



Bangladesh: Flood and Riverbank Erosion Risk Management Investment Program - Tranche 2

Project Name	Flood and Riverbank Erosion Risk Management Investment Program - Tranche 2		
Project Number	44167-015		
Country	Bangladesh		
Project Status	Approved		
Project Type / Modality of Assistance	Grant Loan		
Source of Funding / Amount	Grant 0799-BAN: Flood and Riverbank Erosion Risk Management Investment Program - Project 2		
	Government of the Netherlands	US\$ 17.89 million	
	Loan 4107-BAN: Flood and Riverbank Erosion Risk Management Investment Program - Tranche 2		
	Concessional ordinary capital resources lending	US\$ 157.00 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 - Rural flood protection - Rural water policy, institutional and capacity development		
Gender Equity and Mainstreaming	Effective gender mainstreaming		
Description	The multitranche financing facility (MFF) to the People's Republic of Bangladesh for the Flood and Riverbank Erosion Risk Management Investment Program was approved in 2014 to improve the livelihoods in the project area along the Jamuna, Padma, and Ganges rivers in central Bangladesh. It will reduce flood and riverbank erosion risks in priority erosion reaches through structural and nonstructural interventions, and institutional and knowledge-based strengthening. It will implement three subprojects comprising climate-resilient flood embankments protecting critical riparian productive areas in central Bangladesh and capacity building initiatives. It will extend successful riverbank protection technologies of the ADB-financed Jamuna-Meghna River Erosion Mitigation Project to other areas, with necessary improvements. At the government's request the originally envisaged Tranches 2 and 3 of the MFF will be combined into a single and final tranche (Tranche 2). Tranche 2 will be a continuation of the works carried out under Tranche 1 and will build upon the achievements of Tranche 1.		
Project Rationale and Linkage to Country/Regional Strategy	Bangladesh is a densely populated country located mainly on a vast low-lying floodplain at the confluence of three main rivers, namely the Jamuna, the Padma (Ganges), and the Meghna. The country is highly prone to natural hazards and vulnerable to disasters due to its location, climate variability, high incidence of poverty, poor institutional capacity, inadequate financial resources, and weak integrated planning and maintenance of infrastructure. While overall national poverty incidence declined, rural poverty is still pervasive and the poor live mainly in rural areas. Their conditions are exacerbated by the highly dynamic river morphology and climate impacts, recurrent floods, and riverbank erosion. This discourages investment in riverine areas and results in lower economic growth that has prevented incomes from rising and perpetuated high poverty rates. The country's high population density has restricted people from leaving the most disaster-prone areas. In these areas, this investment program aims to tackle one of the critical development inhibitors of Bangladesh: recurrent flooding from the Jamuna-Padma-Ganges-Meghna river system, exacerbated by unpredictable riverbanks erosion.		
Impact	Livelihood in the project area improved.		
Project Outcome			
Description of Outcome		Flood and riverbank erosion risks in the subproject areas reduced.	
Progress Toward Outcome			
Implementation Progress			
Description of Project Outputs		Flood and riverbank erosion risk mitigation functioning at priority reaches improved Institutional system for flood and riverbank erosion risk management strengthened Program management systems operational	
Status of Implementation Progress (Outputs, Activities, and Issues)			
Geographical Location		Chauhali, Enayetpur, Harirampur	
Safeguard Categories			
Environment		A	
Involuntary Resettlement		A	
Indigenous Peoples		C	
Summary of Environmental and Social Aspects			

Environmental Aspects	The works under Project 2 are a continuation of those under Project 1. The draft Environmental Impact Assessment, including an environmental management plan, was disclosed on ADB's website on 6 August 2020. The environmental assessment and review framework was updated to describe the established grievance redress mechanism and incorporate minor changes and improvements in the design. A tranche report was also prepared. The category A classification is triggered because without mitigation, direct impacts of Project 2 interventions on biodiversity habitat could be significant, long-lasting and cumulative. The main works are confined to the riverbanks, outside of any sensitive or protected areas.
Involuntary Resettlement	The riverbank protection and embankment will go through private cultivated land, commercial land, and pond areas, resulting in about (i) 68 ha of land acquisition; and (ii) physical and economical displacement of over 720 households, comprising about 3,900 persons, loss of land, 2,652 structures, and 14,024 trees (timber, medicinal, fruit-bearing) due to involuntary land acquisition. Extensive consultations with the affected persons (APs) were conducted during Project 2 preparation ; project information and the resettlement framework were explained to them. The APs are direct beneficiaries of the protection works. Land acquisition and resettlement will take place in the three subproject areas: riverbank protection requires narrow strips of land in each area, and embankment construction in only subprojects Jamuna Right Bank-1 (JRB-1) and Jamuna Left Bank-2 (JLB-2) areas. The project follows a sector approach: a resettlement framework (RF) and one sample resettlement plan (RP) (Shahjampur in JRB-1) have been prepared and disclosed, and three other RPs will be prepared accordingly. This approach is due to COVID-19 constraints to conduct a full census for the Shahjampur RP, and the need for completion of riverbank stabilization works prior to land acquisition for the three remaining RPs. All four RPs will be finalized, and disclosed with ADB approval during project implementation, but prior to award of works contracts in these areas. The RPs will also consider measures to mitigate COVID-19-related risks, including effective methods of safe consultation and resettlement, and updated vulnerability assessments to address the real-time impacts of COVID-19 on APs lives, such as loss of livelihoods, access to services, and community health. BWDB has acquired capacity for mitigating social risks, will work with the support of an NGO and will engage an external monitoring expert.
Indigenous Peoples	As there are no tribes, minor races, ethnic sects, and communities in any subproject areas, Project 2 will have no impact on the dignity, human rights, livelihood systems, or culture of tribes, minor races, ethnic sects, and communities, nor affect their ancestral domain.

Stakeholder Communication, Participation, and Consultation	
During Project Design	The stakeholder communication strategy has been built into the design of the project, including the resettlement plans and the gender action plan, while no separate stakeholder communication strategy has been established. A key part of the project implementation strategy will be focusing on information sharing and consultation that will guide communications with stakeholders during project implementation. Such information sharing will help to build consensus and ensure continuous stakeholder support throughout the project implementation. The primary audiences for the communication strategy are local communities along the project rivers, the public (NGOs and development partners, key individual decision makers) and government and authorities (local upazila administration, institutions and ministries).
During Project Implementation	The communication activities will include door-to-door awareness campaigns, public meetings, publicity programs with educational institutes, etc. Stakeholder consultations were initiated during project preparation and Tranche 1, with affected households, local representatives and other stakeholders. Socio-economic surveys were also conducted before finalizing the designs. After finalizing the designs, the proposed interventions were explained at each proposed subproject site. This close communication with local stakeholders will be maintained during the implementation stage. Implementation delays may occur due to communicable diseases such as COVID-19, potentially resulting in time and cost overruns.

Business Opportunities	
Consulting Services	All procurement of consulting services will be undertaken in accordance with ADB's Procurement Regulations for ADB Borrowers: Goods, Works, Nonconsulting and Consulting Services (2017, as amended from time to time).
Procurement	All procurement of goods, and works will be undertaken in accordance with ADB's Procurement Regulations for ADB Borrowers: Goods, Works, Nonconsulting and Consulting Services (2017, as amended from time to time).

Responsible ADB Officer	Drieu, Olivier
Responsible ADB Department	South Asia Department
Responsible ADB Division	Environment, Natural Resources & Agriculture Division, SARD
Executing Agencies	Bangladesh Water Development Board 3 DIT Extension Avenue Hoque Chamber, Motijheel Commercial Area Dhaka, Bangladesh

Timetable	
Concept Clearance	-
Fact Finding	-
MRM	25 May 2021
Approval	06 Sep 2021
Last Review Mission	-
Last PDS Update	06 Sep 2021

Grant 0799-BAN

Financing Plan		Grant Utilization			
	Total (Amount in US\$ million)	Date	ADB	Others	Net Percentage
Project Cost	17.89	Cumulative Contract Awards			
ADB	0.00	-	0.00	0.00	%
Counterpart	0.00	Cumulative Disbursements			
Cofinancing	17.89	-	0.00	0.00	%

Loan 4107-BAN

Financing Plan		Loan Utilization			
	Total (Amount in US\$ million)	Date	ADB	Others	Net Percentage
Project Cost	194.91	Cumulative Contract Awards			
ADB	157.00	-	0.00	0.00	%

Counterpart	37.91	Cumulative Disbursements			
Cofinancing	0.00	-	0.00	0.00	%

Project Page	https://www.adb.org/projects/44167-015/main
Request for Information	http://www.adb.org/forms/request-information-form?subject=44167-015
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