



Bangladesh: Climate and Disaster Resilient Small-Scale Water Resources Management Project

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| Project Name | Climate and Disaster Resilient Small-Scale Water Resources Management Project | |
| Project Number | 53237-001 | |
| Country | Bangladesh | |
| Project Status | Proposed | |
| Project Type / Modality of Assistance | Loan | |
| Source of Funding / Amount | Loan: Climate and Disaster Resilient Small-Scale Water Resources Management Project | |
| | concessional ordinary capital resources lending / Asian Development Fund | US\$ 100.00 million |
| Strategic Agendas | Environmentally sustainable growth Inclusive economic growth | |
| Drivers of Change | Governance and capacity development Knowledge solutions Partnerships | |
| Sector / Subsector | Agriculture, natural resources and rural development - Agricultural production - Irrigation - Rural flood protection - Rural market infrastructure - Rural water policy, institutional and capacity development | |
| Gender Equity and Mainstreaming | Effective gender mainstreaming | |
| Description | <p>Building on prior ADB-financed projects, the project aims at enhancing the climate and disaster resilience of small-scale water resources infrastructures and services and introducing agricultural value chains. Bangladesh has a land area of 14.7 million hectares (ha) and net cultivable area of about 8 million ha. With a population of 165 million in 2018, it is among the most densely populated countries in the world, and one of the countries most exposed to natural hazards and climate impacts, that can lead to severe effects on livelihoods and food security. Over 80% of the population live in rural areas and are mainly engaged in agriculture and related nonfarm activities. Agriculture and fisheries -sectors most at risk from climate change and extreme weather events- provide nearly half of employment and support over 70% of the population. About two-thirds of the rural population are landless or functionally landless (owning less than 0.2 ha of land), and those with productive land are affected by increasingly frequent flooding.</p> | |
| Project Rationale and Linkage to Country/Regional Strategy | <p>The project beneficiaries will be small-scale farmers who will benefit through increased yields and adoption of climate resilient crop varieties/management practices provided by the project. The project will improve agricultural productivity and profitability through effective, participatory, and sustainable SSWR management within the selected project locations with the following outputs and interventions. Output 1: participatory subproject development improved will (i) establish 150 new WMCAs; (ii) support institutional and WMCA skills development for efficient use of water management infrastructure inclusive of gender, social, climate and disaster resilience aspects; and (iii) support WMCAs with income-generating activities other than agriculture. Output 2: small-scale water resources infrastructure with climate and disaster resilient features developed or enhanced will (i) develop 150 new climate- and disaster-resilient subprojects; and (ii) enhance about 400 existing WMCAs' infrastructure with climate and disaster resilient features to improve system performance through adaptive climate proofing and climate-smart low-cost investments and promoting adaptation and disaster resilience. Output 3: Upazila- and WMCA-level value chain development activities prepared and implemented will increase the income of WMCAs by (i) building WMCAs' capacities to develop and implement business plans promoting climate resilient and market-driven crop diversification; and (ii) investing in the implementation of plans whose activities are linked to build and operationalize post-harvest management infrastructure such as processing and storage facilities, pack houses, and cold chains at Upazila- and WMCA-levels, and with food safety enhancement. These interventions will result in the following outcome: climate resilient agricultural productivity and profitability in selected geographic areas increased. The project is aligned with the following impact: food security and rural livelihoods resilience to climate change-induced disasters amongst project beneficiaries increased.</p> | |
| Impact | Food security and rural livelihoods resilience to climate change-induced disasters amongst project beneficiaries increased (Seventh Five Year Plan: FY2016 FY2020) | |
| Outcome | Climate resilient agricultural productivity and profitability in selected geographic areas increased | |
| Outputs | Participatory subproject development improved Small-scale water resources infrastructure with climate and disaster resilient features developed or enhanced Upazila- and WMCA-level value chain development activities prepared and implemented | |
| Geographical Location | Nation-wide | |
| Safeguard Categories | | |
| Environment | | B |
| Involuntary Resettlement | | B |
| Indigenous Peoples | | C |
| Summary of Environmental and Social Aspects | | |
| Environmental Aspects | | |
| Involuntary Resettlement | | |
| Indigenous Peoples | | |

Stakeholder Communication, Participation, and Consultation

During Project Design

During Project Implementation

Business Opportunities

Consulting Services To be recruited following the ADB Procurement Policy (2017, as amended from time to time) and its associated project administration instructions and/or staff instructions.

Procurement To be procured following the ADB Procurement Policy (2017, as amended from time to time) and its associated project administration instructions and/or staff instructions.

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| Responsible ADB Officer | Olivier Drieu |
| Responsible ADB Department | South Asia Department |
| Responsible ADB Division | Environment, Natural Resources & Agriculture Division, SARD |
| Executing Agencies | Local Government Engineering Department Mr. Mhd. Nurul Islam, Project Director, SSWRSDP LGED Bhaban (Level 6), Agargaon Sher-e-Bangla Nagar, Dhaka 1207, Bangladesh |

Timetable

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| Concept Clearance | 24 Dec 2019 |
| Fact Finding | 08 Aug 2020 to 15 Aug 2020 |
| MRM | 15 Sep 2020 |
| Approval | - |
| Last Review Mission | - |
| Last PDS Update | 24 Dec 2019 |

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| Project Page | https://www.adb.org/projects/53237-001/main |
| Request for Information | http://www.adb.org/forms/request-information-form?subject=53237-001 |
| Date Generated | 27 December 2019 |

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