government staff by 2017</p> <p>Overall project 2a. 2017; 2b. 2017; 2c. 2019</p> | <p>2a. Feasibility studies reports 2a-c. TA implementation reports 2c. NAPA proposals</p> | |
| <p>Output 3 Current project Civil society support</p> | <p>Current project 3a. Framework for community-based climate resilience and DRR studies and projects developed by 2013</p> | <p>3a. Asia Pacific Adaptation</p> | |

| Project Results Chain | Performance Indicators with Targets and Baselines | Data Sources or Reporting Mechanisms | Risks |
|--|--|--|-------|
| <p>mechanism established, and capacity of NGOs and CSOs to mainstream adaptation and DRR into their operations strengthened</p> <p>Overall project Unchanged</p> | <p>3b. Diverse portfolio of at least 20 community-based adaptation and DRR projects in at least three sectors (with at least 30% projects directly improving the climate resilience of women) identified, financed, and implemented by 2017</p> <p>3c. At least 15 reports on community-based adaptation published by 2017</p> <p>Overall project 3a. 2015; 3b. 2018; 3c. 2018</p> | <p>Network reports Research reports</p> <p>3a-c. TA implementation reports</p> <p>3c. UNDP Adaptation Learning Mechanism</p> | |
| <p>Output 4</p> <p>Current project Climate change adaptation knowledge products developed and disseminated</p> <p>Overall project Unchanged</p> | <p>Current project</p> <p>4a. PPCR website in Khmer and English developed and maintained by 2013</p> <p>4b. At least 100 key government staff, including 30 women, are trained in adaptation by 2017</p> <p>4c. Information from seven SPCR projects compiled, managed, and disseminated up to 2017</p> <p>4d. At least 10 awareness raising, and multi-stakeholder (gender-inclusive) workshops conducted by 2017</p> <p>4e. Appropriate media and content developed with the assistance of CSOs and NGOs to communicate information effectively by 2015</p> <p>4f. Curriculum for adaptation and DRR developed for secondary and tertiary education by 2017</p> <p>4g. At least 25 articles on adaptation and DRR published and posted on Cambodian and global web portals by 2017</p> <p>Overall project 4a. 2015; 4b. 2019; 4c. 2019; 4d. 2019; 4e. 2017; 4f. 2019; 4g. 2019</p> | <p>4a. Asia Pacific Adaptation Network Reports</p> <p>4g. Climate Change and Adaptation Initiative reports</p> <p>4a-g. TA progress reports</p> <p>4c,g. Climate Investment Funds knowledge products</p> <p>4d. UNDP Adaptation Learning Mechanism</p> | |

Key Activities with Milestones^b

1. SPCR coordination, technical support, and capacity to mainstream climate resilience into development planning strengthened

- 1.1 Establish PPCR technical backstopping unit at MOE (Jan 2013) (completed)
- 1.2 Organize regular meetings of the SPCR coordination team and prepare semiannual progress reports on mainstreaming and SPCR implementation (Dec 2019) (changed)
- 1.3 Assess capacity needs of policy makers and civil society for planning, budgeting, and implementing adaptation and DRR measures (Dec 2015) (changed)
- 1.4 Develop monitoring and reporting format and schedule for SPCR investments and capacity of policy makers and civil society in consultation with key stakeholders, including CSOs and NGOs (Oct 2015) (changed)
- 1.5 Establish gender-inclusive results framework and management information system for monitoring and evaluation of SPCR investments (Dec 2015) (changed)
- 1.6 Organize training events, workshops and other capacity-building activities targeted at technical staff members, including women and senior decision makers within the government, NGOs, CSOs and the private sector, and provide technical backstopping to focal points on adaptation (Jul 2019) (changed)
- 1.7 Develop and document a sector-specific knowledge and case analysis (Dec 2017) (changed)
- 1.8 Develop a data support infrastructure for the implementation of climate change risk management (Dec 2017) (changed)
- 1.9 Apply risk screening tools, assess vulnerability for key projects, and incorporate climate risk management into sector guidelines, manuals, and infrastructure design standards (Dec 2018) (changed)

| Key Activities with Milestones^b |
|---|
| 1.10 Conduct theme specific training on adaptation in priority sectors (water resources, agriculture, transport, and urban planning), and prepare necessary guidebooks manuals and reports (Jul 2019) (changed) |
| 1.11 Prepare annual monitoring and evaluation reports on SPCR investments and capacity assessment of policy makers and civil society (Dec 2019) (changed) |
| 1.12 Conduct workshops and training programs for MOI, NCDD, subnational and commune councils, and NGOs/CSOs at subnational level (Q2 2016–Q4 2018) [G/CD] [GE] (added) |
| 1.13 Conduct feasibility studies of adaptation projects in at least three sectors at district and commune levels that have potential to receive external funding (Q4 2017) [G/CD] (added) |
| 1.14 Prepare guidelines/knowledge products on mainstreaming resilience at subnational levels (Q3 2018) [G/CD] (added) |
| 1.15 Organize consultations with the gender and climate change committee and other stakeholders to assess at least four sectoral climate change action plans and identify areas where gender provisions can be strengthened by different ministries (Q2 2017) [G/CD] [GE] (added) |
| 1.16 Conduct training seminars and multi-stakeholder (gender-inclusive) workshops on gender mainstreaming in adaptation and prepare guidance manuals (Q3 2018) [G/CD] [GE] (added) |
| 1.17 Implement four gender-responsive and gender equitable adaptation pilots in provinces/municipalities, with the objective of building an economic case for gender mainstreaming (Q3 2018) [G/CD] [GE] (added) |
| 1.18 Conduct workshops for MOP and line ministries, CSOs and NGOs on M&E of adaptation investments (Q3 2018) [G/CD] [GE] (added) |
| 1.19 Prepare guidelines on integrating adaptation-focused indicators in M&E systems at national (National Strategic Development Plan), sectoral and subnational levels (Q1 2017) (added) |
| 1.20 Integrate adaptation indicators into results frameworks of at least five investment projects, and 5 community-focused adaptation projects (Q3 2017) [G/CD] (added) |
| 2. Detailed feasibility studies for selected NAPA projects conducted |
| 2.1 Conduct at least 6 feasibility studies for NAPA priority projects in three sectors, particularly unfunded ones related to the SPCR investments (Dec 2016) (changed) |
| 2.2 Identify indicators for monitoring the effectiveness of adaptation (Dec 2016) (changed) |
| 2.3 Identify NAPA projects that can enhance the climate resilience of vulnerable groups, including women, and that have high potential to receive international funds, such as from the LDC Fund, the Adaptation Fund, and the Green Climate Fund (Dec 2017) (changed) |
| 2.4 Assist government staff in preparing necessary documents and submit at least two proposals for funding (Dec 2019) (changed) |
| 3. Civil society support mechanism established, and capacity of NGOs and CSOs to mainstream adaptation and DRR into their operations strengthened |
| 3.1 Determine criteria for selection of NGOs and/or CSOs that will conduct studies on climate change impacts and implement community-based adaptation projects (Aug 2015) (changed) |
| 3.2 Assess the possibilities of linking the studies to ADB-financed projects to enable effective mainstreaming of adaptation and DRR (Dec 2015) (changed) |
| 3.3 Implement studies and projects to generate knowledge on the impact of climate change and potential civil society approaches to adaptation and DRR (Jun 2017) (changed) |
| 3.4 Apply lessons learned from adaptation and DRR initiatives to the development of additional projects, and integrate such lessons into national adaptation policy and practice (Dec 2019) (changed) |
| 3.5 Develop knowledge products on community-based adaptation that will serve as a useful resource for the government and development partners to inform adaptation policy development and decision making (Dec 2019) (changed) |
| 4. Climate change adaptation knowledge products developed and disseminated |
| 4.1 Establish a knowledge management information system for gathering, storing, and producing knowledge products on adaptation and DRR and creating links to web portals (Dec 2015) (changed) |
| 4.2 Conduct public awareness campaigns on adaptation and DRR (Dec 2016) (changed) |
| 4.3 Compile and manage information from SPCR investment projects (up to Dec 2018) (changed) |
| 4.4 Document traditional and/or indigenous adaptation and DRR practices (Dec 2017) (changed) |
| 4.5 Update educational curriculum on climate resilience and DRR (Dec 2018) (changed) |
| 4.6 Conduct awareness building seminars and gender-inclusive multi-stakeholder workshops (Dec 2019) (changed) |
| 4.7 Develop appropriate media and content with the assistance of CSOs and NGOs to communicate information effectively (Dec 2019) (changed) |
| 4.8 Develop knowledge products for effective dissemination of project results (Dec 2019) (changed) |

| | |
|--|---|
| Inputs | |
| Strategic Climate Fund (under the Pilot Program for Climate Resilience): | \$ 7,000,000 (current) \$ 3,000,000 (additional) \$10,000,000 (overall) |
| Nordic Development Fund: | \$ 1,000,000 (additional) \$ 1,000,000 (overall) |
| Government: | counterpart staff, office space for consultants |
| Assumptions for Partner Financing | |
| Not Applicable. | |

ADB = Asian Development Bank, CSO = civil society organization, DRR = disaster risk reduction, G/CD = Governance and Capacity Development, GE = gender equity, MOI = Ministry of Interior, MOP = Ministry of Planning, M&E = monitoring and evaluation, NAPA = National Adaptation Program of Action, NCDD = National Committee for Subnational Democratic Development, NGO = nongovernmental organization, PPCR = Pilot Program for Climate Resilience, SPCR = Strategic Program for Climate Resilience, TA = technical assistance, UNDP = United Nations Development Programme.

* Cambodia Climate Change Strategic Plan 2014–2023, National Climate Change Committee, 2013.

** National Strategic Plan on Green Growth 2013–2030, National Council on Green Growth, 2013.

^a Baseline data will be collected during the early period of the project implementation.

^b Target dates (in parenthesis) have been changed to reflect revision of TA completion date.

Source: Asian Development Bank.

LIST OF LINKED DOCUMENTS

<http://www.adb.org/Documents/MC/?id=XXXXX-XX-X>

1. Revised Financing Plan

Supplementary Appendix

1. Revised Outline Terms of Reference for Consultants

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REVISED COST ESTIMATES AND FINANCING PLAN

(\$'000)

| Item | Original Financing (SCF) | Additional Financing | | Total Cost |
|---|--------------------------------|----------------------|--------------|---------------|
| | | SCF | NDF | |
| Asian Development Bank ^a | | | | |
| 1. Consultants | | | | |
| a. Remuneration and per diem | | | | |
| i. International consultants | 2,150 | 1,000 | 320 | 3,470 |
| ii. National consultants | 1,400 | 630 | 270 | 2,300 |
| b. International and local travel | 180 | 100 | 50 | 330 |
| c. Reports and communications | 260 | 60 | 25 | 345 |
| 2. Equipment ^b | 90 | 30 | 0 | 120 |
| 3. Training, seminars, workshops and Conferences ^c | 520 | 430 | 195 | 1,145 |
| 4. Surveys ^d | 1,600 | 220 | 40 | 1,860 |
| 5. Miscellaneous administration and support costs ^e | 300 | 200 | 0 | 500 |
| 6. Contract negotiations | 10 | 0 | 0 | 10 |
| 7. Contingencies | 490 | 330 | 100 | 920 |
| Total | 7,000 | 3,000 | 1,000 | 11,000 |

SCF = Strategic Climate Fund, NDF = Nordic Development Fund,

^a Financed by the Strategic Climate Fund (under the Pilot Program for Climate Resilience) and the Nordic Development Fund (NDF). Both funds will be administered by ADB. NDF grant also includes ADB's administration fee, audit costs, bank charges, and a provision for foreign exchange fluctuations (if any), to the extent that these items are not covered by the interest and investment income earned on this grant. The Government of Cambodia has agreed to provide in-kind contributions in the form of office space, remuneration and other services of counterpart staff.

^b Includes the cost of computers, printers, geographic information system software and global positioning systems. All items procured under the TA will be turned over to the executing agency upon TA completion.

^c Includes participation in local and regional climate change events. Funds will be expended in ADB member countries only.

^d Includes surveys, feasibility studies, and pilot projects.

^e Includes priority project operating costs to cover salary supplements and travel allowances for government staff, as agreed at the time of TA approval in 2012.

Source: Asian Development Bank estimates.

REVISED OUTLINE TERMS OF REFERENCE FOR CONSULTANTS

1. The original technical assistance (TA) for Mainstreaming Climate Resilience into Development Planning in Cambodia required three types of consulting inputs: (i) a firm providing 105 person-months of international and 435 person-months of national consulting inputs (Package 1), (ii) a nongovernmental organization (NGO) to operate the civil society support mechanism (Package 2), and (iii) two individual national experts providing 105 person-months of consulting inputs.

2. For the proposed increase in TA amount, an additional consulting firm providing 42 person-months of international and 180 person-months of national consulting inputs (Package 3) and an individual international consultant for 24 person-months will be required. In line with ADB's Mid Term Review Action Plan, output-based contracts with consideration of fixed cost out-of-pocket expenses will be utilized to improve administrative efficiency and effectiveness.

3. The consulting firm will be recruited using the quality- and cost-based selection method (90:10) and full technical proposal, in accordance with the Asian Development Bank (ADB) Guidelines on the Use of Consultants (2013, as amended from time to time). Preference will be given to firms with work experience in Cambodia or in other Southeast Asian countries. The firm expected to cooperate with packages 1 and 2 to build synergies. The inputs of the consultants are in Table 1.

Table 1: Consultancy Services Inputs
(person-months)

| | International consultants | National consultants |
|---|---------------------------|----------------------|
| A. Package 3 | | |
| International | 42 | |
| Climate Change Adaptation Specialist and Team Leader | 9 | |
| Gender Mainstreaming and Climate Change Specialist | 9 | |
| Climate Change Monitoring and Evaluation Specialist | 9 | |
| Climate Change Capacity Building and Knowledge Management Specialists | 15 | |
| National | | 180 |
| Climate Change Capacity Building and Knowledge Management Specialists | | 52 |
| Climate Change Specialist for Subnational Mainstreaming | | 36 |
| Gender Mainstreaming and Climate Change Specialist | | 36 |
| Climate Change Monitoring and Evaluation Specialist | | 36 |
| Data Management Specialist | | 20 |
| B. Individual Consultant | 24 | |
| Technical Advisor for Strategic Program for Climate Resilience (SPCR) | 24 | |
| TOTAL | 66 | 180 |

Source: Asian Development Bank.

A. Package 3: Consulting Firm (42 international and 180 national person-months of consulting inputs)

4. Climate Change Adaptation Specialist and Team Leader (9 person-months, international, intermittent). The expert will have a master's degree or higher in environmental management, climate change, or a related area with at least 5 years of experience as a project manager. The specialist must have at least six years of relevant experience in the areas directly related to climate change adaptation; experience in conducting climate change vulnerability and impact assessments; sound knowledge of subnational planning processes in Cambodia; and familiarity with donor agencies and institutions involved in climate change. Knowledge of the implications of climate change on development, finance, environment, and other relevant fields is necessary. The expert will be based at the Secretariat of the National Committee for Decentralization and De-concentration (NCDD) and will:

- (i) take overall responsibility for coordination, supervision, and management of Package 3 and ensure production and delivery of quality outputs;
- (ii) liaise between national and subnational governments, key ministries, consulting teams for packages 1 and 2, ADB and other stakeholders (civil society, private sector and development partners) to ensure their effective participation and inclusiveness;
- (iii) prepare quarterly and annual progress reports for submission to ADB and MOE;
- (iv) provide direct support to NCDD and/or Ministry of Interior in integrating climate risk management into subnational and commune development plans, programs, and projects in three sectors;
- (v) support capacity building efforts in MOWA and MOP and share relevant information on adaptation innovations, best practices, and lessons learnt;
- (vi) oversee the development and dissemination of all knowledge products under Package 3, and feed information into MOE climate change web portals;
- (vii) assess and develop innovative climate financing schemes and modalities to support climate resilience at subnational levels (district and commune levels);
- (viii) provide guidance in undertaking vulnerability and impact assessments;
- (ix) Implement adaptation activities at the commune and district levels; and
- (x) Implement other relevant tasks designated by the National PPCR Focal Point and/or Southeast Asia Department of ADB (SERD) PPCR Focal.

5. Gender Mainstreaming and Climate Change Specialists (9 person-months, international, intermittent; 36 person-months, national, continuous). The consultants will have a master's degree or higher in environmental policy, social development, gender studies, development studies with a focus on gender, environment, natural resources, economics, public administration, or a related area. They will have experience (8 years for international and 5 years for national) in mainstreaming gender concerns in climate change strategies and projects; implementing gender-focused climate change projects; and will be knowledgeable about climate change impacts on women. The experts should have strong grasp of policy, institutional and human capacity issues constraining women empowerment in coping with impacts of climate change. The experts will be based at MOWA and will:

- (i) collect sex disaggregated baseline data through gender assessments;
- (ii) update the master plan on gender and climate change under MOWA's guidance;
- (iii) assist MOWA in integrating gender concerns into climate change adaptation plans, programs and projects;
- (iv) develop operational guidelines and targeted knowledge products on integrating gender concerns in climate change adaptation in at least three sectors;
- (v) design strategies to ensure effective participation of women in the implementation of PPCR projects;
- (vi) facilitate regular meetings and consultations with MOWA and line ministries to strengthen coordination on gender and climate change adaptation issues;

- (vii) assist in integrating gender focused resilience indicators in Cambodia's monitoring and evaluation systems;
- (viii) develop criteria for selection of gender-equitable adaptation pilots in selected provinces;
- (ix) assist in prioritizing and implementing gender-equitable adaptation measures;
- (x) organize training workshops and knowledge sharing activities on gender mainstreaming in adaptation and ensure women's broad participation;
- (xi) conduct economic analysis of integrating gender concerns in adaptation investments;
- (xii) promote the use and improvement of knowledge management mechanisms to share information about gender and climate change/DRR related initiatives, and
- (xiii) provide inputs to quarterly and annual progress reports for submission to ADB and MOWA.

6. **Climate Change Monitoring and Evaluation (M&E) Specialists** (9 person-months, international, intermittent; 36 person-months, national, continuous). The consultants will have a master's degree or higher in social sciences, economics, environmental policy or a related area with extensive experience (8 years for international and 6 years for national) in monitoring, reporting and evaluation work at national, program and project-level; knowledge on adaptation programs and management information systems; and good skills for data analysis and interpretation. The experts should be conversant with the PPCR results framework and provide support to the National Institute of Statistics (NIS) at the MOP and various project teams of the Strategic Program for Climate Resilience (SPCR). The consultants will be based at MOP to:

- (i) facilitate data collection system for climate resilience indicators at the NIS through conducting targeted training programs;
- (ii) prepare guidance manuals on integrating adaptation indicators in M&E systems at all levels;
- (iii) support the development of a unified monitoring and evaluation system that aligns with the revised PPCR results framework and national M&E framework;
- (iv) provide effective result-based monitoring of program and project outputs, based on approved PPCR indicators;
- (v) liaise with the relevant ministries to ensure that the PPCR results reporting system is taken into account throughout the project implementation cycle;
- (vi) support the PPCR focal points in line ministries to conduct an annual evaluation of PPCR project performance;
- (vii) assist in consolidating and updating the PPCR results frameworks;
- (viii) identify performance targets and indicators on adaptation for integration into national, sector, program and project level M&E systems;
- (ix) conduct training for technical staff at the NIS on collection, synthesis, aggregation and reporting of data for selected climate change indicators;
- (x) develop methodological guidelines to enhance institutional awareness and coordination on PPCR results framework; and
- (xi) disseminate lessons learned, best practices, tools, and methods on M&E process captured from adaptation investments.

7. **Climate Change Capacity Building and Knowledge Management Specialists** (15 person-months, international, intermittent; 52 person-months, 2 national, intermittent). The consultants will have Master's degree or higher in environmental management, agriculture, natural resource management, economics, public administration, or a related area and substantial experience (8 years for international and 6 years for national) in climate change capacity building and knowledge management. The consultants will have experience in

assisting government institutions in developing and implementing communications strategies. The consultants will have strong skills in communication, networking, and workshop facilitation to work effectively with national and local governments, development partners, private sector, communities and other stakeholders. The consultants will:

- (i) map out capacity needs of policymakers and other stakeholders in terms of (a) climate data needs, (b) vulnerability and impact assessments, (c) coordination, (d) subnational and gender mainstreaming of climate resilience at policy and operational levels, (e) conducting feasibility studies of gender-responsive adaptation projects, (f) knowledge management, and (g) M&E;
- (ii) identify priority activities for strengthening the capacity of relevant stakeholders;
- (iii) advise on knowledge management on climate change adaptation and disaster risk reduction, including unearthing existing and indigenous knowledge and putting together in usable form
- (iv) prepare training materials, guidelines and sector manuals and conduct training programs and workshops for integrating (a) adaptation into subnational planning and development, (b) gender considerations into adaptation investments, and (c) adaptation indicators into national, sectoral and project M&E systems;
- (v) design appropriate media and content to communicate information on the above topics effectively;
- (vi) prepare targeted knowledge products on mainstreaming adaptation, gender and M&E concerns at provincial, district and commune levels; and
- (vii) coordinate with other specialists to feed information into MOE climate change web portals.

8. **Climate Change Specialists for Subnational Mainstreaming** (36 person-months, national, continuous). The consultant will have a relevant bachelor's degree or higher in environment, climate change, agriculture, rural development or in a related discipline and at least 6 years of experience in implementing climate change adaptation and disaster risk reduction (DRR) projects. The ability to conduct capacity building activities and work with stakeholders at the provincial, district and commune levels is required. The consultant will be based at NCDD and will carry out the following tasks:

- (i) coordinate project activities within targeted communes and districts and organize consultations with commune and district councils and local communities;
- (ii) assist district and commune councils, NGOs/CSOs, and other stakeholders in integrating climate risk management into district and commune development plans, identifying priority demonstration projects, determining risk screening tools available, conducting initial vulnerability assessment etc.;
- (iii) conduct surveys, feasibility studies, and prepare proposals on adaptation;
- (iv) document local knowledge and best practices in mainstreaming and implementing climate change adaptation and DRR at the commune level;
- (v) assist in developing guidelines on integrating climate change adaptation into commune development plans and investment programs; and
- (vi) organize capacity building events for relevant stakeholders at the provincial, district and commune levels.

9. **Data Management Specialist** (20 person-months, national, intermittent). The specialist will have a degree in economics, statistics or other relevant fields with at least 6 years of experience in the use of quantitative, qualitative and participatory methods and data analysis for M&E. The specialist will have practical experience with MS Excel, SPSS, and GIS software. Experience in collection of climate change data would be a plus. The consultant will be based at MOP and will:

- (i) develop and manage a repository on climate change data to monitor indicators and results of the seven SPCR projects, in collaboration with respective project teams and line ministries;
- (ii) process and consolidate quantitative and qualitative data on adaptation, ensuring the data is systematically consolidated and appropriately screened and checked for completeness and accuracy;
- (iii) analyze data using appropriate statistical methods and analysis;
- (iv) conduct training for M&E staff at MOP and line ministries in collecting, consolidating, harmonizing, and analyzing climate change data;
- (v) develop robust web-based information management system for data management and record-keeping; and
- (vi) coordinate with M&E working groups in line ministries to ensure that national, subnational, and sectoral adaptation indicators are monitored as per guidelines.

B. Individual consultant

10. **Technical Advisor for SPCR** (24 person-months, international). The consultant will have a higher degree in environmental policy, economics, natural resource management or related area and at least 10 years of experience in designing and implementing climate change projects in a multi-sectoral development context at different scales (i.e., regional, national, subnational) in Asia. Related experience in Cambodia will be considered a strong advantage. The expert should have at least 5 years of experience in managing large technical teams with an emphasis on results-based monitoring and management. Experience with multi-lateral development banks (World Bank, ADB) will be an advantage. The expert will be based at MOE and report to SPCR coordination team and the ADB Project Officer. The consultant will:

- (i) provide strategic and operational advisory support to the SPCR coordination team to achieve the SPCR's impact, outcome and outputs;
- (ii) ensure overall coordination, supervision, and management of Packages 1, 2 and 3 under the TA and the seven SPCR investment projects;
- (iii) advise on climate change data collection and storage and assume responsibility for reporting to the SPCR Coordination Team, ADB and PPCR Sub-Committee;
- (iv) review existing national and local planning processes and advise on entry points for inclusion of climate change;
- (v) provide technical advice and advocate for national and district budget revisions to ensure increased and relevant spending on climate change, e.g. by using and building on the recommendations of the Public Expenditure and Institutional Review on climate change;
- (vi) track related climate change initiatives (e.g., Cambodia Climate Change Alliance) with potential to complement SPCR and serve as the primary point of contact between SPCR's technical teams and other partners to promote synergies between SPCR and other programs;
- (vii) prepare relevant materials on adaptation and disaster risk reduction, including but not limited to SPCR-wide interdisciplinary technical reports, policy briefs, popular articles, etc. and disseminate them;
- (viii) collect and share information on a regular basis in relevant fora on progress, achievements, challenges with climate change adaptation and disaster risk reduction in Cambodia;
- (ix) provide quality assurance of technical reports and outputs produced by TA and investment projects; and
- (x) assist in developing targeted and bankable climate change programs / projects in Cambodia.