



## Bangladesh: Small Scale Water Resources Development Sector II

Project Name	Small Scale Water Resources Development Sector II								
Project Number	30209-013								
Country	Bangladesh								
Project Status	Closed								
Project Type / Modality of Assistance	Loan								
Source of Funding / Amount	<table border="1"> <tr> <td colspan="2"><b>Loan 1831-BAN: Small Scale Water Resources Development Sector II</b></td> </tr> <tr> <td>Concessional ordinary capital resources / Asian Development Fund</td> <td>US\$ 34.00 million</td> </tr> <tr> <td colspan="2"><b>Loan: Small Scale Water Resources Development Sector II</b></td> </tr> <tr> <td>Netherlands</td> <td>US\$ 24.60 million</td> </tr> </table>	<b>Loan 1831-BAN: Small Scale Water Resources Development Sector II</b>		Concessional ordinary capital resources / Asian Development Fund	US\$ 34.00 million	<b>Loan: Small Scale Water Resources Development Sector II</b>		Netherlands	US\$ 24.60 million
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Netherlands	US\$ 24.60 million								
Strategic Agendas	Environmentally sustainable growth								
Drivers of Change	Governance and capacity development								
Sector / Subsector	<b>Agriculture, natural resources and rural development</b> - Water-based natural resources management								
Gender Equity and Mainstreaming	Effective gender mainstreaming								
Description	The overall goal of the Project is to support the Government's poverty reduction effort by increasing sustainable agricultural and fishery production. The project objective is to develop sustainable stakeholder-driven, small-scale water resource management systems with special attention to the poorer section of the population. The objectives will be achieved by (i) developing improved means of beneficiary participation in the selection, design, implementation, and operation and maintenance of smallscale water resource management development systems; (ii) rehabilitating and constructing small-scale water resource management infrastructure with appropriate agricultural extension, fisheries extension, and aquaculture development; (iii) developing effective management of environmental and social impacts of subprojects, including on those engaged in practicing floodplain capture fisheries; and (iv) developing institutional strengthening and capacity building of relevant Government and stakeholder organizations to ensure adequate support for smallscale water resources development at all levels.								
Project Rationale and Linkage to Country/Regional Strategy	Sustainable water resource management is a critical element of the Government's poverty reduction strategy, as 90 per cent of the poor living in rural areas and water resources being the foundation of many traditional rural activities engaged by the poor. Based on the Government's main instrument to have the strategy implemented, the SSWRDSP was launched in 1996 to enhance rural incomes by developing community-based water management associations (WMAs) and communitymanaged, small-scale infrastructure; this has proved to be an effective means to reduce rural poverty. Participatory water resources development and management is necessary to effectively implement key principles by strengthening the implementation framework; this was demonstrated under the SSWRDSP. Expansion of small-scale water resources development is one of the key elements in effectively reducing rural poverty. Consistent with the National Water Policy of Bangladesh and with the water policy of ADB								
Impact	To support the Government's poverty reduction effort by increasing sustainable agricultural and fishery production.								

### Project Outcome

Description of Outcome	Increase agricultural production in subproject areas through sustainable stakeholder-driven, small scale water resource management systems [Taken from the Project Framework]
Progress Toward Outcome	Overall implementation progress is 99%

### Implementation Progress

Description of Project Outputs	Participatory Water Resources Development: Mobilization of Beneficiary Participation Community-Based Infrastructure Development Water Resources-Oriented Support Programs Institutional Strengthening in the Small-Scale Water Resource Sector
Status of Implementation Progress (Outputs, Activities, and Issues)	Implementable subprojects target stood at 300. 100% contribution of O&M fund received for 300 subprojects. WRS completed in 300 subprojects Various water resources oriented support programs were undertaken in the completed subprojects IEE/EIA included in feasibility reports. BME systems established Regular progress meetings held at management level LGED training counterpart has been placed
Geographical Location	Nationwide except for 3 hill districts

## Safeguard Categories

Environment	B
Involuntary Resettlement	
Indigenous Peoples	

## Summary of Environmental and Social Aspects

Environmental Aspects	
Involuntary Resettlement	The Project processed land acquisition for 48 subprojects for a total area of 43.42 ha, but funds were released for 15 subprojects only. Affected land owners in 10 subprojects voluntarily donated their lands at free of cost for the infrastructure sites even after obtaining administrative approval from the Ministry. EA agreed to make land payments to the affected land owners in future projects as these are scarce resources particularly for the vulnerable community who has small parcel of land.
Indigenous Peoples	An indigenous peoples' development plan has been prepared for Boraghat subproject in Mymensingh.

## Stakeholder Communication, Participation, and Consultation

During Project Design	Beneficiaries participated in subproject selection, planning, implementation, and O&M. NGO facilitators were selected taking performance in the first phase of the Project into consideration. The facilitators were trained and fielded in April 2003. Total 2,948 subproject proposals were received from intended beneficiaries.
During Project Implementation	100 percent of beneficiaries fully contributed required annual O&M amounts in each subproject A total of about 3.7 million person-days of local labors were engaged to complete about 9.7 million cubic meters of earthworks for the Project. This activity created employment opportunity for a total of 40,483 LCS members (35,077 male and 5,406 female) over the duration of the Project. An empowerment process was ongoing and women were found to be elected as WMCA chair and treasurer. Women were also representing in the sub-committees and in some WMCAs they were heading the micro-finance (MF) Sub-committee, Fisheries Sub-Committee etc.

## Business Opportunities

Consulting Services	Consulting services will assist project implementation with capacity building and institutional strengthening. Aa total of 962 person-months of consulting services are required, including 824 person-months of domestic and 138 person-months of international consultant inputs. The total cost of the consulting services will be financed by the Government of the Netherlands and the services will be administered by ADB. ADB Management has approved advance procurement of urgently needed consultant services, materials, equipment and vehicles. Shortlisting is scheduled in July 2001.
Procurement	Supplies to be procured under the Project will consist generally of service vehicles, construction equipment, computers and survey and laboratory equipment. All supplies, equipment and services will be purchased in accordance with ADB's Guidelines on Procurement. Civil works contracts for structures will be awarded under local competitive bidding procedures. Earthworks contracts valued at less than \$5,000 will be carried out by LGED's force account utilizing Labor Contracting Societies. Supplies contracts not exceeding \$500,000, will be awarded in accordance with the international shopping procedures. Other miscellaneous equipment and supplies, with each package value below the equivalent of \$100,000, will be procured by direct purchase procedures.

## Responsible Staff

Responsible ADB Officer	Ahmad, Zahir U.
Responsible ADB Department	South Asia Department

Responsible ADB Division

Bangladesh Resident Mission

Executing Agencies

Local Government Engineering Department  
 Mr. Moshir Rahman  
 moshir57@yahoo.com  
 RDEC Bhaban (Level-5)

## Timetable

Concept Clearance	15 May 2002
Fact Finding	17 May 2002 to 19 May 2002
MRM	18 Nov 2002
Approval	12 Jul 2001
Last Review Mission	-
PDS Creation Date	04 Feb 2007
Last PDS Update	19 Jan 2012

## Loan 1831-BAN

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
12 Jul 2001	01 Aug 2001	09 Nov 2001	31 Dec 2009	30 Jun 2010	15 Jun 2010

Financing Plan		Loan Utilization			
	Total (Amount in US\$ million)	Date	ADB	Others	Net Percentage
Project Cost	78.00	Cumulative Contract Awards			
ADB	34.00	12 Jul 2001	31.88	0.00	96%
Counterpart	19.40	Cumulative Disbursements			
Cofinancing	24.60	12 Jul 2001	33.10	0.00	100%

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

Project Page <https://www.adb.org/projects/30209-013/main>

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