

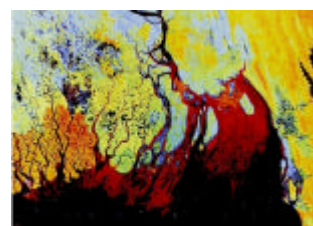
Government of the People's Republic of  
Bangladesh  
Ministry of Water Resources  
Water Resources Planning Organization (WARPO)

**Inventory of Projects & Initiatives  
in the Coastal Zone  
(update)**

Working Paper  
WP006

Dhaka  
November 2002

Program Development Office  
Integrated Coastal Zone Management



**PDO-ICZM**

**Program Development Office  
for  
Integrated Coastal Zone Management  
(PDO-ICZM)**

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Dhaka, November 2002

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## **Inventory of Projects & Initiatives in the Coastal Zone (update)**

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## acronyms

ADB	Asian Development Bank
ASA	Association for Social Advancement
BDT	Bangladesh Taka
BIWTA	Bangladesh Inland Water Transport Authority
BMD	Bangladesh Meteorological Department
BPC	Bangladesh Parjatan Corporation
BRDB	Bangladesh Rural Development Board
BWDB	Bangladesh Water Development Board
CARE	Co-operation for American Relief Everywhere
CCEC	Centre for Coastal Environment Conservation
CDP	Coastal Development Partnership
CDS	Coastal Development Strategy
CEGIS	Centre for Environmental and Geographic Information Services (formerly EGIS)
COAST	Coastal Association for Social Transformation Trust
CODEC	Community Development Centre
COSED	Committee for Social & Environmental Development
DAE	Department of Agriculture Extension
DANIDA	Danish International Development Agency
DFID	Department for International Development
DMB	Disaster Management Bureau
DoE	Department of Environment
DoF	Department of Forest
DoL	Department of Livestock
DoWA	Department of Women Affairs

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DPHE	Department of Public Health Engineering
EGIS	Environment and GIS Support Project for Water Sector Planning (presently CEGIS)
FAO	Food and Agricultural Organization
FD	Forest Department
GEF	Global Environmental Facility
GoB	Government of (the People's Republic of) Bangladesh
ICLARM	International Centre for Living Aquatic Resources Management
IDA	International Development Association
ISDE	Integrated Sustainable Development Effort
IWM	Institute of Water Modelling (formerly SWMC)
LGED	Local Government Engineering Department
LRP	Land Reclamation Project
MCC	Mennonite Central Committee
MMC	Mass-line Media Centre
MoL	Ministry of Land
MPA	Mongla Port Authority
NGO	Non-Governmental Organization
OPEC	Organization of Petroleum Exporting Countries
PDO-ICZM	Program Development Office – Integrated Coastal Zone Management
PMUS	Patuakhali Mahila Unnayan Samity
PRODIPAN	(An Organization for Human Development)
R & H	Roads and Highways Department
RIC	Resource Integration Centre
SARM	Social Advancement for Rural Mass
SPARRSO	Space Research and Remote Sensing Organization
SSDP	Southern Socio-economic Development Program
SWMC	Surface Water Modelling Centre (presently IWM)
WARPO	Water Resources Planning Organization
WRDS	Wetland Resource Development Society





## Introduction

An important output of the PDO-ICZM project is a Priority Investment Program (output 3). The activities of this output include an inventory of projects (activity 3.1). The aim of this inventory is to support the formulation of Investment Concept Papers (ICPs) and corresponding harmonization & co-ordination procedures for their implementation.

## Scope of the report

This inventory deals exclusively with projects in execution or approved for implementation. To prepare this inventory, an overview has been made of the projects and programs of the GoB from the Annual Development Program (ADP) 2001-02 and 2002-03. Fact sheets have been developed on the available information of selected projects of some agencies. Other agencies will be contacted for information of their projects in course of time. With this end in view the information will be updated regularly.

The NGOs working in the coastal area have also been contacted and so far response has been received from 17 NGOs and fact sheets prepared on their activities.

In addition, a database is being built-up on project concepts and proposed projects. This database is still incomplete but available at the PDO-ICZM.

## Structure of the report

The report contains an index map showing the 19 districts of the coastal zone. Overviews of GoB and NGO projects in the coastal zone have been presented in tables 1 and 2, respectively. Fact sheets are included as Appendix A for selected GoB projects (bold & italics in Table 1) and appendix B for all NGO projects of Table 2. District-wise distribution of projects has been incorporated in Table 3 to show the location and concentration of presently ongoing projects in the coastal region. District-wise distribution of GoB and NGO projects is presented in tables 4 and 5, respectively.



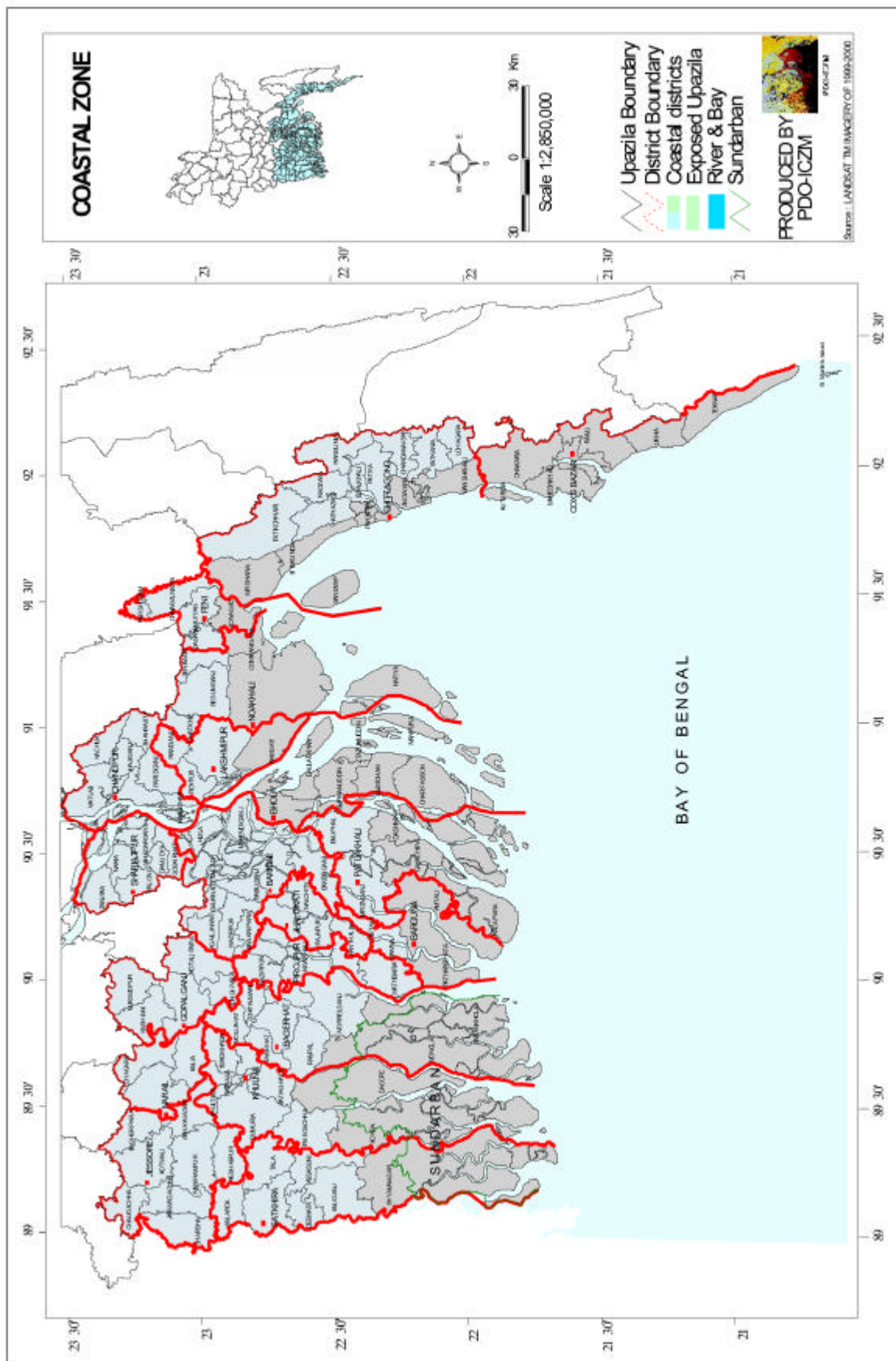


Figure 1: Coastal zone map



**Table 1: Overview – GoB projects**

BDT in Million

SL	Name of agency and project*	Project period	Location (District)	Total cost (project aid)	Sources of project aid
<b>Bangladesh Water Development Board (BWDB) and Water Resource Planning Organisation (WARPO)</b>					
01	<b><i>Coastal Embankment Rehabilitation Project, Phase-2</i></b>	1995-96 2002-03	Cox's Bazar, Chittagong, Feni, Noakhali, Lakshmipur, Patuakhali, Barguna, Bagerhat	4980.30 (3652.70)	IDA, EEC
02	<b><i>Khulna-Jessore Drainage Rehabilitation Project</i></b>	1993-94 2002-03	Jessore, Khulna	2511.80 (1837.70)	ADB
03	Salinity Projection in Nazirpur Area	1994-95 2002-03	Pirojpur, Bagerhat	181.80	
04	Polder-69 Extension	1998-99 2002-03	Cox's Bazar	151.56	
05	Matamuhuri River right Bank Protection (Loop Cut)	1995-96 2002-03	Cox's Bazar	117.60	
06.	Polder-69 Extension	1996-97 2002-03	Patuakhali	175.30	
07	<b><i>Gorai River Restoration Project</i></b>	1996-97 2001-02	Kushtia (with direct impact on coastal southwest region)	3280.85 (1860.20)	IDA, Netherlands, Belgium, Japan
08	Chandpur Town Protection Project, Second Phase	1997-98 2003-04	Chandpur	1099.10	
09	Ramshil-Kafulabari FCD Project	1997-98 2002-03	Barisal, Gopalganj	273.80	
10	Polder 59/2 Extension	1998-99 2002-03	Lakshmipur	99.80	
11	Bhulua River Re-excavation	1998-99 2001-02	Noakhali, Lakshmipur	115.02	
12	<b><i>Noakhali Khal Re-excavation</i></b>	1998-99 2002-03	Noakhali	99.00	
13	Amirpur-Bhanderkot, Baliadanga	1998-99 2002-03	Khulna	190.50	
14	Sureswar Pilot Project	1998-99 2003-04	Shariatpur	591.71	
15	<b><i>Bhola Town Protection</i></b>	1992-93 2003-04	Bhola	331.70	
16	Polder 50/51, Barabaishdia FCD	1998-99 2002-03	Patuakhali	228.00	
17	Kenduar Beel Polder 36/1 Extension	1999-00 2001-02	Khulna	23.46	
18	Protection of Shikalbaha Khal Left Bank	1999-00 2002-03	Chittagong	99.90	
19	Integrated Participatory Sustainable Management Planning Project	1999-00 2003-04	Patuakhali, Barguna, Khulna	870.60	Netherlands
20	Polder 71, Kutubdia	1999-00 2001-02	Cox's Bazar	133.30	
21	<b><i>Char Development and Settlement Project-2</i></b>	1999-00 2003-04	Chittagong, Feni, Noakhali	1367.60 (1033.70)	Netherlands

\* Bold &amp; italic project names refer to projects with a fact sheet in Appendix A

BDT in Million					
SL	Name of agency and project*	Project period	Location (District)	Total cost (project aid)	Sources of project aid
22	Matamuhuri Irrigation Project	2000-01 2002-03	Cox's Bazar, Chittagong	206.20	
23	Re-excavation of Kobadak River	2000-01 2003-04	Jhenaidah, Jessore, Satkhira	261.90	
24	Southwest FDR Project	2000-01 2001-02	Satkhira, Khulna, Jessore, Magura, Jhinaida, Chuadanga, Kushtia	891.00 (712.80)	ADB
25	Chandpur-Comilla Integrated FCDI Project (postponed)	2000-01 2003-04	Chandpur Comilla	1883.80	
26	Halda River Protection at Hathazari (postponed)	2001-02 2003-04	Chittagong	232.76	
27	Polder 64/IA, 64/IB, 64/IC Rehabilitation	2001-02 2003-04	Chittagong	352.09	
28	Re-excavation of Betna River and Branch Channel	2001-02 2002-03	Jessore, Satkhira	203.14	
29	Retired Embankment and Sluice, Polder 56/57	2001-02 2002-03	Patuakhali	125.00	
30	FFW Rural Development Program	2001-02 2003-04	All over	1673.00	WFP
31	<b>Meghna Estuary Study (Phase-2)</b>	1998-99 2001-02	Central and Eastern Coastal Zone	293.09	Netherlands
32	Flood Forecasting and Warning	1999-00 2004-05	All over	267.50 (189.90)	DANIDA
33	<b>National Water Management Plan</b>	1997-98 2001-02	All over Bangladesh	573.60 (435.70)	
34	<b>Integrated Coastal Zone Management</b>	2001-02 2004-05	Coastal Districts	136.60 (122.10)	Netherlands
35	<b>Estuary Development Program</b>	2002-03 2006-07	Coastal Area Lower Meghna	553.00 (484.50)	Netherlands
36	Muhuri-Kahua FCD Project	2002-03 2005-06	Feni	2440.00	
37	Jamuna-Meghna River Erosion Mitigation	2002-03 2005-06		5700.00 (1140.00)	
38	Prevention of Saline Water Intrusion in Kumira-Sonaichhari (Sitakunda) & Gupta- khali Reservior Irrigation Project	2002-03 2004-05	Chittagong	291.90	
39	Constuction/Rehabilitation of 5 sluices in Polder -65 & 5 sluices in Polder-64/B	2002-03 2003-04	Cox's Bazar	100.30	
40	<b>Rehabilitation of Damaged High Risk Polders in Coastal region (72 Polders)</b>	2002-03 2006-07		1602.60 (1282.00)	'without allocation'
<b>Local Government Engineering Department (LGED)</b>					
01	Construction of Low Cost Bridge/ Culvert on Rural road	1995-96 2002-03		2500.00	
02	Rural Infrastructure Development Project (Development of Important Roads and Markets)	1995-96 2002-03		2592.90	
03	Rural Development Project-19: (Infrastructure of Greater	1997-98 2003-04	Barisal, Jhalokati, Pirojpur	1653.10 (485.00)	OPEC

BDT in Million					
SL	Name of agency and project*	Project period	Location (District)	Total cost (project aid)	Sources of project aid
	Barisal District)				
04	<b>Rural Development Project -22: Infrastructure of Noakhali District.</b>	1998-99 2002-03	Noakhali	870.66 (561.00)	IDB
05	Construction of Steel Bridge Project under ORET Program of Netherlands	1998-99 2001-02		1872.20 (650.00)	Netherlands
06	Union Parishad Connecting Road Development Project: Patuakhali and Barguna District.	1999-00 2001-02	Patuakhali, Barguna	707.90	
07	Construction of Multi-purpose Cyclone Shelter Centre under Japanese Assistance	1998-99 2002-03	Coastal districts	1267.10 (993.00)	JICA
08	<b>Rural Development Project -16: Infrastructure of Patuakhali and Barguna District</b>	1999-00 2003-04	Patuakhali, Barguna	1078.00 (1008.40)	DANIDA
09	Flood Rehabilitation Project in the Area of Rural Development Project-18 (Greater Khulna, Jessore and Kushtia District)	2000-01 2002-03	Khulna, Satkhira, Bagerhat	670.00 (539.00)	ADB
10	<b>Small Scale Water Resources Development Sector Project at Thana and Union Level</b>	1995-96 2001-02		2714.60 (2034.40)	ADB, IFAD Netherlands
11	Construction of Low Cost Bridge/ Culvert in Rural Road (2nd phase)	2000-01 2003-04		4023.20	
12	Infrastructure Development Project of Greater Khulna District	2000-01 2003-04	Khulna, Satkhira, Bagerhat	750.00	
13	Rural Development Project -23: Infrastructure of Lakshmipur and Feni District	2000-01 2004-05	Lakshmipur, Feni	590.00 (532.00)	DANIDA
14	Rural Development Project (Development of Road, Bridge/Culvert, Growth Centre/Market etc)	2000-01 2002-03		5000.00	
15	Construction/Reconstruction of Rural Road, Bridge and Culvert Project on Priority Basis	2001-02 2002-03		5980.00	
16	<b>Cyclone Rehabilitation Project: Entire Coastal Area (2nd phase)</b>	2001-02 2005-06	Coastal districts	1800.00 (1350.00)	OPEC
17	Second Small Scale Water Resources Development Sector Project	2001-02 2007-08		4141.80 (3190.80)	ADB Netherlands Japan
18	Rural Development Project in Greater Noakhali & Chittagong	2001-02 2004-05	Feni, Lakshmipur, Noakhali, Chittagong, Cox's Bazar	3460.00	
19	Construction of portable bridge Project under Japanese Assistance	1990-00 2002-03		1800.00 (846.36)	Japan
20	FDR Project in Completed Rural Development Project – 18	2000-01 2002-03	SW Region	670.00 (539.00)	ADB

BDT in Million					
SL	Name of agency and project*	Project period	Location (District)	Total cost (project aid)	Sources of project aid
<b>Forest Department (FD)</b>					
01	Forest Resources Management Project	1992-93		2347.10	IDA
02	<i>Coastal Green Belt Project</i>	1995-96 2001-02	Coastal Districts	1300.08	ADB
03	Afforestation (Jhao Plantation) in Cox's Bazar Sea Beach Area.	1997-98 2002-03	Cox's Bazar	4.18	
04	<i>Forestry Sector Project</i>	1997-98 2003-04		3889.16 (2015.21)	ADB
05	Development of Bamboo, Cane and Murta	1998-99 2002-03		295.29	
06	<i>Biodiversity Conservation in the Sundarban Reserve Forest.</i>	1999-00 2004-05	Satkhira, Khulna, Bagerhat	3970.63 (3211.99)	ADB
07	Establishment of Botanical Garden and Echo-Park at Sitakunda, Chittagong.	1999-00 2003-04	Chittagong	35.70	
08	Maheshkhali Hill Afforestation Project	2000-01 2004-05	Cox's Bazar	444.10	
<b>Department of Environment (DoE) &amp; MoEF</b>					
01	Bangladesh Environment & Management Project (Study)	1999-00 2003-04		391.20 (371.55)	CIDA
02	Institutional Strengthening for the Phase out of Ozone Depleting Substance (Study)	1999-00 2001-02		5.75	MLF
03	Preparation of Initial National Communication in Response to the UN Framework Convention of Climate Change (Study)	1999-00 2001-02		13.54	GEF, UK
04	Country Case Study on Climate Change Impacts and Adaptation Assessment In Bangladesh (Study)	2000-01 2001-02		12.09 (11.61)	UNEP
05	Conservation of Bio-diversity, Establishment of Marine Park and Development of Echo-tourism at St. Martin Island.	2000-01 2004-05	Cox's Bazar	130.04	
06	National Conservation Strategy Implementation Project, Phase - I (Study)	1994-95 2001-02		85.88	IUCN NORAD
07	Sustainable Environment Management Program (Study)	1998-99 2001-02		1194.94 (1153.04)	UNDP
08	Sustainable Environment Management Program (Study)	1998-99 2001-02		1194.94 (1153.04)	UNDP
	Bio-diversity Strategic Action plan	2001-02		18.73	UNDP, GEF
<b>Department of Fisheries (DoF)</b>					
01	<i>Patuakhali and Barguna Aquaculture Extension Project</i>	1994-95 2003-04	Patuakhali, Barguna	318.05 (308.69)	DANIDA
02	<i>Greater Noakhali Aquaculture Extension Project</i>	1994-95 2003-04	Noakhali, Feni, Lakshmipur	358.13 (341.13)	DANIDA
03	Coastal Marine Fishery Management Strengthening Project	1997-98 2001-02	Coastal Districts	70.42	



BDT in Million					
SL	Name of agency and project*	Project period	Location (District)	Total cost (project aid)	Sources of project aid
04	Shrimp (Galda) Hatchery Development and Culture Technology Assistance Project	1998-99 2002-03		50.00	
05	Shrimp (Bagda) Culture Technology Extension Project	1997-98 2003-2004		85.28	
06	<b>Fourth Fisheries Project</b>	1993-94 2003-04		3003.50 (2395.90)	WB
07	Aquaculture Development Project (IFAD)	1998-99 2004-05		1093.40 (974.81)	IFAD, WFP
08	<b>Poverty Alleviation through Integrated Fisheries Program</b>	1999-00 2003-04		293.21	
09	Jhatka (juvenile hilsa) Conservation and Management Project	2000-01 2002-03		514.64	
10	Shrimp Cultivation Improvement Program (Study)	1999-00 2002-03		78.10 (75.10)	France
11	<b>Empowerment of Coastal Fishing Community for Livelihood Security (Study)</b>	2000-01 2003-04		316.47 (295.62)	UNDP FAO
12	Community Based Fisheries Development Project (Study)	2001-02 2005-06		41.96 (35.96)	DFID
13	BMRD of Fish Processing and Marketing Center of Chittagong Fish Port and Cox's Bazar Centre	2000-01 2001-02		62.50	
14	Marine Fisheries Survey, Research and Development Project			191.23	'without allocation'
<b>Department of Agriculture Extension (DAE)</b>					
01	Bangladesh-Canada Farm to Market Enterprise Development Project	1999-00 2001-02		407.20	
02	Gopalganj, Shariatpur, Madaripur and Pirojpur Integrated Area Development Project	2000-01 2000-05	Gopalganj, Shariatpur, Pirojpur	754.10 (456.50)	IDB
03	Barisal, Patuakhali, Jhalokati and Barguna Small Holder Support Project	2000-01 2004-05	Barisal, Patuakhali, Jhalokati, Barguna	763.50 (476.40)	IDB
04	National Small Irrigation Development Project	1991-92 2004-05		3197.20	
05	<b>Agricultural Services Innovation and Reform Project</b>	1999-00 2001-02	Whole Bangladesh		IDA, DFID, FAO
06	Agriculture Based Industry Trade and Technology Development Project – II	2000-01 2005-06		1848.8 (497.30)	USAID
07	Integrated Soil Fertility and Fertilizer Management Project (2nd part)	1999-00 2003-04		445.51 (341.52)	DANIDA
08	Strengthening of Plant Protection Program Project (Phase - II)	2002-03 2004-05		349.29 (297.66)	DANIDA
09	Multipurpose Socio-economic Development Project in Flood			895.90 (589.80)	'without allocation'

BDT in Million					
SL	Name of agency and project*	Project period	Location (District)	Total cost (project aid)	Sources of project aid
	and Cyclone prone area				
<b>Department of Livestock (DoL)</b>					
01	ADB Assisted Participatory Livestock Development Project	1997-98 2002-03		1519.63 (1203.55)	ADB DANIDA
02	Livestock Development Project for Marginal Farmers in 5 Southern Districts	1999-00 2004-05		537.49 (465.97)	DANIDA
03	Poverty Alleviation Project through Self Employment under Livestock Development Program	2000-01 2004-05		250.00	
<b>Bangladesh Rural Development Board (BRDB)</b>					
01	Social Empowerment-2 (Poverty Alleviation through Participation of Local People in Development Works)	1998-99 2002-03		111.08 (104.15)	UNDP
02	Rural Livelihood Project	1998-99 2003-04		3450.00 (2000.69)	ADB
03	Self Employment Project for Poor Women	1998-99 2002-03		100.00	
04	Rural Develop-5: Production Oriented Employment Project (3 <sup>rd</sup> Phase)	1996-97 2001-02		887.93 (646.01)	SIDA
05	Char Livelihood Project	2002-03 2007-08		2840.00	DFID
<b>Department of Public Health Engineering (DPHE)</b>					
01	Water Supply Project in Coastal Area	1998-99 2002-03		615.29 (528.51)	IDB
02	Water Supply and Sanitation Project 9 District Towns	1993-94 2001-02		1422.95	ADB
03	Rural Water Supply Project in the whole Country	1995-96 2004-05		8600.00	
04	Rural Sanitation Project	1996-97 2001-02		1996.00	
05	<i>Water Supply, Sanitation, Drainage and Waste Disposal Project in Municipality, Thana and Growth Centre (Noakhali, Feni, Lakshmipur, Patuakhali and Barguna districts)</i>	1996-97 2006-07	Noakhali, Feni, Lakshmipur, Patuakhali, Barguna	2529.70 (2106.80)	DANIDA
06	Sewage Disposal, Health Improvement and Water Supply Project in Rural Area	1996-97 2004-05		3803.48 (2222.27)	UNICEF
07	Arsenic Mitigation Water Supply Project in Bangladesh	1998-99 2001-02		1762.50 (1482.50)	IDA , SDC
08	Water Supply and Environmental Sanitation Project in Mongla Municipality	1998-99 2003-04		190.00	
09	Rural Water Supply and Sanitation Project in Coastal Area (DANIDA Assisted)	1999-00 2004-05		1265.90 (821.69)	DANIDA
10	GOB-DANIDA Arsenic Mitigation Project	2001-02		669.43 (433.08)	DANIDA

BDT in Million					
SL	Name of agency and project*	Project period	Location (District)	Total cost (project aid)	Sources of project aid
<b>Roads and Highways Department (R &amp; H)</b>					
01	Ilisha – Bhola-Char Fassion Charmanika regional Highway construction	1991-92 2002-03	Bhola	662.80	
02	Road and Bridge Construction Project of Public Imp ortance	1994-95 2002-03		15403.24	
03	Barisal – Bhola – Lakshmipur Road Construction	1994-95 2002-03	Barisal, Bhola, Lakshmipur	726.38	
04	Construction of 36 Feeder Road in Southwest Region	1998-99 2002-03		2676.20	
05	Construction of Shikarpur and Dwaika Bridge in Faridpur-Barisal Highway	1998-99 2002-03	Barisal	1127.60 (929.80)	Kuwait
06	Important Road Rehabilitation in Patuakhali and Barguna districts	1999-00 2003-04	Patuakhali, Barguna	1155.53 (970.03)	Denmark
07	Construction of Darhatana Bridge in Khulna-Bagerhat-Pirojpur Highway	1998-99 2002-03	Bagerhat, Pirojpur	333.09	
08	Construction of Cox's Bazar – Teknaf Marine .....	1998-99 2002-03	Cox's Bazar	1485.06	
09	Construction of Patuakhali Bridge	1999-00 2002-03	Patuakhali	336.30	
10	Southwest Road Network Development Project	1999-00 2003-04		10861.53 (6518.40)	ADB
11	Construction of Rupsa Bridge, Khulna bypass including connecting road to Rupsa Bridge	2000-01 2004-05	Khulna	5820.91 (4220.00)	DRGA, Japan
12	Construction of Batiaghata Bridge over Shailmari river at 7 km of Gallamaria Dacope Road		Khulna	184.75	
13	Construction and rehabilitation of some Identified Ferry and Pontoon in Patuakhali and Barguna Districts		Patuakhali, Barguna	340.63 (282.88)	DANIDA
14	Construction of Dapdapia Bridge		Barisal	2327.40 (1755.00)	Kuwait
15	Construction of Sibsa Bridge Koyra Bridge over Sibsa River in Betgram-Paikgachha River		Khulna	250.90	
16	Widening of Betgram-Tala-Paikgachha-Koyra Road		Khulna	250.90	
17	Development of Signboard-Morelganj-Rayenda-Sharankhola Road		Bagerhat	429.50	
18	Improvement of Feni-Parshuram-Belonia Road to Regional Highway		Feni	1806.10	
19	Improvement of Hajiganj-Ramganj-Laxmipur- Road to Regional Highway		Laxmipur	20.00	
20	Construction of Bekotia Bridge over Kacha River in Barisal-Jhalkati-Perojpur-Bagerhat Highway		Perojpur	750.00	

BDT in Million					
SL	Name of agency and project*	Project period	Location (District)	Total cost (project aid)	Sources of project aid
21	Sharshina-Swarupkati-Kaukhali Road		Jhalokati	325.00	
22	Improvement of Patia -Anwara-Banshkhali-Pekua-Badarkhali-Chakaria Road to Regional Highway		Chittagong, Cox's Bazar	1625.60	
23	Improvement of Chakaria-Badarkhali-Janata Bazar-Gorakghata road into Regional Highway		Cox's Bazar	684.88	
24	Construction of some Important Feeder Road of Greater Noakhali District		Noakhali	3688.15	
25	Improvement of Lakshmipur-Char Alexander-Sonapur-Maijdi Road into Regional Highway		Noakhali, Lakshmipur	866.14	
<b>Bangladesh Parjatan Corporation (BPC)</b>					
01	Establishment of a Tourism Centre at Kaira Thana Area of Khulna District	2001-02 2001-02		5.20	
<b>Disaster Management Bureau (DMB)</b>					
01	Child Malnutrition Alleviation/Prevention Project in River Erosion Area	2000-01 2001-02		99.50	
02	Disaster Shelter Project in Southwest Region of Bangladesh			50.00	
<b>Bangladesh Inland Water Transport Authority (BIWTA)</b>					
01	Construction of Ferry Terminal and Ferryghat at Harinaghat and Alubazar to Provide Ferry Service Between Chandpur-Shariatpur	1999-00 2003-04	Chandpur and Shariatpur	57.37	
02	Construction of Water Craft Landing Facility along with Ghat in three Coastal Upazila-1st phase (Teknaf, Sandwip and Manpura) - Feasibility Study	2001-02		3.00	
<b>Bangladesh Inland Water Transport Corporation (BIWTC)</b>					
01	Procurement of 4 passenger sea-truck for communication in coastal area and islands of the country			56.00	'without allocation'
<b>Bangladesh Meteorological Department (BMD)</b>					
01	Shifting and Reconstruction of Class-I Meteorological Observatory of Sandwip	1999-00 2001-02		3.84	
02	Development of Agro-Meteorological and Seismological Services	1999-00 2002-03		181.70	
03	Meteorological Observatory Radar Replacement at Cox's Bazar & Khepupara		Cox's Bazar, Patuakhali	926.90 (690.00)	

BDT in Million					
SL	Name of agency and project*	Project period	Location (District)	Total cost (project aid)	Sources of project aid
<b>SPARRSO</b>					
01	Observation Procedure for Environment Disaster and Resources	1998-99 2004-05		1566.86	
<b>Department of Women Affairs (DoWA)</b>					
01	Development of Food-Insecured Destitute Women	1998-99 2002-03		909.13 (399.36)	WFP
02	Multi-Sectoral Project to Prevent Women Oppression	2000-01 2001-02		59.70 (54.84)	DANIDA
03	Women Agriculture Training Institute, Bagerhat	2000-01 2002-03		50.70	
04	Employment Generation Project for Rural Women (2nd phase)	1999-00 2003-04		27.73	
05	Empowerment and Protection of Children and Women (EPCW)	2001-02 2005-06		338.46 (327.78)	UNICEF
06	Strengthening of Field Supervision Capacity of Women Affair Department			278.75 (223.00)	'without allocation'
<b>Ministry of Land (MoL)</b>					
01	Preparation of Re-settlement Policy Guidelines (Study)	1999-00 2001-02		7.34	IDA, WB
<b>Mongla Port Authority (MPA)</b>					
01	Oil Spill Impact and Response Program (Study)	2000-01 2001-02		61.88	ADB



**Table 2: Overview – NGO projects**

BDT in Million

SL	Name of agency and project*	project period	Location (District)	Total cost (project aid)	Sources of project aid
<b>COAST</b>					
01	Development of Sustainable Aquaculture Project (DSAP)	2001-02 2004-05	Bhola	0.83	USAID
02	Nutrition, Income and Food Security (NIFS)	1998-99 2004-05	Bhola, Chittagong, Cox's Bazar	1.97	Norway
03	Promoting Good Governance through Interactive peoples Organization	2000-01 2004-05	Bhola, Cox's Bazar	2.53	Norway
04	Self Sustained Embankment Maintenance Group and Union Parishad (SSEMP)	199-97 2004-05	Bhola		ADB
<b>Centre For Coastal Environment Conservation (CCEC)</b>					
01	Sundarban Conservation through Crab Fattening	2001-02 2002-03	Khulna		Japan
<b>PRODIPAN</b>					
01	Save our Sundarbans (SOS)	1998-99 2003-2004	Khulna, Bagerhat		CAFOD, Bread for World
<b>CODEC</b>					
01	Socio economic Development of the Coastal and Riverine Fisherfolk Communities, Phase III	1996-97 2000-01	Chittagong, Lakshmipur, Patuakhali, Barguna	35.45	DANIDA
02	Community Development Centre	1996-97 2000-01	Chittagong, Lakshmipur, Patuakhali, Barguna	48.20	DANIDA
<b>Patuakhali Mahila Unnayan Samity (PMUS)</b>					
01	CERP, Housing, Fish Culture Micro-credit, Child literacy, Sewing, Thonga Making, Cage Culture, Prostitute Rehabilitation and Green Belt	1990-91	Patuakhali	1.04	World Bank DANIDA
<b>Wetland Resource Development Society (WRDS)</b>					
01	A study on soil less cultivation of vegetables and seedlings in the Wetland areas of southwest region of Bangladesh for Dissemination	1999-00 2000-01	Gopalganj, Barisal, Bagerhat, Khulna	0.24	
02	Demonstration of Hydroponics in Wetland and Water logged area for scaling up to the whole southwest region of Bangladesh.	2000-01 2003-04	Gopalganj, Barisal, Bagerhat, Khulna	1.30	Prip Trust
<b>Committee for Social &amp; Environmental Development (COSED)</b>					
01	Assessment of Environmental Degradation due to Ship Breaking Activities and to Suggest Sustainable Coastal	2000-01 2001-02	Chittagong	1.00	

\* Fact sheets of all these NGO projects are included in Appendix B

BDT in Million					
SL	Name of agency and project*	project period	Location (District)	Total cost (project aid)	Sources of project aid
	Zone Manageemnt at Fauzdarhat Coast				
02	Pollution Potentials of the Industrial Wastes on the Ecology of the Karnafuli River	1999-00 2001-02	Chittagong	1.50	
<b>Social Advancement for Rural Mass (SARM)</b>					
01	Integrated Community Development Program (ICDP)	1995-96 2000-01	Pirojpur, Jhalokati, Barguna, Barisal	0.07	Germany USA
<b>CARE International Bangladesh</b>					
01	Livelihood Monitoring Project (LMP)	1999-00 2004-05	Cox's Bazar		DEID
02	Strengthening Household Access to Bari Gardening Extension (SHABGE-DFID)	1999-00 2006-07	Cox's Bazar Chittagong		DFID
03	Local Initiative for Farmers Training (LIFT)	1998-99 2004-05	Noakhali, Feni, Lakshmipur		DANIDA
<b>Mennonite Central Committee (MCC)</b>					
01	MCC Agriculture Program		Noakhali, Feni, Lakshmipur		
<b>Association for Social advancement (ASA)</b>					
01	Poverty Alleviation Program in Greater Noakhali District	1998-99 2002-03	Noakhali, Feni, Lakshmipur		DANIDA
<b>Mass-line Media Centre (MMC)</b>					
01	Support to Mass – line Media Centre	2000-01 2002-03	Noakhali, Lakshmipur, Feni, Patuakhali, Barguna, Barisal, Bhola, Jhalokati, Pirojpur		DANIDA
<b>CARITAS</b>					
01	Sustainable Resources Management in Brackish Water Areas	1998-99 2003-04	Satkhira		
<b>Resource Integration Centre (RIC)</b>					
01	RIC Moheskhali Project		Cox's Bazar		Aus-Aid CARE-DFID
<b>Southern Socio economic Development Program (SSDP)</b>					
01	DPHE- Danida Coastal Belt Rural Water Supply and Sanitation Component (CBRWSSC)	1999-00 2004-05	Patuakhali, Barguna		DANIDA
<b>Coastal Development Partnership (CDP)</b>					
01	To support the appropriate development for southwest coastal region	2001-02 2001-02	Khulna, Satkhira, Bagerhat, Jessore, Narail	0.29	CARE Golda Project
02	Rice diversity and production in the Southwest of Bangladesh: Using diversity and local knowledge to create sustainable livelihoods in the Coastal area	2001-02 2003-04	Khulna, Satkhira, Bagerhat, Jessore	0.91	DFID



BDT in Million					
SL	Name of agency and project*	project period	Location (District)	Total cost (project aid)	Sources of project aid
	of Bangladesh.				
03	Capacity Building of the NGO's on Option for the Ganges flood plain area.	2000-01	Khulna, Satkhira, Bagerhat, Jessore, Narail	1.25	PRIP Trust
04	Advocacy for Conservation of Bio-diversity in the Sundarbans Reserved Forest of Bangladesh.	2001-02 2004-05	Khulna, Satkhira, Bagerhat	0.17	GGF
<b>Integrated Social Development Effort (ISDE)</b>					
01	Coastal Embankment Maintenance Program	1997-98 2002-03	Cox's Bazar Chittagong		WFP
02	Women Employment Generation through Micro Credit Program	1993-97	Cox's Bazar Chittagong		UK, Thailand
03	Safe Drinking Water Supply and Sanitation Program	1990-92	Cox's Bazar Chittagong		DANIDA, CAFOD
04	Integrated Primary Health Care Program	1994-95 2003-04	Cox's Bazar		UK, EEC
05	ISDE-CARE-SHABGE-DFID Partnership Program	2000-01 2006-07	Cox's Bazar		CARE, DFID
06	NGO Networking & Partnership Program				



**Table 3: District-wise GoB & NGO project list**

Administrative area/Zila	Project number
Whole of Bangladesh	BWDB 30, 32, & 33; LGED 01, 02, 05, 10, 11, 14, 15, 17 & 19; FD 01 & 04; DoE 01, 02, 03, 04, 06 & 07; DoF 06, 07 & 12; DAE 01, 04, 05, 06, 07 & 08; DoL 01, 03; BRDB 01 & 02, DPHE 03, 04, 06 & 07; R&H 02; DMB 01; BMD 02; SPARRSO 01; DoWa 01, 02, 04 & 05; MoL 01
Bagerhat	BWDB 01*, BWDB 03, LGED 09, LGED 12, FD 06, R&H 07, R&H 17 <i>PRODIPAN 1#, WRDS 1, WRDS 2, COSED 3, COSED 4, CDP 01, CDP 02, CDP 03, CDP 04</i>
Barguna	BWDB 01, BWDB 19, LGED 06, LGED 08, DoF 01, DAE 03, DPHE 05, R&H 06, R&H 13, <i>CODEC 1, CODEC 2, SARM 01, MMC01, SSDP01,</i>
Barisal	BWDB 09, LGED 03, DAE 03, R&H 03, R&H 05, R&H 14 <i>WRDS 1, WRDS 2, SARM 01, MMC01,</i>
Bhola	BWDB 15, R&H 01, R&H 03 <i>COAST 1, COAST 2, COAST 3, COAST 4, MMC01,</i>
Chandpur	BWDB 08, BWDB 25, BIWTA 01
Chittagong	BWDB 01, BWDB 18, BWDB 21, BWDB 22, BWDB 26, BWDB 27, BWDB 38, LGED 18, FD 07, DoF 13, R&H 22 <i>COAST 2, CODEC 1, CODEC 2, COSED 1, COSED 2, CARE 02, ISDE 1, ISDE 2, ISDE 3,</i>
Cox's Bazar	BWDB 01, BWDB 04, BWDB 05, BWDB 20, BWDB 22, BWDB 39, LGED 18, FD 03, DoE 05, DoF 13, R&H 08, R&H 22, R&H 23, BMD 03 <i>COAST 2, COAST 3, ISDE 1, ISDE 2, ISDE 3, ISDE 4, ISDE 5, CARE 01, CARE 02, RIC 01,</i>
Feni	BWDB 01, BWDB 21, BWDB 36, LGED 13, LGED 18, DoF 02, DPHE 05, R&H 18, <i>CARE 03, MCC 01, ASA 01, MMC01,</i>
Gopalganj	BWDB 09, DAE 02 <i>WRDS 1, WRDS 2</i>
Jessore	BWDB 02, BWDB 23, BWDB 24, BWDB 28 <i>COSED 3 CDP 01, CDP 02, CDP 03,</i>
Jhalokati	LGED 03, DAE 03, R&H 21 <i>SARM 01, MMC01,</i>
Khulna	BWDB 02, BWDB 13, BWDB 17, BWDB 19, LGED 09, LGED 12, FD 06, R&H 11, R&H 12, R&H 15, R&H 16, MPA 01 <i>CCEC 1, PRODIPAN 1, WRDS 1, WRDS 2, CDP 01, CDP 02, CDP 03, CDP 04</i>
Lakshmipur	BWDB 01, BWDB 10, BWDB 11, LGED 13, LGED 18, DoF 02, DPHE 05, R&H 03, R&H 19, R&H 25, <i>CODEC 1, CODEC 2, CARE 03, MCC 01, ASA 01, MMC01,</i>
Narail	<i>CDP03</i>
Noakhali	BWDB 01, BWDB 11, BWDB 12, LGED 21, LGED 04, LGED 18, DoF 02, DPHE 05, R&H 24, R&H 25 <i>CARE 03, MCC 01, ASA 01, MMC01,</i>
Patuakhali	BWDB 01, BWDB 06, BWDB 16, BWDB 19, BWDB 29, LGED 06, LGED 08, DoF 01, DAE 03, DPHE 05, R&H 06, R&H 09, R&H 13, BMD 03 <i>CODEC 1, CODEC 2, PMUS 1, MMC01, SSDP01,</i>
Pirojpur	BWDB 03, LGED 03, DAE 02, R&H 07, R&H 20 <i>SARM 01, MMC01,</i>
Satkhira	BWDB 23, BWDB 24, BWDB 28, LGED 09, LGED 12, FD 06 <i>COSED 3, COSED 4, CARITAS 01, CDP 01, CDP 02, CDP 03, CDP 04</i>
Shariatpur	BWDB 14, DAE 02, BIWTA 01

\* Agency and number indicate projects described in tables 1 and 2

# NGO activities are in italics



**Table 4: District-wise distribution of GoB projects**

(each \* indicates one project)

Administrative area/Zilla	Agencies																	
	BWDB	LGED	FD	DoE	DoF	DAE	DoL	BRDB	DPHE	R & H	BPC	DMB	BIWTA	DMD	SPARRSO	DoWA	MoL	MPA
Barguna	**	****	*		**	*	*		**	**		*						
Barisal	*	**				*			*	***		*						
Bhola	**	**	*		*		*			**		*	*					
Jhalokati		*				*			*	*		*						
Patuakhali	*** **	****	*		**	*	*		**	***		*		*				
Pirojpur	*	****	*		*	*			*	**		*						
Chandpur	**												*					
Chittagong	*** ***	***	**		*					*			*	*				
Cox's Bazar	*** ***	***	***	*	*					***			*	*				
Feni	***	***	*		*		*		**	*								
Lakshmipur	***	***	*		**				**	***								
Noakhali	*** **	***	*		**		*		**	**								
Gopalganj	*					*												
Shariatpur	*					*							*					
Bagerhat	**	**	*		*					**		*				*		*
Jessore	***	*										*						
Khulna	*** **	**	*		*					***	*	*						
Narail												*						
Satkhira	***	**	*		*							*						

Note: There are 7 ongoing studies by DoE which are generally applicable for the whole country. Besides some other agencies i.e. DoF, DAE, DoL, BRDB, DPHE, SPARRSO, DoWA, MoL have projects covering the whole country in general.



**Table 5: District-wise distribution of NGO projects**

(each \* indicates one project)

Administrative area/Zila	Agencies													
	COAST	CCEC	PRODIPAN	CODEC	PMUS	WRDS	COSED	SARM	CARE	MCC	ASA	MMC	CARITAS	RIC
Barguna				**				*				*		
Barisal						**		*				*		
Bhola	****											*		
Jhalokati								*				*		
Patuakhali				**	*							*		*
Pirojpur						**		*				*		
Chandpur														
Chittagong	*			**			**		*					
Cox's Bazar	**								**					*
Feni									*	*	*	*		
Lakshmipur				**					*	*	*	*		
Noakhali	*								*	*	*	*		
Gopalganj						**								
Shariatpur														
Bagerhat			*			**								
Jessore														
Khulna		*	*			**								
Narail														
Satkhira													*	





## Appendix a: Fact SheetS of GoB Projects

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## Bangladesh Water Development Board (BWDB)

BWDB - 01

<b>Title</b> <b>Coastal Embankment Rehabilitation Project – II (CERP – II)</b>		<b>Status</b> On-going
<b>Location</b>  The project covers the coastal districts of Cox’s Bazar,Chittagong,Feni,Noakhali,Lakshmipur, Patuakhali, Barguna and Bagerhat district.Area: 84395 ha.		
<b>Implementing Agency</b>  BWDB		
<b>Executing Organisation</b>  CEC, Jacko Pouro Consulting O.Y., DHV Consultants B. V. Mott Macdonalds, House of Consultants Ltd. and Desh Upodesh Ltd.		
<b>Funding Agency</b> IDA, CEC and Bangladesh Government		<b>Funds Allocated (optional)</b> 4980.30 (PA-3652.70)
<b>Start Date</b> 1995-96		<b>(Expected) Completion Date</b> 2002-03
<b>Contact Person with detailed address, telephone &amp; others</b> Mr. Md. Saeedur Rahman Project Director Elite House (8 <sup>th</sup> floor), 54 Motijheel C/A, Dhaka 1000, Bangladesh Tel – 880-2-9565420  Consultants main office Golden House, 4 Ispahani Road, South Khulshi, Chittagong 4000 Tel – 88-031-617714  Liaison office Road – 16, House – 58, Block – A, Banani, Dhaka Tel.: 880-2-882964		
<b>General Objective</b> The project will emphasize the poorest people specially who fell victim of cyclones and tidal surges. Its main objective is to bring back the natural environment (e.g., mangrove forest). That will help in land stabilization and increase the productivity of the agricultural land and increase the fisheries resources.  Polder rehabilitation work and afforestation will be done simultaneously to protect the embankment from tidal surge.Afforestation will done through NGOs by people’s participation.  Those, who will plant tree on the embankment, will get habitable land inside the embankment.  Mangrove species will be raised in the coasts, which will not only protect the embankment but also create favorable environment for developing valuable fisheries resources including marine animals.		
<b>Specific Objectives</b>  Engineering Rehabilitation of coastal embankment Rehabilitation of inland embankment, drainage canal and sluice gate Improved operation and infrastructure maintenance Afforestation Create tree cover in the slope of embankment. Coastal afforestation Society and environment Sanctioning appropriate fund for the economic development of the people of the project area. Analysis of measures for reducing adverse impact on the environment specially fisheries resources and making recommendations		
<b>Activities Performed</b> Rehabilitation of embankment 116.0 km,protection work 9.5 km,sluices 40 no,afforestation in embankment &foreshore area (about 50% of 3157ha.)		

**On-going Activities**

Rehabilitation of embankment 3.5 km, protection work 0.12km, sluice 1 and afforestation in embankment slope and foreshore area.

**Brief Description of findings/results****Technical Reports Prepared**

Feasibility Study Polder 61/1 Sitakunda Vol – 1: Main Report, Vol – Annexes (Map data, EIA, Agriculture & Fisheries, Engineering, Economic feasibility ) Jaako Poyry Consulting Oy. and other associated Consulting Firms. March, 2000

Preparation Report For the Proposed Coastal Zone Water Management Programme

Vol – 1 : Main Report

Vol – 2 : Supporting Annexes

Vol – 3 : Background Annexes

Vol – 4 : PIMS (Project Information Monitoring System)

Vol – 5 : Drawings

Vol – 6 : Designs

By Jaako Poyry Consulting Oy. , DHV, Mott MacDonald – Dec, 2000

**Technical Report**

TR No. 1 Preliminary Environmental Guidelines – Nov. 1999

TR No. 2 Preliminary Screening of 21 CERP-2 Polders – Nov. 1999

TR No. 3

TR No. 4 Interim Report on the CES Development Plan – March 2000

TR No. 5 Survey datum & Vertical Control in the Coastal Zone – July 2000

TR Agricultural Development – Nov. 1998

Interim Guidelines for Afforestation – May, 1997

Guidelines for O&M Planning and Budgeting – Aug, 2001

Status Date : June, 2002

Sector: Safety and Area Development

## BWDB - 02

<b>Title</b> <b>Khulna-Jessore Drainage Rehabilitation Project (KJDRP)</b>		<b>Status</b> On-going
<b>Location</b> Manirampur, Keshabpur & Abhoynagar UZ of Jessore district and Dumuria & Phultala UZ of Khulna district. Area: 100,600 ha.		
<b>Implementing Agency</b> Bangladesh Water Development Board (BWDB) Department of Agricultural Extension (DAE) Department of Fisheries (DoF)		
<b>Executing Organisation</b> ARCADIS-Euroconsult, SMEC International EGIS		
<b>Funding Agency</b> Asian Development Bank (ADB)	<b>Funds Allocated (optional)</b> Tk.2511.80 (PA-1837.7o)	
<b>Start Date</b> November 1995	<b>(Expected) Completion Date</b> December, 2002	
<b>Contact Person with detailed address, telephone &amp; others</b> Superintending Engineer, Jessore O&M Circle, BWDB, Khulna. Phone:041-763514		
<b>General Objective</b> The principal objective – Environmental improvement poverty reduction by reducing drainage congestion and increased agricultural production and creation of on-farm employment Through Tidal River Management.		
<b>Specific Objectives</b> <ul style="list-style-type: none"><li>• mobilizing beneficiary participation in design, implementation and subsequent O&amp;M of the project facilities;</li><li>• rehabilitating the existing drainage infrastructure to reduce drainage congestion and protect the project area from tidal and seasonal flooding;</li><li>• providing support for the expansion of agricultural extension services that will be necessary; and</li><li>• improving management of fisheries in polder areas.</li></ul>		
<b>Activities Performed</b> River dredging-28 km,Drainage channel-404 kmClosure-1 no. Embankment-24.5 km, Hydraulic structure-7 no. Rehabilitation of hydraulic structure-8 no. Outlet structure-12 no. Tidal basin perimeter - 9.5 kmCulvert/bridge-24 no.		
<b>On-going Activities</b> Remaining works of the project are scheduled to be completed by December,2002: River dredging-2 km,Drainage channel-150.70 km,Embankment-8.86 km,Rehabilitation of hydraulic structure-11no. Outlet structure-8 no.Tidal basin perimeter-0.5 km,Culvert-bridge-14 no.		
<b>Brief Description of findings/results</b> The ELA/SIA study which was executed between mid 1997 and mid 1998, identified and studied tidal river management as an alternative solution to major regulators proposed by the project. Tidal river management would solve the drainage problem of the region by generating tidal flows in the main river system, which will prevent them from siltation. In addition, sediments will be brought in the beel areas as requested by the local people. Supported by the public opinion, the decision has been taken to implement a tidal basin in the upstream part of one of the main river systems. A stepwise, learning by doing approach will be followed, based on an extensive monitoring, which should build up experience with the performance and management of these tidal basins. Water Management Groups and Associations play an important role in the implementation.		
<b>Technical Reports Prepared</b> <ul style="list-style-type: none"><li>1. Mathematical Model Study for Environmental and Social Impact Assessments: Draft Final Report. Dhaka: BWDB, 1997. vp.</li><li>2. Cohesive Sediment Study: Final Report. Dhaka: SWMC, 1996. vp.</li><li>3. Sediment and River Morphology Studies. Dhaka: SMEC International, 1997. vp.</li></ul>		

4. Detailed engineering design and construction supervision; final draft- part I: overall drainage plan. Dhaka: SMEC, 1998. vp.
5. Detailed engineering design and construction supervision; final draft- part II: overall drainage plan. Dhaka: SMEC, 1998. vp.
6. Agricultural Development. Final report, volume - II: long-term (1999-2003) strategy plan. Dhaka: DAE, 1997. vp.
7. Agricultural Development. Final report, volume I: assessments and activities. Dhaka: DAE, 1997. vp.
8. Environmental and social impact assessment of Khulna-Jessore Drainage Rehabilitation Project. Dhaka: EGIS, 1998. 194p.
9. Khulna-Jessore Drainage Rehabilitation Project, Inception Report. Dhaka: BWDB, 2000. 41 p.
10. Detailed engineering design and construction supervision. Dhaka: SMEC, 2001. vp
11. Technical report no. 2: status report on the environmental impacts of the projects. Dhaka: ADB, 1995. 62p.
12. Technical report no. 3: water management associations. Dhaka: ADB, 1995. 45p
13. Technical report no. 4: problems needs of the people. Dhaka: ADB, 1995. 75p.
14. Technical report no. 5: problems needs of the people, part II. Dhaka: ADB, 1996. 94p.
15. Technical report no. 6: the fisheries management plan for the Khulna-Jessore drainage rehabilitation project. Dhaka: ADB, 1996. 38p.
16. Technical report no. 8: training materials. Dhaka: ADB, 1998. 26p.
17. Technical report no. 9: monitoring of emergency relief programme 1997-98. Dhaka: ADB, 1998. 19p.
18. Annual report 1997. Dhaka: BWDB, 1998. vp.
19. Inception report 1997. Dhaka: BWDB, 1997. vp.
20. Retrospective benchmark report 1997. Dhaka: BWDB, 1997. vp.
21. BME final report. Dhaka: BWDB, 1997. vp.
22. BME system manual. Dhaka: BWDB, 1997. vp.
23. Operation and maintenance manual. Dhaka: BWDB, 2001. vp.

Status Date : June, 2002

Sector: Water Management

## BWDB - 07

Title		Status
Gorai River Restoration Project (GRRP)		On-going
<b>Location</b> Southwest Region of Bangladesh covering 10 Districts. Bangladesh's Southwest region (SWR) covers approximately 40,450 square kilometers (27 percent of the total area of the country). In 1991 it had a population of about 26 million (23 percent of the country total). The region is bounded by the Indian border in the West, by the Ganges-Padma and Lower Meghna rivers in the North and East, and by the Bay of Bengal in the South. It is estimated that about 10 percent of the area is covered with coastal mangrove forests known as Sundarban; about 13 percent is covered by surface water, including rivers and beels (natural depressions); and the remaining 77 percent is cultivated. In the Study area for this Project approximately 9 million people and communities, according to the 1991 census, depend directly or indirectly on the Gorai River.		
<b>Implementing Agency</b> Bangladesh Water Development Board (BWDB), Ministry of Water Resources, GoB		
<b>Executing Organisation</b> DHV – Haskoning Consortium and Associates MML - SMEC – BETS – DPM - HCL – RK – DUL – PAL – Devcon - ACE		
<b>Funding Agency</b> Government of the Netherlands	<b>Funds Allocated (optional)</b> 3280.85 (PA- 1860.20 )	
<b>Start Date</b> September 2001	<b>Completion Date</b> Pre-contact phase - January 2002	
<b>Contact Person with detailed address, telephone &amp; others</b> Mr. Fortunato Carvajal M Team Leader Pre-contract Consultant Gorai River Restoration Project (GRRP) House # 10 A, Road # 103, Gulshan Dhaka 1212 Bangladesh  Telephone - 8821963, Fax - +880 2 8823783, e-mail – <a href="mailto:grrpmc@dhaka.agni.com">grrpmc@dhaka.agni.com</a>		
<b>General Objective</b> The overall objective is to prevent environmental degradation specifically around Khulna, the coastal belt and in the Sundarbans, by undertaking restoration of the Gorai River and hence ensuring fresh water flows in the wet season and augmenting these flows during the dry season.  Over the last decade the Gorai River has during the dry season ceased flowing due to siltation at the Gorai offtake, resulting in a number of environmental impacts. These include northward penetration of surface water salinity, increase in soil and groundwater salinity, sedimentation of rivers, deterioration in the quantity and quality of groundwater, reduced surface water availability, reduced crop and fish production, reduction in navigation services.		
<b>Specific Objectives</b> “to enhance the Gorai river flow to restore the ecological and environmental services previously supported by the river.” The focus of the specific environmental objective is not therefore, the re-establishment of the flow of fresh water but rather the services and attributes provided by the water conveyed within the river system prior to the closure of the offtake. These services are many and varied and are manifest on differing scales in both time and space.		
<b>Activities Performed</b> The Feasibility Study, detail design and tender documents of the project have been already completed by the Main Consultant (DHV – HASKONING Consortium & Associates). The Main Consultants submitted their final report of the study in July 2001. The activities performed by the Main Consultant included preparation of detailed design, social impact assessment, economic and financial evaluation, Operation & Maintenance (O & M) evaluation, detail design and tender documents.  SWMC and RRI (Faridpur) carried out mathematical modelling and physical modelling activities respectively to support to the Main Consultant activities. EGIS executed Environmental Impact Assessment (EIA) & Environmental Management Plan (EMP), Social Impact & Resettlement Action Plan for the project independently, as the project is a “Category A - Environmental Project”.		

Pre-contract activities of the project have been done as follows:

- updating and detailing of the design of the proposed project interventions
- preparation of Project Implementation Plan (PIP), general and individual procurement notices, tender documents, detailed project cost estimate etc.
- to complete pre-qualification formalities including evaluation of tenders
- to prepare ToR and draft contract for supervision consultant
- to upgrade O&M report integrating BWDB's organization framework.

Resettlement Action Plan (RAP) for the project has been done by EGIS.

#### **On-going Activities**

At present the next stage of the project i.e. long term restoration activity including off-take intervention and river bank protection are under consideration of the Government.

#### **Brief Description of findings/results**

The Feasibility Study for the GRRP identified significant ecological and environmental benefits from providing a minimum flow of 60 m<sup>3</sup>/s and ensuring the monsoon flow at the Sundarban Mangrove Forest. Primary to these benefits is restoration, throughout the year, of the fresh water hydrological system to the Sundarban and the related impacts on ecological productivity and functions. Successful protection of the Sundri (*Heritiera fomes*) a fresh water mangrove is probably dependent on the GRRP. Additional benefits arising from retention of flora and fauna have been described along with potentially major losses to the coastal fishery in the Bay of Bengal.

Other benefits arise from reduced salinisation, increased access to fresh water and in-stream values such aquatic biodiversity, fisheries, agriculture and navigation result in a very strong economic justification for the project.

The engineering option A1 (river training works in combination with occasional maintenance dredging) is reliable, uncomplicated and provides a significant recurrent cost saving over recurrent dredging options. The Project is considered to be technically and economically justifiable. Based on the risk analysis carried out, the EIRR of the project ranges from 11.1 to 22%, with a 91% certainty that the EIRR is 14% or higher.

#### **Technical Reports Prepared**

Feasibility Study Report of the Main Consultants

Tender Documents

Final Report on Mathematical Modelling by SWMC

Final Report on Physical Modelling by RRI/ Faridpur

Environmental and Social Impact Assessment for the project by EGIS

Status Date: June, 2002

Sector: Water Management



BWDB - 12	
<b>Title</b> Noakhali khal Re -Excavation Protection Project	<b>Status</b> On-going
<b>Location</b> Sudharam , Begumganj and Companiganj Upa-Zila in Noakhali District	
<b>Implementing Agency</b> BWDB	
<b>Executing Organisation</b> BWDB	
<b>Funding Agency</b> GOB	<b>Funds Allocated (optional)</b> BDT 107.13
<b>Start Date</b> 1998-99	<b>(Expected) Completion Date</b> 2002-03
<b>Contact Person with detailed address, telephone &amp; others</b> Superintending Engineer , Feni O&M Circle, BWDB, Feni. Phone – 0331-73542	
<b>General Objective</b> Protection of 25,000 ha area from intrusion of saline water including creation of drainage facility	
<b>Specific Objectives</b> Protection of land from saline water intrusion, provision of drainage facility and reduce cyclone damages; Increased crop production by retaining irrigation; generation of new employment opportunities.	
<b>Activities Performed</b>	
<b>On-going Activities</b> Regulator- 1 no. , Re -excavation of Noakhali khal – 25 km, Tie embankment – 0.9 km, River closure – 1 no.	
<b>Brief Description of findings/results</b>	
<b>Technical Reports Prepared</b>	

Status Date: June, 2002

BWDB - 15	
<b>Title</b>	<b>Bhola Town Protection Scheme</b>
<b>Status</b>	Ongoing
<b>Location</b>	Bhola town and its vicinity at the bank of Lower Meghna river
<b>Implementing Agency</b>	BWDB
<b>Executing Organisation</b>	BWDB
<b>Funding Agency</b>	GOB
<b>Funds Allocated (optional)</b>	BDT 331.76 M
<b>Start Date</b>	1992-93
<b>(Expected) Completion Date</b>	2003-04
<b>Contact Person with detailed address, telephone &amp; others</b> Superintending Engineer, Bhola O&M Circle, BWDB, Bhola. Phone : 0491-55595	
<b>General Objective</b> Protection of Bhola town from erosion of Meghna river	
<b>Specific Objectives</b> Protection of the right bank of the Meghna in the vicinity of Bhola Town	
<b>Activities Performed</b> Bank protection by CC block-1070 m	
<b>On-going Activities</b> Physical model studies; Bank protection by CC block;	
<b>Brief Description of findings/results</b>	
<b>Technical Reports Prepared</b>	

Status Date: June, 2002

## BWDB - 21

Title	Char Development & Settlement Project –2	Status	On-going
<b>Location</b> Thirteen specific areas in six Upazilas of Chittagong-, Feni- and Noakhali- District : Muhuri Accreted Area (Mirsharai Upazila, Chittagong and Sonagazi Upazila, Feni); catchment area of Bamni river, polder 59/3C (Companiganj Upazila, Noakhali); Char Ganchil-Torabali (Comp aniganj and Sadar Upazilas, Noakhali); Char Lakshmi; south eastern part of Polder 59/3B; Char Mora Dona; Char Baggar Dona I; Char Baggar Dona II; Char Majid (all Sadar Upazila, Noakhali); Char Bhatirtek (Sadar and Companiganj Upazilas, Noakhali); South Hatiya; Nijhum Dwip/Char Osman; Nijhum Dwip/Bandartila (all Hatiya Upazila, Noakhali)			
<b>Implementing Agency</b> BWDB, LGED, DPHE, Ministry of Land, DAE; Ministry of Water Resources (sponsoring agency)			
<b>Executing Organisation</b> Consultants for Development Progra mmes (CDP), Haskoning & Sheltech Consultants			
<b>Funding Agency</b> Govt. of Bangladesh; Govt. of The Netherlands, World Food Programme		<b>Funds Allocated (optional)</b> Taka 1367.60 million GoB: Tk. 233.9 mln; GoN: Tk. 830.2 mln; WFP: Tk. 75.9 mln.	
<b>Start Date</b> CDSP I Sept. 1994 to October 1999; CDSP II started on October 1, 1999		<b>(Expected) Completion Date</b> October 1, 2004	
<b>Contact Person with detailed address, telephone &amp; others</b> Md. Habibur Rahman (Project Director) Elite House 10 <sup>th</sup> floor 54, Motijheel C/A (9559298) Team Leader; BWDB Compound, Sonapur, Noakhali; (0321-5428; <a href="mailto:dewilde@inmarsat.francetelecom.fr">dewilde@inmarsat.francetelecom.fr</a> );  Dhaka Liaison Office House # 2, Road 34, Gulshan (tel/fax 8811525; <a href="mailto:chardsp@citechco.net">chardsp@citechco.net</a> )			
<b>General Objective</b>  <i>To bring about an improvement in the economic situation and in the living conditions of the population in the coastal areas of south eastern Bangladesh with special reference to the poorest segment of the population</i>			
<b>Specific Objectives</b> Three project purposes: 1. promotion of an institutional environment that sustains CDSP II – and similar interventions 2. accumulation and dissemination of data and knowledge on the coastal areas 3. direct improvement of the economic and social situation of people in a number of coastal char areas in a sustainable way			
<b>Activities Performed</b> In CDSP I: empolderment of three chars: Char Bhatirtek, Char Majid and Char Baggar Dona II; construction of internal infrastructure; settlement of 4,700 households; community development in clustered villages; development of methodology for char development. In CDSP II to date: see below ongoing activities			
<b>On-going Activities</b> The following activities are being undertaken (grouped under the purposes as mentioned above under Specific Objectives):  <u>Purpose no. 1:</u> – contributing to ICZM framework – improvement of land settlement bureaucracy at District- and Upazila level (training; supply of equipment; modernization of land records and computerization of parts of land settlement process) – strengthening of planning capacity at District-, Upazila- and Union level training; develop-ment of data bases; logistic support; technical support for developing area plans – capacity building of local NGOs (through BRAC)			

- establishment and strengthening of field level institutions (local area development committees, polder committees, water management committees, user groups of tubewells and latrines)

**Purpose no. 2:**

- feasibility studies of possible new project areas (catchment areas of Baggar Dona khal and Noakhali khal)
- studies on use and storage of fresh water in char areas
- water related measurements (salinity, water levels, ground water levels)
- soil related measurements (salinity, fertility)
- pilot activities in the area of land - and water management (hydro-morphological processes in rivers that function as drainage outlets for char areas; options for protection of low lying areas; options for polder design; hydraulic behavior of ponds)
- investigation with regard to possibilities and constraints for agriculture in coastal areas
- monitoring of developments in CDSP I areas (Char Majid, Char Bhatirtek and Char Baggar Dona II) in order to make it possible to assess efficacy of CDSP I interventions and of developments in areas added under CDSP II

**Purpose no. 3:**

- **Land settlement:** settlement of about 13,000 landless households on khas land in six specific areas in Chittagong-, Feni and Noakhali District
- **Infrastructure:** peripheral: embankments (32 km), sluices (9); internal water management related: khals (108 km), culverts (16); internal transport and settlement related: rural roads (90 km), bridges/culverts (48), cyclone shelters (27); internal water- and sanitation related: deep tube wells (607), latrines (6,900)
- **Agriculture:** testing, demonstration and dissemination of technologies suitable for the char areas aiming at increasing of yield and or area under cultivation; activities try to build on the improved agro-ecological conditions in specific project areas by introducing improved varieties and modern farming techniques; sequence of activities is: collection of baseline information (land levels, soil salinity and – fertility, cropping patterns) - land class zonation - agricultural extension (testing, demonstration, dissemination)

***Brief Description of findings/results***

Results of CDSP I: protection of three chars (total 5,200 ha) plus internal polder infrastructure (cyclone shelters, rural roads, deep tube wells, 990 houses in 34 clustered villages); settlement of 4,700 landless households; institutional and community development (a.o. six Water Management Committees, 23 male and 23 female NGO groups). Most important experiences in CDSP I are documented in Technical Report no. 29 and in the book “Out of the periphery”. A post implementation cost benefit analysis indicated an IRR of around 12.5 % and an EIIR of 15% and concluded that out of an economic and financial point of view char development is a feasible exercise. Indirect effects on the whole economy matter much, but much attention has to be given to cost-effectiveness in the design of polders.

CDSP II just entered its second year. It is as yet too early to discuss findings and results.

***Technical Reports Prepared***

**List of CDSP- I Reports and Documents**

Type	Title
Mission No.1	Land and Water Planning, Jan Groot, November 1994
Mission No.2	Rural Health Care, Pieter Streefland and Saqul Khandoker, November 1994
Mission No.3	Note on Economical & Monitoring Aspects, Alexander Mueller, November 1994
Mission No.4	Infrastructure Planning, Jelle Fekkes, December 1994
Mission No.5	Environmental Aspects, Adriaan de Goffau, December 1994
Mission No.6	Land Distribution, Sobhan A. Akhand, January 1995
Mission No.7	Credit Operation Plan, Mozzaharaf Khan, December 1994
Mission No.8	Gender Assessment Study/WID report, Loes Keyzers, December 1994
Mission No.9	Institutional Affairs, Bert van Woersem, January 1995
Mission No.10	Infrastructure Planning-II, Jelle Fekkes, May 1995
Mission No.11	Fishery Aspects, Paul Farrow, Draft October 1995, Final Version July 1996
Mission No.12	Land and Water Engineering-II, Jan Groot, October 1995
Mission No.13	Infrastructure Planning and Monitoring-III, Jelle Fekkes, October 1995
Mission No.14	Review 1994/95 & Methodology Development, Pieter Jan Zijlstra, January 1996

Mission No.15	Water Supply & Sanitation, Programme Formulation, Rabiul Islam, February 1996
Mission No.16	Infrastructure Planning and Monitoring-IV, Jelle Fekkes, June 1996
Mission No.17	Land and Water Engineering-III, Jan Groot, July 1996
Mission No.18	Fishery Aspects-II, Paul Farrow, July 1996
Mission No.19	Infrastructure Planning & Monitoring-V, September 1996
Mission No.20	Non Existing
Mission No.21	Land and Water Engineering-IV, Jan Groot, November 1996
Mission No.22	Institutional Affairs-II, Bert van Woersem, November 1996
Mission No.23	Fishery Aspects-III, Paul Farrow, December 1996
Mission No.24	Infrastructure Monitoring-VI, Jelle Fekkes, December 1996
Mission No.25	Planning and Monitoring support, Pieter Jan Zijlstra, February 1997
Mission No.26	Infrastructure Monitoring-VII, Jelle Fekkes, March 1997
Mission No.27	Mid-Term Economic Evaluation Concepts, Harm Jan Raad, May 1997
Mission No.28	Infrastructure Monitoring-VIII, Jelle Fekkes, June 1997
Mission No.29	Review Field crop & H.S. Development Programme, Henk Mutsaers, September 1997
Mission No.30	Land and Water Engineering, Jan Groot, October 1997
Mission No.31	Land and Water Engineering-V (first part, draft), Jan Groot, August 1997
Mission No.32	Institutional Affairs-III, Bert van Woersem, November 1997
Mission No.33	Review of Productive Development Programme, Henk Mutsaers, February 1998
Mission No.34	Review of Productive Development Activities in Fields and Homestead, Henk Mutsaers, September 1998
Mission No.35	Report on the visit of the Senior Land and Water Engineer, Jan Groot, October 1998
Mission No.36	Report on the visit of the Senior Land and Water Engineer, Jan Groot, January 1999
Mission No.37	Review of productive development activities in Fields and homesteads, Mutsaers, February 1999
Technical No.1	Productive Development Plan, Mujibul Huq et al, December 1995
Technical No.2	The Char Majid Sluice, Eva Jordans and Peter Prins, June 1995 (Draft)
Technical No.3	Muhuri Accretion Area Appraisal Visit, Long-term Consultant Team, January 1996
Technical No.4	Review of Polder Committees, Arend van Riessen/Shyamal Kumar Roy, 2 version, July 1996
Technical No.5	Annual Report 1995-1996, Productive Development Sector, M.Huq et al, August 1996
Technical No.6	Status Report on Drainage Study, Odile Scholte, April 1997
Technical No.7	Water Supply, Sanitation and Health, State of Affairs, N.Begum et al, September 1997
Technical No.8	The Labour Situation in the Chars and LCS, N.Begum et al, September 1997
Technical No.9	Primary Schools in the CDSP chars, N.Begum et al, August 1997 (Draft)
Technical No.10	External Review of NGO-Involvement in CDSP, by Socioconsult, May 1998
Technical No.11	Income and Employment Potentials for Cluster Village Women, H.Shafayet Hussain, September 1998
Technical No.12	Review of the Sluices in the Coastal Embankment around "Polder 59/3B", Jelle Fekkes, September 1998
Technical No.13	Socio-economic polder profile, Mohiuddin Ahmad, December 1998
Technical No.14	Final Report Infrastructure (period September 1994-August 1998), 3 volumes, J.Fekkes, January 1999
Technical No.15	Rapid Water Management Appraisal, M.A. Sekandar, January 1999
Technical No.16	Extension methods and extension packages for agricultural and homestead production in the char areas, Md. Ebrahim Akanda, a.o., February 1999
Technical No.17	Adoption of agricultural technologies in char areas, February 1999
Technical No.18	Field Crops, Annual Report 1996-1997, Ebrahim Akanda, February 1999
Technical No.19	Field Crops, Annual Report 1997-1998, Ebrahim Akanda, March 1999
Technical No.20	Culture Fishery in Coastal Chars, Mohiuddin Ahmad, April 1999
Technical No.21	Cropping Patterns, Ebrahim Akanda, April 1999
Technical No.22	Final Report on Land and Water Engineering, 2 volumes, J.M. Groot, April 1999
Technical No.23	Maintenance Plan, M.A. Sekandar, May 1999
Technical No.24	Benefit Assessment of Land Settlement Program, M.A.Latif, June 1999
Technical No.25	Water, Soils & Crops, M.E.Akanda, H.Mutsaers, Md. Hasan, June 1999.
Technical No.26	The Cost & Benefits of Char Development, D.Bol, June 1999.
Technical No.27	Field Crops, Annual Report 1998-99, Md. Ebrahim Akanda, August 1999.
Technical No.28	Aspects of people's participation in CDSP: Polder Committees, Sub-Polder Committees and Water Management Committees, Debashis R. Saha & M.A. Sekandar, August 1999.
Technical No.29	Out of the Periphery, Guidelines for Development of Coastal Chars in Southeastern Bangladesh, September 1999.

Feasibility	Draft Final Report, The Feasibility Study of Muhuri AA, November 1998
Feasibility	Coastal Char Study - Main Report, Vol. 1-4, January 1999

**List of CDSP-II Reports and Documents (Till end of December,2000)**

Type	Title
Mission No.1	Initiation of Productive Development Activities in CDSP-II Areas, HJW Mutsaers, Md. Ebrahim Akanda, November 1999
Mission No.2	Sedimentation of Drainage outfalls and Remedial Measures, Ir. W Izycki, Dr. ir. EB Peerbolte, November 1999
Mission No.3	Preparatory Study South Hatiya, PJ Zijlstra, W. Izycki, MA Sekendar, January 2000.
Mission No.4	Drainage Study of Polder 59/B (Eastern Part) and Preparatory Study on Nijhum Dwip, Dr. J. Groot, Jan. - February 2000.
Mission No.5	The CDSP-II Agriculture Programme in the meaking (Report of a consultancy mission). D r. H.J.W. Mutsaers, Agriculture Adviser of CDSP-II.
Mission No.6	Planning infrastructure works CDSP II, Mr. J.S. Fekkes, Civil Engineering Adviser.
Mission No.7	Environmental Impact Assessment of South Hatiya Polder, Mr. Frank Kaukelaar.
Mission No.8	Drainage Study of Polder 59/C - Low Embankments and Roads in Unprotected Areas - Analysis of Collected Data - Open Water Bodies and Water Harvesting.
Mission No.9	Report on a consultancy visit (November 10 - 17,2000)
Mission No 10	Drainage of Polder 59/3c Fresh water in Char Areas , Ms.Josien Kapma –Jan,2001
Mission No 11	Infrastructure Component, Mr.Jelle Fekkes and Dr. E.B.Peerbolte – March,2001
Mission No 12	Backstopping Mission, Mr. Pieter Jan Zijls tra, Mr. Roelof Moll & Ms. Salma Shafi – March,2001
Mission No 13	Baggar Dona Feasibility Study CoastalMorphodynamic Studies and Survey –Hatiya River Survey,Dr. E.B. Peerbolte - May,2001
Mission No 14	Agriculture, Mr.HJW Mutsaers,Mr.SA Sattar, & Mr.MA Sekendar – June,2001
Mission No 15	Infrastructure Component,Mr.Jelle Fekkes – July,2001
Mission No 16	Fisheries and Agricultural Development Strategies in the Char Development and Settlement Project,CDSP 2 , Mr Gertjan de Graff – Jan,2002
Mission No 17	I) Water management and crop production II) Productivity zones and technology targeting III) Agriculture extension IV) Salinity Mr.H.J.W.Mutsaers March 3 - 16,2002
Mission No 18	Strengthening of Water Management Committees-Comments on Feasibility Study of Comprehensive South Comilla and North Noakhali Drainage Project-Drainage of Polder 59/3C Ms. Josien Kapma March04-13,2002
Mission No 19	Backstopping Mission Mr.Pieter jan Zijlstra (CDP) Ms.Salma A. Shafi (SCPL) Mr.Roelof Moll (Haskoning) March14-21,2002
Mission No 20	Infrastructure Component Mr.Jelle Fekkes Civil Engineer May 16 - 31,2002
Technical No.1	Gender in CDSP-II Activities, Nujulee Begum, January 2000
Technical No 2	Agricultural Production and Adoption of New Agricultural Technologies in CDSP-I Project Areas. Mr. Narayan Chandra Nath, Research Fellow. February'2001
Technical No3	Economic Assessment of South Hatiya Polder. Mr. Mohiuddin Ahmad RDC. March'2001
Technical No4	Report on Fresh Water in Char Areas. Mr. M.A.Latif Socioeconomic Adviser. July'2001
Technical No5	Agriculture in CDSP – II Mr.S.A.Sattar Sr.Agriculture Adviser February 19,2002
Technical No6	Report on monitoring of results of project interventions in CDSP I areas Mr.M.A.Latif, Sr.Socio Economic Adviser Mr.Sheikh A. Sattar, Sr.agriculture Adviser Mr. Mahfuzur Rahman Data Monitoring Engineer March 30'2001
Technical No7	Rapid Drainage Related Rural Appriaisal survey of the Baggar Dona Catchment Area. (Draft) Mr. M.A. Sekendar Senior Land & Water Management Engineer June 2002

	Internal Resource Report	Planned Village Settlement Schemes: Experiences and Suggestions. Ms. Nujulee Begum, GNA.
	Internal Resource Report	Monitoring of development in CDSP-I areas: Char Baggardona-II, Char Majid & Char Bhatir Tek.
	Internal Resource Report	Impact of CDSP Infrastructure on private sector activities., M.A. Latif, Socioeconomic Adviser.
	Internal Resource Report	Final Report on Fresh Water Use in CDSP Working Areas., M.A. Latif
Baseline Survey-I		Char Baggardona-II
Baseline Survey-II		Char Majid
Baseline Survey-III		Char Bhatir Tek
Baseline Survey-IV		Muhuri
Baseline Survey-V		South Hatiya
Baseline Survey-VI		Nijhum Dwip
Baseline Survey-VII		Bandartila
Baseline Survey-VIII		Mora Dona
Baseline Survey-IX		Gangchil - Torabali.

Status Date : June, 2002

Sector: Safety and Area Development

## BWDB - 31

Title		Status
Meghna Estuary Study – I & II		Completed
<b>Location</b> The area covers the Lower Meghna River from Chandpur Town to the Bay of Bengal. The eastern boundary follows the left bank and the coast-line to the mouth of the Karnafuli River near Chittagong. The western boundary follows the right bank of the Lower Meghna river and the Tetulia river and the coast line to the Bay. The southern boundary, which covers the estuarine and offshore islands, is not specifically defined but on the eastern side should cover the entrance to the Karnafuli River.		
<b>Implementing Agency</b> Ministry of Water Resources		
<b>Executing Organisation</b> BWDB & WARPO		
<b>Funding Agency</b> Governments of Netherlands, Denmark, Bangladesh & WB		<b>Funds Allocated (optional)</b> BDT 630 million
<b>Start Date</b> 1 <sup>st</sup> November 1995		<b>(Expected) Completion Date</b> 31 July 2001/June 2002
<b>Contact Person with detailed address, telephone &amp; others</b>  <i>Md. Habibur Rahman, Project Director, PMU-ESPP Bangladesh Water Development Board, 54 Elite House (10<sup>th</sup> Floor), Motijheel C/A, Dhaka-1000, Phone: 880-2-955 9298</i>  <i>Mr. Anne van Urk, Team Leader, Saimon Centre 6<sup>th</sup> Floor, Road 22, House 4/A, Gulshan-1, Dhaka 1212, Phone : 880-2- 881 1370 Fax : 880-2-882 1891</i>		
<b>General Objective</b> The long term objective of MES is to improve the physical safety and social security of the people living in the coastal areas and on the islands in the Estuary. To retain and increase the operational knowledge of the hydraulic and morphological processes in Meghna Estuary and to Develop appropriate approaches and techniques for efficient land reclamation as well as effective river bank protection measures.		
<b>Specific Objectives</b> <ul style="list-style-type: none"> <li>Planning the development of the project area, giving due attention to carrying out a systematic programme of <b>surveys</b> to build up a reliable database for assessing estuarine behavior. Enhancing the optimum exploitation of the potentials of the areas in terms of land reclamation and land use, thus providing new land to landless people. A <b>Master Plan</b> is expected, in due course, to lead to an enhanced morphological stability and eventually to a shortened coastline. It thus aims at a safer environment for sustained human habitation. Mitigating the destructive forces of storm surges (cyclones), thus providing a higher degree of safety to the population and property, and improving the productivity of the coastal islands by introducing better system for drainage, salinity control and water management in the <b>Development Plan</b>. This would include those areas which are at present not protected and which are not covered by FAP-7.</li> <li>Enhancing understanding of natural forces that shape the physical properties of the area and which largely determine the potential for settlement and development. To the extent that information is available for other FAP studies, of the possible impact of flood protection works along the major rivers on hydraulic and morphological conditions in the rivers, relate consequences for the Meghna Estuary should be assessed.</li> <li>An early start to implementation of priority projects and programmes that are compatible with the phased long term and / or development plan. Implementation of works are the stage of practical experiments is not included in MES.</li> <li>Practical solutions for an effective continuation of surveys and studies, aimed at sustained and co-ordinated actions to update and progressively implement the long term plan.</li> <li>Reinforce the capacity of the concerned institutions to survey, investigation, plan, design and implement MES its projects and long term plan.</li> </ul>		
<b>Activities to be Performed</b> <ol style="list-style-type: none"> <li>Institutional Development:</li> <li>Surveys: a) Marine, b) Land and c) Socio-economic</li> <li>Studies: a) Hydrodynamics, b) Morphological, c) Socio-economical and d) Environmental</li> <li>Development of Reference Scenarios &amp; plan</li> <li>Preparation of Master Plan</li> <li>Preparation of Land &amp; Water Development Plan</li> </ol>		



7. Preparation of Priority Projects
8. Preparation of Small Scale Pilot Schemes & its Design, Implementation, Monitoring & Evaluation.

**On-going Activities**

Estuarine Survey for the dynamic area

Study on morphology & hydrodynamic monitoring for inclusion in the Master Plan in NWMP.

The Project has been CONTINUED as MES-2 (Bridging Phase) to carryout the survey works uninterrptedly and finalize draft Master Plan as well as the Draft development Plan following FAP guidelines.

**Brief Description of findings/results**

1. Reliable hydro-morphological survey data bases formed
2. A 25 years long phased Master Plan for Estuary Development prepared.
3. A 5 years phased land & water development plan with priority projects prepared.
4. An operational survey unit with data processing and analyzing capabilities.
5. Low cost innovative land accretion & erosion control measures were tried up.

**Technical Reports Prepared**

1. Technical notes on different issues 46 Nos.
2. Data volumes 13 Nos.
3. Digitized maps of Bathymetry & LRP.
4. Master Plan Reports 8 volumes.
5. Development Plan Reports 6 volumes.
6. Monitoring & evaluation of pilot project.
7. A 2-D mathematical models of the study area for water flow, salinity, sediment etc were calibrated by SWMC.

Detail listing of the reports are provided below.

**MES II PUBLICATIONS**

Period 1<sup>st</sup> October 1998 until 31<sup>st</sup> July 2001

**MES II Technical Notes**

MES-II-025	Monitoring of Haim Char Erosion Control Works
MES-II-026	Monitoring of Khorki Erosion Control Works
MES-II-027	Salinity in the Meghna Estuary
MES-II-028	Processing of Bathymetric Surveys in the Meghna Estuary
MES-II-029	Year 2000 update of Trends and Processes
MES-II-030	Float Tracking and ADCP Measurements Monsoon 2000
MES-II-031	Analysis of Shoreline Changes in the Meghna Estuary
MES-II-032	Analysis of Bathymetric Changes in the Meghna Estuary
MES-II-033	Determining Suspended Sediment Concentration From ADCP Backscatter Intensity
MES-II-034	Empirical Morpho-dynamic Relations to Predict Channel Dimensions in the (Lower) Meghna Estuary
MES-II-035	Analysis of Cross-sectional Properties of Channels in the Meghna Estuary
MES-II-036	Bathymetric Survey and Velocity Measurements in the Hatiya River for CDSP-II in April 2001
MES-II-037	Nijhum Dwip Cross Dam Trial Section
MES-II-038	Char Alexander Bank Protection Pilot Scheme
MES-II-039	Khorki Bank Protection Pilot Scheme
MES-II-040	Hanarchar Erosion Control Pilot Scheme
MES-II-041	Char Montaz Permeable Cross Dam Pilot Scheme
MES-II-042	Nijhum Dwip Permeable Cross Dam Trial Section
MES-II-043	Acceleration of Accretion Evaluation of Cross Dam Pilot SchemeMES-II
MES-II-044	Bank Erosion Evaluation of Erosion Control Pilot SchemeMES-II
MES-II-045	Review Design and Implementation of Nijhum Dwip Cross Dam
MES-II-046	Brief Note on Surveys in the Meghna Estuary

**MES II Reports and Proceedings**

1. Hydro-Morphological Dynamics of the Meghna Estuary, June 2001
2. Executive Summary of Hydro-Morphological Dynamics of the Meghna Estuary, July 2001
3. Proposal Survey & Study Support Project Anwesha, 18 July 2001
4. Proceedings of Workshop on Draft Master Plan & Draft Development Plan, 2-3 December 1999; published October 2000
5. Brief Key Papers for the Workshop on Draft Master Plan & Draft Development Plan, 2-3 December 1999
6. Proceedings of Training Program: Design and Implementation of Erosion Control and Cross Dam Pilot Schemes executed under MES, 16 November 2000; published in May 2001
7. Brief Key Papers on Training Program Design and Implementation of Erosion Control and Cross Dam Pilot Schemes executed under MES 16 November 2000
8. Mission report on Evaluation of Pilot Erosion Control Works in MES 5-11 May 2001
9. Evaluation of an alternative way of River Bank protection in the Meghna estuary
  - Volume I : A low-cost River Bank Protection Pilot Project in Hanar Char
  - Volume II: Studying the effect of a field with increased roughness on the flow pattern in a channel

**MES II Reports by Third Parties**

CNRS: Centre for Natural Resources Studies

Final Report

Marine Resource and Hilsha Spawning Impact Assessment between Nijhum Dwip and Hatia South  
January 2001

**EGIS**

*Application of Remote Sensing for Assessing Changes in Inter tidal Areas, Erosion and Accretion in the MES Area* November 2000

**SWMC**

1. Training Report:  
Basic Training on Hydraulic Modeling in MIKE 21 HD May 1999
2. Training Report:  
Maintenance of the Two Dimensional General Model of the Meghna Estuary August 1999
3. First Update Report;  
Maintenance of the Two Dimensional General Model of the Meghna Estuary April 2000
4. MIKE 21 Advanced Training (Maintenance of the Two Dimensional General Model of the Meghna Estuary June 2000)
5. Second Update Report: Whole Area Updated for 1999-2000  
Maintenance of the Two Dimensional General Model of the Meghna Estuary April 2001
  - Volume I : Executive Summary
  - Volume II: Main Report

**MES PUBLICATIONS**

**Until 1 October 1998**

**MES Master Plan Reports****Executive Summary**

- |          |                                      |
|----------|--------------------------------------|
| Volume 1 | Main Report                          |
| Volume 2 | Morphological Processes              |
| Volume 3 | Water management and Drainage        |
| Volume 4 | Rural Development                    |
| Volume 5 | Agriculture and Farming Systems      |
| Volume 6 | Fisheries and Aquaculture            |
| Volume 7 | Forestry                             |
| Volume 8 | Environmental Profile and Assessment |

**MES Development Plan Reports**

- |          |                          |
|----------|--------------------------|
| Volume 1 | Main Report              |
| Volume 2 | Part 1 Feasibility Study |

Volume 2	Part 2	Haim Char Erosion Control Project Initial Environmental Examination Haim Char Erosion Control Project
Volume 3	Part 1	Feasibility Study Nijhum Dwip Integrated Development Project
Volume 3	Part 2	Environmental Impact Assessment Nijhum Dwip Integrated Development Project
Volume 4	Part 1	Feasibility Study Char Montaz-Kukri Mukri Int. Dev. Project
Volume 4	Part 2	Environmental Impact Assessment Char Montaz-Kukri Mukri Int. Dev. Project
Volume 5		Pre-feasibility Studies Land Development
	Part 1	Rangabali - Char Biswas
	Part 2	Hatia -Manpura
	Part 3	Urir Char-Char Pir Baksh
Volume 6		Reconnaissance Studies Erosion Control
	Part 1	Bhola Northeast Bank Lines
	Part 2	Bhola East Bank Lines
	Part 3	Bhola West Bank Lines
	Part 4	Lakshmipur-Ramgati Bank Lines
	Part 5	Hatia North Coast Line
	Part 6	Sandwip West Coast Line
MES Technical Notes		
MES-001		Tidal Volume and Sediment Transport Patterns
MES-002		Schematisation of Wave Climate
MES-003		Analysis of Water Level Data and Harmonic Components
MES-004		Salinity Distribution in the Estuary
MES-005		Sediment Analysis Procedures
MES-006		Nijhum Dwip Cross Dam Pilot Scheme
MES-007		Char Alexander Bank Protection Pilot Scheme
MES-008		Static GPS Survey
MES-009		Time Series Analysis of Erosion and Accretion
MES-010		Estuarine Survey Procedures
MES-011		Assessment of Marine Survey Capabilities
MES-012		Frequency Analysis of Water Levels in Feni Estuary
MES-013		Assessment of Sedimentation Fields
MES-014		Climate Change and Water Level Rise
MES-015		Surveys in Bay of Bengal
MES-016		Estuarine Surveys
MES-017		Numerical Modelling
MES-018		Rapid Assessment of Mangrove Forestry Resources
MES-019		Innovative Bank Protection Measures
MES-020		Installation of Haim Char Erosion Control Project
MES-021		Installation of Khorki Erosion Control Project
MES-022		Gravitational Circulation Shabazpur Main Channel
MES-023		Time Series Analysis of Erosion and Accretion - Addendum
MES-024		Status Survey Vessels and Equipment
MES-025		Monitoring of Haim Char Erosion Control Works
MES-026		Monitoring of Khorki Erosion Control Works
MES-027		Salinity In the Meghna Estuary
MES-028		Processing of Bathymetric Surveys in the Meghna Estuary
MES-029		Addendum, Morphological Processes o September, 1998
MES-030		Float Tracking and ADCP Measurements Monsoon 2000
MES-031		Analysis of Shoreline Changes in the Meghna Estuary
MES-032		Analysis of Bathymetric Changes in the Meghna Estuary
MES-033		Determining Suspended Sediment Concentration From ADCP Backscatter Intensity
MES-034		Empirical Morphodynamic Relations to Predict Channel Dimensions in the (Lower) Meghna Estuary

MES-035	<i>Analysis of Cross-sectional Properties of Channels in the Meghna Estuary</i>
MES-036	Bathymetric Survey and Velocity Measurements in the Hatiya River for CDSP-II in April 2001
MES-037	<i>Nijhum Dwip Cross Dam Trial Section</i>
MES-038	Char Alexander Bank Protection Pilot Scheme
MES-039	Khorki Bank Protection Pilot Scheme
MES-040	Hanarchar Erosion Control Pilot Scheme
MES-041	Char Montaz Permeable Cross Dam Pilot Scheme
MES-042	Nijhum Dwip Permeable Cross Dam Trial Section
MES-043	Acceleration of Accretion Evaluation of Cross Dam Pilot Schemes
MES-044	Bank Erosion Evaluation of Erosion Control Pilot Schemes
MES-045	Review Design and Implementation of Nijhum Dwip Cross Dam
MES-046	Brief Note on Surveys in the Meghna Estuary

Others:

Design Report Pilot Schemes: Char Montaz Cross Dam and Hanarchar Erosion Control  
 Proceedings of Workshop on Interim Master Plan & Interim Development Plan March 1998

#### MES Data Volumes

MES-101	Inventory of LRP Data
MES-102	Cross Section Data
MES-103	Water Level Data - Part 1
MES-104	Water Level Data - Part 2
MES-105	Morphology and Hydrodynamics Data - Part 1
MES-106	Morphology and Hydrodynamics Data - Part 2
MES-107	Morphology and Hydrodynamics Data - Part 3a, 3b & 3c
MES-108	Char Level Fisheries Data
MES-109	Socio - Economic Survey Data - Part 1
MES-110	Socio - Economic Survey Data - Part 2
MES-111	Water Management & Drainage Data
MES-201	Bathymetric Maps
MES-202	Digitised LRP Maps

Status Date: June, 2002

Sector: Safety & Area Development

## BWDB - 33

Title		National Water Management Plan	Status	Completed
Location		Whole Bangladesh		
Implementing Agency		Ministry of Water Resources		
Executing Organisation		Water Resources Planning Organization (WARPO)		
Funding Agency		Funds Allocated (optional)		
IDA, GoB		BDT 573.60 M (PA-435.70)		
Start Date		(Expected) Completion Date		
1997-98		2001-2002		
Contact Person with detailed address, telephone & others				
Mr. Giasuddin Ahmed Choudhury				
Director General				
WARPO				
Saimon Centre,				
Road 22, House 4/A				
Gulshan-1, Dhaka 1212,				
Bangladesh				
Tel : 880-2- 9880879				
General Objective				
Management and development of Water Sector through				
An analytical framework to allow the systematic evaluation and assessment of water resources management options within the broader multi-sectoral resources allocation.				
A time – timed, rolling investment portfolios of water sector projects and programs				
A coherent and consistent Management Information System to facilitate planning and management of water and land resources, improved access to sailable information, sustained monitoring and evaluation of project/program performance and feedback of performance results into the planning and decision making system.				
Specific Objectives				
Activities Performed				
Activates are transformed into technical reports				
On-going Activities				
Technical Reports Prepared				
National Water Management Plan, October 2001				
Vol. 1 : Executive Summary				
Vol. 2 : Main Report				
Vol. 3 : Investment Portfolios				
Vol. 4 : Regional Plans				
Vol. 5 : Supporting Information				
Draft Development Strategy, August 2000				
Vol. 1 : Summary of Options				
Vol. 2 : Main Report				
Vol. 3 : Policies				
Vol. 4 : Land and Water Use				
Vol. 5 : Legacies and Lessons; Consultation				
Vol. 6 : Social Analysis; Environment				
Vol. 7 : Institutions; Regulatory and Economic Instruments				
Vol. 8 : Economics				
Vol. 9 : Data Management; Basic Human Needs				
Vol. 10 : Technical Option’s Project Profiles				

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Vol. 11 : Regional Environmental Policy

Management Infrastructure System

MIS

Project Database User Manual

Programmes Database User Manual

**In Preparation**

**Brief Description of findings/results**

Status date June, 2002

## BWDB - 34

<b>Title</b> <b>Integrated Coastal Zone Management Plan</b>		<b>Status</b>  On-going
<b>Location</b> Nineteen sea and estuary facing districts of Bangladesh		
<b>Implementing Agency</b> Water Resources Planning Organisation (WARPO); Ministry of Water Resources (sponsoring agency)		
<b>Executing Organisation</b> ARCA DIS-Euroconsult: PDO-ICZM		
<b>Funding Agency</b> Govt. of Bangladesh; Govt. of the Netherlands Govt. of United Kingdom (DFID)		<b>Funds Allocated (optional)</b> 217.46 million Taka (Project Aid-186.25 million Taka)
<b>Start Date</b> January 2000 (Interim phase) February 2002 (formal)		<b>(Expected) Completion Date</b> January 2005
<b>Contact Person with detailed address, telephone &amp; others</b>  Mr.Rob Koudstaal, Team Leader ( <a href="mailto:rob@iczmpbd.org">rob@iczmpbd.org</a> )  Saimon Centre, Road 22, House 4/A, 5 <sup>th</sup> Floor, Gulshan-1, Dhaka 1212, Bangladesh Tel : 880-2- 989 2787; Fax : 880-2-882 6614; E-mail : <a href="mailto:pdo@iczmpbd.org">pdo@iczmpbd.org</a>		Mr.H.S.M. Faruque, Project Director & Director, Water Resources Planning Organisation (WARPO) Saimon Centre, Road 22, House 4/A, Gulshan-1, Dhaka 1212, Bangladesh Tel : 880-2- 881 4554, 881 4556, 881 4217; Fax : 880-2-882 3663; E-mail : <a href="mailto:dg_warpo@bangla.net">dg_warpo@bangla.net</a>
<b>General Objective</b> <i>To create conditions in which the reduction of poverty, development of sustainable livelihoods and the integration of the coastal zone into the national processes can take place.</i>		
<b>Specific Objectives</b> The core objective of ICZM is to strengthen horizontal integration encompassing various development policy initiatives in the field of poverty eradication, physical safety of people and reduction of vulnerabilities that limit the development of livelihoods in coastal communities. The rationale of this is rooted to the fact that in the coastal zone, a large number of people, particularly the poor depend directly on natural resources such as land and water for their livelihoods. This implies, for sustainable livelihoods natural resources must be sustained and this calls for: <ul style="list-style-type: none"> <li>• supporting responsible and sustainable resource use,</li> <li>• developing unrealised resource potential,</li> <li>• adapting to climate change and</li> <li>• mitigating environmental and resource degradation.</li> </ul> Six defined outputs are : Coastal zone policy, coastal zone strategy, priority investment program, enhancing livelihood capacities, enabling institutional environment and integrated knowledge base		
<b>Activities Performed</b> <i>Coastal zone policy</i> - an analysis of different policy documents <i>Coastal zone strategy</i> - summary of four regional workshops <i>Priority investment program</i> - an inventory of GoB and NGO projects <i>Enhancing livelihood capacities</i> - study of resource use by indigenous communities in the coastal zone		

<ul style="list-style-type: none"> <li>- perception survey of coastal communities</li> </ul> <p><i>Enabling institutional environment</i></p> <ul style="list-style-type: none"> <li>- institutional review of selected ministries and agencies</li> <li>- analysis of projects contributing to the ICZM process</li> </ul> <p><i>Integrated knowledge base</i></p> <ul style="list-style-type: none"> <li>- inventory of coastal and estuarine islands and charlands</li> <li>- website of the PDO-ICZM</li> </ul> <p><i>General activities</i></p> <ul style="list-style-type: none"> <li>- Inception Report</li> <li>- Work plans 2002 and 2003</li> </ul>	
<p><b>On-going Activities</b></p> <p><i>Coastal zone policy</i></p> <ul style="list-style-type: none"> <li>- an updating of different policy documents</li> <li>- an assessment of policy implementation</li> <li>- an annotated outline of the coastal zone policy</li> </ul> <p><i>Coastal zone strategy</i></p> <ul style="list-style-type: none"> <li>- analysis of issues and problems</li> </ul> <p><i>Priority investment program</i></p> <ul style="list-style-type: none"> <li>- development of ICPs (Investment Concept Notes)</li> </ul> <p><i>Enhancing livelihood capacities</i></p> <ul style="list-style-type: none"> <li>- analysis of coastal livelihood</li> <li>- proposals for stakeholder consultation and case studies</li> <li>- proposals for pro-gender priority actions</li> </ul> <p><i>Enabling institutional environment</i></p> <ul style="list-style-type: none"> <li>- institutional and legal arrangements of the shrimp sub-sector</li> </ul> <p><i>Integrated knowledge base</i></p> <ul style="list-style-type: none"> <li>- indicator framework</li> <li>- knowledge portal of estuary development</li> <li>- vulnerability mapping and profile</li> <li>- integrated coastal resources database</li> </ul> <p><i>General activities</i></p> <ul style="list-style-type: none"> <li>- Operationalization and internalization of the PDO-ICZM</li> <li>- Coast news</li> </ul>	
<p><b>Brief Description of findings/results</b></p>	
<p><b>Technical Reports Prepared</b></p>	
PDO-ICZM 2001	Institutional Review of Selected Ministries & Agencies–Dr. A. T. M. Shamsul Huda; November 2001
PDO-ICZM 2001	Resource Use by Indigenous Communities in the Coastal Zone – a study by Mr. Mesbah Kamal, Dr. Avizit Reaz Quazi & Sanzida Akhter; July 2001
PDO-ICZM 2001	Proceedings of the Round Table Discussion : Status of Activities in the Coastal Zone (of Selected Government Departments); April 2001.
PDO-ICZM 2001	Coastal Zone Management: An Analysis of Different Policy Documents; February 2001.
PDO-ICZM 2001	Integrated Coastal Zone Management Program, Inception Report; January 2001.
PDO-ICZM 2002	Analysis of Projects Contributing to the ICZM Process – A study by Mr. Mirza Najmul Huda (January 2002)
PDO-ICZM 2002	Inventory of Projects & Initiatives in the Coastal Zone (January 2002))
PDO-ICZM 2002	Inventory of Coastal & Estuarine Islands & Char Lands
<p><b>Working Papers</b></p>	
PDO-ICZM 2002	Previous Initiatives and Base Conceptual Documents (May 2002)
PDO-ICZM 2002	Vulnerabilities, Opportunities & Emerging Issues as Transpired from Four Regional Workshops (August 2002)
PDO-ICZM 2002	Perceptions of Direct Stakeholders on Coastal Livelihoods (Draft)
PDO-ICZM 2002	Delineation of the Coastal Zone (Draft)
PDO-ICZM 2002	Inventory of Project & Initiatives in the Coastal Zone (Updated) (November 2002)
<p>Status Date : November, 2002</p>	
<p>Sector: ICZM</p>	



Title		Status
Estuary Development Program		Ongoing
Location Estuarine area of Bangladesh: Chandpur, Bhola, Noakhali, Lakshmipur, Feni and Chittagong.		
Implementing Agency Ministry of Water Resources		
Executing Organisation BWDB		
Funding Agency GoN and GoB	Funds Allocated (optional) BDT 5545.00 (PA- 4845.00)	
Start Date July 2002	(Expected) Completion Date December 2006	
Contact Person with detailed address, telephone & others Mr. Md. Habibur Rahman, Director, PMU-ESPP, BWDB 54 Motijheel C/A, Dhaka – 1000. Phone – 88-02-9559298		
General Objective To increase the physical safety and social security of the people living in the estuarine area.		
Specific Objectives <ul style="list-style-type: none"> <li>Survey and study support unit <ul style="list-style-type: none"> <li>Updating of bathymetric survey data and micro-level survey for viable investment oriented project and databases</li> <li>Hydro-survey of estuarine area for understanding of dynamics &amp; morphological process.</li> </ul> </li> <li>Investigation &amp; design of potential cross dam <ul style="list-style-type: none"> <li>Identification &amp; investigation of possible potential cross dams throughout the coastal zone</li> <li>Assessment of the impact on the environment of the construction of the cross dams</li> <li>Investigation and implementation of potential erosion control &amp; accelerated land accretion schemes</li> <li>Implementation of modified pilot schemes on the basis of the lessons learnt and evaluation during MES period for preparation of investment project in respect of erosion control &amp; accretion of land.</li> <li>Viable accretion pilot schemes at different locations of Bangladesh estuary to accelerate the natural process of sedimentation for preparing accretion oriented investment project.</li> </ul> </li> <li>Transfer of technology covering enhancement of in-house capabilities of BWDB personnel concerning data processing, design, monitoring &amp; implementation of pilot schemes for such investment oriented projects.</li> <li>To enrich knowledge of coastal oriented multi-disciplinary in-house working force of BWDB aiming at long –term management and follow-up in relation to ICZM.</li> </ul>		
Activities Performed		
On-going Activities Continuation of Hydro-morphological survey of MES.		
Brief Description of findings/results		
Technical Reports Prepared		

Status Date : June, 2002

Sector: Safety &amp; Area Development

BWDB - 40	
<b>Title</b> <b>Rehabilitation Of Damaged High Risked Polders In Coastal Region Project ( 72 Polders )</b>	<b>Status</b> To be started in 2002-03
<b>Location</b> Bagerhat, Pirojpur, Barguna, Patuakhali, Bhola, Noakhali, Lakshmipur, Feni, Chittagong and Cox's Bazar Districts	
<b>Implementing Agency</b> BWDB	
<b>Executing Organisation</b> BWDB	
<b>Funding Agency</b> GOB (Foreign assistance under exploration)	<b>Funds Allocated (optional)</b> BDT 1602.60 M
<b>Start Date</b> 2002-03 (Expected)	<b>(Expected) Completion Date</b> 2006-07
<b>Contact Person with detailed address, telephone &amp; others</b>  Mr. Md. Saeedur Rahman, Project Director Elite House, 54 Motijheel CA (8th Floor) Dhaka Phone- 956 5420	
<b>General Objective</b>  Rehabilitation of 72 high risked Coastal Polders to keep them effective for flood protection of 846,107 ha, secure agriculture in 477,950 ha, shrimp culture in 3,761 ha, and salt production in 3,430 ha area.	
<b>Specific Objectives</b>  Construction of new/retired embankment-79 km, Re-sectioning of embankment – 124.5 km, New regulator-36, Repair of drainage sluice-268, Construction of inlet- 2, Bank protection-10.9 km to make the polders effective for secured livelihood and environment.	
<b>Activities Performed</b>	
<b>On-going Activities</b>  Preparing documents for Foreign Assistance	
<b>Brief Description of findings/results</b>	
<b>Technical Reports Prepared</b>  Technical reports prepared under Coastal Embankment Rehabilitation Project (CERP) - 2	

Status Date: June, 2002

**Local Government Engineering Department (LGED)****LGED - 04**

<b>Title</b> Rural Development Project – 22: Infrastructure Noakhali District		<b>Status</b> On-going
<b>Location</b> Noakhali District		
<b>Implementing Agency</b> LGED		
<b>Executing Organisation</b> LGED		
<b>Funding Agency</b> SDC and GOB	<b>Funds Allocated (optional)</b> BDT 870.66 ( PA-561.00)	
<b>Start Date</b> 1997-98	<b>(Expected) Completion Date</b> 2002-03	
<b>Contact Person with detailed address, telephone &amp; others</b> Abdul Jalil Dhali , Project Director, RDP-22, Level-8, LGED Bhaban, Agargaon, Dhaka.		
<b>General Objective</b> Increase of rural income and reduction of rural poverty in Noakhali District		
<b>Specific Objectives</b> <ul style="list-style-type: none"> <li>▪ Construction of more efficient rural transport trading infrastructure which responds to local priorities benefits the poor</li> <li>▪ Increase in technical &amp; financial sustainability of improved rural transport &amp; trading infrastructure at the local level</li> <li>▪ Strengthening institutional capability through participatory development of efficient sustainable, poverty-oriented rural transport and trading infrastructure</li> <li>▪ Rehabilitation of flood (1998) damaged structure (LGED Road) in the project area</li> </ul>		
<b>Activities Performed</b> Rehabilitation of flood damaged infrastructure		
<b>On-going Activities</b> <ol style="list-style-type: none"> <li>1. Upgrading of road</li> <li>2. Construction of Bridge/Culvert</li> <li>3. Market development</li> <li>4. Maintenance of LGED Core roads</li> <li>5. Small scale infrastructure development</li> </ol>		
<b>Brief Description of findings/results</b> <ul style="list-style-type: none"> <li>▪ Enhancement of livelihood by infrastructure development</li> <li>▪ Alleviation of poverty by Social Activities</li> </ul>		
<b>Technical Reports Prepared</b>		

Status Date: June, 2002

Title		Status
Rural Development Project-16		
Location		
Barguna and Patuakhali districts		
Implementing Agency		
LGED		
Executing Organisation		
DANIDA		
Funding Agency	Funds Allocated (optional)	
DANIDA		
Start Date	(Expected) Completion Date	
<b>Contact Person with detailed address, telephone &amp; others</b> Project Planning Advisor Rural Development Project-16 Project implementation office 16 (Old 113), Sabujbag 1 <sup>st</sup> lane, Patuakhali Tel: 0441-2616/2003 Fax: 0441-2616  Chief Project Advisor Rural Development Project-16 LGED Bhaban, 8 <sup>th</sup> floor Agargaon, Sher-e-Bangla Nagar Dhaka – 1207 Tel.: 02-9115072/9130789 Fax: 02-9117155		
<b>General Objective</b> To make a further contribution to the economic and social development of Patuakhali and Barguna districts.		
<b>Specific Objectives</b> <ul style="list-style-type: none"> <li>Improve the local trading and transport environment by the rehabilitation and maintenance of the physical infrastructure of a number of identified trading and transport networks.</li> <li>Provide direct employment opportunities for identified target groups and to bring this about by further development of the existing and planned LCS activities.</li> </ul>		
<b>Activities Performed</b>		
<b>On-going Activities</b> Construction of 165 km of FRB in 7 defined pre-selected road schemes including the following components <ul style="list-style-type: none"> <li>117 km of DBST road pavement</li> <li>48 km of DBST resurfacing of existing pavement</li> <li>111 km of tree planting and caretaking up to the completion of phase-II</li> <li>7 reinforced concrete bridges having a total length of 400 meters</li> <li>1 regular structure</li> <li>19 box culvert structures</li> <li>13 landing stations at river crossings for passenger ferry operations</li> <li>2 inland waterways ferries</li> <li>Environmental mitigation works</li> <li>70 km of excavated core and local waterways 22 landing stations.</li> <li>Development and maintenance of rural markets, hinterland roads and small water resources structures.</li> </ul>		
<b>Brief Description of findings/results</b>		
<b>Technical Reports Prepared</b>		

Status Date : November 19, 2001

Sector: Safety and Area Development

## LGED - 10

<b>Title</b> Small Scale Water Resources Development Sector Project at Thana & Union level (SSWRDSP)		<b>Status</b> On-going
<b>Location</b> Area coverage 37 districts includes 110 subprojects in 43 Upazilas of 10 coastal districts		
<b>Implementing Agency</b> Local Government Division.		
<b>Executing Organisation</b> Local Government Engineering Department (LGED)		
<b>Funding Agency</b> ADB, IFAD, RNE, GOB & Beneficiaries	<b>Funds Allocated (optional)</b> BDT 27146.00 lakh	
<b>Start Date</b> FY 1995-96	<b>Completion Date</b> 30 <sup>th</sup> June, 2002	
<b>Contact Person with detailed address, telephone &amp; others</b>  Mr. Md. Nurul Islam Project Director, SSWRDSP, LGED , LGED Bhaban (Level-II) Agargoan, Shere-e-Bangla Nagar, Dhaka-1207. Tel: 9127411 (Office), Fax: 9123169 E-mail: <a href="mailto:sswrdsn@lged.org">sswrdsn@lged.org</a>		
<b>General Objective</b>  Create sustainable increase in agricultural production and incomes of marginal and small farms holders. Establishment of sustainable O&M systems for small scale water resources project through beneficiary participation.		
<b>Specific Objectives</b>  Flood Control, Drainage Improvement and Command Area Development		
<b>Activities Performed</b>  Feasibility & Detailed Design of Sub-projects, Formation of WMCAs etc.		
<b>On-going Activities</b>  Sub-project Implementation		
<b>Brief Description of findings/results</b>  In completed sub-projects farmers have already started adopting new cropping pattern taking advantage of new environment generated by sub-projects. Benefit monitoring and evaluation of 32 completed sub-projects in 1999 indicate that major impacts on crop production resulted from flood protection and drainage during monsoon. During 1999 Kharif II and 1999-2000 Rabi season, cereal and non-cereal production increased by 39% and 10% respectively.		
<b>Technical Reports Prepared:</b>  Subproject Appraisal Report		

Status Date: January 15, 2001

Sector: Water Management

## LGED - 16

<b>Title</b> Cyclone Rehabilitation Project : Entire Coastal Area (1st Phase)		<b>Status</b> Completed																						
<b>Location</b> Chittagong, Cox's Bazar, Feni, Noakhali, Lakshmipur, Chandpur, Barisal, Bhola, Barguna, Patuakhali, Jhalkati, Pirojpur, Khulna, Bagerhat and Satkhira																								
<b>Implementing Agency</b>		LGED																						
<b>Executing Organisation</b>		LGED																						
<b>Funding Agency</b> OPEC, IDA and GOB	<b>Funds Allocated (optional)</b> BDT 1680.00 ( PA-																							
<b>Start Date</b> 1994-95	<b>(Expected) Completion Date</b> 2000-01 (Actual)																							
<b>Contact Person with detailed address, telephone &amp; others</b>  Project Director Cyclone Rehabilitation Project : Entire Coastal Area Road # 2/C , House # 4 , Pallabi , Mirpur , Dhaka - 1221 Phone : 801 7216																								
<b>General Objectives</b> <ul style="list-style-type: none"> <li>Establish improved road network, facilitate agriculture production and enhance rural socio-economic activities through rehabilitation, reconstruction and maintenance of rural infrastructure.</li> <li>Provide safe shelter and ensure safety to human being, cattle heads and other resources during natural disaster like cyclone &amp; tidal surge.</li> <li>Create direct short-term and long-term employment opportunities for the rural poor through rehabilitation and maintenance of the rural infrastructures.</li> </ul>																								
<b>Specific Objectives</b> <ul style="list-style-type: none"> <li>Restoration of communication network, socio-economic activities and increased agriculture production in project area.</li> <li>Provide safe shelter and ensure safety to human being, cattle heads and other resources during natural disasters like cyclone &amp; tidal surge.</li> <li>Creation of short-term and long-term employment opportunities for the rural poor through rehabilitation and maintenance of rural infrastructures.</li> </ul>																								
<b>Activities Performed:</b> <table border="0"> <tr> <td>Re-const/Rehab of FRB</td> <td>184.27 km</td> </tr> <tr> <td>Reconst/Rehab of RR</td> <td>810.57 km</td> </tr> <tr> <td>Re-const/Rehab of bridge/culvert on FRB</td> <td>326.73 m</td> </tr> <tr> <td>Re-const/Rehab of bridge/culvert on RR</td> <td>2289.80 m</td> </tr> <tr> <td>Re-const of steel bridge on RR</td> <td>1816.92 m</td> </tr> <tr> <td>Jetties/Ghat/Landing ramps</td> <td>4 nos.</td> </tr> <tr> <td>Const of stackyard/Functional building</td> <td>1 no.</td> </tr> <tr> <td>Rehab/Imp of Growthcenter/Rural market</td> <td>68 nos.</td> </tr> <tr> <td>Rep/Maint of TTDC/XEN office &amp; Res building</td> <td>39 nos.</td> </tr> <tr> <td>Rep/Re-const of UP office bhaban</td> <td>100 nos.</td> </tr> <tr> <td>Rep/Maint of Cyclone Shelter</td> <td>50 nos.</td> </tr> </table>			Re-const/Rehab of FRB	184.27 km	Reconst/Rehab of RR	810.57 km	Re-const/Rehab of bridge/culvert on FRB	326.73 m	Re-const/Rehab of bridge/culvert on RR	2289.80 m	Re-const of steel bridge on RR	1816.92 m	Jetties/Ghat/Landing ramps	4 nos.	Const of stackyard/Functional building	1 no.	Rehab/Imp of Growthcenter/Rural market	68 nos.	Rep/Maint of TTDC/XEN office & Res building	39 nos.	Rep/Re-const of UP office bhaban	100 nos.	Rep/Maint of Cyclone Shelter	50 nos.
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Rep/Maint of TTDC/XEN office & Res building	39 nos.																							
Rep/Re-const of UP office bhaban	100 nos.																							
Rep/Maint of Cyclone Shelter	50 nos.																							
<b>On-going Activities</b> This phase (1 <sup>st</sup> Phase) is complete.																								
<b>Brief Description of findings/results</b> Development of a) physical infrastructure including roads and growth centers; b) irrigated agricultural, drainage and minor flood control work; and c) Production and employment program (PEP) for the rural poor. Positive impacts observed ; (1) easier access to the farm and service facilities (2) easier to get agricultural inputs/outputs (3) stimulate to local industries/trades (4) increase the income generating activities and employment opportunities in rural area in this project (5) reduce transport cost.																								
<b>Technical Reports Prepared</b>																								

Status Date: June, 2002

## LGED - 16

<b>Title</b> Cyclone Rehabilitation Project : Entire Coastal Area (2 <sup>nd</sup> Phase)		<b>Status</b> Ongoing
<b>Location</b> Chittagong, Cox's Bazar, Feni, Noakhali, Lakshmipur, Chandpur, Barisal, Bhola, Barguna, Patuakhali, Jhalkati, Pirojpur, Khulna, Bagerhat and Satkhira		
<b>Implementing Agency</b> LGED		
<b>Executing Organisation</b> LGED		
<b>Funding Agency</b> OPEC and GOB	<b>Funds Allocated (optional)</b> BDT 1800 M (PA-1350)	
<b>Start Date</b> 2001-02	<b>(Expected) Completion Date</b> 2005-06	
<b>Contact Person with detailed address, telephone &amp; others</b>  Project Director , Cyclone Rehabilitation Project : Entire Coastal Area Road # 2/C , House # 4 , Pallabi , Mirpur ,Dhaka - 1221 Phone : 801 7216		
<b>General Objective</b> <ul style="list-style-type: none"> <li>Construction and rehabilitation of incomplete infrastructure of 1<sup>st</sup> phase which will contribute to an improved and more spreader rural road communication network to provide facilities for expanded commercial and socio-economic activities.</li> <li>Creation of short-term and long-term employment opportunity for the rural poor through construction and maintenance of rural infrastructure i.e. through development work.</li> <li>Creation of indirect employment opportunities in agricultural and nonagricultural sector through the development work of infrastructure.</li> </ul>		
<b>Specific Objectives</b> <ul style="list-style-type: none"> <li>Establish improved road network, facilitate agricultural production and enhance rural socio-economic activities through rehabilitation, reconstruction maintenance of rural infrastructures.</li> <li>Provide safe shelter and ensure safety to human beings, cattle heads and other resources during natural disasters like cyclone &amp; tidal surge.</li> <li>Create direct short-term and long-term employment opportunities for the rural poor through rehabilitation and maintenance of the rural infrastructures.</li> </ul>		
<b>Activities Performed</b> Rehab/imp. Growth center/Rural market – 4nos. ; Rep/Maint. of TTDC/XEN office & res. Building – 4 nos.; Rep/Re-cons. of office bhaban – 2 nos.		
<b>On-going Activities</b> <ul style="list-style-type: none"> <li>Targets and major components of the project : <ul style="list-style-type: none"> <li>Re-const/Rehab of FRB 136.00 km</li> <li>Reconst/Rehab of RR 544.00 km</li> <li>Re-const/Rehab of bridge/culvert on FRB 488.00 m</li> <li>Re-const/Rehab of bridge/culvert on RR 1170.00 m</li> <li>Re-const of steel bridge on RR 780.00 m</li> <li>Jetties/Ghat/Landing ramps 24 nos.</li> <li>Const of stackyard/Functional building 1 no.</li> <li>Rehab/Imp of Growthcenter/Rural market 40 nos.</li> <li>Rep/Maint of TTDC/XEN office &amp; Res building 20 nos.</li> <li>Rep/Re-const of UP office bhaban 15 nos.</li> </ul> </li> </ul>		
<b>Brief Description of findings/results</b> The loan of the project is not yet effective for which the implementation is not started in full swing..k		
<b>Technical Reports Prepared</b>		

Status Date: June, 2002





**Forest Department (FD)****FD -02**

<b>Title</b>		<b>Status</b>	
Coastal Greenbelt Project (CGP)		On-going	
<b>Location</b>			
Chittagong, Cox's Bazar, Feni, Noakhali, Laxmipur, Bhola, Patuakhali, Barguna, Barisal, Jhalukati, Pirojpur, Bagerhat.			
<b>Implementing Agency</b>			
Forest Department (FD) of the Ministry of Environment and Forest			
<b>Executing Organisation</b>			
Forest Department (FD)			
<b>Funding Agency</b>		<b>Funds Allocated (optional)</b>	
Asian Development Bank (ADB)			
<b>Start Date</b>		<b>Completion Date</b>	
June 1995		June 2002	
<b>Contact Person with detailed address, telephone &amp; others</b>			
1. Md. Abdul Mutaleb Conservator of Forests Coastal Circle Bana Bhaban Mohakhali, Dhaka. Phone: 882 69 64 (Off.)		2. Md. Ikhlil Mandol Project Director Coastal Greenbelt Project Bana Bhaban Mohakhali, Dhaka. Phone: 988 68 87 (Off.)	
<b>General Objective</b>			
The objective of the CGP project is to protect and improve the coastal environment by augmenting tree cover in the coastal region and to help reduce poverty of the local population by generating supplementary income opportunities through the use of state owned fallow land.			
<b>Specific Objectives</b>			
<ul style="list-style-type: none"> <li>To raise plantation along the embankment, roadsides and rail sides, in homestead and foreshore areas.</li> <li>To help to increase the stability of the coastal embankments.</li> <li>To impart training to the youths and elders regarding raising nurseries, tree growth and management leading towards income generation and self-reliance.</li> <li>To create awareness to the people of the country regarding the importance of tree planting and afforestation.</li> <li>To create shelter belt along the coast.</li> </ul>			
<b>Activities Performed</b>			
The principal activities performed upto June 2000 are as follows:			
Name of Activities		Achievements	
1. Embankment Plantation		1126 km.	
2. Roads and Highway plantation		624 km.	
3. Railway plantation		37 km.	
4. Feeder road plantation		5052 km.	
5. Foreshore plantation		450 ha.	
6. Distribution of seedlings for homestead plantation		8.58 million	
7. Distribution of seedlings for institution plantation		3.98 million	
8. Distribution of seedlings at raising cost		12.51 million	
9. Social forestry training		33481 Persons	
10. Departmental training		515 Persons	
11. Temporary Nursery establishment		111 nos.	
12. Non-residential building construction		4 nos.	
13. Residential building construction		4 nos.	

**On-going Activities**

Name of Activities	
1. Embankment Plantation	277 km.
2. Roads and Highway plantation	152 km.
3. Railway plantation	-
4. Feeder road plantation	1520 km.
5. Foreshore plantation	250 ha.
6. Distribution of seedlings at raising cost	4.54 million
7. Social forestry training	70030 Persons
8. Departmental training	171 Persons
9. Temporary Nursery establishment	68 nos.
10. Residential building construction	2 nos.

**Brief Description of findings/results**

54.87% of the total work has been achieved by June 2000.

**Constraints:-**

- Delay in signing the benefit sharing agreement by land owning agency likes B.W.D.B. Roads & highways. Railway department LGED & other stakeholders.
- Grazing problems.
- Settler problems in the Embankment area.

**Technical Reports Prepared**

Status Date: April 17, 2001

Sector: Productive Resources Management

## FD - 04

<b>Title</b>		<b>Status</b>	
Forestry Sector Project (FSP)		On-going	
<b>Location</b>			
All over Bangladesh except Barisal, Jhalokati, Patuakhali, Barguna, Bhola, Bagerhat, Pirojpur, Lakshmipur, Noakhali, Feni, Rangamatia and Khagrachari. i.e. 52 districts			
<b>Implementing Agency</b>			
Ministry of Environment & Forests (MoEF)			
<b>Executing Organisation</b>			
Department of Forest (DF)			
<b>Funding Agency</b>		<b>Funds Allocated (optional)</b>	
Asian Development Bank (ADB)			
<b>Start Date</b>		<b>Completion Date</b>	
January 1997		June 2004	
Contact Person with detailed address, telephone & others			
1.	Md. Abdul Mutaleb Conservator of Forests Coastal Circle Bana Bhaban Mohakhali, Dhaka. Phone: 882 69 64 (Off.)	2.	Anwar Faruque Project Director Forestry Sector Project Bana Bhaban Mohakhali, Dhaka. Phone: 882 77 91 (Off.)
<b>General Objective</b>			
<ul style="list-style-type: none"> <li>To increase overall tree resource base of the country.</li> <li>To arrest depletion of forest resources.</li> <li>To enhance conservation of forests in selected protected areas and attain sustainable management of forest resources through local community participation.</li> </ul>			
<b>Specific Objectives</b>			
<ul style="list-style-type: none"> <li>To bring all the available and fallow lands e.g. the roadsides, canal bank, railway lines, the degraded Sal forests and USF under vegetative cover.</li> <li>To introduce social forestry practice in forest conservation.</li> </ul>			
<b>Activities Performed</b>			
The principal activities performed upto June 2000 are as follows:			
Name of Activities			
1. Woodlot Plantation		33.12 ha.	
2. Agro-forestry		75 ha.	
3. Distribution of seedlings for institution plantation		.02 lac	
4. Strip plantation		231 km.	
5. Char plantation		-	
6. Barendragully		-	
7. Reconstruction of ponds and dighi and plantaion		-	
8. Seedlings raising through FENTC and Thana nursery development.		169.564 lac	
9. Sal coppice management		-	
10. Conservation area management		-	
11. Sal forest survey and map preparation		7950 ha.	
12. Social analysis and survey		5143 nos. household	
13. Vehicles purchased		326 nos.	

**On-going Activities**

Name of Activities	
1. Woodlot Plantation	2368.19 ha.
2. Agro-forestry	1358.37 ha.
3. Distribution of seedlings for institution plantation	12.217 lac
4. Strip plantation	1825.8 km.
5. Char plantation	29.95 ha.
6. Barendragully	12.87 km.
7. Reconstruction of ponds and dighi and plantaion	12.42 ha.
8. Seedlings raising through FENTC and Thana nursery development.	48.00 lac
9. Sal coppice management	1450.00 ha.
10. Conservation area management	6086.00 ha.
11. Sal forest survey and map preparation	Partial
12. Social analysis and survey	1000 nos. household
13. Vehicles purchase	48 nos.

**Brief Description of findings/results**

6.33% of the total work has been achieved within June 2000.

**Technical Reports Prepared**

Status Date: April 17, 2001

Sector: Productive Resources Management

## FD - 06

<b>Title</b> <b>Biodiversity Conservation in the Sundarban Reserve Forest</b>		<b>Status</b> On-going								
<b>Location</b> The Sunderbans Reserve Forest (SRF) comprises 6017 sq.km. The project area also includes an Impact Zone comprising 17 upazillas extending about 20km north and east of the SRF and a 20km Marine Zone extending into the Bay of Bengal										
<b>Implementing Agency</b> Department of Forest (DF)										
<b>Executing Organisation</b> Arcadis Euroconsult, Netherlands; Winrock International, USA; Kranti Associates Ltd, Bangladesh; NACOM, Bangladesh.										
<b>Funding Agency</b> Asian Development Bank (ADB) Global Environment Facility (GEF) and Government of the Netherlands Government of Bangladesh	<b>Funds Allocated (optional)</b> A total of US\$ 77.5 million including ADB Loan US\$ 33.9 million; GEF Grant US\$ 12.2 million; Netherlands grant US\$ 3.1million									
<b>Start Date</b> April 2000	<b>(Expected) Completion Date</b> June 2006									
<b>Contact Person with detailed address, telephone &amp; others</b> Mr. AZM Shamsul Huda, Project Director, SBCP, Forest Dept., College Road, Boyra, Khulna; Tel – 041-761 865  Mr. Md. Abdul Mutaleb, Conservator of Forests, Coastal Circle, Bana Bhaban, Mohakhali, Dhaka. Phone: 882 69 64 (Off.)  Mr. Stephen Devenish, Team Leader, SBCP Consultancy Office, House 64, Road 4, Sonadanga, Khulna Tel – 041-761 864 ; Fax – 041-722 175										
<b>General Objective</b>  The overall objective is to develop a sustainable management and biodiversity conservation system for all resources of the Sundarbans Reserve Forest (SRF)										
<b>Specific Objectives</b> <ul style="list-style-type: none"> <li>▪ To promote &amp; implement a system of bio-diversity conservation &amp; sustainable forest management system.</li> <li>▪ To improve the institutional capacity to manage the SRF itself.</li> <li>▪ To reduce the poverty level of about 3.5 million people living in the impact zone by expanding economic opportunities, improving social infrastructure, improving organization for resource users and facilitating stakeholder participation in resource management.</li> <li>▪ To undertake activities adhering to increase awareness of the environment and ecotourism and building necessary infrastructure.</li> <li>▪ To carry out silvicultural trials, study and research for improvement.</li> <li>▪ To provide technical consultancies, feasibility studies, monitoring, other services etc.</li> <li>▪ To establish mangrove arboretum the pioneer one regarding mangroves in Bangladesh.</li> <li>▪ To develop a strong forestry database through MIS for the country as well as for the international users.</li> <li>▪ To develop a sound wild life management system for the Sundarbans.</li> <li>▪ To improve planning, monitoring and applied research capabilities.</li> <li>▪ To reduce the extent of pollution by effluents from KNM.</li> <li>▪ To provide training to a large number of professionals and user groups.</li> </ul>										
<b>Activities Performed</b>  The principal activities performed upto June 2000 are as follows: <table border="1" style="width: 100%;"> <tr> <th>Name of Activities</th> <th></th> </tr> <tr> <td>1. Enrichment Plantation</td> <td>Nursery for 100 ha. pln.</td> </tr> <tr> <td>2. Gol pata plantation</td> <td>60 ha.</td> </tr> <tr> <td>3. Homestead plantation</td> <td>2 lac seedlings</td> </tr> </table>			Name of Activities		1. Enrichment Plantation	Nursery for 100 ha. pln.	2. Gol pata plantation	60 ha.	3. Homestead plantation	2 lac seedlings
Name of Activities										
1. Enrichment Plantation	Nursery for 100 ha. pln.									
2. Gol pata plantation	60 ha.									
3. Homestead plantation	2 lac seedlings									

**On-going Activities**

Name of Activities	
1. Enrichment Plantation	100 ha.
2. Gol pata plantation	80 ha.
3. Homestead plantation	2 lac seedlings
4. Assisted natural regeneration	79 ha.
5. Road side and embankment plantation	50 km.

Review of studies & literature

Reconnaissance of Impact Zone- Upazila Profiles

Community development & social forestry in impact zone

Training

**Brief Description of findings/results**

0.98% of the total work has been achieved within June 2000.

**Technical Reports Prepared**

Inception Report, November 2000

Fisheries of the Sundarbans (Draft) – Interim Technical Report, vol 1 & 2, 26<sup>th</sup> July 00, Gary Bernacsek

Upazilla profiles and community development action plan for Satkhira district, 29 th July 2000, Andrew Jenkins

Report on species database user manual, May 2001, Mr. Walther Warner

Update on TSI interventions in 2000, 2001 and 2002, May 2001, Wandert Benthem

Consolidated fisheries TOR, 3<sup>rd</sup> April 2000, Garry Bernacsek

Workplan for apiculture, 5<sup>th</sup> May 2000, Michael Burgett

Fisheries survey of North central Sundarbans, 27 th June 2000, Garry Bernacsek

Workplan for community development specialist, 29<sup>th</sup> July 2000, S. Shaha

Status Date : April 17, 2001

Sector: Environment

**Department of Fisheries ( DoF)****DoF - 01**

<b>Title</b> Patuakhali Barguna Aquaculture Extension Project		<b>Status</b> On-going
<b>Location</b> All Upazila of Patuakhali and Barguna district		
<b>Implementing Agency</b> Department of Fisheries (DoF)		
<b>Executing Organisation</b> DoF and DA NIDA TA Team		
<b>Funding Agency</b> DANIDA and GoB	<b>Funds Allocated (optional)</b> BDT 318.05 (PA-308.69)	
<b>Start Date</b> 1994-95	<b>(Expected) Completion Date</b> 2003-04	
<b>Contact Person with detailed address, telephone &amp; others</b>  Mr. Wahidunnabi Choudhury Project Director Patuakhali Barguna Aquaculture Extension Project College Road Patuakhali Tel – 0441-62169/62098		
<b>General Objective</b>  The development objective of the project is to achieve a strengthened socio-economic position and physical well being of the target group of poor men and women belonging to landless and marginal households, thus enabling them to improve their participation in social and economic development. The intermediate objective of the project is to achieve enhanced opportunities for productive employment of target group members through increased aquaculture production in the project area.		
<b>Specific Objectives</b>  The project has two components - aquaculture and fisheries. The immediate objectives of both components are to achieve –  Aquaculture component Increased production in closed water bodies (ponds and jalmohals) through application of improved aquaculture techniques Improved capacity for aquaculture promotion and extension at the upazila level and also training of secondary target group i.e. fingerling operators, fry traders, primary teachers etc. Improved possibilities for pond operators to obtain production loans from authorized credit institutions in the area.  Fisheries component A community fisheries management model developed and tested in the area cage culture. Aiming at a sustainable exploitation of the resources.		
<b>Activities Performed</b>		
<b>On-going Activities</b>		
<b>Brief Description of findings/results</b>		
<b>Technical Reports Prepared</b>		

Status Date : June 2002

Sector: Productive Resources Management

## DoF - 02

Doc - 02

Title		Greater Noakhali Aquaculture Extension Project		Status		On-going	
Location		All 14 Upazila of Noakhali, Lakshmipur and Feni districts					
Implementing Agency		Department of Fisheries (DoF)					
Executing Organisation		DoF and DANIDA TA Team & CODEC					
Funding Agency		DANIDA and GoB		Funds Allocated (optional)		BDT 358.12m (PA-341.13)	
Start date		1994-95		(Expected) Completion Date		2003-04	
Contact Person with detailed address, telephone & others							
Mr. Wahidunnabi Choudhury Project Director GNAEP House 16, Road 36, Maijdee Housing Estate, Noakhali 3800 Phone 0321-5473							
General Objective							
<ul style="list-style-type: none"><li>Strengthen socio-economic position and physical well-being of the target group of poor men and women belonging to landless and marginal households and enable them to improve their participation in social and economic development.</li><li>Enhance opportunities for productive employment of target group</li><li>Increase fish production in closed water bodies through application of improved aquaculture techniques</li><li>Improve capacity for aquaculture promotion and extension</li></ul>							
Specific Objectives							
<ul style="list-style-type: none"><li>increase fish production in the closed water bodies through application of semi-intensive/integrated fish culture techniques to reach an average production of not less than 3300 kg/ha/year comprising 3000 kgs finfish and 300 kg/ha/yr prawns.</li><li>initial target of 25000 ponds has been set with 3300 demonstration ponds, 3900 credit farmers and 17800 contact farmers out of which 30% or 7500 will be woman</li><li>develop a supportive chain of carp and prawn hatcheries as well as affording support to nursery operators, fry and fingerling traders, fishermen and fish market operators</li><li>technical capacity building for the DoF and NGO staff. A total of 300 local people will be trained as extension trainers.</li><li>NGO will operate and provide credit and technical support to the rural poor for aquaculture development</li><li>the fresh water prawn hatchery established by the project will supply post larval animals to the farms of the project area. Back-yard prawn hatcheries and nursery facilities will be promoted.</li></ul>							
Activities Performed							
On-going Activities							
Brief Description of findings/results							
About 40,000 persons are expected to get part-time employment and 7000 full time employment opportunity in fry transportation and fish marketing.							
Technical Reports Prepared							
<ul style="list-style-type: none"><li>Guideline for Micro-credit (March 1999)</li><li>Pond Aquaculture Extension Strategy (May 1999)</li><li>Operation Manual for Shrimp Aquaculture (May 1999)</li><li>Technical guideline for Extension Trainer on Carp Polyculture will Freshwater Golda in Pond (August 1999)</li><li>Report on Hatchery Survey in GNAEP working Area (Sept 1999)</li><li>Report on Baseline Survey of Pond and Pond Operators of Ramgati Thana of Lakshmipur District (January 2000)</li></ul>							



## DoF - 06

<b>Title</b> Fourth Fisheries Project (FFP)		<b>Status</b> On-going
<b>Location</b>		
<b>Implementing Agency</b> Department of Fisheries (DOF) Bangladesh Water Development Board (BWDB) Local Government Engineering Department (LGED)		
<b>Executing Organisation</b>		
<b>Funding Agency</b> World Bank (WB) Global Environmental Facility (GEF) Department for International Development (DFID)		<b>Funds Allocated (optional)</b>
<b>Start Date</b> Five years, August 1999		<b>Completion Date</b> December 2004
<b>Contact Person with detailed address, telephone &amp; others</b> Mr. David Edwards Team Leader TA Team Dhaka  Mr. Md. Rafiqul Islam Project Co-ordinating Director Fourth Fisheries Project Matshaya Bhaban Dhaka		
<b>General Objective</b> <ul style="list-style-type: none"> <li>improvement of inland open-water fisheries management through the development of sustainable, community-based institutions;</li> <li>establishment of sustainable and equitable institutional arrangements for managing shrimp polders and works to facilitate the development of environmentally friendly smallholder shrimp production;</li> <li>improvement of sustainability of shrimp fry collection;</li> <li>development and application of an appropriate extension strategy for freshwater aquaculture;</li> <li>studies of key issues in aquatic resource development and management; and</li> <li>strengthening the capacity of DOF to manage and support the fisheries sector, plan for its development and long-term sustainability and implement national fisheries policy.</li> </ul>		
<b>Specific Objectives</b>		
<b>Activities Performed</b>		
<b>On-going Activities</b>		
<b>Brief Description of findings/results</b>		

Status Date: January 28, 2001

Sector: Productive Resource Management

**DoF - 08**

<b>Title</b> Poverty Alleviation through Integrated Fishery Program		<b>Status</b> On-going
<b>Location</b> Whole Bangladesh		
<b>Implementing Agency</b> Department of Fisheries (DoF)		
<b>Executing Organisation</b> Department of Fisheries		
<b>Funding Agency</b> GoB	<b>Funds Allocated (optional)</b> BDT 293.21 million	
<b>Start date</b> 1999-00	<b>(Expected) Completion Date</b> 2003-04	
<b>Contact Person with detailed address, telephone &amp; others</b> Mr. Mahbubur Rahman Project Director Matshya Bhaban Dhaka 1000 Phone: 9569295		
<b>General Objective</b>  Development of water bodies suitable for aquaculture; Training the target groups and generation of employment.		
<b>Specific Objectives</b> <ul style="list-style-type: none"> <li>▪ Develop water bodies suitable for aquaculture through involving rural poor, distressed women, fish farmer, fishermen and unemployed youth;</li> <li>▪ Create employment opportunity by income generating activities like interrelated aquaculture and poultry farming, plantation etc.;</li> <li>▪ Develop derelict ponds, silted rivers, canals, hoars, boars, barrow pits, road side ditches etc.;</li> <li>▪ Participatory involvement of target group;</li> <li>▪ Improvement of environmental conditions through sustainable aquaculture activities.</li> </ul>		
<b>Activities Performed</b>		
<b>On-going Activities</b> <ul style="list-style-type: none"> <li>▪ Improvement of water bodies</li> <li>▪ Purchase of fingerlings and supplementary fish food</li> <li>▪ Grass cultivation</li> <li>▪ Cultivation of fruits and vegetables</li> <li>▪ Training</li> </ul>		
<b>Brief Description of findings/results</b>  Results to be evaluated		
<b>Technical Reports Prepared</b>		

## DoF - 11

<b>Title</b> Empowerment of Coastal Fishing Communities for Livelihood Security)		<b>Status</b> On-going
<b>Location</b> Kutubdia, Chokoria & GEF sites in Cox's Bazar		
<b>Implementing Agency</b> Department of Fisheries, Ministry of Fisheries & Livestock / FAO of the UN		
<b>Executing Organisation</b>		
<b>Funding Agency</b> UNDP/GEF/GoB	<b>Funds Allocated (optional)</b>	
<b>Start Date</b> November 1998	<b>(Expected) Completion Date</b> November 2003	
<b>Contact Person with detailed address, telephone &amp; others</b> Mr. Mosleh Uddin National Project Director Empowerment of Coastal Fishing Communities for Livelihood Security Department of Fisheries Cox's Bazar  Dr. Dilip Kumar Team Leader Empowerment of Coastal Fishing Communities for Livelihood Security Jalpuri Kolatali Road Cox's Bazar		
<b>General Objective</b>  To establish environmentally sound sustainable coastal fisheries development programme through the empowerment and full participation of coastal population both in planning and implementation, and consequently to improve socio-economic condition and food security of people in coastal fishing communities		
<b>Specific Objectives</b>		
<b>Activities Performed</b>		
<b>On-going Activities</b>		
<b>Brief Description of findings/results</b>		
<b>Technical Reports Prepared</b>		

Status Date:

Sector: Productive Resources Management



**Department of Agriculture Extension (DAE)****DAE – 05**

<b>Title</b> Agricultural Services Innovation and Reform Project		<b>Status</b> On-going
<b>Location</b> 468 upazila of 64 districts		
<b>Implementing Agency</b> Agriculture Extension Division		
<b>Executing Organisation</b> Agriculture Extension Division		
<b>Funding Agency</b> IDA, DFID, FAO and GOB	<b>Funds Allocated (optional)</b>	
<b>Start Date</b> July, 1999	<b>(Expected) Completion Date</b> June 2002	
<b>Contact Person with detailed address, telephone &amp; others</b>		
<b>General Objective</b>		
<b>Specific Objectives</b> <ul style="list-style-type: none"> <li>Retain the acquired success of Agricultural Support Services Project (ASSP)</li> <li>Strengthening collaboration among the Department of Agricultural Extension (DAE), Government Organizations and other organizations related with agricultural sector through appropriate implementation of New Agriculture Extension Policy.</li> <li>Increase of agriculture production through on-farm water management, increment of soil fertility, crop yield forecasting and increment of cropping intensity by crop diversity.</li> <li>Give advisory services to the peasants after examining the locally praised agriculture technologies.</li> </ul>		
<b>Activities Performed</b>		
<b>On-going Activities</b> <ul style="list-style-type: none"> <li>The project has the following components</li> <li>Give continuous support to the change and development of the Department of Agriculture Extension</li> <li>Partnership Initiative Program</li> <li>Upazila Partnership Initiatives Fund (UPIF)</li> <li>District Partnership Initiatives Fund (DPIF)</li> <li>National Partnership Initiatives Fund</li> <li>Integrated Extension Service</li> <li>Special Program for Food Security</li> <li>On-farm Water Management</li> <li>Crop Yield Forecasting &amp; Agro-Meteorology</li> <li>Soil Testing and Soil Fertility Management</li> </ul>		
<b>Brief Description of findings/results</b>		
<b>Technical Reports Prepared</b>		

Status Date : November 19, 2001

Sector: Productive Resources Management



## Department of Public Health Engineering (DPHE)

DPHE – 05

DPHE-65

<b>Title</b> Water Supply, Sanitation, Drainage and Waste Disposal Project in Municipality, Thana and Growth Centre (Noakhali, Feni, Lakshmipur, Patuakhali and Barguna districts)		<b>Status</b> On-going
<b>Location</b> Barisal, Pirojpur, Jhalokati, Patuakhali, Barguna, Lakshmipur, Noakhali, Feni, Khagrachari, Rangmati and Bandarban		
<b>Implementing Agency</b> DPHE		
<b>Executing Organisation</b> DANIDA		
<b>Funding Agency</b> Danida	<b>Funds Allocated (optional)</b> BDT 2529.70 (PA-2106.80)	
<b>Start Date</b> 1997	<b>(Expected) Completion Date</b> 2006	
<b>Contact Person with detailed address, telephone &amp; others</b> Central Co-ordination Unit, Dhaka DPHE-Danida Water Supply and Sanitation Components 14 Shahid Captain Mansur Ali Sharoni, DPHE Bhaban Kakrail, Dhaka-1000 Tel.: 880-2-9346167-70 Fax: 880-2-9344791 <a href="mailto:E-mail-watsap@dhaka.agni.com">E-mail-watsap@dhaka.agni.com</a>		
<b>General Objective</b> The project activities are divided into five components <ul style="list-style-type: none"><li>Urban Water and Sanitation Component</li><li>Rural Water and Sanitation Component</li><li>Chittagong Hill Tracts Pilot Project</li><li>Chittagong Hill Tracts Component</li><li>Arsenic Mitigation Pilot Project</li></ul> The development objective of the components are to improve health condition in the target communities by providing safe drinking water and environmental sanitation services, with particular emphasis on the sustainability of the systems.		
<b>Specific Objectives</b> <ul style="list-style-type: none"><li>Urban Water and Sanitation Component<ul style="list-style-type: none"><li>Ensure the availability of functioning water supply and sanitation systems</li><li>Educate the beneficiaries on system use and hygiene</li><li>Facilitate financial, technical and administrative sustainability among the involved local authorities.</li></ul></li><li>Rural Water and Sanitation Component<ul style="list-style-type: none"><li>Improve the behavioral pattern of men, women and children with respect to the use of safe water and sanitary facilities.</li><li>Increase hygiene awareness</li><li>Increase coverage with fully accessible and functional water supply facilities</li><li>Increase the operation and maintenance capability of the population receiving caretaker training</li><li>Strengthen the capacity of DPHE/Local government/ NGOs' in accordance with their comparative advantages to provide sustainable water supply, sanitation facilities and hygiene promotion to rural populations.</li></ul></li><li>Chittagong Hill Tracts Pilot Project and Component<ul style="list-style-type: none"><li>Identify, test and disseminate appropriate institutional and technical options for the provision of water supply and sanitation facilities in CHT.</li><li>Provide improved, appropriate and sustainable water supply and sanitation facilities to the rural population in CHT</li><li>Improve the capacity of local stakeholders to promote better hygiene practices</li></ul></li><li>Arsenic Mitigation Pilot Project<ul style="list-style-type: none"><li>Formulate and define a future Danida strategy for arsenic and an arsenic component in Danida's Sector Program Support Water Supply and Sanitation</li><li>Identify areas of co-operation and define responsibilities of Danida and the World Bank in Danida areas respectively.</li><li>Identify and test technical solutions for arsenic mitigation.</li></ul></li></ul>		

<b>Activities Performed</b>	
1.	Urban Water and Sanitation Component
–	Improved and piped water supply in 9 selected pourashavas
–	3400 deep hand tube-wells installed
–	up to 3400 Arsenic Removal Units installed
–	142 km drains rehabilitated and constructed.
–	Household sanitation improved through the provision of 5580 household latrines
–	Environmental sanitation improved through the 42 new and 99 rehabilitated public toilets
–	Environmental hygiene improved through the introduction of new or improved solid waste collection systems, including dustbins, pushcarts and trailers/trucks
–	Staff trained to administer, operate and maintain the new facilities and systems
–	Raised awareness of hygiene among the target groups
–	Improved capacity of local concerned authorities and involved organizations.
2.	Rural Water and Sanitation Component
–	Contract signed between the national NGO and the component
–	NGO offices established at all level
–	Operation procedure and guidelines prepared
–	Monitoring and evaluation system established
–	Local stakeholders trained
–	12570 water points established
–	Rain water harvesting schemes implemented
–	Existing non-functioning Pond Sand Filters (PSFs) and Iron Removal Plants (IRPs) rehabilitated
–	post-construction mobilization and caretaker training carried out
–	Families encouraged to apply consistent hygiene behavior with respect to the use of safe water and sanitation
3.	Chittagong Hill Tracts Pilot Project and Component
–	Local government authorities and stakeholders trained
–	15 spring protection schemes demonstrated and 170 implemented
–	6 gravity piped schemes demonstrated and 72 implemented
–	15 new ring wells demonstrated and 240 implemented
–	15 rehabilitated ring wells demonstrated and 300 implemented
–	30 infiltration galleries demonstrated and 170 implemented
–	30 rain water harvesting schemes demonstrated and 180 implemented
–	15 hand pump schemes demonstrated and 240 implemented
4.	Arsenic Mitigation Pilot Project
–	Training materials developed and tested
–	Involved local authorities, private sector and field workers trained
–	Monitoring system established
–	GIS established
–	BTU Technology made available in the local community
–	4500 BTU's installed and used at household level
–	8 different technologies tested & compared
–	30 F&D – community level removal technology installed
–	30 underground propitiation & absorption systems
–	4500 families informed & educated
–	Caretakers for community based technology trained.
<b>On-going Activities</b>	
<b>Brief Description of findings/results</b>	
<b>Technical Reports Prepared</b>	



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Status Date :	Sector: Water Supply and Sanitation
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## Appendix B: FACT SHEETS OF NGO PROJECTS

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## COAST

## COAST - 01

<b>Title</b> Development of Sustainable Aquaculture Project (DSAP)		<b>Status</b> On-going
<b>Location</b> Five Upazilas namely, Charfesson, Lalmohan, Daulatkhan, Tazumuddin, Burhanuddin of Bhola Districts		
<b>Implementing Agency</b> COAST Trust		
<b>Executing Organisation</b> ICLARM Bangladesh		
<b>Funding Agency</b> USAID		<b>Funds Allocated (optional)</b> BDT 832,879 for the 1 <sup>st</sup> year
<b>Start Date</b> 1 <sup>st</sup> April, 2002		<b>Completion Date</b> Four years (2002-2005) project to be renewed in each year
<b>Contact Person with detailed address, telephone &amp; others</b> Md. Shamsuddoha Senior Coordinator – Coastal Livelihood Security and Advocacy COAST Trust, House 9/4 Road 02, Shyamoli, Dhaka Phone: 02-8125181, 017881645 Fax: 02-9129395 E-mail: <a href="mailto:coasttst@citechco.net">coasttst@citechco.net</a>		
<b>General Objective</b> To increase the fish production of small-scale rural farmers and to improve the household incomes and livelihood of these resource limited people.		
<b>Specific Objectives</b> <ul style="list-style-type: none"> <li>– To extend and popularized culture fisheries in coastal areas using the technologies which are feasible, affordable and acceptable to the poor and small-scale aqua farmers.</li> <li>– To ensure maximum utilization of the household physical resources.</li> <li>– To create diversified livelihood and income generation sources.</li> <li>– To develop resource farmer in community level so that community people can avail respective skill and expertise at low cost whenever needed.</li> </ul>		
<b>Activities Performed</b> <ul style="list-style-type: none"> <li>– Staff Recruitment (PC &amp; FA)</li> <li>– Pond preparation</li> <li>– Fingerling stocking and management</li> <li>– 1<sup>st</sup> Follow-up training to staff</li> <li>– Farmers Training</li> <li>– Working area selection</li> <li>– Staff Foundation Training</li> <li>– Farmer and Demo Plot Selection</li> </ul>		
<b>On-going Activities</b> 1 <sup>st</sup> follow-up training to farmers Selection of rice field for Tilapia farming Farmers training on Tilapia farming Tilapia fry collection from FRI Mymensingh Strengthening of dike cropping (integration of aquaculture and agriculture) Farmers visit to other NGOs implementing the same		
<b>Brief Description of findings/results</b>  We have selected 250 demonstration plot in 5 thanas, 50 from each of Bhola district among which 42 are female. There have several technology options like carp nursery, carp polyculture, carp golda mixed culture, carp pangus mixed culture, fish culture in rice field etc. but farmers his/herself selects the technology type basing on his/her physical resources and capacity. Such flexibility makes farmers spontaneous in all aspect of fish culture activities.		

To solve technological problem through participatory way farmer's irrespective of technology patterns and living in a pocket area has been linked each other forming a group comprising with 5/7 members. Each group is identified by a specific nominal identity and directed by a selected committee member like president, secretary, supervision and monitoring, new ideas related to ongoing culture activities, Respective Field Assistant facilitates this meeting.

Therefore we formed 29 groups, among which 17 male, 01 female and 11 are mixed group.

**Technical Reports Prepared:**

Quarterly technical progress report and financial report to be submitted to Executing agency.

## COAST - 02

Title		Status
Nutrition Income and Food Security (NIFS)		On-going
<b>Location</b>		
<p>COAST has three following project location in Bhola and Cox's bazar district wherein NIFS program implementing at different volume and funding</p> <ol style="list-style-type: none"> <li>1. South Central Coast Project (SCCP), Phase-2 covers five Upazilas of Bhola island through 20 union based unit offices. Therefore NIFS is implementing in 6 unit offices under 2 upazila.</li> <li>2. South East Coastal Project Phase-I(SECP-I), situated in the coastal areas of South Chittagong and Cox's Bazar district, especially in the islands of Kutubdia and Moheshkhali, covering 9000 member participants. NIFS is implementing at the whole project location</li> <li>3. South Central Out Reach Islands Developments Initiatives (SCORIDI), comprises with seven-outreach small islands situated in the down south of the advent of Meghna estuary where it drains into the Bay of Bengal. This project 5500 group members and NIFS is implementing at the whole project location.</li> </ol>		
<b>Implementing Agency</b>		
COAST Trust		
<b>Executing Organisation</b>		
ICLARM Bangladesh		
<b>Funding Agency</b>		<b>Funds Allocated (optional)</b>
<ol style="list-style-type: none"> <li>1. SCCP : COAST Trust</li> <li>2. SECP: Stromme Memorial Foundation, Norway</li> <li>3. SCORIDI: Action Aid Bangladesh</li> </ol>		<ol style="list-style-type: none"> <li>1. SCCP : BDT 7,46,000</li> <li>2. SECP : BDT 6,95,000</li> <li>3. SCORIDI : BDT 5,33,000</li> </ol>
<b>Start Date</b>		<b>Completion Date</b>
<ol style="list-style-type: none"> <li>1. SCCP : April 1999</li> <li>2. SECP : January 2002</li> <li>3. SCORIDI : March 2000</li> </ol>		<ol style="list-style-type: none"> <li>1. SCCP : December 2005</li> <li>2. SECP : December 2006</li> <li>3. SCORIDI : December 2004</li> </ol>
<b>Contact Person with detailed address, telephone &amp; others</b>		
<p>Md. Shamsuddoha          Senior Coordinator – Coastal Livelihood Security and Advocacy          COAST Trust, House 9/4          Road 02, Shyamoli, Dhaka          Phone: 02-8125181, 017881645          Fax: 02-9129395          E-mail: <a href="mailto:coasttst@citechco.net">coasttst@citechco.net</a></p>		
<b>General Objective</b>		
<p>To promote nutritional intake, building income capacity based on household farming facilities and food security in promoting ecological agriculture, local seeds and plant preservation.</p>		
<b>Specific Objectives</b>		
<p>NIFS comprises with five sub projects, namely -</p> <ol style="list-style-type: none"> <li>1) Poultry and livestock development</li> <li>2) Agriculture development</li> <li>3) Fisheries development</li> <li>4) Nutrition Education and Alternative Health Care</li> <li>5) Sustainable Agriculture</li> </ol> <p><u>Proeject wise specific objectives are:</u></p> <ol style="list-style-type: none"> <li>4. Poultry and Livestock Development:             <ul style="list-style-type: none"> <li>– To reduce mortality and morbidly rate of poultry and livestock population through ensuring vaccines and other vatenairy medicines.</li> <li>– Rearing of poultry and cattle through adopting appropriate technology</li> <li>– To increase household production as well as consumption of animal protein products</li> <li>– To increase household income and employment opportunity</li> <li>– To develop resource farmer in community level so that community people can avail respective skill and expertise at low cost whenever needed.</li> </ul> </li> </ol>		

- **Agriculture Development:**
  - To promote cultivation of commercially and nutritionally valued vegetables at abandoned household space
  - To increase household production as well as consumption of vegetables.
  - To increase productions of protein enrich cereal crops through out the year.
  - Establishment of village nursery for seedling and sapling production.
  - To develop resource farmer in community level so that community people can avail respective skill and expertise at low cost whenever needed.
- **Fisheries Development:**
  - To extend and popularize culture fisheries in coastal areas using the technologies which are feasible, affordable and acceptable to the poor and small-scale aqua farmers.
  - To ensure maximum utilization of the household physical resources
  - To create diversified livelihood and income generation sources.
  - To develop resource farmer in community level so that community people can avail respective skill and expertise at low cost whenever needed.
- **Nutrition Education and Alternative Health Care**
  - To meet nutritional requirement of pregnant and lactating mother and under five children
  - To educate people on the nutritional value of naturally grown vegetable and their cooking procedure for family consumption.
  - To educate people on the medicinal properties of herbal plant and promote its utilization as alternative health care ingredients.
- **Sustainable Agriculture**
  - To practice and promote ecological farming through gradual replacement chemical fertilizers and pesticides by compost and biodegradable natural pesticides
  - To raise mass awareness on the devastating affects of chemical fertilizers pesticides and hybrids seeds to the environment, soil fertility and bio-diversity as well.
  - To establish community seed store with local seed and plant species

#### **Activities Performed**

- a. Farmers/ beneficiaries training on poultry and livestock vaccination, goat rearing, cow rearing, duck rearing, village nursery, homestead gardening, cereal crop production, carp polyculture, rice cum fish culture, fish nursery.
- b. Establishment of cool chain (with solar freeze) for smooth functioning of vaccination at outreach islands of Bhola district.
- c. Establishment of central nursery at thana based seedling, sapling and herbal plant nursery.
- d. Establishment on community based seedling and sapling nursery
- e. Awareness, campaign and training on nutrition education.
- f. Demonstration on Cooking procedure of naturally grown vegetable for family consumption
- g. Establishment of Medicinal Resource Center with herbal plants
- h. Demonstration of Ecological Farming
- i. Awareness, campaign and training on ecological agriculture.
- j. Promotion of compost as organic fertilizer through ensuring compost pit at household level.
- k. Farmers training on local seed preservation technologies.
- l. Farmers training on Integrated Pest Management
- m. Farmers training on the concept of Integrated Aquaculture Agriculture.
- n. Mid term review of NIFS program,

#### **On-going Activities**

- a. Tilapia ( GIFT) farming and seed production in rice field
- b. Herbal sapling production for household preservation
- c. Community based herbal preservation and its utilization practice.
- d. Development of promotional materials like poster, calendar, booklet etc. on herbal and regenerative agriculture for nation wide campaign
- e. Farmers/ beneficiaries training on poultry and livestock vaccination, goat rearing, cow rearing, duck rearing, village nursery, homestead gardening, cereal crop production, carp polyculture, rice cum fish culture, fish

- |  |
|--|
| nursery<br>f. Demonstration on Cooking procedure of naturally grown vegetable for family consumption<br>g. Promotion of compost as organic fertilizer through ensuring compost pit at household level.<br>h. Demonstration of Ecological Farming<br>i. Awareness, campaign and training on nutrition education.<br>j. Establishment of cool chain (with solar freeze) for smooth functioning of vaccination at outreach islands of Cox's bazar district. |
|--|

**Brief Description of findings/results**

- |  |
|--|
| a. We have developed 120 female poultry vaccinators who are provided with practical training, flask and syringe etc. They collect vaccines from our unit offices and apply it to her community birds. Therefore the mortality rates of poultry have been reduced than before and vaccinator becomes self-reliant.<br>b. Vaccines are available even in the out reach small chars<br>c. Homestead space have been utilized maximally in producing year round vegetables<br>d. Production of sapling as well as household, roadside and institutional plantation has been increased.<br>e. Consciousness on herbal plantation, preservation and its utilization remedial of commonly disease has been increased<br>f. Farmers are practicing organic farming, local seed farming and preservation<br>g. At least 4 varieties of herbal are commonly found in almost all the households of our beneficiaries.<br>h. Fish culture in rice field earned popularity and practicing widely<br>i. Fish nursery has been treated as a good business to the traditional fish farmers.<br>j. Women knows well how to cook healthy food with locally available vegetables for their children and family consumption also |
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**Technical Reports Prepared:**

Quarterly technical progress report and financial report to be submitted to Funding agency



## COAST - 03

<b>Title</b> <b>Promoting Good Governance through Interactive Peoples Organisation</b>		<b>Status</b> On-going
<b>Location</b> Five Upazilas namely, Charfession, Lalmohan, Daulatkhan, Tazumuddin, Burhanuddin of Bhola District Two upazillas of cox's bazar district namely, Kutubdia and Moheshkhali Seven out reach chars of Charfession.		
<b>Implementing Agency</b>		COAST Trust
<b>Executing Organisation</b>		COAST Trust
<b>Funding Agency</b> 1. SCCP : Action Aid Bangladesh 2. SECP : COAST/Stromme Foundation Norway 3. SCORIDI : Action Aid Bangladesh		<b>Funds Allocated (optional)</b> 1. SCCP : BDT 1,600,000 for three years 2. SECP : BDT 495,000 for one year 3. SCORIDI : BDT 433,000 for one year
<b>Start Date</b> 1. SCCP : April 2001 2. SECP : January 2002 3. SCORIDI : March 1999		<b>Completion Date</b> 1. SCCP : March 2004 2. SECP : December 2005 3. SCORIDI : December 2004
<b>Contact Person with detailed address, telephone &amp; others</b> Md. Bazlur Rahman Head – Good Governance & Strategic Relations COAST Trust, House 9/4 Road 02, Shyamoli, Dhaka Phone: 02-8125181, Fax: 02-9129395 E-mail: <a href="mailto:coasttst@ciechco.net">coasttst@ciechco.net</a>		
<b>General Objective</b> To promote good governance through proactive people's organization and need responsive union parishad.		
<b>Specific Objectives</b> This project comprises with five major activities, namely People's Organization (PO) for Social Action and Demand Mediation Facilitation for the improvement of pro poor policies and fair election Access to local governance by PO leaders/ members Facilitate social justice and human rights situation Strengthening capacity of Union Parishad.  Thus the component wise specific objectives are- 5. People's organization for social action and demand mediation <ul style="list-style-type: none"> <li>– To develop awareness and claimant capacities of group members and leaders for their legitimate share and rights</li> <li>– To create leadership from poor families as to facilitate an alternative power structure</li> <li>– To promote and support social actions on demand mediation of the poor</li> <li>– To facilitate effective dialogical relations with the PO leaders and locally elected leaders and government official at local level</li> <li>– To create governance animator from the local youths</li> </ul> <ul style="list-style-type: none"> <li>• Facilitation for the improvement of pro poor policies and fair election <ul style="list-style-type: none"> <li>– To provide voter education to groups and their family members</li> <li>– To raise mass awareness on free and fair election</li> <li>– To train the voting officials and probable candidates for free and fair election and pro poor agendas.</li> <li>– To create non-partisan public participatory election monitoring committee.</li> </ul> </li> <li>• Access to local governance by PO leaders! members <ul style="list-style-type: none"> <li>– To motivate and train PO leaders to gain access to formal and non formal power structure in local level</li> </ul> </li> </ul>		

- To train PO leaders on leadership who got access in formal and informal power structure
- To facilitate social justice and human rights situation
  - To train local government and opposite leaders on alternative dispute resolution
  - To train UP chairman and members on village court and family law
  - To facilitate POs on monitoring of Human Rights violation
- Strengthening capacity of Union Parishad.
  - To train UP chairmen and members on their responsibilities in local government with special reference to the women and poor families
  - To promote effective and regular dialogue between UP chairmen, members and staff of the development agencies working at local level
  - To promote transparency and participation in the preparation of annual plan and budget of the UPs
  - To support UPs in their initiatives for own resource generation initiatives
  - To orient civil society and civil society organizations about the responsibilities of UPs.

### Activities Performed

1. Governance Education
2. PO leaders! Members training on conscious raising and group dynamics
3. Unit Jano Sanghatan(UJS) and Regional Jano Sanghatan (RJS) leadership training
4. Review and planning meeting
5. Inter institutional dialogue
6. Monitoring and case documentation
7. Voter education prior to parliamentary election
8. Dialogue session/rally with candidates
9. Training to vote related officials with the cooperation of local administration
10. Campaign and rally with civil society for fair election and pro-poor policies
11. Center wise committee for election monitoring
12. Impact assessment and documentation
13. Training to PO leaders on alternative dispute resolution
14. Campaign on family law and human rights
15. PO monitoring on local human rights situation
16. Cultural group mobilization for fair electioneering and human rights issues
17. Case documentation and supply to press
18. Special leadership training to UP female members
19. Coordination meeting with local development workers
20. Meeting with civil society organization leaders to mitigate pre and post electoral violence.

### On-going Activities

1. Governance Education
2. PO leaders/ Members training on conscious raising and group dynamics
3. Unit Jano Sanghatan(UJS) and Regional Jano Sanghatan(RJS) leadership training
4. Monitoring and case documentation
5. Training to PO leaders on alternative dispute resolution
6. Campaign on family law and human rights
7. PO monitoring on local human rights situation
8. Cultural group mobilization for fair electioneering and human rights issues
9. Case documentation and supply to press
10. Coordination meeting with local development workers
11. Publication of booklets for neo literate villagers ego resource available at thana level, family law etc

**Brief Description of findings/results**

- Capacity of People's Organization increase
  1. Capability in realizing achieving government facilities increased
  2. Social acceptability increased
  3. Increased acceptability and accessibility to different level of society
  4. POs representation has been increased in different government and non-government committees
  5. PO leaders enabled to motivate and organise the local poor people for their rights
  6. Participation increased in determining working strategy of COAST
  
- Social Justice Increased
  1. PO's representation at local Salish
  2. Realizing the rights and social justice at different level
  3. Exercise in Salish management
  4. Violation of human rights decreased at local level
  5. Positive attitudes to women increased both at family and social context
  
- Govt. and Local Govt.'s cooperation to shomity members
  1. Health service facilities increased
  2. Access to VGDNGF card, food for education, education stipend, social forestation, agricultural input, technical assistance, old age allowances, widow allowance, Ashrahan prokalpa. Guccho gram etc.
  3. Access to Kash land increased
  4. Participation increased in fair election process and non confrontational politics,
  5. POs role increased in resisting post election social disaster
  6. Partnership and cooperation between POs and UP women members increased.

**Technical Reports Prepared:**

Quarterly technical progress report submitted to Executing agency

## COAST - 04

<b>Title</b> Self Sustained Embankment Maintenance Project (SSEMP)		<b>Status</b> On-going
<b>Location</b> Charfession		
<b>Implementing Agency</b> COAST Trust		
<b>Executing Organisation</b> ICLARM Bangladesh		
<b>Funding Agency</b> (ADB 1996-97) COAST Trust	<b>Funds Allocated (optional)</b>	
<b>Start Date</b> June 96, has been started with the financial and technical assistance ADB and BWDB.	<b>Completion Date</b> Four years (2002-2005) project to be renewed in each year	
<b>Contact Person with detailed address, telephone &amp; others</b> Md. Shamsuddoha Senior Coordinator – Coastal Livelihood Security and Advocacy COAST Trust, House 9/4 Road 02, Shyamoli, Dhaka Phone: 02-8125181, 017881645 Fax: 02-9129395 E-mail: <a href="mailto:coasttst@ciechco.net">coasttst@ciechco.net</a>		
<b>General Objective</b> SSEMP was an action research project of COAST. After devastating tidal upsurge of 1970 BWDB has constructed thousands miles of embankment approximately 9000 km through over the country for which maintenance is very expensive .On the other hand around 3.5 million destitute poor families resides on this embankment whose activity sometimes create disturbance to the proper maintenance. If they have given usufructory rights to the surrounding lands for productive purposes, the settlers may do the maintenance activity in better and sustainable way. Therefore the objective of this project was to find out the feasibility of embankment maintenance through promoting settlers right.		
<b>Specific Objectives</b> a. To find out low cost and sustainable embankment maintenance system b. To support better living to the embankment settlers c. To find out advocacy issue that will make scope for dialogue with national policy planner.		
<b>Activities Performed</b> a. Embankment maintenance by settlers b. Khash land, adjacent to the embankment has been distributed among the settlers. c. Pond re-excavation with the financial assistance of WFP d. Technical and financial support for promoting fish culture in the re-excavated ponds e. Children Education f. Development Education g. Tree plantation		
<b>On-going Activities</b> a. Embankment maintenance by settlers b. Technical and financial support for promoting fish culture in the re-excavated ponds c. Children Education d. Development Education e. Tree plantation		

**Brief Description of findings/results**

- a. 480 land less families have got the occupancy rights on the embankment
- b. Embankment settlers have been benefited economically through fish culture
- c. Children are getting education from NFPE centers
- d. Embankment settlers are doing maintenance as per government rule
- e. Embankment settlers are doing different income generating activities.

**Technical Reports Prepared:**

Quarterly technical progress report and financial report to be submitted to Executing agency

## CCEC

## CCEC -01

<b>Title</b> Sundarban Conservation through Crab Fattening		<b>Status</b> On-going
<b>Location</b> Andharia, Batiaghata, Khulna		
<b>Implementing Agency</b> Centre for Coastal Environmental Conservation		
<b>Executing Organisation</b> Centre for Coastal Environmental Conservation		
<b>Funding Agency</b> KNCF, Japan	<b>Funds Allocated (optional)</b>	
<b>Start Date</b> 1 April 2002	<b>Completion Date</b> 31 March, 2003	
<b>Contact Person with detailed address, telephone &amp; others</b> Mr. Mowdudur Rahman Tel: 041-733274 E-mail: ccec@khulna.bangla.net		
<b>General Objective</b> Environmental sustainability of southwest coastal i.e. Sundarban region Bangladesh.  Sundarban conservation through: <ul style="list-style-type: none"><li>▪ create crab fattening opportunity for Sundarban crab collectors and raise incomes</li><li>▪ stop lizard killing as bait.</li></ul>		
<b>Specific Objectives</b> <ul style="list-style-type: none"><li>▪ Know the crab breeding season</li><li>▪ Species of Sundarban crab prior to endangered, rare and extinct species.</li></ul>		
<b>Activities Performed</b> <ul style="list-style-type: none"><li>▪ List of crab households/families</li><li>▪ Formation of Batiaghata Crab Association</li><li>▪ Lease Ponds</li><li>▪ Established Crab depo</li></ul>		
<b>On-going Activities</b> <ul style="list-style-type: none"><li>▪ Biodiversity Conservation Awareness in the villages</li><li>▪ Training for Shrimp fry collectors</li><li>▪ Rearing of chicks / poultry</li><li>▪ Sundarban messages for crab collectors</li></ul>		
<b>Brief Description of findings/results</b> <ul style="list-style-type: none"><li>▪ Many of the villagers got the Sundarbans Conservation either and follow in their everyday life</li><li>▪ Most crab collectors now use alls instead of monitor lizard</li><li>▪ CCEC now in the process of preparing crab feed packet and sell to the crab collectors as alternative to monitor lizard, endangered species of Sundarban mangrove forest</li></ul>		
<b>Technical Reports Prepared:</b>  Newsletter, leaflet and poster prepared		



**PRODIPAN****PRODIPAN-01**

<b>Title</b> Save Our Sundarbans (SOS)		<b>Status</b> On-going		
<b>Location</b> Dacope, Khulna Mongla, Bagerhat and Paikgachha, Khulna Sharonkhola				
<b>Implementing Agency</b> Prodipan				
<b>Executing Organisation</b> Prodipan				
<b>Funding Agency</b> CAFOD Bread for the World	<b>Funds Allocated (optional)</b>			
<b>Start Date</b> July 1998 July 2001 January 2001	<b>Completion Date</b> June 2004 June 2004 December 2003			
<b>Contact Person with detailed address, telephone &amp; others</b>  <table border="0"> <tr> <td> <u>Head Office: Khulna</u>  Md. Mujibur Rahman  Coordinator  Prodipan  Shaheb Bari Road, Maheswarpasha  Khulna 9203  Phone: 041-774777  Fax: 041-774729  E-mail: <a href="mailto:ppnh@khulna.bangla.net">ppnh@khulna.bangla.net</a> </td> <td> <u>Liaison Office, Dhaka</u>  Executive Director  Prodipan  6/1-A, (Gr Floor) Block F, Lalmatia  Dhaka 1207  Phone: 02-8114847  Fax: 02-8117663/8115386  E-mail: <a href="mailto:prodipan@neksus.com">prodipan@neksus.com</a> </td> </tr> </table>			<u>Head Office: Khulna</u> Md. Mujibur Rahman Coordinator Prodipan Shaheb Bari Road, Maheswarpasha Khulna 9203 Phone: 041-774777 Fax: 041-774729 E-mail: <a href="mailto:ppnh@khulna.bangla.net">ppnh@khulna.bangla.net</a>	<u>Liaison Office, Dhaka</u> Executive Director Prodipan 6/1-A, (Gr Floor) Block F, Lalmatia Dhaka 1207 Phone: 02-8114847 Fax: 02-8117663/8115386 E-mail: <a href="mailto:prodipan@neksus.com">prodipan@neksus.com</a>
<u>Head Office: Khulna</u> Md. Mujibur Rahman Coordinator Prodipan Shaheb Bari Road, Maheswarpasha Khulna 9203 Phone: 041-774777 Fax: 041-774729 E-mail: <a href="mailto:ppnh@khulna.bangla.net">ppnh@khulna.bangla.net</a>	<u>Liaison Office, Dhaka</u> Executive Director Prodipan 6/1-A, (Gr Floor) Block F, Lalmatia Dhaka 1207 Phone: 02-8114847 Fax: 02-8117663/8115386 E-mail: <a href="mailto:prodipan@neksus.com">prodipan@neksus.com</a>			
<b>General Objective</b>  To initiate a sustainable natural resource management process by ensuring peoples participation through organizing the primary actors of the Sundarbans for regeneration of the forest and establishing their rights on the products and resources of the Sundarbans to secure their livelihood.				
<b>Specific Objectives</b> <ul style="list-style-type: none"> <li>▪ To create mass awareness for regeneration of the Sundarban</li> <li>▪ To start a collective movement so that the primary actors of the forest can have community ownership on the forest and forest resources</li> <li>▪ To involve the primary actors in regeneration process of the forest</li> <li>▪ To provide the target families an alternative source of income so that the pressure on the forest is reduced</li> <li>▪ To develop homestead forestry in order to reduce over-exploitation of forest resources</li> </ul>				
<b>Activities Performed</b>				
<b>On-going Activities</b> <ul style="list-style-type: none"> <li>▪ Institution Building</li> <li>▪ Baseline survey</li> <li>▪ Rapport Building</li> <li>▪ Group formation</li> <li>▪ Savings building</li> <li>▪ Group Activities</li> <li>▪ Workshop</li> </ul>				



<ul style="list-style-type: none"> <li>▪ Household Afforestation</li> <li>▪ Dialogue</li> <li>▪ Credit for IGA</li> <li>▪ Staff Training</li> <li>▪ Group Members training</li> <li>▪ Monitoring and Supervision</li> <li>▪ Reporting</li> </ul>
<p><b>Brief Description of findings/results</b></p> <ul style="list-style-type: none"> <li>▪ The morality of opportunist group of government officials are being changed</li> <li>▪ The forest officials honor the apex body leaders and in some cases seek help to identify the wood poachers</li> <li>▪ Peoples are giving voluntary time while campaign continued by the apex leaders and Field Workers at the area</li> <li>▪ Villagers promised to assist Peoples Vigilance Committee to protect and safeguard the forest</li> <li>▪ Awareness increased among all level on the regeneration and conservation of Sundarbans resources</li> <li>▪ People perceive the apex body as their own institute to safe guard their interest;</li> <li>▪ To a large extend values and dignity of women has been recognized;</li> <li>▪ Homestead plantation become popular to the area;</li> <li>▪ Resource users are extracting the Sundarbans resources scientifically and Eco-friendly;</li> <li>▪ Self confidence on alternative livelihood activities has been increased;</li> <li>▪ Alternative initiative to save the forest and water resources are being sensitised;</li> <li>▪ Peoples' interest towards seasonal vegetable cultivation has been increased; .</li> <li>▪ Peoples knowledge has been increased on nutrition;</li> <li>▪ The Sundarbans dependent people become much conscious to generate individual savings for self survival in the lean season;</li> <li>▪ Upazila administration extends all co-operation to Prodipan for proper implementation of the Project</li> </ul>
<p><b>Technical Reports Prepared:</b></p> <p>Usually Prodipan prepare six-monthly and annual reports for donors and generates monthly reports for internal use</p>

## CODEC

## CODEC – 01

<b>Title</b> <b>Socio-Economic Development of the Coastal and Riverine Fisherfolk Communities, Phase III (104.Bang.104)</b>		<b>Status</b> On-going
<b>Location</b> Chittagong/Lakshimpur/Patuakhali (Galachipa & Kalapara Thana)/Barguna Districts A total of 14 Thanas including 50 Unions covering 471 villages.		
<b>Implementing Agency</b> Community Development Centre (CODEC)		
<b>Executing Organisation</b>		
<b>Funding Agency</b> DANIDA	<b>Funds Allocated (optional)</b> DKK 35,450,000	
<b>Start Date</b> July 1996	<b>(Expected) Completion Date</b> June 2001	
<b>Contact Person with detailed address, telephone &amp; others</b> Dr. Khurshid Alam, Executive Director, CODEC House 62/B, Road 3, Chandgao R/A, Chittagong, PO Box 1067 Tel : 031-670663/671405 ; Fax : 031-610774; e-mail : codec@spnetctg.com  Ms. Mahal Aminuzzaman, DANIDA (Ph - 882 2499)		
<b>General Objective</b> The project shall facilitate socio-economic development of mainly coastal and riverine fisherfolk in the project area through empowerment of target groups, establishment of village organisations, provision of non-formal education to adults and their children, training on awareness raising and skill development, savings and credit delivery for income generation and various support services		
<b>Specific Objectives</b> a. Improved socio-economic conditions of the under privileged men, women and children of the coastal communities. b. Improved equality of men and women to benefit from socio-economic progress. c. Improved socio-economic potential of the rural poor population in the project area.		
<b>Activities Performed</b>  The main activities of CODEC is to organize the targeted villagers into the groups and to develop these groups through skill training, group based credit support, literacy training and awareness training, to the point where they are self-reliant with the active and democratic participation of their members. Hence, the key elements of CODEC program are as follows;  a. Institution Building and Development (Village Organisations and Coordination Committees) b. Education (Children and Adult) c. Training (Human development and Skill development) d. Support Program (Health, Water and Sanitation, Plantation, etc) e. Savings and Credit.		
<b>On-going Activities</b>  CODEC is currently working in 471 villages with 29,769 households and has organized 1451 Village Organisations with a total membership of 42,955 under various programmes of whom 21342 are male and 21613 are female. A total of 24 Coordination Committees of village organisations are formed. Under Children education programme in 2000, a total of 7592 students (3625 boys and 3967 girls) are continuing their education under 387 education shifts. A total of 378 children organisations are formed among the students of education centres. A total of 7405 adult members are graduated under Adult education programme. 527 Tube wells as well as 10,742 Latrines were distributed in the communities. In every rainy monsoon, a huge number of tree plants are collected and distributed among the household families. Under the Savings and Credit Programme, the group members deposit an amount of Tk 51,728,000 as Savings fund.		

**Brief Description of findings/results**

- The Nordic Consulting (NCG) of Denmark reviewed CODEC programme and commented in its report (1999) that “In general the Review Team finds that there are positive indications that CODEC is achieving the objectives of the current third five-year phase (1996-2001). Human development training and the credit program are having a positive impact on the living conditions of the target group, and in particular on the situation of women members.”
- Having received the human Rights and Legal Awareness training, they are becoming aware of their rights and also being able to solve their long-standing problems, which were earlier very much difficult to solve because of some dishonest local influential persons and religious leaders. After the gender training the members of VOs are now conscious of domestic violence. (Ref: Report on Impact Study on Training Program conducted by an external evaluator)
- VOs aim to address their basic needs and rights and ultimately the Coordination Committees of these VOs has been gradually developed as a combined force, a highly aware and empowered institution. It has an elected committee, which leads in parallel with Union Local Govt. Body i, e the Union Parisad.
- CODEC is able to create people mobilization through group formation especially among the coastal women, adolescent and children.

**Technical Reports Prepared**

- CODEC Quarterly /Half-yearly/Annual Progress Report
- Minor Study Report on Program Impact conducted by internal and external resource persons.

Status Date: December 2000

Sector: Community Development

**CODEC - 02**

<b>Title</b> Community Development Centre (CODEC)		<b>Status</b> SWD-1160185
<b>Location</b> Chittagong, Lakshmipur, Patuakhali, Barguna		
<b>Implementing Agency</b> CODEC, Chittagong		
<b>Executing Organisation</b> CODEC		
<b>Funding Agency</b> DANIDA	<b>Funds Allocated (optional)</b> DKK 48.2 million	
<b>Start Date</b> 1 February 1985	<b>Completion Date</b>	
<b>Contact Person with detailed address, telephone &amp; others</b>  Director COCEC House 62/B, Road – 3 Chandgaon R/A Chittagong Phone: 031-670663		
<b>General Objective</b>  CODEC's development objective is to ensure that coastal and riverine communities participate in the mainstream development process and realise social, political and economic benefits.		
<b>Specific Objectives</b>  The immediate objective is to enable the target group to understand, articulate and exercise their right and to improve their earnings from better conserved fishing environment and non traditional savers of income.		
<b>Activities Performed</b>  <ul style="list-style-type: none"> <li>▪ Institution Building</li> <li>▪ Education</li> <li>▪ Training</li> <li>▪ Support program</li> <li>▪ Savings and credit</li> <li>▪ Policy advocacy</li> </ul>		
<b>On-going Activities</b>  <ul style="list-style-type: none"> <li>▪ Institution Building</li> <li>▪ Education</li> <li>▪ Training</li> <li>▪ Support program</li> <li>▪ Savings and credit</li> <li>▪ Policy advocacy</li> </ul>		
<b>Brief Description of findings/results</b>  <ul style="list-style-type: none"> <li>▪ 719 male and 789 female groups formed with 20,621 male and 21,431 female members.</li> <li>▪ 23 co-ordination committees are in operation</li> <li>▪ Nearly 1000 group members have been benefited from Apad kalin Tahbil.</li> <li>▪ Above 7,000 children students are pose a from CODEC schools</li> <li>▪ 42 adolescent groups are running</li> <li>▪ Awareness training provided to nearly 30,000 group members</li> <li>▪ Skill development training provided among 3,000 group members</li> <li>▪ Above 500 tubewell distributed to the working villages</li> <li>▪ Above 12,000 latrine distributed to the working villages</li> <li>▪ Nearly 6 crore taka accumulated as savings</li> </ul>		

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**Technical Reports Prepared**

- Appraisal report, five year plan 96/97 – 2000/01
- Evaluation report 1994
- Pain and pleasure of the fishing communities around the river Meghna
- An independent qualitative evaluation of program activities of CODEC
- Fish Distribution from Coastal Communities: Market and Credit Access Issues, (forth coming Int. publication)
- Fish vendors in Chittagong City

## PMUS

## PMUS - 01

<b>Title</b>		<b>Status</b>
CERP, Housing, Fish Culture Micro-credit, Child Literacy, Sewing, Tonga Making, Cage Culture, Prostitute Rehabilitation and Green Belt		On-going
<b>Location</b>		
Patuakhali		
<b>Implementing Agency</b>		
Patuakhali Mohila Unnaon Samity (PMUS)		
<b>Executing Organisation</b>		
Patuakhali Mohila Unnaon Samity (PMUS)		
<b>Funding Agency</b> World Bank, Bangladesh Bank, Fisheries, Dept., Southern NGO, Network, Danida, Forest Dept. and Own fund	<b>Funds Allocated (optional)</b> BDT. 1,038,004	
<b>Start Date</b> 01 January 1991	<b>Completion Date</b>	
<b>Contact Person with detailed address, telephone &amp; others</b> Mrs. Monowara Hakim House No 1, Road 1 Kaler Pukur Par Patuakhali – 8600 Tel. 880-0441-62881 E-mail: <a href="mailto:pmus@bllb.net.bd">pmus@bllb.net.bd</a>		
<b>General Objective</b>  PMUS is to raise awareness and consciousness of women about their existing socio-economic condition and to alleviate miserable socio-economic condition through creating employment opportunities and earning extra personal and family income.		
<b>Specific Objectives</b>  <ul style="list-style-type: none"><li>▪ Raise awareness and consciousness of women about their existing socio-economic condition</li><li>▪ Urge them in taking joint ventures against prevailing injustices of all kinds and abolish them from the society</li><li>▪ Helping the destitute women for development of the society so that they may meet their basic needs and can establish harmony of justice and pace in their families, society and country</li><li>▪ Alleviate miserable socio-economic condition through creating employment opportunities and earning extra personal and family income</li><li>▪ Come out of their veil, participate on socio-economic development activities and avail government facilities, which are meant for their development</li><li>▪ Rehabilitation of prostitute through different types of socio-economic works such as cage culture, fish culture, poultry, package preparation etc.</li></ul>		
<b>Activities Performed</b>  <ul style="list-style-type: none"><li>▪ VGD: Two hundred women were trained up under this program. The women were skilled up under different types of training. The trainees received 30 Kg wheat per month. The program was conducted by fund of the Department of women affairs.</li><li>▪ Sewing: Fifty women were trained up under this program. PMUS have purchased 10 sewing machines and one embroidery machine for the training center. Fifty women were working under this program.</li><li>▪ Nursery development: Nursery and development of the environment is co-related in the context of Bangladesh. Women collected seeds from the locality and planted trees at their homestead area and PMUS own nursery.</li><li>▪ Adult – education: Four thousands and fifty people were literate under this program at Galachipa thana. There were working 135 teachers and 10 supervisors. The Dept. of Non-formal Education funded this programme. There were 30 people (40% male, 60% female) per class whose age limitation were 18-45 years. PMUS received the prize of Best Performer of Non – Formal education under International literacy day – 98.</li></ul>		

<ul style="list-style-type: none"> <li>▪ Fish culture: PMUS has taken lease of a big pond named Kaler Pakur through tender call from Patuakhali Pourshava. This pond is used for developing the socio-economic condition of some poor beneficiaries through fish culture. Department of Fisheries (DoF) sanctioned some loan to PMUS for poverty alleviation of beneficiaries. PMUS has also sanctioned a large amount of credit from the own fund for this purpose. This program started in June 96. PMUS received the prize of the best fish farmer in 1998 from the Dept. of Fisheries.</li> </ul>
<b>On-going Activities</b> <ul style="list-style-type: none"> <li>▪ Settlement of embankment settlers</li> <li>▪ Formation FFG</li> <li>▪ Plantation of sea-side embankment</li> <li>▪ Plantation of mangrove foreshore</li> <li>▪ Plantation of non-mangrove foreshore</li> <li>▪ Utilization of community Development Fund (CDF) based on PRA/RRA</li> <li>▪ Training of beneficiary groups and community members</li> </ul>
<b>Brief Description of findings/results</b> <p>Plantation has been completed in 67 hectares of embankments in Kuakata during July-August in the last year by the project of CERP and about 100 peoples have been benefited by the plantation project. Lands have been distributed among the landless people. Water and sanitation problem has been solved by setting the tubewell and sanitation. Women have been trained up on the aquaculture and they are now financial benefited. Women have been provided by the tailoring professions and many prostitutes have been provided by creating various job opportunities. all of the programmers are under Credit systems. But it is very tough to run the project smoothly due to proper communication and funding problem. Actually the funding problem can solve the project sustainable position.</p>
<b>Technical Reports Prepared</b>

## WRDS

## WRDS - 01

<b>Title</b>  A Study on Soil-less Cultivation of Vegetables & Seedlings in the Wetland areas of southwest region of Bangladesh for Dissemination. (An alternative food production system for the wetland people)		<b>Status</b>  Ongoing
<b>Location</b>  Gopalganj, Barisal, Perojpur, Bagerhat and Khulna Districts.		
<b>Implementing Agency</b>  WRDS (Wetland Resource Development Society)		
<b>Executing Organisation</b>		
<b>Funding Agency</b>  Grameen Trust	<b>Funds Allocated (optional)</b>  BDT. 240,000/-	
<b>Start Date</b>  1 <sup>st</sup> June 2000	<b>Completion Date</b>  31 <sup>st</sup> May 2001	
<b>Contact Person with detailed address, telephone &amp; others</b> A.H.M. Rezaul Haq, Fellow Advocacy Institute and Ashoka 21, (old 24) Hazi Mohsin road, Khulna-9100, Bangladesh. Phone: 88-041-723425 Fax: 88 (041) 731876 E-mail: <a href="mailto:wetland@bdcom.com">wetland@bdcom.com</a>		
<b>General Objective</b> To initiate eco-technological intervention for conservation of wetlands and the well being of the people through sustained access and productive use of round-the-year fresh water.		
<b>Specific Objectives</b> <ul style="list-style-type: none"> <li>▪ To prepare a regional map of wetlands and waterlogged areas with Geo-morphological features showing natural, manmade wetlands and waterlogged areas separately</li> <li>▪ To collect data on indigenous techniques of hydroponics from secondary sources and up-dated scientific (research) information.</li> <li>▪ To collect data and information on farming practices and food production through soil-less cultivation - hydroponics from the study areas.</li> <li>▪ To collect data and information on socio-economic condition of wetland and waterlogged area people for designing and implementing an action plan for improving their livelihood and development of food production potentials in the study areas</li> <li>▪ To identify the constraints and impediments of dissemination, replication and development of soil-less cultivation in the whole region of wetland and waterlogged areas.</li> <li>▪ To generate economic analyses of soil-less-cultivation and explore the market potentiality of the same in home and abroad.</li> <li>▪ To develop a database on wetland management.</li> </ul>		
<b>Activities Performed</b>		
<b>On-going Activities</b>		
<b>Brief Description of findings/results</b>		

Status Date: January 28, 2001

Sector: Productive Resource Management



## WRDS - 02

<b>Title</b> <b>Demonstration of Hydroponics in Wetland and Waterlogged Areas for Scaling-up to the Whole Southwest Region of Bangladesh.</b> (An alternative food production system for the people living in wetland and waterlogged areas)		<b>Status</b>  Ongoing
<b>Location</b> Gopalganj, Barisal, Pirojpur, Bagerhat and Khulna Districts.		
<b>Implementing Agency</b> WRDS (Wetland Resource Development Society)		
<b>Executing Organisation</b>		
<b>Funding Agency</b> Prip Trust		<b>Funds Allocated (optional)</b> BDT. 13,00,000/-
<b>Start Date</b> 1 <sup>st</sup> January 2001		<b>Completion Date</b> 31 <sup>st</sup> December 2003
<b>Contact Person with detailed address, telephone &amp; others</b>  A.H.M. Rezaul Haq, Fellow Advocacy Institute and Ashoka 21, (old 24) Hazi Mohsin road, Khulna-9100, Bangladesh. Phone: 88-041-723425 Fax: 88 (041) 731876 E-mail: <a href="mailto:wetland@bdcom.com">wetland@bdcom.com</a>		
<b>General Objective</b>  Conservation and wise use of wetland for the benefit of wetland people		
<b>Specific Objectives</b> <ul style="list-style-type: none"> <li>▪ To prepare a regional map of wetlands and waterlogged areas with Geo-morphological features showing natural, manmade wetlands and waterlogged areas separately</li> <li>▪ To collect data on indigenous techniques of hydroponics from secondary sources and up-dated scientific (research) information.</li> <li>▪ To collect data and information on farming practices and food production through soil-less cultivation - hydroponics from the study areas.</li> <li>▪ To collect data and information on socio-economic condition of wetland and waterlogged area people for designing and implementing an action plan for improving their livelihood and development of food production potentials in the study areas</li> <li>▪ To identify the constraints and impediments of dissemination, replication and development of soil-less cultivation in the whole region of wetland and waterlogged areas.</li> <li>▪ To generate economic analyses of soil-less-cultivation and explore the market potentiality of the same in home and abroad.</li> <li>▪ To develop a database on wetland management.</li> </ul>		
<b>Activities Performed</b> <ul style="list-style-type: none"> <li>▪ Demonstration research on hydroponics through field study, followed by field experiments in two selected areas of the project to develop, and hence standardize the hydroponics practices in wetland and waterlogged areas scattered in the southwest region of the country, and integrate such approach with indigenous knowledge, modern agro-technology &amp; provide forward linkage for marketing support.</li> <li>▪ Transfer of technology from the developed region (where soilless farming practices) to waterlogged region (where it is unfamiliar) for scaling up the same in suitable areas in the wetland and waterlogged regions of Bangladesh. Thereby, uplift socio-economic condition of the wetland and the waterlogged area people through introduction of soil-less cultivation of different crops/vegetables, etc.</li> <li>▪ Build awareness in the civil society about productivity and function of wetland and develop a strategy for conservation of wetland.</li> </ul>		

**On-going Activities**

- Establishment of demonstration sites one in wetland and waterlogged areas.
- Identify the constraints and impediments of soil-less cultivation in wetland and waterlogged area, ensure conservation and soil-less cultivation and prescribe remedial measures most conducive for proper utilization of wetlands and waterlogged areas in the country.
- Provide logistics to some selected beneficiaries for involving in hydroponics farming, inter-alias, organize training for the beneficiaries on adoption of hydroponics technology.
- Generate economic and marketing data on hydroponics products from pilot/action research projects to work as a base for future economic and financial planning to make Hydroponics project profitable and cost effective for replication in other areas.
- Study the scope for increased women employment in soil-less cultivation - hydroponics and utilization of other natural resources, which are apparently problematic in the project area.

**Brief Description of findings/results**

From the ecological point of view, the coastal wetland ecosystem of Bangladesh is a complex and highest biologically productive ecosystem of the world. Ignoring the ecological significance, the EPWAPDA undertook Coastal Embankment Project (CEP) in 1960s to convert the major wetlands into terrestrial ecosystem for yielding agricultural production and protecting human settlement from the tidal surge. Whatever, the CEP ultimately resulted devastating waterlogging in one areas and salinization in other areas as negative environmental consequences.

The waterlogging has severely damaged the area agricultural production, decreased employment opportunity, deteriorated sanitary conditions, etc. affecting the rural economy and natural and human environment largely.

The proposed project has been designed to assimilate appropriate knowledge on technology and management of hydroponics from the wetland areas of existing hydroponics practice and to explore potentiality, scope of operation and transfer of this technology especially in the waterlogging areas and for its scaling up to the whole region. The project further aims to identify the prevailing constraints or bottlenecks exploring their prospective solutions to make hydroponics profitable and cost effective for replication; flourishing open water fisheries; strengthening the resource base; opening large avenue for employment opportunity of rural unemployed people; to invigorate and rejuvenate the rural economy as well as to properly manage and conserve the wetland and waterlogged areas.

The project will defrag indigenous knowledge and explore scope of utilization of indigenous technique for development of sustainable productive system.

The project areas will be the wetlands of Gopalganj, Barisal and Perojpur districts where hydroponics is presently practiced and the vast waterlogged areas of Jessore and Khulna districts where waterlogging has adversely affected both the natural and social/human environment and hydroponics has not yet been practiced in spite of having its scope to mitigate the consequences.

The methodology of the project will be assessing the existing knowledge base e. g. hydroponics farming system, appropriate technology & techniques, farming economics, management system etc. from the wetland areas and to make it practically adaptable in the waterlogged areas through its demonstration.

The project will bring out with the outputs -assimilation of indigenous technology on hydroponics; employment generation; establishment of environmentally sound wetland conservation strategy; develop comprehensive database on hydroponics; advocating hydroponics to the relevant direct and indirect stake holders etc.

The main project activities envisaged are; staff recruitment, staff orientation & training, field visit and site selection, beneficiary selection, logistic support to beneficiaries, group formation, updating database on hydroponics, workshop arrangement, submission of half yearly reports and evaluation and impact assessment of the project.

Status Date: January 28, 2001

Sector: Environment



## COSED

## COSED - 01

<b>Title</b> Assessment of Environmental Degradation due to Ship Breaking Activities and to Suggest Sustainable Coastal Zone Management at Fauzdarhat coast		<b>Status</b> On-going
<b>Location</b> Chittagong, Bangladesh		
<b>Implementing Agency</b> Committee for Social & Environmental Development (COSED)		
<b>Executing Organisation</b> Institute of Marine Sciences, University of Chittagong, Bangladesh & Bangladesh Atomic Energy Commission, Dhaka		
<b>Funding Agency</b> Self	<b>Funds Allocated (optional)</b> BDT 1.0 million	
<b>Start Date</b> July 2000	<b>(Expected) Completion Date</b> June 2002	
<b>Contact Person with detailed address, telephone &amp; others</b> Dr. Yusuf Sharif Ahmed Khan President, COSED 165/1, College Road, Chawk Bazar, Chittagong-4203 Phone: 031-616257 (res.), 018-312522 (mobile) E-mail: <a href="mailto:yusuf@abnetbd.com">yusuf@abnetbd.com</a> Sardar Md. Abdul Jabber Director (Research & Project), COSED, 165/1, College Road, ChawkBazar, Chittagong-4203 Bangladesh, Telephone-018-312522 (Mobile), 880-31- 638169 E-mail- jabber@mychittagong.com		
<b>General Objective</b> To assess the present status and practices of ship breaking activities in the Fauzdarhat Coast and to estimate qualitative and quantitative load of ship-borne and ship breaking wastes and to suggest mitigative measures to sustain the eco-friendly environment.		
<b>Specific Objectives (related to coastal zone)</b> To protect the Fauzdarhat coastal ecosystem as a part of integrated coastal zone management.		
<b>Activities Performed</b> Present status and practices of ship breaking activities in the project area		
<b>On-going Activities</b> Environmental Impact Assessment (EIA) due to the ship breaking activities in the project area		
<b>Brief Description of findings/results</b> Present findings indicate that ship-breaking activities are being practiced in an unhygienic way where workers are in a great risk. Some time workers are susceptible to death. Safety precautionary measures have been adopted in few activities. Besides, ship-borne wastes are discharged in the nearby coastal water without any treatment, which will certainly result in the destruction of our coastal ecosystem.		
<b>Technical Reports Prepared</b> After completion of the work, technical report will be prepared		

Status Date: Dec 21, 2000

Sector: Environment

## COSED -02

<b>Title</b> Pollution Potentials of the Industrial Wastes on the Ecology of the Karnafully River		<b>Status</b> On-going
<b>Location</b> Chittagong, Bangladesh		
<b>Implementing Agency</b> Committee for Social & Environmental Development (COSED)		
<b>Executing Organisation</b> Institute of Marine Sciences, University of Chittagong, Bangladesh & Bangladesh Atomic Energy Commission, Dhaka		
<b>Funding Agency</b> Self	<b>Funds Allocated (optional)</b> BDT 1.5 million	
<b>Start Date</b> July 1999	<b>(Expected) Completion Date</b> June 2002	
<b>Contact Person with detailed address, telephone &amp; others</b> Dr. Yusuf Sharif Ahmed Khan President, COSED 165/1, College Road, Chawk Bazar, Chittagong-4203 Phone: 031-616257 (res.), 018-312522 (mobile) E-mail: <a href="mailto:yusuf@abnetbd.com">yusuf@abnetbd.com</a> Sardar Md. Abdul Jabber Director (Research & Project), COSED, 165/1, College Road, ChawkBazar, Chittagong-4203 Bangladesh, Telephone-018-312522 (Mobile), 880-31- 638169 E-mail- jabber@mychittagong.com		
<b>General Objective</b> Qualitative and quantitative estimations of industrial wastes including the concentrations of heavy metals, oil, etc., in the water, sediment and biota of the Karnafully River and to suggest how to mitigate the problem and to sustain the eco-friendly environment.		
<b>Specific Objectives</b> To protect the Karnafully River ecosystem for integrated coastal zone management.		
<b>Activities Performed</b> Qualitative and quantitative estimations of heavy metals in water, sediment and some fishes of the Karnafully River have been done		
<b>On-going Activities</b> Quantitative and Qualitative estimations of industrial wastes including oil in the biotic community of the river system		
<b>Brief Description of findings/results</b> Present findings indicate that industrial waste discharged from the industrial installations are threat to the river ecosystem. Some physicochemical parameters have been found to be unsafe than the maximum tolerable limit in accordance to WHO (1993) and BSS (1990)		
<b>Technical Reports Prepared</b> After completion of the work, technical report will be prepared		

Status Date: December 21, 2000

Sector: Environment

## SARM

## SARM -01

<b>Title</b> <b>Integrated Community Development Program (ICDP)</b>		<b>Status</b> On-going
<b>Location</b> Pirojpur, Jhalakhati, Barguna & Barisal District. Barguna District		
<b>Implementing Agency</b> Social Advancement for Rural Mass (SARM)		
<b>Executing Organisation</b> Social Advancement for Rural Mass (SARM)		
<b>Funding Agency</b> Predikant Netherlandse Kerk, Ruchsen, Germany, USA personal donors.	<b>Funds Allocated (optional)</b> BDT 6/7 lacks	
<b>Start Date</b> Start Date: 1995 (year)	<b>Completion Date</b> June to July 2001. Or donors funding situation.	
<b>Contact Person with detailed address, telephone &amp; others</b> Mr. Samiran Adhikary Executive Director, SARM 83/84 Husnidalan Road (2 <sup>nd</sup> floor), Chankharpul, Dhaka-1211. Mailing Address: G.P.O. Box no-2515, Dhaka-1000, Bangladesh. Telephone: 880-2-7300256. E-mail: <a href="mailto:member_tp@nbr-bd.org">member_tp@nbr-bd.org</a>		
<b>General Objective</b> <ul style="list-style-type: none"> <li>▪ Motivation and organizing beneficiaries into potential groups for joint action.</li> <li>▪ Ensuring women participation of their own development and to establish their own rights and justice in the existing society by awareness building leadership development, and mobilizing local resources.</li> <li>▪ Organizing training on social analysis, awareness building, leadership, saving and credit skill training arsenic mitigation training Health care and family planning training. Mother and child care.</li> <li>▪ Gender issue.</li> <li>▪ Economical self-reliance.</li> <li>▪ Support for water and satiation.</li> <li>▪ IGA credit support.</li> <li>▪ Environmental development.</li> </ul>		
<b>Specific Objectives</b> <ul style="list-style-type: none"> <li>▪ Alleviation of poverty.</li> <li>▪ Make the helpless self-independent.</li> <li>▪ Arsenic mitigation program.</li> <li>▪ Women development.</li> <li>▪ Environmental Development.</li> <li>▪ Emergency relief and rehabilitation.</li> </ul>		
<b>Activities Performed</b> Activities Performed: Enclose annual report & audit report.		
<b>On-going Activities</b> The organization is under taken various integrated rural Development programs like group formation, Saving, (credit co-operative), awareness building, education, health facilities, Arsenic Mitigation Program, Leadership training, Nursery, Fishery, agriculture, water and sanitation, Relief and Rehabilitation program as emergency period. Our on going working areas Bhandira Thana- Pirojpur district. Khatalia Thana-Jhalokhati district. Agailjhara Thana-Barisal District and Morelgonj Thana-Bagerhat district.		
<b>Brief Description of findings/results</b>		

Status Date: December 17, 2000

Sector: Community development



## CARE International Bangladesh

CARE - 01

<b>Title</b> Livelihoods Monitoring Project (LMP)		<b>Status</b> On-going
<b>Location</b> Cox's Bazar		
<b>Implementing Agency</b> CARE International Bangladesh		
<b>Executing Organisation</b> CARE International Bangladesh		
<b>Funding Agency</b> DFID	<b>Funds Allocated (optional)</b>	
<b>Start Date</b> April 2000	<b>Completion Date</b> March 2005	
<b>Contact Person with detailed address, telephone &amp; others</b> Arif Rashid, Livelihoods Coordinator CARE Bangladesh 61, Road # 7/A, Dhanmondi, Dhaka 1209  Phone: 9129209, 9115839, 9112315 Ext. 132 e-mail: <a href="mailto:arif@carebangladesh.org">arif@carebangladesh.org</a>		
<b>General Objective</b>  To increase the effectiveness of CARE and DFID's current and future interventions for rural poor in Bangladesh. The ultimate goal is to identify processes and approaches, which will best capture the needs of a target community. This will allow management to strategize more efficiently as to what are the best interventions, which will mitigate the needs of this target community.  <b>Purpose:</b> Livelihood lessons from SHABGE and GO-INTERFISH applied by DFID & CARE. At the effect level, it is important that the findings are actually being applied by DFID and CARE.. This will depict a behavioral change in these organizations and will imply that the outputs from the LMP are being positively accepted as being useful. Initially starting with SHABGE and GO-INTERFISH, it is expected that this approach will eventually spread to other projects within these 2 organizations		
<b>Specific Objectives (Outputs)</b> <ul style="list-style-type: none"> <li>Quantify the livelihood changes in project participants. This output deals strictly with quantitative information of variations in different parameters surrounding a HH's livelihoods. This indices health security, educational security, food security, habitat security, economic security, and social capital.</li> <li>Understand the causes of livelihood changes of project participants; This Output will deal with qualitative issues surrounding a HH.</li> <li>Analyze the wider livelihood context of project areas; This will deal with broader issues affecting communities and villages. Activities will encapsulate regional shifts in livelihoods, from secondary data sources, and try to understand better how structures and processes at a regional and governmental level are affecting these communities. It will also try to better assess the degree to which the project contributes in encouraging policy level changes, prompting governments to establish resource centers and processes to benefit such communities. &amp;</li> <li>Develop the guidelines for livelihoods monitoring to equip CARE and DFID in institutionalizing livelihoods monitoring system within the participatory project M&amp;E systems.</li> </ul>		
<b>Activities Performed</b> <ul style="list-style-type: none"> <li>Methodologies for livelihoods monitoring developed;</li> <li>Staff recruitment completed;</li> <li>Staff received Livelihoods orientation;</li> <li>First round baseline done and data were analyzed;</li> <li>Strategies for baseline formulated;</li> </ul>		
<b>On-going Activities</b> Baseline for northwest; Collecting contextual information for southeast (Cox's Bazar & Chittagong).		
<b>Brief Description of findings/results</b> This is a relatively new project, therefore we are not in a position to share the findings;		
<b>Technical Reports Prepared</b> A case study on LMP has been developed and waiting for publication.		

Status Date: March 2001

Sector: Community Development



## CARE - 02

<b>Title</b> Strengthening Household Access to Bari Gardening Extension (SHABGE)		<b>Status</b> On-going
<b>Location</b> Cox's Bazar/Chittagong		
<b>Implementing Agency</b> CARE-Bangladesh		
<b>Executing Organisation</b> CARE-Bangladesh + 9 PNGO(s)		
<b>Funding Agency</b> DFID-Bangladesh	<b>Funds Allocated (optional)</b>	
<b>Start Date</b> July 1, 1999	<b>Completion Date</b> June 30, 2007	
<b>Contact Person with detailed address, telephone &amp; others</b>  Anthony Barclay Hill Project Coordinator SHABGE-DFID Project (SE) CARE-Cox's Bazar Field Office (Opposite to BDR Camp mosque) Jhilongja, Cox's Bazar-4700. Telephone no. 0341-62048 (Office) 011-812318 (Mobile) 0341-62213 (Res.) E-mail address: abhill@gshakti.com		
<b>General Objective</b>  To improve the household food security of poor women and men farmers in 5 districts.		
<b>Specific Objectives</b>  <ul style="list-style-type: none"> <li>Capacity of poor women and men to innovatively manage their homestead resources improved.</li> <li>FFS groups have enhanced ability to access information, inputs and services for homestead production.</li> <li>Effective network of service providers established.</li> </ul>		
<b>Activities Performed</b> <ul style="list-style-type: none"> <li>Training needs assessment of project and PNGO staffs</li> <li>Identify/select NGOs</li> <li>Sign MOU with PNGOs</li> <li>Foundation training for PNGO and CARE staff</li> <li>Developed PPs and budgets of the PNGOs</li> <li>Conduct gender workshops and training for PNGO and CARE staff</li> <li>Identify new working areas</li> <li>Implement options for secondary adoption</li> <li>Continue school programming</li> <li>Develop mechanism for networking with service provider and FFS/LE</li> <li>Attend technical/coordination committee meeting of DAE and NGOs at district and upazila level</li> </ul>		
<b>On-going Activities</b> <ul style="list-style-type: none"> <li>Technology promotion through on farm trials/pair trials</li> <li>Continue School program</li> <li>Promote Secondary adoption (buddy system, union mela, upazila mela, district mela, field day, wall writing/promotional board)</li> <li>Support to Phase out Farmers Field School (FFS) group (Conduct co-facilitators' training, Group mgt. &amp; leadership training, networking training.)</li> <li>Implement FFS to service providers linkage mechanism</li> <li>Jointly program implementation with Department of Agriculture Extension (DAE)</li> <li>Introduce phase out FFS group with local PNGOs, DAE (BS), seed, fertilizer vendors, credit institution and other GO, NGO, private impacts suppliers</li> <li>Piloting farmers federation</li> <li>Networking (DAE/Livestock/fisheries department, workshop, joint activities in the field)</li> <li>Coordination meeting/linkage (NGOs/CBOs)</li> </ul>		

**Brief Description of findings/results**

- Most of the women have gained positive changes in vegetable production, consumption and knowledge. Women are gaining incomes, which is either shared in the family or used by women "as they want".
- The project has great potential to support women to achieve changes in their social status. Many of the women are experiencing significant changes in their position in the HH and the community. The husbands were treating them with more respect and allowing them to participate in making decisions. Their mobility increased.
- The ability of poor women to benefit from this project is very dependent on the size of homestead.
- Overall the 'end result' of partnership has been graded in between 'medium to excellent'.
- PNGOs are delivering services at a lower cost. PNGOs are taking on more responsibilities for the project work. Both parties are trying to develop more of a partnership relationship.
- A standard capacity building program for a unique set of organizations is unlikely to meet the needs of each PNGO and results in provision of unnecessary and expensive support.
- There is a need for a practical plan for shared learning and programming development with PNGOs.
- The current project would be considered highly satisfactory by many development agencies, but if CARE and DFID expect SHABGE to have a significant impact on the formation of social capital there needs to be significant changes to how the Farmer Field School is organized and implemented.
- The SHABGE (DFID) project is resulting in the adoption of a wide-range of innovations that are undoubtedly beneficial, but they do not generate an understanding of underlying scientific principles, nor are they fostering systematic experimentation among the targeted women. FFS is these things that have provided the basis for self-sustaining learning groups in some other countries: groups that organize and conduct field trials and training of other farmers, group that negotiate services with government agencies and advocate their own issues and rights. All this is possible when farmers become experts. In SHABGE, the women are becoming adopters. A large number of them appear to be productive, healthy and happy adopters, but- after attending a Field School for more than two years- they are not experts.
- The consultant found a contradiction between the technology development approach and the FFS extension approach. The FFS approach is based on experiential learning and participatory development; whereas the current technology development approach is a more didactic, one-way information flow.

**Technical Reports Prepared:**

- 2 output to purpose review (OPR) done by external consultants
- Partnership review
- Farmers Field school approach
- Monitoring & Evaluation
- Historical Review of the Homestead Program
- ANR Conference proceeding (internally produced)

## CARE - 03

<b>Title</b>		<b>Status</b>
Local Initiative for Farmers Training		Direct delivery project
<b>Location</b>		Greater Noakhali district
<b>Implementing Agency</b>		CARE-Bangladesh
<b>Executing Organisation</b>		
<b>Funding Agency</b>		<b>Funds Allocated (optional)</b>
DANIDA		
<b>Start Date</b>		<b>Completion Date</b>
July 1, 1998		July 2004
<b>Contact Person with detailed address, telephone &amp; others</b>		
Ms. Sajeda Begum Project Coordinator – LIFT House # 66, Road # 7/A Dhanmondi R/A Dhaka 1209		
Tel.: 9112315/163 8114207 Fax: 8114183 E-mail: sajeda@carebangladesh.org		
<b>General Objective</b>		
Significantly higher levels of household livelihood security of approximately 26,000 small and marginal farmer households in selected areas of greater Noakhali Districts.		
<b>Specific Objectives</b>		
1. Farmers, in particular female farmers in the project area able to: <ul style="list-style-type: none"> <li>Apply their self-help potential;</li> <li>Make use of their homesteads and available natural resources for maximizing income and expenditure saving through BIG and tree management techniques (ecologically);</li> <li>Interact effectively with government and other services concerned with agricultural development</li> </ul> 2. A rural system of Local Suppliers (LS) of seedlings and seed production and tree management services established.         3. Improved nutritional well-being of farming households in the first phase project area (Cluster-1)		
<b>Activities Performed</b>		
Socio-economic baseline done for 1 <sup>st</sup> and 2 <sup>nd</sup> cluster participants. Worked in both 1 <sup>st</sup> and 2 <sup>nd</sup> cluster for the capacity building of participating farmer. Established 322 Local Nurseries (LSs) in the project area. Formed – 322 farmers field schools (FFS). Piloted nutrition education along with agriculture education.		
<b>On-going Activities</b>		
<ul style="list-style-type: none"> <li>Training for the project participants on agriculture nutrition and some other common problem like arsenic and disaster mitigation throu Farmers Field Schools (FFS)</li> <li>Working in collaboration with government Department of Agriculture Extension (DAE) to ensure support for the project participants</li> </ul>		
<b>Brief Description of findings/results</b>		
<ul style="list-style-type: none"> <li>Nutrition education and homestead vegetable production combindly improved the nutritional status of project participants.</li> <li>FFS groups do not exist after withdrawal of project support unless it has formed an association or Samity.</li> <li>Rural small nursery business in better runed by lower middle class farmer family not by the ultra poor.</li> </ul>		
<b>Technical Reports Prepared:</b>		
Socio-economic baseline report of 1 <sup>st</sup> and 2 <sup>nd</sup> cluster participants. Assessment of school activities of LIFT. Assessment of phased out cluster. Base line report of knowledge and behavior related to nutrition. Mid term report of nutrition pilot activities.		

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Project midterm review reports.
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## MCC

## MCC - 01

<b>Title</b> MCC Agriculture Programme		<b>Status</b> On-going
<b>Location</b> Greater district of Noakhali		
<b>Implementing Agency</b> Mennonite Central Committee		
<b>Executing Organisation</b> Mennonite Central Committee		
<b>Funding Agency</b> Mennonite Central Committee (MCC)	<b>Funds Allocated (optional)</b>	
<b>Start Date</b> Open ended project	<b>Completion Date</b>	
<b>Contact Person with detailed address, telephone &amp; others</b> Derek D'Silva MCC P.O. Maijdi Court, Noakhali Phone: 0321-5433		
<b>General Objective</b> Improvement of the quality of life of the rural poor		
<b>Specific Objectives</b> Build the capacity of the rural poor through: <ul style="list-style-type: none"> <li>▪ Utilizing their resources more intensively in an environmentally friendly way.</li> <li>▪ Increasing agricultural production through environmentally friendly activities.</li> <li>▪ Increasing incomes through best environmentally friendly management practices.</li> <li>▪ Enhancing learning.</li> <li>▪ Promoting Gender and Development awareness, and in increasing women's involvement in development.</li> <li>▪ Promoting awareness about the environment and its protection</li> <li>▪ Improving the health and nutritional status of the poor</li> <li>▪ Promoting awareness about peaceful family life</li> <li>▪ Selected and worked with 53 partner NGOs</li> </ul>		
<b>Activities Performed</b> <ul style="list-style-type: none"> <li>▪ Motivated over 4000 families to cultivate vegetables for home consumption and also for the market, raise poultry and livestock under improved management practices.</li> <li>▪ Trainings and lessons were given to farm households (men and women separately)</li> <li>▪ Extensive trainings given to farmers on compost preparation, manual control of crop pests and IPM.</li> <li>▪ Trials were done on station and on farm with vegetables, fish, goats, cattle and rice to identify technologies profitable to poor farmers.</li> <li>▪ Partner NGO staff skill developed.</li> <li>▪ Made available good quality seeds to partner NGOs.</li> <li>▪ Available of appropriate Agriculture Technologies to partner NGOs increased.</li> </ul>		
<b>On-going Activities</b> Same as above		
<b>Brief Description of findings/results</b>  High value crops like vegetables can be grown by the poor on marginal lands with substantial increases in income. Fish and poultry production over rice field is an option for poor farmers if credit is available and rice cultivation is not profitable due to deep flooding etc. Seasonal ponds (those that dry up in Dec. or Jan.) can produce a good crop of fish using gift and other locally available species. Medium and small NGOs can develop a capability to undertake agricultural extension activities with their clients/partners.		
<b>Technical Reports Prepared</b>  Research results published annually.		

Status Date: February 18, 2001

Sector: Productive Resources Management



### Association for Social Advancement (ASA)

ASA - 01

<b>Title</b>		<b>Status</b>		
<b>Poverty Alleviation Programme in Greater Noakhali District (104.Bang.184)</b>		On-going		
<b>Location</b>				
Noakhali, Feni and Lakshmipur Districts				
<b>Implementing Agency</b>				
Association for Social Development (ASA)				
<b>Executing Organisation</b>				
<b>Funding Agency</b>		<b>Funds Allocated (optional)</b>		
DANIDA		DKK 15,2000,000		
<b>Start Date</b>		<b>(Expected) Completion Date</b>		
March 1999		2002		
<b>Contact Person with detailed address, telephone &amp; others</b>				
Mr. Shafiqul Haque Choudhury, ASA Ph-811 9828; e-mail: asa@bd.drik.net Ms. Mahal Aminuzzaman, DANIDA (Ph - 882 2499)				
<b>General Objective</b>				
The project shall facilitate improvements of socio-economic conditions of the poorer part of the population in the project area. This will be achieved through provision of general awareness education, a savings and credit scheme combined with skill orientation, and health, nutrition and sanitation promotion. The target group is of poor landless and marginal households				
<b>Specific Objectives</b>				
Increased income for the target households Increased awareness of target households health, nutrition and hygiene Increased skills and qualification capacity for the target households.				
<b>Activities Performed</b>				
Training activities performed up to November 2000				
Sl. No.	Training Head	Participant's Designation	Participant	Venue
1	PSO Training	HRDS/HRDA/TBA T	66	BRDBTC
2	TOT Training	HRDS/UM/RM	41	BRDBTC
3	Motivation & Communication	HRDA, CO	158	BRDBTC
4	Health & Nutrition Training	HRDS, HRDA	64	BRDBTC
5	On Awareness Coordination Meeting	HRDA	54	Area Office
6	Health & Nutrition Coordination Meeting	HRDA	54	Area Office
7	Gender Training	UM/HRDS/HRDA/CO/JCO	199	BRDBTC
8	Health & Nutrition Follow-up Training	HRDA	54	BRDBTC
9	IGA Skill	UM/CO/JCO	133	BRDBTC
10	Awareness Education Training	HRDA	32	BRDBTC
11	Training on Leadership Training	HRDS/HRDA	63	BRDBTC
12	EPI & ARI	HRDS/HRDA	45	BRDBTC
13	LL Training	Group Leader	2973	Branch Office
14	Health & Nutrition	Group Leader	974	Branch Office
15	Inter Group Experience Sharing	Group Leader	2954	Branch Office

**On-going Activities**

6. Training activities
7. Savings activities
8. Credit activities
9. Human Resources Development (HRD) activities
  - Health Awareness
  - Demonstration Activities
    - Water Purification system
    - Low cost balance food preparation
    - Home gardening
    - Deficiency of vitamin – A capsule and distribution of vitamin – A capsule
    - De-worming
  - Clustered training
  - Growth monitoring of malnourished children
  - Traditional Birth Attended (TBA) Training
    - TBA basic training
    - TBA refreshers training
    - TBA monthly follow-up meeting

**Brief Description of findings/results**

There is a widespread influence of the fanatic fundamentalism in the districts of greater Noakhali. In fact, these districts are called the fanatic and fundamentalist region of Bangladesh. And it is well known that this fanatic group is always against the NGO activities specially, for the women activities. So the people of this area, both male and female are very much influenced by these leaders. Due to this reason, in the beginning of the project, the group members were reluctant to participate actively in the development awareness classes, clustered training, group meeting and also health checking for the malnourished children. For this, the dissemination of social and health awareness messages were hampered a lot.

Some group members, those who are fully involve in income generating activities, they consider that attending in the group meeting or in HRD activities kills their valuable earning hours and ultimately it reduce their income.

A good number of group members are housewife and they are always busy with their household activities. So, it is difficult for them to manage time to attend regularly in the group meeting and also HRD activities.

As per the project document, most of the HRD staffs should be female and local. Due to the fundamentalism, initially it was difficult to get the women staffs and women staff dropout rate was quite high.

But it should be noted that after two years implementation of this project, attitude of the group members are changing now and overall situation is improving significantly.

**Technical Reports Prepared**

Monitoring reports component wise prepared by the Branch Manager  
 Monthly reports of the savings and credit activities same as the monitoring report  
 HRD progress reports prepared by the Human Resource Development Supervisor (HRDS)  
 TBA performance report prepared by the Traditional Birth Attendant Trainer (TBAT)

Status Date: January 23, 2001

Sector: Community Development



**Mass-line Media Center (MMC)****MMC - 01**

Title		Status
Support to Mass-line Media Centre (104.Bang.184)		On-going
Location		
National Program including activities in Noakhali, Laxmipur, Feni, Patuakhali, Barguna, Barisal, Bhola, Jhalokati & Pirojpur,		
Implementing Agency		
Mass-line Media Centre (MMC)		
Executing Organisation		
Funding Agency		Funds Allocated (optional)
DANIDA		DKK 8,101,773
Start Date		(Expected) Completion Date
November 2000		2002
Contact Person with detailed address, telephone & others		
Mr. Kamrul Hassan Monju, MMC Ph-912 5077; e-mail : massline@bangla.net Ms. Mahal Aminuzzaman, DANIDA (Ph - 882 2499)		
General Objective		
The project is to enhance the respect for human rights of women and men, democratic participation of all citizens in the political process and good governance promoted through development of a pluralistic, independent and professional media sector		
Specific Objectives (related to coastal zone)		
The project activities will strengthening the local press through established and functioning media centres, secure coverage of human rights and gender issues and secure an increased circulation of local newspaper through provision of adequate support services		
Activities Performed		
<ul style="list-style-type: none"><li>– Training provided to local journalists</li><li>– Published Fortnightly newspapers from Noakhali and Patuakhali</li><li>– Conducted research on impact of training</li><li>– Arranged seminars/workshops on local human rights and development issues</li><li>– Support of ready reference service and a library with books on human rights, development and democratic issues for local journalists and others interested.</li><li>– Published books on local human rights and development issues</li><li>– Observed Union Parishad Election 1997 at the 5 coastal districts</li></ul>		
On-going Activities		
<ul style="list-style-type: none"><li>– Training for journalists</li><li>– Newspaper publication</li><li>– Research on local human rights, good governance &amp; women empowerment issues.</li><li>– Networking with stakeholders on human rights, development &amp; gender issues.</li><li>– Continuing a documentation and library service for all.</li><li>– Publications of books on human rights, development, good governance, journalism, research etc.</li></ul>		
Brief Description of findings/results		
<ul style="list-style-type: none"><li>– Training has created huge enthusiasm among the local journalists and their level of skill has increased</li><li>– Newspaper readership increasing.</li><li>– Good relationship with local media has established.</li><li>– Presentation of news in the local newspaper has changed and number of local news has increased in the local newspapers.</li><li>– Flow of local news from the local correspondents in the national dailies also increased.</li><li>– Networking seminars were highlighted the issues related to livelihood of coastal people and those were appreciated by the authority &amp; the civil society.</li></ul>		
Technical Reports Prepared		

Status Date: December 14, 2000

Sector: Awareness/Information dissemination



## CARITAS

## CARITAS -01

<b>Title</b> Sustainable Resource Management in Brackish Water Areas		<b>Status</b> On-going
<b>Location</b> 25 villages of Shyamnagar Thana under Satkhira District.		
<b>Implementing Agency</b> Caritas Fisheries Program		
<b>Executing Organisation</b>		
<b>Funding Agency</b>		<b>Funds Allocated (optional)</b>
<b>Start Date</b> October 1998		<b>Completion Date</b> September 2003
<b>Contact Person with detailed address, telephone &amp; others</b>  Mr. Bitu D' Costa, Executive Director Caritas Bangladesh 2, Outer Circular Road, Shantibagh, Dhaka – 1217, Bangladesh Tel : 831 5405-09 ; Fax : 831 4993; e-mail : <a href="mailto:caritasb@citechco.net">caritasb@citechco.net</a>		
<b>General Objective</b>  To establish an environmentally sustainable, economically viable and socially equitable community based coastal resource management approach in the rice/shrimp culture zone		
<b>Specific Objectives</b> <ul style="list-style-type: none"> <li>– To make people (men and women) aware of the degradation of the environment and involve people in protecting the quality of environment they live in.</li> <li>– To explore the other resource base social and economical opportunities available in the coastal areas, where shrimp culture is a single trend now.</li> <li>– To address the problems of coastal community in the areas of Agriculture, Forestry, Fisheries, Poultry, Livestock.</li> <li>– To support beneficiaries for sanitation water supply and environment development.</li> <li>– To involve poor/marginal in agricultural activities through scientific rotation of shrimp – paddy cultivation including proper management of salinity saline tolerant plant and paddy cultivation showing eco-friendly demonstrated activities.</li> <li>– To raise the institutional capability of organized beneficiaries, so that the community can continue and manage the activities when the project ends.</li> </ul>		
<b>Activities Performed</b> <ul style="list-style-type: none"> <li>– Baseline Survey Completed</li> <li>– Study Tour 1 (6 participants)</li> <li>– Staff Training 9 (88 participants)</li> <li>– Community Training 11 (1971 participants)</li> <li>– Workshops 11 (4119 participants)</li> </ul> <p>Demonstration activities on rice-shrimp farm (2); plant nursery (2 mangrove and social); rain water reservoir (2); eco-village; env. Educational program (2); env. Sanitation program (400 set); Plantation (20000 mangrove); vegetable seed distribution (75 kg); TW setup (6) and RGA (482 projects)</p>		

**On-going Activities**

- Familiarizing Project aims and objectives with local people.
- Identification of beneficiaries (through-PRA)
- Organize groups
- Carry out baseline re-survey
- Initiate groups activities, savings and awareness programs.
- Involve beneficiaries in Income Generation Projects.
- Establish demo -farms
- Capacity development of beneficiaries for environment protection and institutional development
- Involve other stakeholders for sustainable community development
- Introduction of bio-diversity with shrimp collectors, social forestry, homesteads gardening.
- Continue monitoring, evaluation and reporting.

**Brief Description of findings/results**

Status Date: January 28, 2001

Sector: Productive Resources Management

## Resource Integration Center (RIC)

RIC - 01

<b>Title</b> <div style="text-align: right;">RIC Maheshkhali Project</div>		<b>Status</b> <div style="text-align: right;">On-going</div>
<b>Location</b> <div style="text-align: right;">Maheshkhali UZ of Chittagong District</div>		
<b>Implementing Agency</b> <div style="text-align: right;">Resource Integration Centre</div>		
<b>Executing Organisation</b> <div style="text-align: right;">RIC</div>		
<b>Funding Agency</b> Help Age International, CARITAS, BPHC, AUS-Aid, CARE-DFID	<b>Funds Allocated (optional)</b>	
<b>Start Date</b>	<b>Completion Date</b>	
<b>Contact Person with detailed address, telephone &amp; others</b>		
<b>General Objective</b> Poverty alleviation through human resource and socio-economic development		
<b>Specific Objectives</b> <ul style="list-style-type: none"> <li>– Community based development program for elderly people</li> <li>– Mother-Child health care and family planning</li> <li>– Credit support for Income Generating Activity</li> <li>– Formal education for under – privileged children</li> <li>– Strengthening Household Access to Bari gardener Extension</li> <li>– Disaster Management Project</li> </ul>		
<b>Activities Performed</b>		
<b>On-going Activities</b> Working on all the specific objectives		
<b>Brief Description of findings/results</b>		
<b>Technical Reports Prepared:</b>		



## Southern Socio-economic Development Program (SSDP)

SSDP - 01

<b>Title</b>		<b>Status</b>
<b>DPHE- Danida Coastal Belt Rural Water Supply and Sanitation Component (CBRWSSC)</b>		On-going
<b>Location</b>		
The component area is located at 9 Unions of Kalapara Thana and Urban Kalapara Pourashava under Patuakhali District, Urban Amtali under Barguna district		
<b>Implementing Agency</b>		
<b>Executing Organisation</b>		
Southern Socio-economic Development Program (SSDP)		
<b>Funding Agency</b>	<b>Funds Allocated (optional)</b>	
DPHE-Danida		
<b>Start Date</b>	<b>Completion Date</b>	
1999	2004	
<b>Contact Person with detailed address, telephone &amp; others</b>		
Mr. Md. Habibur Rahman Executive Director SSDP Parjatan Road, Kalapara, Patuakhali Phone: 0446/62249-136		
<b>General Objective</b>		
The general objectives of the component is to improve the health of people in component area through provide Arsenic free safe water and raise consciousness on sanitation.		
<b>Specific Objectives</b>		
<ul style="list-style-type: none"> <li>- To improve the behavioral pattern of male, female and children in use of Arsenic free safe water and sanitary latrine.</li> <li>- To raise the consciousness of male female and children regarding cleanliness.</li> <li>- To increase the coverage of easy access, useable and effective water supply system.</li> <li>- To increase the skill of users regarding use and maintenance of tubewell thorough provide caretaker training.</li> </ul>		
<b>Activities Performed</b>		
<ul style="list-style-type: none"> <li>- Water point (Tube well) survey</li> <li>- Behavioral pattern survey on Watsan</li> <li>- Project orientation 02 batch.</li> <li>- School survey</li> <li>- Water point installation 192</li> <li>- Teachers orientation 06 batch, 98 teachers</li> <li>- Imam orientation 02 batch, 12 Imams</li> <li>- Youth group orientation 02 batch, 12 youth</li> <li>- Watsan committee orientation 06 batch</li> <li>- Cultural program 08</li> <li>- Tube well caretaker training 20 batch, 354 caretaker, male 173 female 181</li> <li>- Cultural activities</li> <li>- Issue based campaign</li> <li>- Watsan week observation</li> <li>- Community meeting</li> <li>- Tea-stall session</li> <li>- Imam orientation</li> <li>- Youth orientation</li> <li>- Watsan committee orientation</li> <li>- Solid waste management</li> </ul>		

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<ul style="list-style-type: none"><li>- Dustbin management</li><li>- Incinerator</li><li>- Public toilet</li><li>- Household latrine</li></ul>
<b>On-going Activities</b>  Personal contact, user group formation, courtyard meeting, household visit, water point installation, care-taker training, sanitary latrine construction in school, teachers orientation, latrine use and maintenance follow-up.
<b>Brief Description of findings/results</b>  The component activities are going on smoothly. The poorest of the poor people directly benefited through this component. Hygienic promotional activities for the user group members brought a significant result. This targeted members became more conscious on use of safe water and sanitary latrine. The greater portion of the targeted people began good practices regarding watsan.
<b>Technical Reports Prepared</b>  Monthly technical report prepared and submitted to the concerned authority from till now. Inception report was also submitted.



## Coastal Development Partnership (CDP)

**CDP - 01**

<b>Title</b> <p style="text-align: center;"><b>To support the appropriate development for southwest coastal region</b></p>	<b>Status</b> <p style="text-align: center;">CDP resource center</p>
<b>Location</b> <p style="text-align: right;">South west coastal region of Bangladesh.</p>	
<b>Implementing Agency</b> <p style="text-align: right;">Coastal Development Partnership (CDP)</p>	
<b>Executing Organization</b> <p style="text-align: right;">Coastal Development Partnership</p>	
<b>Funding Agency</b> <p style="text-align: right;">Care GOLDA project.</p>	<b>Funds Allocated</b> <p style="text-align: right;">5000.00 US\$</p>
<b>Start Date</b> <p style="text-align: right;">01 December, 2001</p>	<b>Completion Date</b> <p style="text-align: right;">31 March, 2002</p>
<b>Contact Person with detailed address, telephone &amp; others:</b>  Ashraf-ul Alam Tutu Coordinator 55/2 Islampur Road. Khulna. Phone: 041- 732865, Mobile ;017-296455, Email : tutucdp @ hotmail.com	
<b>General Objective</b>  To fulfill the information needs for the development of the south west (coastal ) region of Bangladesh.	
<b>Specific objectives</b>  The specific objectives of the resource centre is to furnish information in respect of the environmental characteristics , environmental disasters and development projects of the region for development activists, journalists , representatives of the civil society, people's representatives and students.	
<b>Activities Performed</b> <ul style="list-style-type: none"> <li>▪ Data collection</li> <li>▪ Compilation of news clippings</li> <li>▪ Publication of bulletin , News letters , and issue based booklets</li> <li>▪ Seminar, workshop, Round table dialogue on coastal development issues.</li> <li>▪ Research , investigation socio economic condition of shrimp fry collectors , Chars in south west coastal regions etc.</li> <li>▪ Operating a website.</li> </ul>	
<b>Ongoing Activities</b> <ul style="list-style-type: none"> <li>▪ Development of resource center</li> <li>▪ Relationship establishment with other organization (Resource Center, Universities, NGO,s )</li> <li>▪ Research, investigation ,study on coastal development issues</li> <li>▪ Seminar workshop RTD</li> </ul>	
<b>Brief Description of findings/Results</b>  The southwest region of Bangladesh is part of the Ganges dependent area (GDA) of Bangladesh. Land formation in a large portion of this area is still incomplete. The region has a web of innumerable rivers and streams. The most important factor in land formation and maintaining the fertility of the land is the sediment	

deposited by the rivers. The world heritage sites in the Sunderban are situated in this region. Rice in bio-diversity, this region is a natural feeding and breeding grounds for numbers specious of aquatic animals. An environmental –friendly development planning was necessary for this environmentally sensitive region. But a number of large scale projects were implemented without taking into considering the unique natural characteristics , land formation , resource management and river systems of this region , most of which yielded short term benefits . But later on most of the projects not only failed to deliver the intended benefits but also created numerous environmental disasters such as water logging , salinity, river salutation, river bank erosion, arsenic contamination, of ground water , mismanagement of the irrigation system etc. In addition the destructive effects of climate change caused by the rise in atmospheric temperature are seriously affecting the southern portion of this region. These disaster are causing misery to the entire population resulting in increase in poverty, occupational displacement, out migration, break- up of families, damage to agriculture and malnutrition of women, children and the elderly.

In order, therefor, to design new projects for the development of this region there is need a vast amount of data. Without sufficient data , it will not be possible to obtain a suitable perspective in respect of the unique environmental characteristics, implemented projects and available resources, and then design sustainable development projects.

Coastal development partnership (CDP) is active in its efforts to develop an appropriate perspective for the sustainable development and formation of appropriate programs for this region; and order to fulfil the information needs, CDP has established a **Resource center** at Khulna.

#### **Technical Reports prepared .**

Not applicable

Code:

Status Date: 18 February 2001

## CDP - 02

<b>Title</b>	<b>Status</b>
<b>Rice diversity and production in the Southwest of Bangladesh Using diversity and local knowledge to create sustainable livelihoods in the Coastal area of Bangladesh.</b>	Poverty Elimination through Rice Research Assistance (PETRRA)
<b>Location</b>	4 Districts of southwest coastal region as Khulna Satkhira, Bagerhat, & Jessore.
<b>Implementing Agency</b>	Coastal development Partnership (CDP), Integrated Action Research and Development (IARD), in close partnership with 16 local NGO's and the poor rice farmers in southwest of Bangladesh.
<b>Executing Organization</b>	International Rice Research Institute (IRRI) Bangladesh Rice Research Institute (BRRI )
<b>Funding Agency</b>	<b>Funds Allocated (optional)</b>
DFID through IRRI – PETRRA	Total 30,51,800 Tk CDP 9,08,250 TK Local NGO 21543550 TK
<b>Start Date</b>	<b>Completion Date</b>
01 October , 2001	31 March , 2004
<b>Contact person with details address, telephone &amp; others</b> Dr Khairul Basher Head ,GRS Division BRRI Gazipur Phone 02- 9257401- 5 (339), Mobile 017-101536  Ashraf -ul Alam Tutu Coordinator Coastal Development Partnership (CDP) Phone 041- 732865, Mobile 017-296455, Email tutucdp @ hotmail.com	
<b>General Objective</b> Productivity of rice based farming systems for resource poor farmers in sustainable increased.	
<b>Specific objectives</b>  A wide range of appropriate and modern rice varieties is made available to resource -poor farmers in the southwest of Bangladesh.	
<b>Activities Performed</b>  <ul style="list-style-type: none"> <li>▪ Selection and characterization of ecosystem for variety collection.</li> <li>▪ Selection of villages from the sub –ecosystems.</li> <li>▪ Selection of farmers within sub-Eco-systems for variety collection.</li> <li>▪ Collection of gearmplasm, passport and socio-economic data and preparation of village profiles of the selected villages.</li> <li>▪ Preliminary assessment Screening and storage of collected gearmplasm at BRRI.</li> <li>▪ Community assessment and documentation of the collected gearmplasm in respected village.</li> </ul>	
<b>On- going Activities</b> <ul style="list-style-type: none"> <li>▪ Seed multiplication of selected T. Aman varieties and establishment of on-station and on-farm trials with them to identify potential varieties.</li> <li>▪ Identification of potential trial Locations.</li> <li>▪ conduct participatory variety selection from the trial materials.</li> <li>▪ Multiplication of selected varieties and distribution for wider dissemination through established local NGO networks.</li> </ul>	

**Brief Description of findings/ results:**

Farmers in southwest Bangladesh face particularly stubborn environmental and social constrain in their production system. This includes a recent and rapid degeneration of the resource base, shifts in basic environmental characteristics, and limited availability of improved rice technologies. This project intents to address these problems by assessing local rice diversity, and facilitating communication between farmers in the southwest, to solve these shared, important problems. For phase 1, local rice varieties will be identified which have solved theses problems ( e.g. waterlogging ) for area farmers. For phase 2, these same farmers will share their varieties with other farmers who have similar problems.

**Technical Reports Prepared :**

Not yet compiled.

Code:

## CDP - 03

<b>Title</b> Capacity Building of the NGO's on Option for the Ganges flood plain area.		<b>Status</b> PADMA Network	
<b>Location</b>		Districts Within Ganges Dependent Area.	
<b>Implementing Agency</b>		Coastal Development Partnership CDP.	
<b>Executing Organization</b>		PADMA Network	
<b>Funding Agency</b> The PRIP Trust		<b>Funds Allocated ( optional )</b> 12,51,988 taka	
<b>Start Date</b> 01 August, 2000		<b>Completion Date</b> On Going	
<b>Contact person with details address, telephone &amp; others</b>			
Aroma Dutta Executive Director The PRIP Trust 59/A, Satmasjid Road, Dhanmondi R/A, Dhaka Phone 02-8119111, 8115953 Mob E-mail - prip@prip.org		Ashraf-Ul-Alam Tutu Member Secretary PADMA Network 55/2, Islampur Road, Khulna Phone 041-732865 Mob 017-296455 E-mail- tutucdp@hotmail.com	
<b>General Objective</b> PADMA is a Networking forum of NGO's working for the Capacity Building, development and conservation of environment and river management in the Ganges Dependent Area of Bangladesh .			
<b>Specific objectives</b> <ul style="list-style-type: none"><li>▪ To establish a Network of NGO's working in the Ganges Dependent Area of Bangladesh to ensure participation of the people in all river and water resource management projects in the region;</li><li>▪ To enhance the capability of the Networking NGO's to ensure people's participation in the Ganges Barrage and other projects;</li><li>▪ To fulfil the information needs of Environmental activists, Development workers, Researchers, journalists and general people in respect of the proposed Ganges Barrage project;</li><li>▪ To establish a Resource Center in respect of the Ganges River and the Ganges Barrage that will be of assistance to researchers and students;</li><li>▪ To enhance the awareness of the people inhabiting the Ganges Dependent Area in respect of water resource management and the environment;</li><li>▪ To ensure the participation of the people in all long term water-resource development projects;</li></ul>			
<b>Activities Performed</b> <ul style="list-style-type: none"><li>▪ Collection and dissemination of information;</li><li>▪ Establishment of a Resource Center for Researchers, Environmental activists, Development workers and Journalists and to maintain such information for the benefit of all;</li><li>▪ Establishing social relations Grassroots level to ensure people's participation;</li><li>▪ To publish booklets, bulletins; posters and leaflets in respect of the Ganges River and the Ganges Barrage;</li><li>▪ To enhance the knowledge of Network members and their personnel in respect of the Ganges Barrage, the Ganges River and its distributor rivers in the region and the environmental disasters which have affected the region;</li><li>▪ To organize monthly meetings, workshop, seminars etc. in order to develop stronger relationships among the Network members;</li><li>▪ To provide training on environmental issues to people belonging to different professions as part of general awareness raising in respect of environment;</li></ul>			

<b>Ongoing Activities</b> <ul style="list-style-type: none"> <li>▪ News clipping &amp; compilation</li> <li>▪ Research, Study &amp; investigation of River &amp; River management.</li> <li>▪ Issue based publication of Bulletin, Booklet, &amp; Newsletter.</li> <li>▪ Training , workshop &amp; Seminar</li> <li>▪ Relationship establishment with other organization.</li> </ul>
<b>Brief Description of findings/ results</b> <ul style="list-style-type: none"> <li>▪ The secretariat is functioning efficiency</li> <li>▪ Member organization are committing their involvement in the network.</li> <li>▪ Network staff attained professional competency in program and management areas</li> <li>▪ Relevant issues discussed and solutions evolved</li> <li>▪ NGO members are sharing local issues ( environment , development and river management)</li> <li>▪ Member NGO have developed action plans for their own organization.</li> </ul>
<b>Technical Reports Prepared</b> <ul style="list-style-type: none"> <li>▪ Some inventory and draft technical papers are prepared on 'Interrelationship between river management, Development and Conservation of environment.</li> <li>▪ One PRA report is prepared on 'Sedimentation of Nabaganga river at Jhenidah'</li> </ul> <p><b>Some reports are prepared as follows</b></p> <p>Waterlogging at Fakirhat- Bagerhat.</p> <p>Flood- 2000 at Ganges Depended Area .</p>

## CDP - 04

<b>Title</b> <b>Advocacy for Conservation of Bio-diversity in the Sundarbans Reserved Forest of Bangladesh.</b>	<b>Status</b> On going
<b>Location</b> Sundarbans impact zone of Khulna, Bagerhat & Satkhira.	
<b>Implementing Agency</b> Coastal Development Partnership (CDP)	
<b>Executing Agency</b> As above	
<b>Funding Agency</b> GGF A Tides foundation collaborative 3546 Pearl street , Boulder , CO 80301 USA	<b>Funds Allocated</b> 170,560.00 Tk. (1st Phase)
<b>Start Date</b> October, 2001	<b>Completion Date</b> October, 2004
<b>Contact Person with details address, telephone &amp; others</b> Ashraf -ul Alam Tutu Coordinator CDP Phone: 041 - 732865, Mobile: 017-294655, Email: tutucdp @ hotmail .Com	
<b>General Objective</b> The object of the project is to strengthen and enhance the capacity of the citizens forum for conservation of Bio-diversity in the Sunderbans Reserved Forest.	
<b>Specific Objectives</b> <ul style="list-style-type: none"> <li>▪ Sustainable management of the Sundarbans Reserved forest to ensure the conservation of its bio-diversity and at the same time protect the livelihoods of the people traditionally dependent on it.</li> <li>▪ Sustainable development of the coastal development of Bangladesh adjacent to the Sundarbans mangrove forest while ensuring conservation of the regions environment.</li> </ul>	
<b>Activities performed</b> <ul style="list-style-type: none"> <li>▪ Workshop for journalists of local, regional and national Newspaper at Khulna.</li> <li>▪ Localized workshop in the Sundarbans impact zone with people dependent on the Sundarbans for advocating Conservation of bio-diversity.</li> <li>▪ Two seminars at Bagerhat &amp; Satkhira.</li> <li>▪ One central seminar at Khulna.</li> <li>▪ Two Citizens committee Meeting (One planning meeting and one review meeting )</li> </ul>	
<b>On going Activities</b> Data collection Compilation of news clippings Issue based publication of Bulletin, Booklet, & Newsletter. Workshop, Seminar & Campaign .	

**Brief Descriptions of findings/Results**

The Sunderban reserve forest is the large mangrove eco-system that exists in the world today. Out of its total area of about 10,000 square Km lies within Bangladesh and the rest is in India. The sundari trees which the forest derives its name have recently been affected by a disease known as top-dying which has been attributed to excessive salinity. One reason for the excessive salinity is the total absence of fresh water flows from upstream during the dry months of the year. Secondly expansion of shrimp cultivation in the areas adjacent to the Sunderbans has resulted in increasing salinity as well as massive unemployment. The unemployment resort to extraction of forest resources and a massive degradation of the forest.

Poaching of animals such as the world renowned Royal Bengal Tiger for its skin and of deer for meat are threats to sustain of bio-diversity in the forest. Shrimp cultivation has given birth to an ancillary industry, that of collecting shrimp fries from the estuaries and creeks in and around the Sunderbans. But this practice kills millions of fry scores of their varieties of fish and shrimp, causing great loss to aquatic bio-diversity as well as fish stock in the coastal waters. All this needs to be addressed. Upokulio

Unnayan Shahojogy (Coastal Development Partnership CDP) has been conducting advocacy for conservation of environment and bio-diversity in the coastal region for years. Now that a project titled Sunderban Bio-diversity conservation Project is under implementation by the forest department, a strong advocacy is necessary to persuade the project authorities to address the underlying regions for the deterioration of the forest, such as stoppage of fresh water flow, shrimp cultivation etc. Hence the need for an advocacy program as detailed in this project.

**Technical Reports Prepared**

Not yet compiled.



## Integrated Social Development Effort (ISDE)

ISDE - 01

<b>Title</b>	<b>Status</b>
Coastal Embankment Maintenance Program	Ongoing
<b>Location</b>	
Cox's Bazar, Chittagong	
<b>Implementing agency</b>	
Integrated Social Development Effort (ISDE)	
<b>Executing Organization</b>	
Integrated Social Development Effort (ISDE)	
<b>Funding Agency</b>	<b>Funds Allocated (optional)</b>
WFP/BWDB	
<b>Start Date</b>	<b>Completion Date</b>
October 1997	June 2003
<b>Contact Person with detailed address, telephone &amp; others</b>	
<p>Mr. S M Nazer Hossain          Executive Director, ISDE, House # 485, Road # 01,          Block-B, Chandgaon R/A Chittagong-4212, Bangladesh. Tel: 031-671727, 018389567          Email: isde@ abnetbd.com</p>	
<b>General Objectives</b>	
<b>Specific Objectives</b>	
<ul style="list-style-type: none"> <li>▪ To create employment generation opportunities for the coastal under privileged and vulnerable women for a fixed period of relatively longer duration.</li> <li>▪ To integrate the hardcore poor women into the development program implemented by the local NGOs to eventually help the capacity building leading to a degree of self- reliance.</li> <li>▪ To ensure proper maintenance of fixed length of embankment and to ensure sustainable maintenance management system.</li> <li>▪ To enhance durability of infrastructure thus preventing major rehabilitation works.</li> </ul>	
<b>Activities Performed</b>	
<p><b>Embankment Maintenance:</b>          To protect the coastal embankment from the disaster and to reduce the expenditure of periodic maintenance work of the BWDB polder at the coastal areas, ISDE engages the coastal women in regular maintenance activities. The women are selected from the polder areas, through providing necessary training and orientation to take care maintenance of the embankment. ISDE provide necessary tools to take care. It also provide training about earth work and maintenance of embankment.</p> <p><b>EMG Formation:</b>          EMG is formed with the local distressed women. The EMG have a group leader to look after the group activities. ISDE field level staff supervises and monitors the EMG activities and provides necessary technical assistance to the EMG to maintenance the embankment.</p> <p><b>Integrated With Normal Development Work:</b>          To integrate with the normal development process and access in saving and credit facilities and continuation of the sustainable development of the under privileged and destitute women in coastal areas ISDE were initiated group formation activities with women. EMG worker was selected from the groups. The groups were provided different awareness raising, non-formal education, human and skill development training and credit support for income generation etc.</p> <p><b>Savings Accumulation:</b>          The group members were under covered in savings facilities. Each member were deposit 5/= every week and it make capital for future investment for them selves. All the members are save two types of savings. They save a fixed amount in-groups and another fixed amount is deposited in bank account from their wages.</p>	

<p><b>Credit for Income Generation:</b> To create a sustainable development program for beneficiaries, ISDE try to create alternative source of income for the EMG members through providing credit and technical support to the EMG members. Each member was brought under credit support and they were provided technical support for undertaken IGAs and well managed their IGAs schemes. Each member is provided Tk. 2000- 5000/- as loan for undertaking IGAs schemes. Team are paid back the installment within one year through 50 equal installments. They are also provided follow up service and orientation of their IGAs.</p> <p><b>Human and Skill Development Training:</b> Training is most important to transfer the technology and skill. ISDE were conducted different training to develop human and professional skill of the EMG members. During the reporting period ISDE was arranged course for the members. The duration of the course is 3-6 days and each batch 20-30 participants. The training field based and training center based. The development classes were conducted in group meeting based. ISDE's resources person in different skill and some outside resource person conducted the sessions.</p>
<p><b>Ongoing Activities</b></p> <p>Same as above</p>
<p><b>Brief Description of findings/results</b></p> <p>It has include at least 240 women into the embankment maintenance group (EMG), a total of 23 lacs has been distributed as credit to EMG members and most of them are trained on various social awareness raising and human and skill development issues.</p>
<p><b>Technical Reports Prepared</b></p> <p>Annual report</p>

## ISDE - 02

<b>Title</b> Women Employment Generation through Micro Credit Program		<b>Status</b> Ongoing
<b>Location</b> Cox's Bazar, Chittagong		
<b>Implementing agency</b> Integrated Social Development Effort (ISDE)		
<b>Executing Organization</b> Integrated Social Development Effort (ISDE)		
<b>Funding Agency</b> Action Aid Bangladesh, Population Concern UK, APHD Thailand.		<b>Funds Allocated (optional)</b>
<b>Start Date</b> August 1993		<b>Completion Date</b> Ongoing
<b>Contact Person with detailed address, telephone &amp; others</b> Mr. S M Nazer Hossain Executive Director, ISDE, House # 485, Road # 01, Block-B, Chandgaon R/A Chittagong-4212, Bangladesh. Tel: 031-671727, 018389567 Email: isde@abnetbd.com		
<b>General Objectives</b>		
<b>Specific Objectives</b> <ul style="list-style-type: none"> <li>▪ To involve the disadvantaged &amp; under privileged women in an institution building and development process for their socio economic improvement.</li> <li>▪ To make easy access credit and capital support to undertake IGAs for the targeted people who have no access to institutional credit facilities.</li> <li>▪ To create opportunities and field for the women in employment and income earning activities.</li> <li>▪ To assist the women in building their own capital, savings and asset from surplus income.</li> <li>▪ To release the beneficiaries from torture, deprivation and oppression from the moneylender, middleman etc.</li> <li>▪ To make easy accessible to the women and their family members the facility of education, preventive health care services, safe water and sanitation etc and other governmental and non-governmental facilities.</li> </ul>		
<b>Activities Performed</b> Organization Building and Development: ISDE works through beneficiaries organization based concept and all the development activities are run through it. Landless and near landless household owning less than 1.5 acre of land and permanently living in the working areas are eligible to become a member of ISDE's organized group. A group is formed with 20-25 people by taking one member from each eligible family. Separate groups for male and female are formed. After formation of the group individual members make compulsory group savings at least of Tk.5 per week. Credit workers facilitate the group activities run properly. Senior staffs of ISDE observed the group activities. After six months the group activities were run properly and regularly then credit support was given to individual to undertake income and employment generation project.  Awareness Raising and Training: The main causes of the poverty "not only less income, no expenditure plan is also the main cause of poverty". For this reason ISDE introduced 1-year development education classes for the group members. The development education classes provide awareness and education to the beneficiaries in different issues such as the problems of illiteracy, cause of poverty, importance of savings, divorce, women violation and torture, gender, women participation in income earning activities etc. ISDE also conducted various training courses for the group members and the leaders. The group members and the beneficiaries are provided with two types of training i) Human development and ii) Skill development training. These include human development, consciousness raising, leadership, group management, group record keeping, IGAs management, family law and women rights, weaving and handicrafts, poultry rearing, kitchen gardening, nursery development etc. Each course has 30 participants and course duration is 3 to 5 days. ISDE senior staff and trainers conducted the training course and some times resources people are hired from government and non-government sources.		

**Credit Support for Income Generation:**

Capital is the main problem to undertake any income and employment generation activities by the beneficiaries. ISDE provide credit support to create employment and income earning opportunities for the beneficiaries. ISDE does not introduce any new IGAs schemes, it is given emphasis to promote the existing field which is locally available, marketable and low technology. The current IGAs field are poultry rearing, cow fattening, goat rearing, small shop, rice husking, muri making, home gardening, bamboo and cane work, fish processing, weaving and handicrafts, betel leaf cultivation, agriculture, rickshaw van workshop etc. The credit is given with a 15% service charge and repayment is by 50 equal installments. The Credit Worker (CW) collects the installment at weekly group meetings and discusses about progress and strengths weakness of the group. After initial discussion for any individual loan application the CW helps to fill up the loan application and Unit Manager conduct a feasibility study and provides technical comments and recommend for approval.

During the reporting period ISDE has distributed another two types of subsidiary credit support to the beneficiaries. These are disaster credit and sanitation loan. The flood has damaged those projects or cyclones are able to get another loan from ISDE with out service charge. When a beneficiary receive second time credit she able to another subsidiary loan for installing latrine in her house.

**Ongoing Activities**

Same as above

**Brief Description of findings/results**

ISDE is mainly involved in building organizations & development of the poorest of the poor people of rural, urban and hilly areas to make habituated with savings generation and provide credit support to undertake income and self-employment generation activities. Side by side it provides human and skill development training to the beneficiaries members as well as the clients to create awareness about various social issues, develop human and leadership quality and professional skills. ISDE has already 635 groups and group member size is 13276, a total Tk.5348,948 has becomemulated as savings and individual savings become Tk1500-10500. Tk.16,486,500 has been distributed as credit for income generation to the 8372 group members and outstanding size are Tk.9,703,115.

The existing beneficiaries' IGAs schemes if affected by the flood or cyclone are able to get disaster credit support to rehabilitate their IGAs. The group members who already received two times credit support from ISDE and it they have no sanitation facilities in their household are able to get sanitation credit to install the latrine. ISDE also thinks to provide low cost housing credit for the beneficiaries. It also distributed Tk.123,000 as grant from welfare fund to the group member's family, in case of any death.

**Technical Reports Prepared**

Annual report

## ISDE - 03

<b>Title</b>	<b>Safe Drinking Water Supply and Sanitation Program</b>	<b>Status</b>	Ongoing
<b>Location</b>	Cox's Bazar, Chittagong		
<b>Implementing agency</b>	Integrated Social Development Effort (ISDE)		
<b>Executing Organization</b>	Integrated Social Development Effort (ISDE)		
<b>Funding Agency</b>	NGOF/DANIDA, CAFOD, MISERIOR	<b>Funds Allocated (optional)</b>	
<b>Start Date</b>	March 1992	<b>Completion Date</b>	Ongoing
<b>Contact Person with detailed address, telephone &amp; others</b> Mr. S M Nazer Hossain Executive Director, ISDE, House # 485, Road # 01, Block-B, Chandgaon R/A Chittagong-4212, Bangladesh. Tel: 031-671727, 018389567 Email: isde@ abnetbd.com			
<b>General Objectives</b> To build a happy and healthy society and environment through ensuring safe drinking water supply and personal hygiene practice.			
<b>Specific Objectives</b> To reduce the water born disease and improve the community health status through providing health and hygiene related behavior change activities. To ensure the safe drinking water supply and access sanitation facilities by providing education, awareness and necessary support to the community.			
<b>Activities Performed</b> <b>Access to the Safe Drinking Water:</b> Due to coastal areas, access to the safe drinking water is a major problem for the community people. The length of deep TW is high and most of the areas are very remote. As a result they are deprived from government facilities. It is very much costly to install any tube well or ring well in the hill areas. ISDE provide tube well materials with the help of NGO Forum and other individuals and organization.  <b>School Video Show:</b> ISDE has introduced school based education program to increase awareness about personal hygiene practice amongst the school going children. Video show and discussion were arranged for the school children to educate them. Before starting the video show a simple survey was conducted about the use of sanitary latrine and knowledge of hygiene matters. The lecture about sanitation and health increase knowledge about the use safe water and sanitary latrines. After a few days it has arranged follow up survey to find out the result/impact.  <b>Courtyard Meeting:</b> To improve and increase sanitation practice and knowledge amongst the group members special meetings were organized for sanitation education. ISDE field workers arranged special education and motivation classes for the group members using the flip charts, posters IEC materials etc. It is effective meeting for the rural women gathering in a yard to discuss about sanitation and hygiene related practices.  <b>Local Discussion Forum:</b> Local Discussion Forum were arranged for the community peoples where all the people sit together discussing the water and sanitation related problems. Local UP Chairman, leaders, thana level governmental officials took part the discussion. A resource person also provided an important lecture. After the discussion a documentary video film show program was arranged for the participants.  <b>Ring Slab Production:</b> From ISDE Ring Slab Production Center has produced 6470 ring slab during the year and distribute them to the beneficiaries and other community people with production cost. During the period ISDE has provided sanitation loan to 310 group members for installation of latrines. They repay the installment in their group meeting.			
<b>Ongoing Activities:</b> Same as above			

**Brief Description of findings/results**

Due to coastal and hill areas hardship life, safe drinking water and sanitation is most difficult. ISDE promote the safe drinking water supply, personal health and hygiene practices and improve the environmental health and sanitation status of the beneficiaries through providing hardware and software support for the community people. The hard ware packages are produced and distributed ring slab for installation of pit latrine, tube well and ring well, Pond Sand Filter (PSF), Rain Water Harvesting installation for safe drinking water. The personal health and hygiene education support provide through courtyard meeting, child-to-child school and community, adolescent workshop, school video film show, religious leader workshop, community meeting, mobile film show etc. It has installed 03 deep tube well with the support of individuals from UK.

**Technical Reports Prepared**

Annual report

ISDE - 04	
<b>Title</b> <b>Integrated Primary Health Care Program</b>	<b>Status</b> Ongoing
<b>Location</b> Cox's Bazar,	
<b>Implementing agency</b> Integrated Social Development Effort (ISDE)	
<b>Executing Organization</b> Integrated Social Development Effort (ISDE)	
<b>Funding Agency</b> Population Concern UK, EEC, Concern Universal	<b>Funds Allocated (optional)</b>
<b>Start Date</b> August 1994	<b>Completion Date</b> March 2004
<b>Contact Person with detailed address, telephone &amp; others</b>  Mr. S M Nazer Hossain, Executive Director, ISDE, House # 485, Road # 01, Block-B, Chandgaon R/A Chittagong-4212, Bangladesh. Tel: 031-671727, 018389567 Email: isde@abnetbd.com	
<b>General Objectives</b>  To reduce the mortality and morbidity rate in the 05 union amongst the 5000 household of Chakaria thana of Cox's Bazar district through preventive health care and MCH service.	
<b>Specific Objectives</b> <ul style="list-style-type: none"> <li>▪ To provide primary preventive health, nutrition and personnel hygiene education services to the 5000 households</li> <li>▪ To provide ANC and PNC service to 5000 household through developing TBAs and holding satellite clinics</li> <li>▪ To increase the immunization rate from 68% to 80% through campaigning and motivation</li> <li>▪ To reduce the morbidity and mortality rate especially for mother and children by providing adequate knowledge and services</li> <li>▪ To increase the sanitation coverage from 21% to 40%.</li> </ul>	
<b>Activities Performed</b> Health Education and Services: Preventive is better than cure, this is the main aims of the project activities. ISDE grass root level health worker female health visitor (FHV) were provided health education and service by the door to door visits and satellite clinics by the paramedic. The paramedic at both base and satellite offers general treatment for common diseases and ANC, PNC, clients. There are worms, anemia, respiratory tract infections, skin diseases, diarrhea and peptic ulcers were the common diseases in the areas. Due to coastal areas is also endemic in the area. Especial health education sessions were conducted for the pregnant and new mothers at the satellite clinics level. For the health education session ISDE use the courtyard, tea stall, cluster meeting, child to community and school, imam workshop channel for delivery the massages. Individual counseling were offered in both satellite and based clinic. Antenatal and Post Natal Care (ANC & PNC): Safe and hygienic delivery is the important problem in the project areas. ISDE offer the safe delivery service for the pregnant mother through developing TBAs and FHV. ANC and PNC are provided by the TBAs and FHV through door to door services. During the house visit high-risk mother have been identified and follow up visits made by the FHV and TBAs and some cases paramedic. Create awareness, motivation and information along with quality services. The acceptance of TBAs by the community has increased as a result a significant number of mothers are having their babies delivered by a trained TBAs. The FHV and TBAs took the initiative to monitor post partum services like FP method adoption, distribution of Vitamin A capsules, and clinical post partum checks.	

**Growth Monitoring:**

Malnutrition is major problem in the project areas, ISDE has arranged for nutritional status screening using MUAC the Mid Upper Arm Circumference. The coverage of MUAC monitoring is 80%. People are more curious to know the weight of their children and most of the mothers now know how to use the MUAC tape and so are able to monitor the status of their children by using MUAC tape. Almost all of the mothers know how to prepare ORS and produce a balanced diet.

**Immunization:**

Due to remote coastal backward areas EPI coverage still is not satisfactory in the project areas. The project staff and volunteers have continuously motivated and encourage the mothers about the importance of immunizing their children against six fatal diseases. As a result the community is strongly motivated to seek immunization and immunization levels have increased significantly. The irregular supply of vaccine and EPI champ is hampering the achievement.

**Contraceptives Distribution:**

The areas are very low priority areas of CPR in the country. Only 6% CPR coverage at the beginning of the project. Now it has increased to 41.10% amongst the eligible couples. The major methods used are the pill and condom. Due to bad and long distance communication IUDs and other clinical users check up have been slow. Ligations are inserted at the Thana health complex, which is far from the project areas. Currently all the FP education and motivation was mainly focussed towards women, it is really true that women were interested in using FP methods, but their husbands were often resistant for religious reasons. For this reason ISDE has arranged a special training courses for the Imam, the religious leader in and attempt to overcome the resistance and educate the community people. Male Supervisors also arranged evening IEC classes for the husbands. As a result the use of condom is increase in during the time.

**Nutrition Education:**

Due to lack of awareness malnutrition is the important child health problems in the project areas. People are produce lot of item vegetable and fish and nutritious food is available but they do not consume it. Generally they sale it in near market. As a result the malnourished and sickness is high. ISDE has regularly arranged health education for mothers including nutrition education, cooking demonstration and promotion of the kitchen gardening activities to reduce the malnourished child rate. The community people are well aware about the importance of kitchen gardening. Most of them have chosen kitchen gardening to supplement family income as well as providing nutritious food for the family.

**Sanitation coverage:**

People are not aware about the importance of the personal hygiene practices. In the areas most of them are use tu be well water for drinking purpose not only every home work. People are not interest to expend money in installing pit latrine. ISDE has arranged motivation, education, and awareness raising and counseling activities at households. In the coastal areas many families must walk a long way to collect the tube well water, ISDE has been installing tube well with the cooperation of NGO forum.

**Ongoing Activities**

Same as above

**Brief Description of findings/results**

IPHCP provide preventive and curative maternal and child health service in 5000 households at Chakaria thana. The service package are health education for adolescent, school students, children as well as the community people, ARI, family planning, ante natal care and post natal care, immunization to 1-under 05 children, growth monitoring of malnourished children. The channel will use for health education through courtyard session, tea stall, cluster meeting, school session, adolescent meeting and child-to-child school and community program. Especial health education session and service also conducted through satellite and EPI clinic. IPHCP also develop TBAs and village based volunteer to sustain and ensure community involvement. The project also provides water supply and sanitation support to the community people.

**Technical Reports Prepared**

Annual report



ISDE - 05	
<b>Title</b>	<b>Status</b>
ISDE-CARE-SHABGE-DFID Partnership Program	Ongoing
<b>Location</b>	Cox's Bazar,
<b>Implementing agency</b>	Integrated Social Development Effort (ISDE)
<b>Executing Organization</b>	Integrated Social Development Effort (ISDE)
<b>Funding Agency</b>	Funds Allocated (optional)
CARE-DFID	
<b>Start Date</b>	<b>Completion Date</b>
October 2000	June 2007
<b>Contact Person with detailed address, telephone &amp; others</b> Mr. S M Nazer Hossain Executive Director, ISDE, House # 485, Road # 01, Block-B, Chandgaon R/A Chittagong-4212, Bangladesh. Tel: 031-671727, 018389567 Email: isde@ abnetbd.com	
<b>General Objectives</b> To improve the livelihoods of poor and marginal female and male farmers through homestead vegetable and horticulture activities.	
<b>Specific Objectives</b> <ul style="list-style-type: none"> <li>▪ To assist the poor and marginal female and male farmers to manage their homestead agriculture production for improved household food security.</li> <li>▪ To assist the poor and marginal female and male farmers to change their nutritional food habit related behavior and practices through education and knowledge.</li> <li>▪ To improve the agricultural production through using modern agricultural technologies with poor female and male farmers.</li> <li>▪ To assist the poor women and men farmers to access information and quality inputs for raised homestead production.</li> <li>▪ To facilitate the process of establishment of commercial system which ensure the availability of seeds and other inputs to increase production in the homestead and small commercial agricultural production.</li> <li>▪ To raise the collaborative efforts with the researchers and farmers for identified action research.</li> <li>▪ To promote the organizational capacity and skills, which will capable to undertake and manage homestead agricultural program..</li> </ul>	
<b>Activities Perform</b> Formation Of Farmers Field School (FFS): The Farmers field school (FFS) is the major elements of the project, which way the project providing services and reaching to the goal and objectives. The FFS from with 20 primary participants of the project from targeted farmers. During the reporting period 20 FFS formed with 400 households. Under this FFS group there are 2000 secondary adopters, who are learning from main FFS group members. The FFS meets by fortnightly for message delivery and education classes conducted by the Extension Facilitator (EF). The FFS will receive a two-year duration for intensive service and follow up after that the old FFS will be phase out.  Development of Local Entrepreneur (LE): Local Entrepreneur (LE) is the key person the FFS group who will play important role to continue the FFS activities smoothly after phase out FFS. The LE will build a good contact with the other stakeholders. The LE is developing from FFS groups through providing intensive services and after observation of his/her performance and skill. The LE acts as leader of the FFS groups and s/he will work as tree propagator and vendor for certifies seed supplier to the community. Especial training, nursing and education will provided to the LE to develop as entrepreneur.	

**Staff Development Training:**

The project in cooperation with the CARE-SHABGE is provided basic and technical training support to develop staff skill on agriculture and livelihood security. To introduce modern technologies and updated development in the field of vegetable production, agriculture, nutrition and livelihood security the project staff skill developed through season long training (SLT) and other short term training and follow up services by CARE. Besides on the training service the cross visit also organized for the project staff to learn the new things.

**Agriculture Exhibition/Fair:**

To create a mass awareness to use the modern technologies of homestead agricultural practices and ensure food security through improve homestead agricultural production, the project will organize farmers field days and exhibition at the project areas. The school children, FFS farmers, LE, local GO-NGO staff and official will participate the farmer field day activities. The agricultural exhibition with joint collaboration with DAE also organized to demonstrate modern technology and practices show the best production.

**On farm trial/Experiments:**

The project is encouraging participatory research at farmer's level and it developing linkages with farmers and researchers for collaborative efforts to identify best practices. The on-farm trial and experiment is trying to identify economically profitable and economically sound systems. The experiment is conducting at the study plot. ISDE is trying to develop collaboration with local DAE, BFRI, BARC, HKI and other research organizations and individuals.

**Networking:**

The project is trying to develop networking with various stakeholders and groups who are working in the homestead vegetable and agricultural field. It will arrange regular sharing and discussion meeting, workshop etc with the all related stakeholder for better understanding and sharing. All the producers will have contact with the inputs suppliers and the buyers in the market. The networking maintaining with DAE, BARI, BFRI, HKI, BADC, BRAC, NGOs who are working in the same field, journalist and other related forums. It also developed linkage with IDE to provide low cost tradle pump for irrigation to the farmers.

**Livelihood Security:**

To ensure livelihood security, the SHABGE project providing technical and linkage support to the project participants. Under this project it has tries to improve the livelihood security through providing support on poultry rearing, livestock and fisheries. It has distributed high yelled variety of poultry birds to the farmers through building linkage with the local BRAC &ULO offices. The staffs providing door step technical services to the farmers for these purposes. They also arranged field-based training for the farmers. It also provides technical services on fish cultivation, developing ponds, cow-rearing etc. The project ahs developed linkage with ISDE's credit program to provide loan support to the project participants to undertake various IGAs.

**Ongoing Activities**

Same as above

**Brief Description of findings/results**

ISDE- CARE-SHABGE-DFID partnership project has performed various activities to promote household agricultural production to improve the socio economic status and reduce the vulnerability of food security. The newly design project covering the 4000 poor and marginal female and male farmers at ISDE's working areas of Chakaria at Cox's Bazar district. The project services are homestead vegetable gardening, nursery development for extension purpose, homestead plantation, seed preservation, raising poultry, fish cultivation and action research at farmers level. The strategy follow by the project are developing Farmers Field School (FFS) with the poor female farmers who have cultivable land not more then 0.5 acre, provide development education by forthrightly meeting, developing local entrepreneur, networking with local markets, GO, NGOs and individual who involved in agriculture activities. The other services are develop study plot for demonstration purpose, conduct action research at farmer's level, arrange agricultural fair, farmers field day etc activities to promote homestead vegetable & agricultural production.

**Technical Reports Prepared**

Annual report

ISDE - 06	
<b>Title</b>	<b>NGO Networking &amp; Partnership Program</b>
<b>Status</b>	Ongoing
<b>Location</b>	Cox's Bazar, Chittagong
<b>Implementing agency</b>	Integrated Social Development Effort (ISDE)
<b>Executing Organization</b>	Integrated Social Development Effort (ISDE)
<b>Funding Agency</b>	STD, PRIP, CDS
<b>Funds Allocated (optional)</b>	
<b>Start Date</b>	December 1999
<b>Completion Date</b>	June 2004
<b>Contact Person with detailed address, telephone &amp; others</b> Mr. S M Nazer Hossain Executive Director, ISDE, House # 485, Road # 01, Block-B, Chandgaon R/A Chittagong-4212, Bangladesh. Tel: 031-671727, 018389567 Email: isde@ abnetbd.com	
<b>General Objectives</b>  To promote the active and sustainable involvement of civil society in the effort towards improving the livelihoods of disadvantaged communities and households in South Chittagong, Cox's Bazar and Bandarban Hill districts, particularly by strengthening the capacity of the local non-governmental sector to fight against poverty, vulnerability and gender inequity.	
<b>Specific Objectives</b> <ul style="list-style-type: none"> <li>▪ To strengthen the managerial and organizational capacity of local NGOs, emphasizing the need to promote community participation and gender-equity.</li> <li>▪ To promote co-operation amongst the local NGOs.</li> <li>▪ To minimize inter-organizational inefficiencies (duplication and overlapping) through the co-ordination of activities in common project areas.</li> <li>▪ To provide a common platform linking the local NGO sector with national and international NGOs, GOs and other social actors.</li> </ul>	
<b>Activities Perform</b> <ul style="list-style-type: none"> <li>▪ By monthly networking and sharing meeting conducted for learning purpose. The entire member NGOs shares their ideas and problems and takes decision for further improvement. Resources persons also attended from STD and other organization.</li> <li>▪ Gender Relation Development and Planning training organized for member NGOs under the cooperation of STD. The training was conducted at Caritas Chittagong training venue and 25 participants were participated the training. CRC and Child labour another training courses organized under the cooperation from BSAF/ILO-IPEC at Cox's Bazar.</li> <li>▪ Organization development workshop arranged for member NGOs. After end of the workshop the participating NGOs are prepared a draft organization Management and Gender Policy for respective organization. Another final workshop will organize soon.</li> <li>▪ 08 member are selected to implement the replication of Child Access in Resources Development (CARD) project of Save the Children Australia. The Chief Executive and another mid level Supervisor from 08 member NGOs already visited SCA model site at Tangail and another 08 staff will award soon for one-month internship by the SCA for practical training and planning. The intern staff will stay with SCA partner NGOs and after end of their internship they will plan for their own organization.</li> <li>▪ Two roundtables were organized at Cox's Bazar on Early Marriage and Child Rights. The roundtables were participated from district level local Government officials, journalist, NGO leaders, political and social leaders.</li> </ul>	
<b>Ongoing Activities</b> Same as above	

**Brief Description of findings/results**

To building better understanding on gender, environment and human rights and enhance the capacity and skills of locally developed NGOs, ISDE working as secretariat of “Chittagong Southern Development Forum (CSDF)” a local NGO network. The activities are networking meeting, coordination with local NGO-NGOs and NGOs-GO administration, arrange workshops, staff development training, developing various manuals & procedures, information, experience & resource sharing amongst the members etc. It has also initiated to implement joint collaboration project with same models and criteria by the member NGOs.

**Technical Reports Prepared**

Annual report

