



ASIAN DEVELOPMENT BANK

Bangladesh: Participatory Small-Scale Water Resources Sector Project

Project Name	Participatory Small-Scale Water Resources Sector Project												
Project Number	39432-013												
Country	Bangladesh												
Project Status	Approved												
Project Type / Modality of Assistance	Loan												
Source of Funding / Amount	<table><tr><td colspan="2">Loan 2542-BAN: Participatory Small-Scale Water Resources Sector Project</td></tr><tr><td>Asian Development Fund</td><td>US\$ 55.00 million</td></tr><tr><td colspan="2">Loan 8248-BAN: Participatory Small-Scale Water Resources Sector Project</td></tr><tr><td>IFAD Fund - Cofinanced Loans</td><td>US\$ 22.00 million</td></tr><tr><td colspan="2">Loan 8250-BAN: Participatory Small-Scale Water Resources Sector Project</td></tr><tr><td>IFAD Fund - Cofinanced Loans</td><td>US\$ 10.00 million</td></tr></table>	Loan 2542-BAN: Participatory Small-Scale Water Resources Sector Project		Asian Development Fund	US\$ 55.00 million	Loan 8248-BAN: Participatory Small-Scale Water Resources Sector Project		IFAD Fund - Cofinanced Loans	US\$ 22.00 million	Loan 8250-BAN: Participatory Small-Scale Water Resources Sector Project		IFAD Fund - Cofinanced Loans	US\$ 10.00 million
Loan 2542-BAN: Participatory Small-Scale Water Resources Sector Project													
Asian Development Fund	US\$ 55.00 million												
Loan 8248-BAN: Participatory Small-Scale Water Resources Sector Project													
IFAD Fund - Cofinanced Loans	US\$ 22.00 million												
Loan 8250-BAN: Participatory Small-Scale Water Resources Sector Project													
IFAD Fund - Cofinanced Loans	US\$ 10.00 million												
Strategic Agendas	Inclusive economic growth												
Drivers of Change	Governance and capacity development Partnerships												
Sector / Subsector	Agriculture, natural resources and rural development - Agricultural drainage - Agricultural policy, institutional and capacity development - Irrigation - Rural flood protection												
Gender Equity and Mainstreaming	Gender equity												
Description	<p>The Project builds on lessons from previous ADB investments in the small-scale (less than 1,000 hectare [ha]) water resources sector; specifically, the Small-Scale Water Resources Development Sector Project (SSW 1), which was implemented from 1996 to 2002 and developed 280 subprojects in the western part of the country. Also, the ongoing Second Small-Scale Water Resources Development Sector Project (SSW 2), which commenced in 2002 and is due to be completed in 2009. This has developed 275 subprojects in 61 of 64 districts of Bangladesh. The Project will support the development of inclusive water management cooperative associations (WMCAS) that include landowners, land operators, women, fishers, and other vulnerable groups. The WMCAS should have sufficient social and technical capital to undertake small-scale water resources (SSWR) subprojects and to improve system operations. They should have clear financing partnerships and/or cost-sharing mechanisms so they can carry out sustainable maintenance. Within an enabling institutional framework, they should be capable of maximizing their collective potential to increase agriculture production in the subproject areas. The Project will have three outputs: (i) institutional strengthening of government agencies at all levels to support SSWR development; (ii) participatory subprojects, which will include poor and vulnerable groups, and which will enable WMCAs to plan, implement, operate, and maintain subprojects; and (iii) construction and maintenance of up to 270 SSWR subprojects and performance enhancement of up to 150 subprojects (out of 560 completed) from SSW 1 and 2 projects.</p>												
Project Rationale and Linkage to Country/Regional Strategy	<p>The Project will support the National Strategy for Accelerated Poverty Reduction II of the Government of Bangladesh, which identifies water resources development and management as a critical sector for pro-poor economic growth and food security through agricultural development. The Project implements key elements of ADB's Water Policy including institutional strengthening and socially inclusive development principles, including stakeholder consultation and participation at all levels. It also supports core areas of operations defined in ADB's Strategy 2020, including investing in rural infrastructure for water management, building capacity for better infrastructure management, and promoting institutional reforms that enhance operational efficiency and sustainability of infrastructure projects.</p>												
Impact	The impact of the Project will be enhanced productivity and sustainability in agriculture in subproject areas.												
Project Outcome													

Description of Outcome	The outcome of the Project will be sustainable small-scale water resources management systems in subproject areas.
Progress Toward Outcome	--
Implementation Progress	
Description of Project Outputs	<p>Output 1: Institutional Strengthening: Enhanced institutional capacity and capability of government agencies at all levels that support SSWR development</p> <p>Output 2: Participatory Subproject Development: Refinement of subproject development process for sustainable WMCA that are performing well.</p> <p>Output 3: Small-Scale Water Resources Infrastructure and Project Implementation Support</p> <p>Construction and maintenance of smallscale water resources subprojects</p>
Status of Implementation Progress (Outputs, Activities, and Issues)	<p>Completed</p> <p>228 WMCAs are established and are being provided with all required support</p> <p>Ongoing</p> <p>Ongoing</p> <p>204 WMCA registered</p> <p>205 requests for new and for 120 performance enhancement SPs request approved</p> <p>213 WMCA (113 new and 100 existing) audited</p> <p>Members of 180 WMCA contributed to the required O&M fund, which is a pre-condition for Implementation Agreement</p> <p>This will be monitored after handing over of the sub-projects to the WMCAs</p> <p>50 new and 80 enhancement subprojects are completed</p> <p>Ongoing</p>
Geographical Location	The Project will develop 230 new subprojects in 46 out of 61 districts of Bangladesh, excluding three districts of Chittagong Hill Tracts and 15 districts in which similar subprojects are being financed by the Japan International Cooperaton Agency.
Safeguard Categories	
Environment	B
Involuntary Resettlement	B
Indigenous Peoples	B
Summary of Environmental and Social Aspects	
Environmental Aspects	Category B. Initial environmental examinations were undertaken for three sample subprojects and environmental assessment and review procedures prepared. These were endorsed by the Local Government Engineering Department (LGED), the executing agency, on 29 October 2008 and uploaded to the Asian Development Bank (ADB) website on 9 February 2009.
Involuntary Resettlement	Very limited resettlement impacts are anticipated in implementing subprojects. Most of the subprojects will be on government land, existing rights of way, or lands owned by the local government. The Project will set up criteria in order to exclude subprojects with major resettlement impacts in consultation with the EA. A resettlement framework and sample subproject short resettlement plans were prepared and will be used by the Project where resettlement impacts arise. No relocation is envisaged but compensation, if any, will be paid according to the framework.
Indigenous Peoples	<p>Some indigenous people live in some districts, especially those bordering India and Myanmar. No major impacts on them are anticipated.</p> <p>Since the subprojects are still to be identified, the Project is classified as category B. The feasibility studies will investigate and prepare indigenous peoples' plans, if necessary. If indigenous people are adversely affected by subprojects, they will be compensated according to the resettlement framework.</p>
Stakeholder Communication, Participation, and Consultation	
During Project Design	The Project has been designed through extensive consultation with all stakeholders. The Ministry of Finance, Ministry of Planning, Ministry of Local Government, Rural Development and Cooperatives were consulted. The executing agency Local Government Engineering Department (LGED), Department of Cooperatives (DOC), Department of Agricultural Extension (DAE), Department of Fisheries (DOF), and the Department of Environment were part of the design. The beneficiaries of SSW 1 and SSW 2 and selected subproject areas were extensively consulted. Household survey and focus group discussions were undertaken in selected subproject areas.

During Project Implementation	<p>Key features and resources provided to implement the C&P plan (including budget, consultant input, etc.). The entire project design is based on participatory development principles ensuring beneficiary participation at all stages of the subproject cycle. The Project is a sector project and involves extensive consultation and participation while selecting and implementing the subprojects. At the subproject level, the stakeholders include landowners; large, small and marginal farmers; landless people; and local governments. Local NGOs will also have a stake in the project. Agencies of the Government, including DAE, DOF, and DOC will be involved to provide services to the WMCAs and the project beneficiaries. Different types of consultation and participation will be undertaken, including community mobilization. Participatory rural appraisal (PRA) techniques will be applied to identify subprojects.</p> <p>Consultation and workshops will be required for social, gender, and environmental assessments. Based on the lessons from the existing participation methods in the small-scale water development sector, an effective community mobilization strategy will be followed during the implementation phase.</p> <p>The participatory development component of the Project will improve beneficiary participation in small-scale water resource development by the establishment and strengthening of WMCAs. Continued refinement of critical aspects of the participatory process and value addition to performing WMCAs through structural and nonstructural intervention will be ensured. Project support to WMCAs will consist of management training for the elected management committees, as well as for the general membership. Training content will take into account the lessons from SSW 2, paying particular attention to WMCA performance. WMCA and labor contracting society training events will include legal empowerment issues following the recommendations of the ADB regional TA projects on legal empowerment. While funding for WMCA training is a government responsibility, LGED recognizes that available funds are insufficient to meet WMCA training needs. The Project will supplement government funding of WMCA training to a defined and appropriate level as per the project capacity development plan. Some of the key factors supporting WMCA performance include strong leadership and appropriate levels of support from partner agencies. The capacity development plan includes capacity development activities for partner agencies like the Department of Environment, DOC, and DOF. A study of factors determining the success or failure of WMCAs will be undertaken during the first year of the Project to suggest further refinement of the participatory methodologies. The cost of this study will be included in the project. A technical assistance component for DOC will also contribute toward this end. Three basic principles underlie the project approach to water resource management comprise:</p> <ul style="list-style-type: none"> (i) subprojects must be identified by local people, and initially processed through their elected representatives in the union parishad; (ii) local people, beneficiaries as well as project-affected people, must be involved in all stages of subproject development; and (iii) the overall approach is a combination of two parallel but interrelated processes, one that addresses institutional matters and the other that addresses technical matters. Resources have been provided for participatory development process, capacity development, male and female community assistants and consultants.
-------------------------------	---

Business Opportunities

Consulting Services	Consultants will be selected and engaged in accordance with ADB Guidelines on the use of consultants (2007, as amended from time to time). Firms carrying out project implementation consulting services will be selected through international competition using the quality- and cost-based selection method. A total of 1,319 staff-months of consulting services including 68 months of international and 1,251 months of national consultants will be required for the Project.
Procurement	Procurement of goods and services under the Project will be carried out in accordance with ADB's Procurement Guidelines (2007, as amended from time to time) and the Government's Public Procurement Regulations of 2008 as acceptable to ADB. With clarifications and modifications described in NCB Annex for Bangladesh which provides requirements for compliance with the provisions of the Procurement Guidelines. National Competitive Bidding (NCB) procedures will be applied for contract works below \$2.0 million. NCB will be the major mode for civil works contract given the small size of subprojects. Equipment and materials will be procured under international competitive bidding where the estimated cost is more than \$500,000 equivalent. Shopping procedure will be used for contracts with estimated cost between \$10,000 and \$100,000. Bidding of NCB contracts estimated at \$500,000 or more for goods and related services or \$1,000,000 or more for civil works shall be advertised concurrently with the general procurement notices on ADB's website. Earthworks contracts costing less than Tk 330,000 (about \$5,000) may be awarded directly to the subproject specific Labour Contracting Society (LCS) as a community works contract following relevant provisions of ADB guidelines regarding community participation.

Responsible ADB Officer	Zahir Uddin Ahmad
Responsible ADB Department	South Asia Department
Responsible ADB Division	Bangladesh Resident Mission
Executing Agencies	Local Government Engineering Department Mr Shahidul Haqueshaque_58@yahoo.com LGED Bhaban, Sher e Bangla Nagar, Dhaka

Timetable

Concept Clearance	16 Sep 2008
-------------------	-------------

Fact Finding	17 Sep 2008 to 28 Sep 2008
MRM	23 Feb 2009
Approval	22 Apr 2010
Last Review Mission	-
PDS Creation Date	16 Oct 2008
Last PDS Update	27 Jul 2015

Loan 2542-BAN

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
04 Sep 2009	10 Sep 2009	12 Nov 2009	30 Jun 2018	-	-

Financing Plan			Loan Utilization			
	Total (Amount in US\$ million)		Date	ADB	Others	Net Percentage
Project Cost	85.30		Cumulative Contract Awards			
ADB	55.00		04 Sep 2009	30.22	0.00	59%
Counterpart	30.30		Cumulative Disbursements			
Cofinancing	0.00		04 Sep 2009	22.70	0.00	44%

Status of Covenants						
Category	Sector	Safeguards	Social	Financial	Economic	Others
Rating	-	Satisfactory	-	-	-	Satisfactory

Loan 8248-BAN

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
15 Sep 2009	06 Nov 2009	06 Nov 2009	31 Dec 2017	-	-

Financing Plan			Loan Utilization			
	Total (Amount in US\$ million)		Date	ADB	Others	Net Percentage
Project Cost	22.00		Cumulative Contract Awards			
ADB	0.00		15 Sep 2009	0.00	10.69	53%
Counterpart	0.00		Cumulative Disbursements			
Cofinancing	22.00		15 Sep 2009	0.00	7.65	38%

Loan 8250-BAN

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
22 Apr 2010	18 Oct 2010	18 Oct 2010	31 Dec 2017	-	-

Financing Plan			Loan Utilization			
	Total (Amount in US\$ million)		Date	ADB	Others	Net Percentage
Project Cost	10.00		Cumulative Contract Awards			
ADB	0.00		22 Apr 2010	0.00	5.71	61%

Counterpart	0.00	Cumulative Disbursements			
Cofinancing	10.00	22 Apr 2010	0.00	4.15	44%

Project Page <http://www.adb.org/projects/39432-013/main>

Request for Information <http://www.adb.org/forms/request-information-form?subject=39432-013>

Date Generated 23 August 2015

ADB provides the information contained in this project data sheet (PDS) solely as a resource for its users without any form of assurance. Whilst ADB tries to provide high quality content, the information are provided "as is" without warranty of any kind, either express or implied, including without limitation warranties of merchantability, fitness for a particular purpose, and non-infringement. ADB specifically does not make any warranties or representations as to the accuracy or completeness of any such information.