



Bangladesh: Strengthening Monitoring and Enforcement in the Meghna River for Dhaka's Sustainable Water Supply

Project Name	Strengthening Monitoring and Enforcement in the Meghna River for Dhaka's Sustainable Water Supply
Project Number	42173-014
Country	Bangladesh
Project Status	Approved
Project Type / Modality of Assistance	Technical Assistance
Source of Funding / Amount	TA 8803-BAN: Strengthening Monitoring and Enforcement of Meghna River's Water Quality for Dhaka's Sustainable Water Supply Japan Fund for Poverty Reduction US\$ 1.00 million
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth
Drivers of Change	Governance and capacity development Partnerships
Sector / Subsector	Water and other urban infrastructure and services - Urban policy, institutional and capacity development
Gender Equity and Mainstreaming	Some gender elements
Description	Urban sector including water supply is one of the priority sectors in the Country Partnership Strategy (CPS). Expanding sustainable safe water supply in Dhaka city is a major activity of the sector to help the government achieve 100% access to water supply. The technical assistance (TA) activities will help ensure long-term water security of Dhaka city. The TA is highly complementary to the ongoing new water supply project in Dhaka (Loan 3051-BAN) as mentioned above. ADB is currently assisting the government in establishing a regulatory framework for urban water supply and sanitation (TA 8320-BAN). The main focus of the ongoing TA is to support the establishment of an independent regulatory commission for water supply, which will be authorized to adjust water tariff as well as monitor efficient operation of water utilities so that they can operate in a financially sustainable way. Thus there is no overlap with the proposed TA.
Project Rationale and Linkage to Country/Regional Strategy	Sustainable water supply from Meghna River to Dhaka city ensured; performance targets: By 2020, Water quality of Meghna River at the intake is maintained above government standards (baseline: present water quality of Meghna River).
Impact	Sustainable water supply from Meghna River to Dhaka City is ensured.

Project Outcome

Description of Outcome	Government capacity for monitoring the water quality of Meghna River and enforcing laws to maintain it is strengthened.
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Progress Toward Outcome

Implementation Progress

Description of Project Outputs	1. Monitoring and reporting system, including water pollution mapping, strengthened in the relevant section of Meghna River. 2. Incentive or reward system for pollution control piloted. 3. ECA identified and prepared for designation. 4. Training programs completed.
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Status of Implementation Progress (Outputs, Activities, and Issues)

Geographical Location

Summary of Environmental and Social Aspects

Environmental Aspects

Involuntary
Resettlement

Indigenous Peoples

Stakeholder Communication, Participation, and Consultation

During Project Design	A stakeholder consultation meeting was held on 19 August 2014, where various stakeholders from different agencies participated: Department of Environment, Dhaka Water Supply and Sewerage Authority, Bangladesh Inland Water Transport Authority (BIWTA), Bangladesh Knitwear Manufacturers & Exporters Association (BKMEA), Bangladesh Poribesh Andolon (BAPA), Economic Relations Division, Ministry of Industry, Planning Commission, Local Government Engineering Department, and Water Resources Planning Organization (WARPO).
During Project Implementation	<p>(i) Water pollution mapping, monitoring and reporting system in the upstream of proposed intake sites of Meghna River developed: A study will be undertaken to identify existing and future pollution sources such as key polluting industries, housing development, and other development activities in the upstream of the proposed intake sites. The NSC will be chaired by the secretary of the Ministry of Environment and Forests and comprise high-level representatives from the Planning Commission, DOE, DWASA, Board of Investment, Ministry of Industry, Ministry of Works, Ministry of Land, Ministry of Labor, Ministry of Environment and Forests, Local Government Division, Water Resources Planning Organization, Department of Inspection for Factories and Establishments, industrial associations, and environmental nongovernment organizations. The findings will be incorporated in the existing geographic information system (GIS) available in the DoE. The level of individual and cumulative pollution impacts of identified pollution sources will be assessed, and the level of and measures for pollution control will be proposed to ensure good water quality. Regular monitoring and reporting system from the general public will be developed and maintained. Provision for setting up monitoring stations at the upstream and downstream of Meghna River along with central monitoring mechanism with online monitoring system at DoE will be actively considered.</p> <p>(ii) Incentive or reward system for pollution control piloted: An incentive or reward system will be piloted to motivate industries to mitigate their pollution levels. Technical advice for pollution control and cleaner production may be provided to industries upon request. The results of pilot implementation will be assessed.</p> <p>(iii) Ecologically Critical Area (ECA) identified and prepared for designation: Support will be provided to declare relevant sections of Meghna River as an ECA to promote environmental protection and prevent future pollution. This will include a background study to assess ecological importance and economic value of the areas.</p> <p>(iv) Training programs completed: Capacity development programs for relevant organizations such as DoE to make the new monitoring and reporting system functional will be developed and implemented. Stakeholder consultation meetings and public awareness programs will be undertaken.</p>

Business Opportunities

Consulting Services	The technical assistance (TA) will require about 85 person-months of consulting services: 20 person-months international and 65 person-months national.
Procurement	Since all the procurement, including recruitment of consultants and procurement of office equipment, will be directly managed by ADB, risks related to financial management, procurement, and corruption will be minimal.

Responsible ADB Officer	Norio Saito
Responsible ADB Department	South Asia Department
Responsible ADB Division	Urban Development and Water Division, SARD
Executing Agencies	<i>Department of Environment Poribesh Bhaban, Room No. 403 E/16 Agargaon, Sher-e-Bangla Nagar Dhaka 1207, Bangladesh</i>

Timetable

Concept Clearance	05 Sep 2014
Fact Finding	18 Aug 2014 to 21 Aug 2014
MRM	-
Approval	12 Dec 2014
Last Review Mission	-
Last PDS Update	26 Mar 2015

TA 8803-BAN

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
12 Dec 2014	-	-	31 May 2017	-	-

Financing Plan/TA Utilization							Cumulative Disbursements	
ADB	Cofinancing	Counterpart				Total	Date	Amount
		Gov	Beneficiaries	Project Sponsor	Others			
0.00	1,000,000.00	50,000.00	0.00	0.00	0.00	1,050,000.00	12 Dec 2014	0.00

Project Page <http://www.adb.org/projects/42173-014/main>

Request for Information <http://www.adb.org/forms/request-information-form?subject=42173-014>

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