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INTEGRATED PROTECTED AREA CO-MANAGEMENT (IPAC)

SECOND YEAR – FIRST QUARTERLY
PROGRESS REPORT

June 1, 2009 – August 31, 2009

September 15, 2009

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The WorldFish Center, CIPD, RDRS, CODEC

BELA, Asiatic M&C, Oasis Transformation

Module Architects, IUB/JU

Acronyms and Abbreviations

A&E	Architectural and Engineering
ACF	Assistant Conservator of Forests (post of Park Wardens)
ADB	Asian Development Bank
ADP	Annual Development Plan
AF	Arannayk Foundation
AIDAR	Agency for International Development Acquisition Regulations
AIG	Alternative Income Generation
BCDP	Bangladesh Cetacean Diversity Project (WCS project)
BELA	Bangladesh Environmental Lawyers Association
BRAC	Bangladesh Rural Advancement Committee
CCNs	Cooperating Country Nationals
CDM	Clean Development Mechanism
CHT	Chittagong Hill Tracts
CHTDF	CHT Development Facility (UNDP funded project)
CIPD	Center for Indigenous Peoples Development
CMC	Co-Management Committees and Councils
CMO	Co-Management Organization
CO	Contracting Officer
CODEC	Community Development Center
COP	Chief of Party
CTO	Cognizant Technical Officer
DC	District Council
DCOP	Deputy Chief of Party
DEC	Development Experience Clearinghouse
DFID	United Kingdom's Department for International Development
DFO	Divisional Forest Officer
DoE	Department of Environment
DoF	Department of Fisheries
DPA	Development Project Aid
DPP	Development Project Proforma
dTS	Development & Training Services, Inc.
EC	European Commission
ECA	Ecologically Critical Areas
ELI	Environmental Law Institute
ERD	Economic Relations Division, Ministry of Finance
EWC	East-West Center
FAR	Federal Acquisition Regulation
FD	Forest Department
FRUG	Federation of Resource User Group
FUG	Forest User's Groups

GDA	Global Development Alliance
GEF	Global Environment Facility
GIS	Geographic Information Systems
GoB	Government of Bangladesh
IARC	International Agricultural Research Centers
ICFS	Inland Capture Fisheries Strategy
ICRAF	International Center for Research in Agroforestry
IEC	Information, Education, Communication
IPAC	Integrated Protected Area Co-management
IQC	Indefinite Quantity Contract
IRG	International Resources Group
IUB	Independent University of Bangladesh
IUCN	World Conservation Union
JU	Jahangirnagar University
KAP	Knowledge, Attitude and Practice
KM	Knowledge Management
LOI	Leaders of Influence
M&E	Monitoring and Evaluation
MACH	Management of Aquatic Ecosystems through Community Husbandry
MNP	Modhupur National Park
MoEF	Ministry of Environment and Forests
MoFL	Ministry of Fisheries and Livestock
MoL	Ministry of Land
NAPA	National Adaptation Program of Action
NBSAP	National Biodiversity Strategy and Action Plan
NGOs	Non-Governmental Organizations
NRM	Natural Resources Management
NSP	Nishorgo Support Project
NWP	Nature, Wealth and Power
PA	Protected Area
PLACE	Prosperity, Livelihoods and Conserving Ecosystems (PLACE) IQC
PMP	Performance Monitoring Plan
PPP	Public Private Partnerships
ProAg	Program Agreement
PRSP	Poverty Reduction Strategy Paper
RDRS	Rangpur Dinajpur Rural Service
RFTOP	Request for Task Order Proposal
RMO	Resource Management Organizations
RPA	Reimbursable Project Aid
RUG	Resource User Groups
SEALS	Sundarban Environment And Livelihood Support (EC funded project)
SMEs	Small and Medium Enterprises
SOW	Statement of Work

TO CO	Task Order Contracting Officer
TPP	Technical Project Proforma
UNDP	United Nations Development Program
USAID	U.S. Agency for International Development
USG	United States Government
WCS	Wildlife Conservation Society
WFC	World Fish Center
WWF	World Wildlife Fund

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Introduction

IPAC is designed to contribute to sustainable natural resource management and enhanced biodiversity conservation in targeted landscapes with the goal of preserving the natural capital of Bangladesh while promoting equitable economic growth and strengthening environmental governance. IPAC is being implemented by the Ministry of Environment and Forests, and Ministry of Fisheries and Livestock, through a consortium of partners led by International Resources Group.¹

The technical support contract for the Integrated Protected Area Co-Management (IPAC) Project was awarded on June 4, 2008 by USAID/Bangladesh through the PLACE Indefinite Quantity Contract (IQC) through Task Order no. EPP-I-01-06-00007-00. The IPAC contract provides for technical advisory services and other support to be provided over a five year period (2008-2013) to GOB environment, forestry and fisheries agencies responsible for the conservation of Protected Areas in Bangladesh. The IPAC team is also working directly with key stakeholders at the local level support to the further development and scaling up of the collaborative management or co-management of Protected Areas in Bangladesh.

This Fifth Quarterly Progress Report covers the period June – July – August 2009, or the first quarter of the second year of IPAC implementation. This report summarizes the accomplishments and completed activities of the past quarter, and priorities interventions identified for the next quarter of project implementation (Sept – October – November 2009). Annexes for this report include details of the IPAC Activity Calendar, a list of recent reports and deliverables and updated data for the IPAC Performance Monitoring Plan indicators. Further information about the strategic priorities and detailed activity plans for the second year of IPAC implementation are included in the Second Annual Work Plan for IPAC. For more information, please contact: IPAC, House 68 (2nd floor), Road 1, Block I, Banani, Dhaka 1213, Bangladesh tel. 880-2-987 3229 or visit www.nishorgo.org.

Summary of Progress

Accomplishments and Successes

The quarter began with the organization of the first annual review and preparation of the second annual work plan for IPAC, and it closed with the quarterly review session organized Sept 2-3, 2009. These review and planning sessions provided excellent opportunities for the core technical staff, Cluster field staff, implementing partners, GoB focal points and USAID to assess progress and to review priority interventions for the continued implementation of IPAC in its second year.

Taking into account the feedback from periodic performance reviews, and in response to emerging opportunities and ongoing discussions with USAID and others, the IPAC team is being restructured to provide increased technical support for (1) value chain strengthening and income generating activities, (2) decentralized and reinforced site level implementation, (3) consolidated and strengthened policy support, (4) social mobilization and empowerment of co-managers and (5) IPAC communication campaigns and outreach. A decision was also made to end the assistance through the implementing partner RDRS (effective September 30, 2009), and to identify a new partner for support to IPAC Central and Sylhet Clusters.

¹ In addition to IRG, the IPAC team partners include: WWF-US, dTS, East West Center, ELI, Epler-Wood International, WorldFish Center, CIPD, RDRS, CODEC, BELA, Asiatic Communications, Oasis Transformation, Module Architects, Independent University of Bangladesh and Jahangirnagar University.

This restructuring process was assisted over the past quarter by short term visits by Philip DeCosse, IRG home office manager (in June), by Asif Shaikh, IRG President (in early August) and by David Joslyn, IRG performance assessment specialist (in mid August). Additional short term assistance from Janet Esquivel, IRG Project Management Specialist, is planned to follow through with budgetary revisions and the contract modification process required for implementing the proposed team restructuring and realignment of IPAC technical support.

During the past quarter, the IPAC made continued progress against our performance indicators. We exceeded our targets with respect to leverage financing for conservation, and were on track or making satisfactory progress with respect to indicators related to number of policies, laws and agreements in support of conservation and curriculums and training modules designed and taught.

Highlights of the past quarter of IPAC project implementation activities included:

- Inception Workshop for IPAC Central Cluster, organized with RDRS, GoB technical departments, local communities and other co-management stakeholders in Moduphur
- Orientation workshop on Forest, Environment and Fisheries Laws and Policies, organized with BELA, for IPAC field staff and government technical staff
- Organization in Srimongal of a 2 day workshop on lessons learned in wetlands and forest co-management
- Organization of training on the collection and utilization of Protected Area entry fees; follow up support has been provided to develop comprehensive action plans for infrastructure improvements and other measures designed to support the improved management of visitors, sustainable ecotourism and increased community-level economic benefits
- Completion of the Strengths, Weaknesses, Opportunities and Threats (SWOT) assessment of ecotourism in the Sunderbans Reserved Forest, with the support of IPAC partner Epler Wood International
- Completion of Participatory Rural Appraisal and site assessment reports for 21 new and old IPAC sites; these reports were reviewed and discussed with Forest Dept in Central Cluster, Sundarbans, SE Cluster and Sylhet, and taken into account in planning CMC formation and AIG support
- Further revision and approval by the Forest Dept of the new GO for CMC; final review and approval is in process in MoEF
- Mobilization of two national consultants (Dr. Niaz Khan, Dhaka University, and Dr. Harunur Rashid, Presidency University) to advise on and support the revision of Social Forestry Rules and preparation of new guidelines for increased investment and local level benefits in social forestry linked to PA conservation; their work was completed, in collaboration with BELA and Arannayk Foundation and final approval of the revised Social Forestry Rules is pending with MoEF and the Law Ministry
- Social mobilization and formation of 2 new CMC for Kaptai National Park; organization of new CMCs is also well advanced for Modhupur National Park, Khadimnagar National Park, Medhakachapia National Park, and has been initiated in the Sundarbans and other new sites.
- Completion of the IPAC Communications Strategy and Activity Plan, with the support of IPAC partner, Asiatic
- Organized a book launching event for the NSP publication, “Images from the Wild: Travels through Five Nishorgo Forests” by Sirajul Hossain and Philip DeCosse

- Organization of IPAC field support and communications assistance for National Tree Fair (including publication of articles about co-management and IPAC), World Environment Day (including publication of a technical note about IPAC and biodiversity conservation) and Fish Fair / National Fish Week, in close collaboration with central and field staff of Forest Dept, Dept of Environment and Dept of Fisheries; this included provision of banners, posters, T-shirts, support for media events, newspaper articles, tree-planting and release of fingerlings, etc.
- Collaboration with US Forest Service team for the planning of a training workshop on carbon project preparation
- Inauguration ceremony at the Fisheries Training Academy, Savar and organization with IUB/JU of the first 6-week certificate course on conservation biology and co-management
- Organization of a workshop on research methodologies for 12 fellowship grantees selected to carry out applied social science research in and around IPAC sites over the next 6 months, with support from World Fish Center and East West Center
- Ceremonial ground breaking for the Lawachara Nature Interpretive Center (in early August), and re-launching of the fund-raising campaign for PPP contributions to the construction fund of the Interpretive Center
- Inauguration of the student dormitory for Lawachara National Park, and development of co-management guidelines for operation and maintenance of the dormitory
- Organization of Consultative Meeting on Conservation and Co-management of Lawachara National Park, with the participation of the CMC, local stakeholders and distinguished VIPs, including US Ambassador, USAID Mission Director, Chief Whip of the Parliament, Chairman of the Parliamentary Standing Committee on Environment and Forests, Secretary of the Ministry of Environment and Forests, Chief Conservator of Forests, Deputy Commissioner – Moulavibazar and others.
- Collaboration with design team for a new project “Participatory Forest Management and Reforestation in Chunoti Wildlife Sanctuary”; agreement was reached in principle to proceed with funding of approximately 2.5 million Euros to regenerate or replant 3,000 ha in the CWS, expand AIG support for surrounding communities, through increased support for co-management, in close collaboration with CMCs and IPAC
- Finalization and printing of the illustrated extension booklet (in Bangla) on “good practices” in community based fisheries management and wetlands co-management, in collaboration with the Dept of Fisheries and with the technical support of World Fish and Asiatic
- Continued field survey work for baseline data collection and monitoring of changes in bird populations in targeted co-managed Protected Areas, with the assistance of JU

Over the next quarter, IPAC will be supporting the following priority interventions:

- Review of bids and award of new subcontract for implementing partner(s) in Central and Sylhet Clusters
- Hiring and training of new staff, according to the terms of proposed contract modification, when approved
- Organization of briefings on IPAC for new State Minister of MoEF, Minister of Fisheries and Livestock, Minister of Land, Minister of Food (and MP for Moduphur) and other senior government officials; follow up briefing on 3 page summary report from Lawachara Consultative Meeting with Chief Whip and Parliamentary Standing Committee on Environment and Forests

- Mobilization and organization of first formal meeting of IPAC Policy Advocacy Group
- Final approval of new GO for CMC, Social Forestry Rules, Wildlife Act revisions and additional guidelines and GO in support of increased community benefits associated with PA co-management
- Follow up on support for entry fee collection, utilization, visitor management and eco guide training in targeted PA with expected high volume of visitors
- Organization of Cluster level training in NRM, climate change adaptation and mitigation, environmental governance and law enforcement, in collaboration with BELA, WorldFish and others
- Organization of a workshop to identify and document the most promising AIG modules
- Follow up on bamboo value chain strengthening and increased support for other enterprise development and AIG support and related training activities
- Follow up with US Forest Service, JU/IUB and others to prepare and organize a major training activity for carbon project preparation
- Participation in FD/EC-SEALS / WTB workshop to review the results of the Sundarbans Protection Assessment, and organization of additional field studies for infrastructure assessment and building design, economics study, fisheries study, strategic management planning for SRF and related support
- Follow up on CONIC fund raising and further development of PPP
- Renewal of collaboration with Scouts in support of PA co-management
- Expansion of cooperation with GTZ for the dissemination of improved cook stoves
- Mobilization of gender assessment specialist and team
- Mobilization of social mobilization expert
- Adoption of national program name, slogan, logo and launching of communications campaigns in targeted sites
- Initial preparation of IPAC Tool Kit on good practices for PA co-management
- Leveraging of partnerships and collaboration with PRICE (value chain strengthening), ICEA (energy), UNICEF (rural water supply), Scouts, Leaders of Influence, Arannayk Foundation and others

Project Implementation

IPAC includes three main components:

1. **IPAC Strategic Framework:** Development of a coherent strategy for integrated protected areas co-management and biodiversity conservation, through support for constituency building; visioning, policy analysis and strategy development; partnership building for sustainable financing; and development of an outreach and communication strategy with a focus on awareness-raising.
2. **Capacity Building:** Building stakeholder and institutional capacity, through support for training to GOB national and local level staff, NGOs and rural communities; strengthening

of existing training centers and development of new and innovative applied training courses; and development of local support services for integrated, participatory co-management.

3. **Site specific implementation:** Support implementation of co-management in Protected Areas to continue field testing and institutionalization of proven approaches for integrated PA co-management in existing and new aquatic and terrestrial protected areas; this will include the selection of additional sites to scale up the network of co-managed PA, and expanded support for alternative income generation activities, value chain strengthening, public-private partnerships, leveraged conservation financing and local level outreach to increase community interest in conservation and environmental stewardship, while contributing to improved welfare of rural communities through reduced vulnerability and increased adaptation to climate change, increased access to improved drinking water supplies and more secure and diversified livelihoods.

The project will also support **cross-cutting approaches** to take account of gender perspectives in natural resource management and to enhance gender mainstreaming processes, along with a focus on youth, to improve the livelihoods of young people and to provide a solid future constituency for conservation.

During the first year of implementation of IPAC, the project team supported project activities organized to achieve results targeted by USAID for each of these three main components, with respect to increased economic benefit (wealth), strengthened governance (power, rights), and biodiversity conservation and improved natural resource management (conservation).

	<i>Governance</i>	<i>Conservation</i>	<i>Economic Growth</i>
IPAC Strategy	Policy and legal framework for co-management of PA system	Training and capacity building strategy	Entry fee , revenue, benefit sharing guidelines
Capacity Building	Establish, institutionalize national PA system	Certificate courses, foundation training	Promote public private partnerships, alliances
Site Implementation	CMC, RMO organization; support services network	Scale up landscape management plans and habitat restoration	Expand conservation enterprises and poverty reduction (RUG)

The following sections provide more details about activities implemented over the past quarter for each of the main components of IPAC.

Development of IPAC Strategic Framework

In order to integrate, institutionalize, scale up and sustain Protected co-management, a number of changes are needed in the policy, regulatory and institutional framework. This includes innovative new provisions for sustainable conservation financing, as well as strengthened agreements and increased economic incentives in support of PA co-management through the provision of clearer rights and increased benefits for local communities. Over the past quarter, progress was made against

these overall results and targets related to the establishment of a national system or network of co-managed PA, and the improved enabling environment for this system.

- Grants from 50% of PA entry fees ready to be mobilized, once CMC plans prepared
- New GO for CMC reviewed, revised, transmitted by Forest Dept to MoEF for approval
- Revisions to Social Forestry Rules formulated, approved by FD and MoEF and transmitted to Law Ministry
- New Wetland Management Policy issued by MoL
- Wildlife Act Revisions reviewed by Law Ministry; responses to questions being prepared
- Ground-breaking organized for Lawachara CONIC; additional PPP fund-raising underway
- Training on laws and policies (BELA) and on entry fee

An important role in advancing the IPAC policy agenda is being assigned to a Policy Advocacy Group. Over the past quarter, continued progress was achieved in establishing this group, which would have the following main functions and roles:

- To advise on formulation of IPAC strategic framework
- To facilitate formal adoption of IPAC action plan
- To advocate for Government actions needed to move forward with IPAC action plan
- To identify and assist in pursuing opportunities for leveraging partnerships

An information note and TOR were prepared, and a short list of candidates contacted; the first meeting of the PAG is expected to be convened in early October.

Over the next quarter, the following activities will be targeted for IPAC strategy and policy work:

- Organization of high level briefings with new Ministers
- Clarify entry fee rates; approve dorm management guidelines
- Follow up on Sundarbans and Lawachara Consultative Meetings
- Procedures for zoning and demarcation of buffer zones around Protected Areas and benefit sharing rules
- Carbon forestry – carbon financing facility
- Follow up on wetlands leasing to support co-management
- Promote CSR grants and PPP in support of IPAC implementation

Related governance issues that need to be addressed by the IPAC team include:

- Revamping of CMC and CPG to increase accountability, clarify rights and secure sources of funding
- Support a comprehensive approach to entry fee collection and utilization
 - Transparent collection and accounting of entry fees
 - Dormitory management by CMC
 - Participatory approach to planning for utilization of entry fees

- Prioritize ADP actions to improve visitor management
- Provision for equitable benefit sharing from revenues, income, economic activities developed through PA co-management at landscape level
- Reinforce economic incentives for AIG linked to conservation and sustainable use of NR

Communications and Outreach

Over the past quarter, the IPAC team:

- Completed the communication strategy and 1 year Activity Plan
- Developed key messages for targeted audiences of nationwide communications and outreach campaigns
- Organized the book launching for “Images from the Wild”
- Celebrating different National and International Days to raise awareness of environmental conservation and co-management issues
- Prepared a series of “Weekly reports” for USAID and Success Stories
- Developed IPAC banners for major events and cluster offices, and provided materials for news student dormitory at Lawachara
- Prepared an updated audio-visual presentation on IPAC for the Lawachara consultative meeting
- Prepared the first IPAC Newsletter, developed a new brochure and designs for upgrading the IPAC web site
- Led brainstorming about proposed schedule of talk shows and policy round tables
- IPAC presentation and outreach materials (in Bangla) developed by Central Cluster team

In early June, the Sundarbans Watch Group sent a letter to MoEF to enquire about IPAC interventions in the Sundarbans. Following receipt of a copy of the letter in early July by the Forest Dept and IPAC, a Forum for concerned NGOs was organized on July 28 in Khulna by the Forest Dept with the Governance Specialist and IPAC Cluster team to address the main questions raised about IPAC and the conservation of the Sundarbans. Information on IPAC that had been presented previously and many issues that had been discussed during the Sundarbans Consultative Meeting (April 18) and IPAC Cluster Inception Workshop (April 22) were reviewed, and follow up consultations are being planned to address issues of requested budgetary support to local NGOs.

Capacity Building

Over the past quarter, IPAC supported training in the following areas:

- Entry fee collection and utilization and student dormitory management
- Improved understanding of the legal framework for co-management
- Use of GPS in forest management practices

An initial training on the approved Entry Fee Guidelines was organized in Dhaka and included staff from the Central Cluster; a follow up training was organized in Sreemangal for Sylhet cluster and in Cox’s Bazar for the SE Cluster. Forest Dept DFOs and concerned ACFs as well as some community members participated in Dhaka training; one Deputy Secretary from Ministry of Finance acted as a resource person. CMO office bearers, ACF, Range Officers and Beat Officers participated in the Cluster level training and 2 ACFs from Dhaka acted as resource persons. Site Coordinators and

Communication and Governance Staffs from all clusters participated in the training on Laws and Policies held at BELA, Dhaka in June 2009.

Guidelines for development of Local Support Service networks have been prepared and circulated to the IPAC Site Coordinators for implementation. Another guideline on the designation of Group Promoters has also been prepared and circulated. The main objective of these two guidelines is to ensure local support for more cost effective and sustainable implementation of co-management activities at the field level.

A major workshop was organized June 13-14 in Srimongal with the support of World Fish and other partners to take stock of lessons learned in the co-management of wetlands and forests. On July 6, a well attended event was organized with IUB/JU and the Fisheries Training Academy for the inauguration of the first 6 week certificate course on conservation biology and co-management. The State Minister for Environment and Forests attended as the Chief Guest.

In July and August, the team also worked with USAID/Bangladesh, the US Forest Service, Forest Dept, DoE, DoF and others on the advance planning for a major training activity in support of the preparation of carbon land use projects. The carbon project preparation training workshop is expected to be carried out in late October / early November 2009, and will include fieldwork in the Sundarbans designed to build capacity for measurement of carbon stocks.

The details on participation and costs for these and other workshops, training and capacity building activities is regularly provided to the USAID TraiNet database and reporting system, and reported to the GoB through TPP/DPP reporting provisions.

In the next quarter, emphasis will be given to the organization of training for eco guides, in collaboration with Tour Operators and concerned CMC. In addition, a series of short courses are being developed with WorldFish and the implementing partners in each Cluster to support AIG, improved NRM, adaptation to Climate Change and other priority topics and skill areas. These training modules will take into account the recommendations of the IPAC Capacity Building strategy developed with the assistance of Thomas Catterson, Environmental Institutions Specialist during the previous quarter.

Applied Research Grants: The IPAC Project with support from the East West Center (Honolulu, Hawaii) and the World Fish Center are providing 12 research grants in 2009 – 2010 to support six months of field research on the impact of co-management initiatives on rural livelihoods in the five Clusters where support is being provided by IPAC Project. In July, the candidates for research fellowships participated in a research methodology workshop organized with the assistance of Jeff Fox, East West Center and WorldFish. Each participant benefitted from a review of relevant literature, and technical support for the finalization of their research proposals. Fellowship grant agreements have been prepared and grants will be managed by WorldFish over the next 6 months.

Site Specific Implementation

Over the past quarter, Cluster teams have documented progress at individual sites through the preparation of “Fact Sheets” as well as monthly progress reports. Summaries of progress in site level implementation were presented and discussed during the quarterly review and the following points emerged from the discussion.

- Further work is needed in social mobilization to ensure a more proactive approach on the part of CMO, and to develop local capacity and reinforce more sustainable interventions
- Additional efforts are needed to integrate fisheries resources and wetlands management into the landscape level interventions around FD protected areas
- Coordination is being reinforced with IUCN and CWBMP, with respect to Tanguar Haor and wetlands / coastal ECAs

- Value chains have been identified and plans developed for VC strengthening; implementation is required to provide producer level training and linkages to markets

New CMOs have been formed at two ranges of Kaptai National Park in the CHT Cluster. These CMOs were organized according to the CMO structure prescribed in the new Government Order. In other IPAC Clusters, work is in progress for forming new CMOs. To finalize the Annual Development Plans for CMOs, one workshop was held at Sreemangal and another workshop was held at Cox's Bazar in the past quarter.

In collaboration with the Forest Dept, satellite imagery was purchased and field work organized in support of land use analysis and mapping for the Bhawal National Park.

As a follow up to the Value Chain strengthening training organized in the previous quarter, Enterprise Support Facilitators worked with the Cluster teams to prepare a series of Value Chain Assessment reports, with recommendations for site level interventions to be carried out in the coming months. The targeted value chains and sites are:

- Woven indigenous cloth at Kaptai, CHT Cluster
- Eco-tourism value chain program design, Central Cluster
- Bamboo made products (Kharung) at Medhakachapia National Park, SE Cluster
- Nursery Management at Lawachara National Park, Sylhet Cluster
- Fisheries Value Chain (pond fish culture) at Sarankhola Site, Sundarbans Cluster

With the support of Oasis and in collaboration with AFE/Katalyst and interested bamboo processing companies in Dhaka, IPAC staff facilitated the collection of representative bamboo raw materials from SE, Central and Sylhet Clusters; additional contacts will be made to explore the potential for contract farming or outgrower schemes with producer groups engaged in improved bamboo clump management in targeted sites.

Performance Monitoring

Over the past quarter, baseline information on bird populations was collected, and protocols were developed for baseline collection on fish production.

Training was provided to PMAR Associates working in each Cluster to strengthen PMP data collection, and to ensure regular reporting on a monthly basis. In the next quarter, coordination will be reinforced to take full account of feedback from performance monitoring (data from previous month) in site level implementation planning (for the next month).

During the quarterly project review, the team reviewed progress achieved with respect to each PMP indicator (see details in Annex 3.). Discussions focused on actions needed to accelerate and increase progress in a number of areas, including area with improved biophysical conditions, generation of economic benefits, expansion of training activities, awareness raising, and impacts related to climate change and drinking water supply. A number of actions related to needs and opportunities for improved achievement of performance targets were identified for the next quarter to achieve targets in these key areas.

In the next quarter, the team proposes to confer closely with USAID/Dhaka to review both indicator definitions and proposed targets in order to fully take account of performance to date, and to consider necessary updates in the year to year scheduling of targeted impacts and results.

Project Management

Administration and Finance

In anticipation of the close out of RDRS, discussions were held with IPAC partner CODEC, and agreement reached for an extension of their support to Central and Sylhet Clusters for up to 3 months, pending approval of a new implementing partner.

As part of the contract modification, IRG is requesting approval for an increase in the reimbursement rate for motorcycles, from 6.5 to 8 taka/km, as the reduced rate has made it difficult to organize sufficient support for field transportation at the Cluster level.

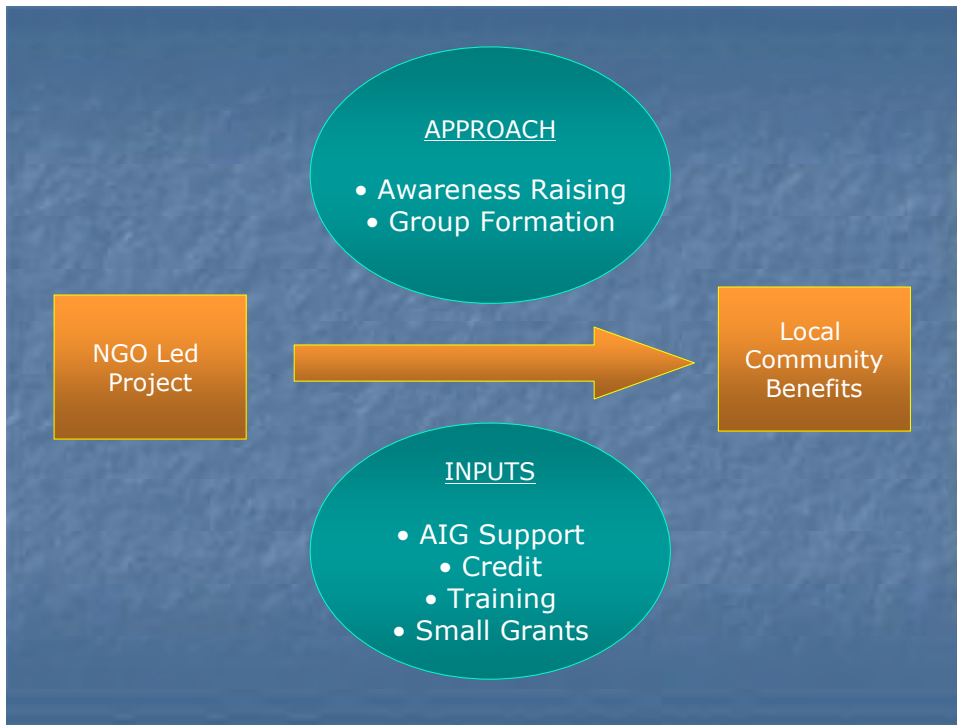
An audit is being organized of all local implementing partners in September, along with an updating of inventory of non-expendable property, including items transferred from NSP to IPAC.

Implementation Issues

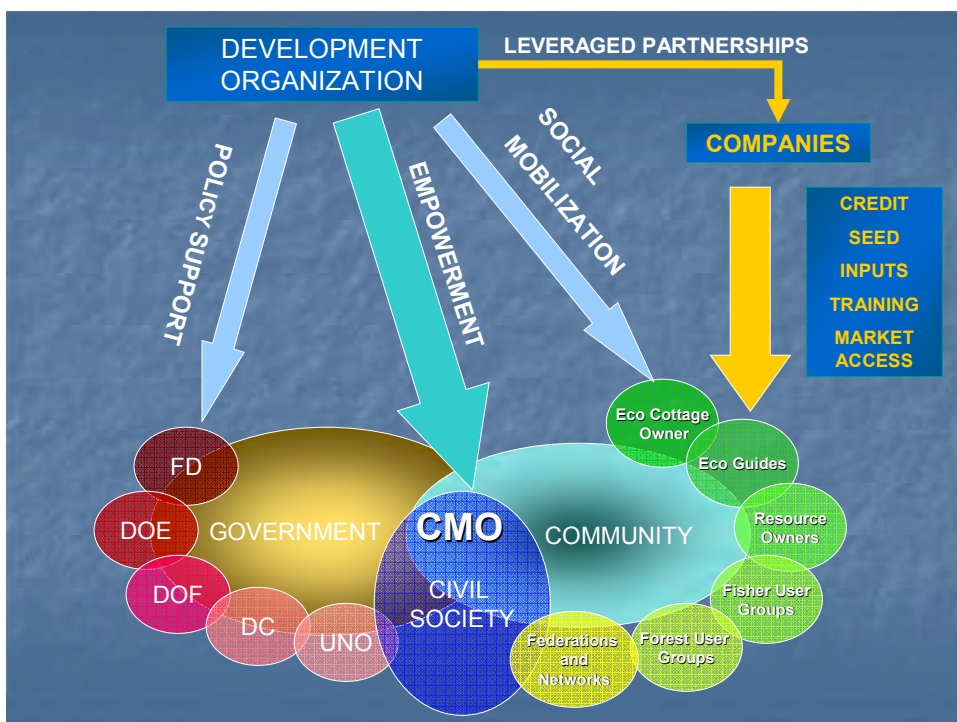
Over the past quarter, in association with field visits and consultative meetings organized by the IPAC team, it was apparent that local stakeholders were anxious for IPAC to have a more direct and immediate impact on increasing incomes and generating of tangible economic benefits. CPG requested payments from the project, CMC requested grants to implement Annual Development Plans, and field staff wanted the project to mobilize significant funding for both landscape development grants and AIG support. In addition, UFC and RMO established with the support of MACH requested additional financial support or an increased share of revenue from the endowment funds set up by USAID and GoB under MACH.

As the IPAC team extends support from the 3 MACH pilot wetland sites and 5 Nishorgo forest protected areas, to 25 sites in 5 Clusters, it is clear that IPAC project funding and RPA local currency funds earmarked for IPAC are not sufficient to address these needs in through project driven and funded assistance. Furthermore, fundamental needs and issues remain to be addressed in the areas of social mobilization and empowerment of co-management organizations (CMO), improved governance, and expanded support for sustainable livelihoods. The co-management process cannot be limited to project support for the development of PA-based conservation enterprises which benefit a few hundreds of people; a broader and more comprehensive strategy is needed to support more sustainable resource use and increased economic benefits for the tens of thousands of people living in the PA landscape and directly or indirectly dependent of the natural resources of the PA and adjacent buffer zones.

Accordingly, a fundamental shift is required in the approach to enterprise development and income generation, moving from the traditional NGO / project driven assistance for AIG support, to a more sustainable and leveraged approach that engages private sector investment and companies with a stake in value chain strengthening and expanded market access. The IPAC is being re-structured to provide the technical support required in key areas to enable this shift in approach, and to follow through with the refinement of the pilot approaches and existing models for wetland and forest PA co-management.



The IPAC team is also facilitating a shift in support to co-management organizations, to increase the emphasis on facilitation of collaboration between government technical agencies and community based organizations, so as to avoid a perception that “co-management” is a transfer of responsibility from government to communities – and to underscore that it is in fact a process of enabling, and empowering collaboration between government and communities, with a sharing of rights and authorities and benefits as well as responsibilities. To be successful, this process needs to be based on sound social mobilization strategies and leveraged partnerships with the private sector to address livelihood needs and to provide for increased and sustainable income generation opportunities.



Implementation Priorities for Next Quarter

During the quarterly review session organized Sept 2-3, 2009 in Dhaka, the following priorities were presented and discussed with partners, field staff and GoB focal points.

Communications

- Accelerate production / distribution of communication material
- Newsletter, brochure, poster
- Finalize key messages and target audiences
- Print good practice guides and follow up on extension support
- Reprint for old sites / prepare Nishorgo guides for new sites
- Organize support for outreach, theatre
- Talk shows, policy roundtables
- Adopt name, logo, slogan for national program
- Site level launches
- Organize networking and constituency building activities
- Upgrade website – facilitate info sharing

IPAC Strategy and Policy

- Policy Advocacy Group
 - Protected Area rules, guidelines approved
 - Wildlife Act revisions approved
 - Guidance on briefings to senior GoB officials
 - Promote CSR grants and PPP in support of IPAC implementation
 - Follow through on capacity building strategy
- Follow up on Sundarbans and Lawachara Consultative Meetings
- Carbon forestry – carbon financing facility
- Wetlands leasing
- Policy support for Teknaf Ecotourism Strategy
- Gender assessment and strategy for IPAC

Capacity Building and Training

- Organize ecoguide training with experienced guides / tour operators
- Organize VC/AIG training with private sector partners
- Support applied research case study field work

- Prepare carbon forestry project preparation training
- Prepare Tool Kit for implementing PA Co-Management
- Prepare IPAC training plan, to respond to Site level needs and to implement Capacity Building strategy
- More exchange visits for GoB officials and field staff
- Support networking
- Organize training of trainers sessions to develop Local Support Group
- Organize next session of Conservation Biology Certificate Course

Site Level Implementation

- Revamp CPG and CMC in old sites; continue mobilization and facilitate the formation of CMOs in new sites
- Mobilize CMOs to address the brick field issue at Teknaf and Chunati
- Mobilize RMOs to address the issue of water pollution at Kaliakoir area
- Reinforce PA co-management in support of ecotourism
- Entry fee collection and utilization
- Facilitates and support for visitor management
- Implement dormitory management guidelines
- Strengthen targeted Value Chains
- Organize analysis of proven AIG
- Review and finalize Cluster plans for VC strengthening
- Expand training and support for AIG
- Accelerate / expand for ICS, in partnership with GTZ, Scouts, following initial discussions held with GTZ and commitment of support from Bangladesh Scouts
- Complete funding and ground-breaking for Lawachara CONIC
- Renewed support for Sundarbans Conservation
 - Infrastructure engineering assessment and designs
 - Strategic Management Plan
 - Sundarbans Fisheries / Economics studies
- Explore opportunities for improved management of fisheries in Kaptai Lake
- Follow up with land use analysis and mapping for Bhawal National Park

Performance Monitoring

- Harmonize and coordinate MPPR and PMAR monthly reporting

- Assign primary responsibility for verifying data and managing achievement for each PMP indicator
- Prepare and circulate tables illustrating trends in PMP achievements
- Ensure monthly reporting on PMP sub-indicators and organize monthly briefings with senior staff / site coordinators
- Prepare / update Fact Sheets for all Sites; complete scoring and SOPA report
- Organize databases for PCR reporting
- Approve and organize baseline data collection and monitoring for fish production

Project Management

- Complete transition from RDRS to new partner
- Approve contract mod and hire additional staff for re-structured team
 - COP: Policy, Communications, Cap Bldg, PMAR
 - DCOP: Regional Dir, Governance, Enterprise
- Reinforce planning for site level implementation and capacity building / training
- Support approvals of DPP
- Leverage more partnerships and synergies, including collaboration with the private sector and PPP opportunities; the World Bank Fisheries and Livestock Project team, final design of GTZ/Chunoti project, implementation of SDC/IUCN and GEF/CWBMP projects in wetlands, and UNDP/CHTDF, along with related USAID funded field projects

Annex 1 - Activity Calendar

Jun 1	DFO Meeting -Central Cluster - CMC and PRA consultations
Jun 2	Inception workshop- Central Cluster, Modhupur
Jun 4	Meeting with Joint Secretary, MOEF
Jun 5	World Environment Day
Jun 6	1-day orientation Entry Fee Training - Dhaka/Central Cluster- FD
Jun 6	Visit by Phillip DeCosse, Sr. Program Manager, IRG/Washington
Jun 7	Follow up training for field staff on legal framework (BELA)
Jun 8	Communication team meeting /all COG Facilitators
Jun 9	IPAC Annual Program review
Jun 9	Meeting with RDRS and Philip DeCosse
Jun 10	IPAC Annual Working Planning Session
Jun 10	Meeting with Secretary, MOEF, and Dr. Niaz on Social Forestry Rules
Jun 10	Book Launch with Sirajul Hossain & Philip DeCosse: Images from the Wild
Jun 11	Applied Research/EWC Pre proposal writing seminar at IPAC
Jun 11	Meeting for Logo & Work plan with GOB
Jun 11	RIMS GPS training - Central Cluster
Jun 12-15	BELA needs Assessment on Laws and policies -Chittagong & Cox's Bazar
Jun 12-15	Field visit and Wetland & Forest Co-management lessons learned seminar at Sreemongol
Jun 14	GPS & Its Use in Forestry Practices-Rajshahi
Jun 15	Closing Date - Comments from FD DFOs on GO-CMC
Jun 16	COP departs on annual leave to USA
Jun 17	Forest Dept. HQ and Central Cluster Entry Fee training
Jun 18	Research Workshop
Jun 18	Meeting with Anne Williams, Director, EGFE/USAID
Jun 21	GPS & Its Use in Forestry Practices –Rangamati
Jun 21-22	NE - Entry Fees; Visitor Management & Student Dormitory Management Training-Sreemongol
Jun 23	Sylhet cluster CMC and PRA consultations
Jun 25	Deadline for receipt -WFC/EWC grants pre-proposals
Jun 26-Jul 6	Visit by USFS/Carbon Team
Jun 27	Meeting for Co-mgmt process at Motel Shaibal-Cox's Bazar
Jun 27	CHT Cluster - CMC and PRA consultations

Jun 27-28	SE-Entry Fees; Visitor Management & Student Dormitory Management Training-Cox's Bazar
Jun 29	DPP Meeting-MOEF
Jun 29	Meeting on Research Fellows Selection Committee-FD
Jun 29	SE Cluster - CMC & PRA Consultations
Jul 2	Site Facilitators' workshop
Jul 2	US Forest Service team arrives
Jul 6	Opening of 6-Week Certificate course on Applied Conserv. Biology & co-mgmt organized by IUB/JU
Jul 9	Technical Coordination Meeting for Dhaka Staff
Jul 14	Half day long meeting on ADP-2009-2010-Cox's Bazar for TGR&CWS
Jul 14	Meeting on PRA/RRA findings with FD officials & Site Coordinators
Jul 15	Entry fee meeting -One day training for CMC Members-TGR&CWS at Cox's Bazar
July 15	COP returns from annual leave
Jul 18	Visit by Jeff Fox, EWC, for support to research methods workshop
Jul 20	Meeting on ADP-Sreemongol
Jul 21	Meeting with Secretary, MOEF-Social Forestry Rules-2004 -Amendment
Jul 26	Meeting with Chunoti Evaluation Mission/GTZ/Dr. Azhar at IPAC Office
Jul 26	Meeting with CCF and Chunoti Evaluation Mission/GTZ at CCF's Office, FD
Jul 26-30	EWC- Applied Research Methodology Workshop
Jul27	Meeting with consultants on Social Forestry Rules revisions, MOEF
Jul 27	Briefing to CF/Khulna on results of IPAC assisted Site Assessments / PRAs
Jul 28	Forum in Khulna with NGOs re IPAC Activities
Jul 30	Meeting with Site Coordinators
Jul 30	Finalization of Applied Research Grant Proposals
Aug 1-7	Visit by Asif Shaikh-President/IRG
Aug 3	Asif Shaikh-visit to IRG/IPAC office and to IRG/ICEA office; discussions with project teams
Aug 4-5	Visit by VIPs at Lawachara National Park for Consultative Meeting, Opening of Student dormitory, Ground breaking of CONIC at Sreemongol
Aug 5	Asif-follow up meetings – USAID, others
Aug 10-22	Visit by David Joslyn, Performance assessment specialist, from IRG/Washington
Aug 10	IPAC Team meeting with David Joslyn
Aug 10	Meetings with Oasis, AFE, bamboo buyers
Aug 10	GTZ-MOU Signing for collaboration on CWS Reforestation
Aug 12	Visit to Modhupur; UP information sharing meeting

- Aug 13-16 Visit to Chittagong-SE Cluster by COP & Joslyn
- Aug 15 Research Grants Award
- Aug 17 Training on Bamboo by OASIS/AFE
- Aug 17 IPAC presentations to IUB/JU course, FTA, Savar
- Aug 18 Closing of IUB 6-week Applied Conserv. Biology & Co-management Training, FTA, Savar
- Aug 23 CMC Formation at Kaptai/CHT
- Aug 24 Consultations and coordination with DoE/CWBMP
- Aug 26 CMC meeting at LNP; consultations with IUCN
- Aug 27 Brainstorming with Prof. Zahurul Karim
- Aug 30 IPAC Team meeting
- Aug 31 Meeting at Modhupur with community groups and FD

Annex 2 – IPAC Reports and Deliverables

Additional reports and deliverables prepared during the past quarter included:

Capacity Building for Promoting and Implementing Co-Management of Protected Areas in Bangladesh (final report)

Report On Value Chain Program Design and Enterprise Development Training (final report)

Teknaf Peninsula Community-Based Ecotourism Strategy-Megan Eplerwood (final report)

Trip Report – A Brief Report on West Bengal, India (final report)

Strengths, Weaknesses, Opportunities & Threats (SWOT) of Tourism in the Sundarbans Reserve Forest, Bangladesh (final report)

Communication Training for Stakeholder (final report)

IPAC Communication Strategy of IPAC Project

Activity Completion Report on IPAC Support to National Fish Week 2009, in coordination with UFO, Central Cluster

Inception Workshop Sundarban Cluster-Sundarban (final report)

IPAC Inception Workshop Central Cluster, Modhupur

Lessons Learned Workshop on June 13-14, 2009 at Sreemongol (final report)

Orientation Workshop on Forest, Environment and Fisheries Law and Policies, June 7, 2009 (final report)

Initial Assessment Report On Bamboo in Geographic Areas Where There Is Commercial Potential In The Bamboo Value Chain In Sylhet Cluster (Lawachara & Satchari), South-Eastern Cluster (Chunati Wildlife Sanctuary), Central Cluster (Pirgacha)

Value Chain Assessment reports prepared by Cluster Enterprise Support Facilitators:

Woven indigenous cloth at Kaptai, CHT Cluster

Eco-tourism value chain program design, Central Cluster

Bamboo made products (Kharung) at Medhakachapia National Park, SE Cluster

Nursery Management at Lawachara National Park, Sylhet Cluster

Fisheries Value Chain (pond fish culture) at Sarankhola Site, Sundarbans Cluster

Site-Level Field Appraisal for Protected Area Co-Management: **Modhupur** National Park

Site-Level Field Appraisal for Protected Area Co-Management: **Bhawal** National Park

Site-Level Field Appraisal for Protected Area Co-Management: **Kangsho-Malijhee**

Site-Level Field Appraisal for Protected Area Co-Management: **Turag-Bangshi**

Site-Level Field Appraisal for Protected Area Co-Management: **Lawachara** National Park

Site-Level Field Appraisal for Protected Area Co-Management: **Rema-Kalenga** Wildlife Sanctuary

Site-Level Field Appraisal for Protected Area Co-Management: **Satchari** National Park

Site-Level Field Appraisal for Protected Area Co-Management: **Khadimnagar** National Park

Site-Level Field Appraisal for Protected Area Co-Management: **Hail Haor**

Site-Level Field Appraisal for Protected Area Co-Management: **Hakaluki Haor**

Site-Level Field Appraisal for Protected Area Co-Management: **Tanguar Haor**

Site-Level Field Appraisal for Protected Area Co-Management: **Chunati** Wildlife Sanctuary

Site-Level Field Appraisal for Protected Area Co-Management: **Teknaf** Game Reserve

Site-Level Field Appraisal for Protected Area Co-Management: **Himchari** National Park

Site-Level Field Appraisal for Protected Area Co-Management: **Medhakachapia** National Park

Site-Level Field Appraisal for Protected Area Co-Management: **Fasiakhali** Wildlife Sanctuary

Site-Level Field Appraisal for Protected Area Co-Management: **Inani** National Park

Participatory Rural Appraisal of **Sundarban (East)** Wildlife Sanctuary

Participatory Rural Appraisal of **Sundarban (Munshigonj)** Wildlife Sanctuary

Site-Level Field Appraisal for Protected Area Co-Management: **Kaptai** National Park

Site-Level Field Appraisal for Protected Area Co-Management: **Pablakhali** National Park

Annex 3 – Performance targets and achievements

Table 1- Common Indicators of the U.S. Foreign Assistance Framework for IPAC

Indicators	Baseline NSP+MACH	Cumulative Target up to 2009-2010	Achieved 1 st year	Achieved 2 nd year Q-1	Notes
1: Number of hectares under improved natural resource management as a result of USG assistance.	134,268 ha	105,725 ha	10,524 ha	29559.97 ha	No new PA or wetland site brought under improved management in 1 st Quarter.
2: Number of hectares in areas of biological significance under improved management as a result of USG assistance.	46,111 ha.	40,000 ha	3500 ha	(a) 18,000 ha (b) 10,000 ha (c) 1,168 ha	Continuation of improved management in wetland sites: Fish Act enforcement at Hakaluki Haor (18000 ha) during Fish Week '09 observance; (10,000 ha) Fish Act enforcement at Tanguar Haor during Fish Week '09 observance; release of fingerlings in these and other wetland sites; 1,168.56ha-Resource Management Plan(RMP)s developed by the RMOs at Hail Haor & submitted to Upazila for endowment fund and implementation began.
3: Number of hectares of natural resources showing improved biophysical conditions as a result of USG assistance.	32,743 ha	25,000	80 ha	213.97 ha +0.4 ha	213.97 ha (20 ha buffer plantation at SNP, 30 ha at LNP; 93.97 ha at Chunati; 70 ha at TGR under GoB part of NSP project.) 1000 seedlings (equal to 0.4 ha) have been planted in different places (schools, local GOB Offices) or distributed to individuals, school children.
4: Number of hectares in areas of biological significance showing improved biophysical conditions as a result of USG assistance.	2673 ha	20,000	25 ha	178 ha 9000 nos fingerlings	128 ha enrichment, 20 ha coppice plantation at RKWS; 20 ha coppice at CWS; 10 ha enrichment at TGR. Plantation raised NSP project. Fingerlings restocked in beels in

Indicators	Baseline NSP+MACH	Cumulative Target up to 2009-2010	Achieved 1 st year	Achieved 2 nd year Q- 1	Notes
					Moulvibazaar, Sherpur and kaliakoir during fish week. Improved biophysical conditions are yet to manifest. Will be registered through fish catch monitoring starting from next quarter.
5: Number of policies, laws, agreements or regulations promoting sustainable natural resource management and conservation that are implemented as a result of USG assistance.	2	5	2	1	1 Official order (<i>Paripatra</i>) issued by MOFL for allowing the Upazila Fisheries Conservation & Development Committee to operate endowment fund for MACH sites. UFC function interrupted by formation of Upazila Fisheries Conservation and Development Committee (UFDCDC). As UFDCDC could not maintain or continue works of RMO and FRUGs under MACH sites, hence to overcome the problem, 5 Sub Committees (Moulvibazaar Sadar, Srimongol, Sherpur, Jhinaigati and Kaliakoir) have been formed under UFDCDC that will act as UFC under MACH intervened sites.
6 Number of people with increased economic benefits derived from sustainable natural resource management and conservation as a result of USG assistance.	137,830	150,000	14,308	286 (51 hh)	See indicator 14. excludes members in a group like RMO, or CMC. Income is yet to derive from training given and credit provided. This will be duly surveyed by next quarter.
7: Number of people receiving USG supported training in natural resources management and/or biodiversity conservation.	32, 203	10,000	228 (Male 160 + Female 68)	747	AIG training (home gardening), Bamboo clump mgt, bamboo product development, GPS training, credit mgt, and workshops.
8: Number of people with increased adaptive capacity to cope with impacts of climate variability and change as a result of USG assistance.	137,830	75,000	information 450	(a) information - 3012 (b) Adaptation training - 72 (c) Technolog y Demonstra	(a) People is informed on Climate change, its impacts and variability during various meetings, gatherings, orientation sessions, knowledge sharing programs. (b) 72 people trained in

Indicators	Baseline NSP+MACH	Cumulative Target up to 2009-2010	Achieved 1 st year	Achieved 2 nd year Q- 1	Notes
				tion at – 5 agricultural farms with an area of 5.26 ha	adaptation techniques and disaster management at Hail Haor, organized by MACH ISM followup program. (c) 5 demonstration plots on adaptation technique established at Hail Haor.
9: Quantity of greenhouse gas emissions, measured in million metric tons Carbon, reduced or sequestered as a result of USG assistance (million metric Ton C).	TBD	5.57			Field work to start on coming winter period.
10. Number of people in target areas with access to improved drinking water supply as a result of USG assistance	0	10,000		870	145 households (870 beneficiaries) benefited through renovation and maintenances of 26 tube well at Hail Haor site.
11. Number of people receiving USG supported training in environmental law, enforcement, public participation, and cleaner production policies, strategies, skills, and techniques	0	300		143 (133+10)	Orientation Training on GoB policy on Entry Fee collection and 50% sharing; Management of visitors, revenue collection and budgeting process; Workshop on Forest Act and Social Forestry Law; and applied conservation biology course. Male 133.
12. Number of people receiving USG supported training in global climate change including framework convention on climate change, greenhouse gas inventories, mitigation, and adaptation analysis	0	25			Curricula preparation on going.

Table 2 - Custom Indicators for IPAC

Indicators	Baseline	Cumulative Target up to 2009-2010	Achieved 1 st year	Achieved 2 nd year Q-1	Notes
13: Number of individuals benefiting from use of improved stove and bio-gas plants.	25,166	19,600	2800	6	1 hh (6 beneficiaries) in at LNP installed improved stove. Rainy season is not preferred for installation of improved stoves.
14: Market and non-market revenue generated from AIG, ecotourism and other economic activities in targeted sites	\$0	\$800,000	USD 156,933 (BDT 10,925,280)	USD 10766.77941 (BDT 732,141)	SNP: Tk. 1,200/day from Eco-tourist shop (1 shop), Tk. 150/day from Eco-rickshaw (7 rickshaw); Tk. 1,700/3 months from Information center; Tk. 1,05,000/3 months from tree nursery (7 tree nursery); RKWS: Tk. 21,000/3 months from Tourist shop (1 shop), Tk. 2,761/3 months from Information center; LNP: Tk. 3,500/month of Eco-guides (7 guide), Tk. 15,000/month from Eco-cottage (1 cottage); Tk. 2,500/3 months by Triprapara weaving group, Tk. 3,000 from a pig sale by a member of Triprapara weaving group; Hail Haor: Tk. 12,000 from entry fee of observation tower, Tk. 1,570 from CD & booklet sale; Tk. 1,210 from boat fare at Bakkia beel; from June to August. does not include income of FRUG OF Hail Haor. Tk. 25,000-Dulubari NISHORGO club (5 members) of LNP, Tk. 3,000-1 member of Dulubari FUG of LNP; Tk. 13,000-Dulubari Kishori Club of LNP (6); Tk. 17,000-Monipuri cultural group of LNP (8); Tk. 400-Improved oven making charge earned by one member at LNP; 8 members of tiprapara cultural group earned – 13,000/-;
15: Increase in density of indicator bird species in wetland and forested landscape	TBD	TBD			field work on going.
16: Amount of leveraged financing for conservation	\$0	\$8,600,000	\$ 12,727,362.14	(a) USD 173,472.21 (b) 8.2 million	LNP 19,07,000 Tk, for FUG members from RDRS, BRAC, Ansar-VDP. for Hail Haor 98,89,110 Tk from Caritas, ASHA, PASHABID, BRAC, BRDB among RUG Members (From June to August).

					(b) GTZ financed Chunati project.
17: Number of individuals that are aware of a national Protected Areas network.	20,000	500,000	16,722	28,952	through every awareness program, day observation, on training program, inception workshop, consultative meetings, orientation programs etc.
18: Improved capacity of Forest Department, DOE& DOF to support integrated conservation and development programs.	0	0	Law enforcement -1; Policy – 1	Alternative income – 1; Management support - 1 Policy level support – 1; Law enforcement – 5; Capacity building - 1	measures institutional support provided by FD, DOE and DOF in favor of co-management and conservation issues: (1) Kaptai Upzila Chairman provided 300 VGF cards to Kaptai Lake fishers who during closed season enter into National Park for resource extraction and fish illegally for living; (2) DOF officials providing necessary support for co-mgt in 1 beel named Aura-Baura in sherpur sadar to through IPAC where RMO did not formed under MACH. (3) 1 Official order (<i>Paripatra</i>) issued by MOFL for allowing the Upazila Fisheries Conservation & Development Committee to operate endowment fund for MACH sites. (4) (a) DC-Moulvibazar took initiative for awareness raising at LNP for protection, (b) FD-RKWS took initiative for recovery and raid for illicit feeling by RAB, Police & BDR; (c) Ansar-VDP's DD took initiative for patrolling once in a month at Hail Haor & LNP; (d) UNO & SUFO took initiative for mobile court three times at Srimongol, Moulvibazar, Sherpur and Kaliakoira area; (5) UFO organized 3 trainings on Fish act, Fish culture and Sanctuary management at Jhinaigati upazila (KM Site).
19: Number of communities with co-management agreements.	Forest – 8 wetland -16	TBD		VCF – 150 People's Forum – 3 Co-mgt Council – 2 Co-mgt Commit. – 2	for 7 forest Protected Areas; Kaptai NP – 2 Councils & Committee; Medhakassapia NP, Khadimnagar NP and Kaptai NP.
20: Number of training curriculums developed and trained	0	4	1	2	(1) Training module on Adaptation to Climate change and Disaster Management. Developed by MACH ISM follow up program and implemented on Hail Haor RMO members. (2) Applied

modules designed and taught					conservation biology course
21: Number of recorded visitors to targeted PAs.	55,428	50,000	70,000	7748	
22. Number of GOB protected area management units with improved capacity for co- management	5	9	15		