

# Clearance Certification

## Project Document or Project/Budget/AWP/Revision



**SHORT TITLE :** Integrating Community-based Adaptation into Afforestation and Reforestation Programmes in Bangladesh

**PROJECT NUMBER:** Award ID 00075892 Project ID: 00087558

### (I) SUBMITTING PROGRAMME MANAGER :

I have checked, and hereby certify, the following:

1. Reasons and justification for this revision are clearly indicated on the cover page.
2. All relevant parties are in agreement with the revision:
  - as is indicated in the justification, or
  - as per signature(s) obtained on the cover page, or
  - as per written agreement as has been referenced in relevant signature block.
3. An analysis of the budget increase/decrease (in case more than \$10,000) has been made and is attached.
4. The cover page and budget are according to standard format.

Arif Mohammad Faisal

Signature: 

Date: 11/2/2020

### (II) CLUSTER HEAD :

I have reviewed and hereby recommend approval of this budget revision

Md. Khurshid Alam

Signature: 

Date: 11/2/2020

### ~~BUSINESS DEVELOPMENT AND PARTNERSHIP CLUSTER~~

### (III) RESULT AND RESOURCE MANAGEMENT CLUSTER (RRMC)

| Clearance from Desk Officer:   | Clearance from Asst Country Director   |
|--|--|
| <input checked="" type="checkbox"/> I have verified the attached submission and confirm that this budget/revision is in accordance with existing rules.<br><input type="checkbox"/> Justification for return | Recommendation for approval  |
| Signature:  Date: <u>11/02/2020</u>   | Signature:  Date: <u>11.02.2020</u> |

  
Recommended/Approved by DRR

  
Approved by Resident Representative

**Note:** Please return approved version of the Project/Revision Document to RRMC who retains original and forwards copy to Programme Manager concerned for his/her file and submission to national and, if applicable, UN agencies.

BOARD OF SUPERVISORS AND PARTNERSHIP

11.05.2020

11.05.2020

UNDP Bangladesh  
**2020 Annual Work Plan (AWP) Review Checklist**

| <b>Award ID: 00075892 Project ID: 00087558 Title: Afforestation and Reforestation programmes in Bangladesh</b> |   |   |            |           |            |
|--|---|---|------------|-----------|------------|
| <b>Format and General Issues:</b>  |   |   | <b>Yes</b> | <b>No</b> | <b>N/A</b> |
| 1  | Submitted AWP is prepared in Standard Prescribed Format including AWP cover page  | ✓ |            |           |            |
| 2  | Atlas codes correctly mentioned (Award ID, Project ID, and Project title, Donor, Account, Fund etc.)  | ✓ |            |           |            |
| 3  | AWP Planning meeting conducted  | ✓ |            |           |            |
| 4  | Minutes of the Appraisal/Review meeting attached  | ✓ |            |           |            |
| 5  | Annual/Mid year Review Meeting conducted  |   | ✓          |           |            |
| 6  | Annual HR, Procurement and Communications plans are prepared and attached with AWP  | ✓ |            |           |            |
| 7  | Resources are available to support the AWP  | ✓ |            |           |            |
| 8  | AWP is approved by the Implementing Partner, if applicable  | ✓ |            |           |            |
| 9  | AWP is endorsed/agreed by the Project Board/Steering Committee, if applicable   | ✓ |            |           |            |
| 10   | Signature of the Project Manager/NPD available in the AWP   | ✓ |            |           |            |
| <b>Results Related Issues:</b>   |   |   | <b>Yes</b> | <b>No</b> | <b>N/A</b> |
| 1  | The AWP reflects overall priorities of the year   | ✓ |            |           |            |
| 2  | The activities are clearly defined (indicate what exactly will be done, to the point with expected timelines by quarter)  | ✓ |            |           |            |
| 3  | The activity lines spell out the geographic location wise intervention  | ✓ |            |           |            |
| 4  | Possible areas of collaboration with other projects have been considered in project activities  |   | ✓          |           |            |
| 5  | Outputs and activities are aligned to the UNDAF, CPD and project document (The listed activity/s can be directly attributed to the achievement of the expected country programme outputs) | ✓ |            |           |            |
| 6  | The activity/s implemented with CSOs, academic institutions, other quasi-Governmental institutions, and other UN agencies as implementing partners are reflected in the work plans        | ✓ |            |           |            |
| 7  | A one page summary of intended/achievable results is attached   | ✓ |            |           |            |
| 8  | The Outcome / Intermediate Outcomes and Outputs are correctly entered as per the language in the Results Framework  | ✓ |            |           |            |
| 9  | M&E plan attached and adequately budgeted in the AWP  | ✓ |            |           |            |
| 10   | Field monitoring plan attached (for field-based project only)   | ✓ |            |           |            |
| 11   | Risk Log, Issue Log, monitoring Log updated in ATLAS and attached with AWP  |   | ✓          |           |            |
| 12   | Gender Marker is attributed in ATLAS  | ✓ |            |           |            |
| 13   | Lessons learned have been incorporated in the AWP, as per the last APR minutes  | ✓ |            |           |            |
| 14   | Baseline, Target and Deliverables for 2020 are aligned to the Results Framework   | ✓ |            |           |            |
| 15   | Baseline data for each indicator have been collected  |   |            |           |            |
| 16   | Annual target for each indicator has been set   | ✓ |            |           |            |
| 17   | 3 to 5 annual key results have been identified and attached   | ✓ |            |           |            |
| 18   | The Targets and baselines are gender-disaggregated where a population group is being measured   | ✓ |            |           |            |
| 19   | Articulation of results of the AWP has followed the SMART and RBM guidelines  | ✓ |            |           |            |
| 20   | Assumptions and risks specific to each output and outcome is contextualised and clearly spelt out   | ✓ |            |           |            |
| 21   | Knowledge Management has been planned and budgeted  |   |            |           |            |
| 22   | Generation and use of evidence - from monitoring, research and/or evaluation - has been considered  | ✓ |            |           |            |
| 23   | The Budget comply with the spirit of Results Based Budgeting (RBB)  | ✓ |            |           |            |
| <b>Resources Related Issues:</b>   |   |   | <b>Yes</b> | <b>No</b> | <b>N/A</b> |
| 1  | Total proposed budget for the AWP does not exceed approved total project budget   | ✓ |            |           |            |
| 2  | The AWP budget is within the scope of the funds availability/commitment (available Cash + Commitment)   | ✓ |            |           |            |
| 4  | Appropriate provisions are available according to the AWP Commissioning memo (Common cost, GMS, DPC, Communication, M&E etc.)   | ✓ |            |           |            |
| 5  | Updated list of Equipment assets with the project/Programme showing UNDP assets   | ✓ |            |           |            |
| 6  | The summary page reflects the resources   | ✓ |            |           |            |



Remarks/Comments (including justification for returning to Programme cluster):

Submitted by the Project:



  
Arif M. Faisal  
Programme Specialist  
(Environment Sustainability & Energy,  
UNDP, Bangladesh

Date: 03/02/2020

Cleared by Programme Cluster:

  
Md. Khurshid Alam  
Joint Resident Representative  
UNDP Bangladesh  
04/2/20

Cleared by Partnerships Cluster:



Date:

  
Date: 02/20

Signed by DRR/RR:

  
20/2/20

Date:

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# United Nations Development Programme



Empowered lives  
Resilient nations

## Budget Version-"J"

|   |   |
|---|---|
| UNDAF Outcome(s)/Indicator(s): <i>(Link to UNDAF outcome., If no UNDAF, leave blank)</i>            | <i>Outcome 5.1: By 2019, Populations vulnerable to climate change and natural disaster have become more resilient to adapt with the risk.</i>                 |
| Expected Outcome(s) /Indicator (s): <i>(CPAP outcomes linked to the MYFF goal and service line)</i> | <i>Outcome 5.2: By 2019, vulnerable populations benefit from natural resource management and environmental governance and low emission green development.</i> |
| Expected Output(s)/Annual Targets: <i>CPAP outputs linked to the above PAP outcome)</i>             | UNDP Strategic Plan Environment and Sustainable Development and Promote Climate Change Adaptation.  |
| Implementing partner:   | Ministry of Environment & Forests   |
| Responsible parties:  | Bangladesh Forest Department  |

### Brief Description

Coastal greenbelts have long been seen as an important strategy for reducing the vulnerability of coastal populations to climate-related hazards in Bangladesh and the country has over five decades experience of coastal afforestation and reforestation. Over 140,000 ha of mangroves have been planted along the coast since the 1960s. However, the success of afforestation and reforestation efforts has been highly variable due to a range of institutional, technical and socio-economic factors that have affected their long-term sustainability. A number of barriers currently prevent the realisation of the full adaptive potential of coastal greenbelts, including an underlying incentive structure that drives people to exploit and degrade coastal forests rather than preserve them. LDCF support will be used to help the Government of Bangladesh overcome these barriers through a suite of complementary measures to achieve the project's objective of reducing the vulnerability of communities to the adverse impacts of climate change in the coastal zone through participative design, community-based management and diversification of afforestation and reforestation programmes. The project has been designed to complement a major new programme on coastal afforestation and reforestation funded by the Bangladesh Climate Change Resilience Fund (BCCRF).

Project Component 1 addresses existing barriers relating to lack of livelihood diversification and lack of coastal forest diversification, both of which adversely impact coastal forest sustainability. Thus Component 1 seeks to reduce the vulnerability of local communities in new afforestation and reforestation sites through livelihood diversification more effective greenbelts, by a) linking livelihood diversification interventions to improved coastal forest stewardship and b) diversifying coastal plantations to increase their ecological and social sustainability by, respectively becoming more heterogenous and dense and by increasing the range of tangible benefits the forests can provide. Component 2 seeks to strengthen community engagement and ownership of forestry-based adaptation and climate risk reduction programmes by developing and demonstrating effective co-management and benefit-sharing for coastal greenbelt plantations. Finally, while mangrove greenbelts are a vitally important adaptation measure for coastal areas, there will always remain a need for complementary measures to further protect human lives and livelihoods assets in the face of extreme climate events. In recognition of this, the third Project Component focuses on protecting communal livelihood assets in afforestation and reforestation sites from extreme climate events through effective early warning and preparedness planning. Altogether, over 60,000 vulnerable people will benefit from a range of LDCF-supported interventions. Capacity development of local communities and key government actors is central to the project approach and will enhance the long-term sustainability of project impacts. Furthermore, the project will leverage strategic partnerships with the BCCRF project, USAID's Climate Resilient Ecosystems and Livelihoods project (CREL) and the GoB's Comprehensive Disaster Management Programme, also supported by UNDP, to promote scale up and replication of successful strategies.

### Justification for Budget/Revision:

To reflect revised AWP 2019, Version-B, internal adjustment of NIM & DCOS / Available Fund for 2020

Programme Period: 2016-2020  
 Project Title: Integrating Community-based Adaptation into Afforestation and Reforestation Programmes in Bangladesh  
 Award ID: 00075892  
 Project ID: 00087588  
 Project Start date: May 2016  
 Project End date: 30 June 2020  
 Management Arrangement: NIM Implementation  
 PAC Meeting Date: 25 August 2013  
 PRODOC Approved: 27 May 2015

### Summary of UNDP and Cost-Sharing inputs (as per attached budget) US \$

|                          | Previous Code "I" | Revised "J"      | Increase/ (Decrease) |
|--------------------------|-------------------|------------------|----------------------|
| <b>UNDP</b>              |                   |                  |                      |
| • TRAC – 1,2             | -                 | -                | -                    |
| • GEF                    | 5,650,000         | 5,650,000        | -                    |
| • Co-Financing           | -                 | -                | -                    |
| <b>Cost Sharing</b>      |                   |                  |                      |
| • Government             |                   |                  |                      |
| • Financial Institutions |                   |                  |                      |
| • Other                  |                   |                  |                      |
| <b>Total</b>             | <b>5,650,000</b>  | <b>5,650,000</b> | <b>-</b>             |

Agreed by NPD/MoEFCC/FD

**Mahmud Hassan**  
 National Project Director  
 ICBA-AR Project &  
 Additional Secretary (MOEFCC)

Date 23.11.2020

Approved by (UNDP)

\_\_\_\_\_

Date \_\_\_\_\_

| Annual Work Plan (AWP) for 2020, Version-A, dated 22 January 2020   |  |           |    |    |    |           |                |             |                    |              |  |
|---|--|-----------|----|----|----|-----------|----------------|-------------|--------------------|--------------|--|
|   |  |           |    |    |    |           |                |             |                    |              |  |
| <b>Atlas Award ID: 00075892</b><br><b>Atlas Project ID: 00087558</b><br><b>Project/Programme Title:</b>   |  |           |    |    |    |           |                |             |                    |              |  |
| <b>Integrating Community-based Adaptation into Afforestation and Reforestation Programmes in Bangladesh</b><br>(UNDAF Outcome-2) Enhance effective management of the natural and man-made environment focusing on improved sustainability and increased resilience of vulnerable individuals and groups.<br>(SP Outcome 1) Growth and development are inclusive and sustainable, incorporating productive capacities that create employment and livelihoods for the poor and excluded<br>(CPD Outcome 3) Enhance effective management of the natural and man-made environment focusing on improved sustainability and increased resilience of vulnerable individuals and groups.<br>(Output 3.1) Government institutions have improved capacities, and institutional and legal frameworks to respond to and ensure resilient recovery from earthquakes, weather extremes, and environmental emergencies |  |           |    |    |    |           |                |             |                    |              |  |
| EXPECTED OUTPUTS  | PLANNED ACTIVITIES   | Timeframe |    |    |    | Fund Code | Planned Budget |             |                    |              |  |
|   |  | Q1        | Q2 | Q3 | Q4 |           | Donor          | Budget Code | Budget Description | Amount (USD) |  |
| <b>Components or major interim Results of the project ; To be shown as Activities in Atlas</b><br><br><b>Atlas Activity # 1: Vulnerability of communities in new afforestation and reforestation sites reduced through diversified livelihood options and more effective greenbelts</b><br><br>Indicators: No. of targeted households that have adopted resilient livelihoods under existing and projected climate change<br><br>Baseline: Currently, livelihood strategies are not meaningfully integrated into coastal afforestation / reforestation programs, reducing the resilience of both livelihoods and coastal forest   | <b>Activity Results are the Outputs of the Project and Actions are the activities for achieving each output- not to be included in Atlas</b><br><b>Output 1.1</b> Community-based adaptation and livelihood diversification measures are integrated with baseline afforestation and reforestation activities in 4 districts.<br><b>Output 1.2</b> Diversified trial plantations of up to 10 mangrove and non-mangrove varieties established in 4 districts to increase the adaptive capacity of greenbelt structures on accreted lands | x         | x  | x  | x  | 62160     | 10003          | 72100       |                    | 6,200        |  |
|   | Contractual services - Companies (FFF Model)-FD/CMC  | x         | x  | x  | x  | 62160     | 10003          | 72100       |                    | 6,000        |  |
|   | Contractual services - Companies (Fisheries)   | x         | x  | x  | x  | 62160     | 10003          | 72100       |                    | 7,000        |  |
|   | Contractual services - Companies (livestock)   | x         | x  | x  | x  | 62160     | 10003          | 72100       |                    | 60,300       |  |
|   | Contractual services - Companies (Livelihood Diversification Support)-NGO  |           |    |    |    | 62160     | 10003          | 72100       |                    |              |  |
|   | Contractual services - Companies (Community Center)-CMC/PMU  |           |    |    |    | 62160     | 10003          | 72100       |                    |              |  |
|   | Contractual services - Companies (Local Adaptation Watcher)-CMC/PMU  |           |    | x  | x  | 62160     | 10003          | 72100       |                    | 12,715       |  |
|   | Contractual services - Companies (Farmers Training by Cooperatives)-CMC/PMU/Partners   |           |    |    |    | 62160     | 10003          | 72100       |                    |              |  |
|   | Contractual services - Companies (Mixed species demonstration)-FD  | x         | x  | x  | x  | 62160     | 10003          | 72100       |                    |              |  |
|   | Contractual services - Companies (Mixed species protection and maintenance)  |           |    |    |    | 62160     | 10003          | 72100       |                    | 3,000        |  |
|   | Contractual services - Companies (Assessment of beneficiary selection performance)   |           |    |    |    | 62160     | 10003          | 72100       |                    |              |  |
|   | Local consultants- Climate Change Adaptation Specialist  | x         |    |    |    | 62160     | 10003          | 71300       |                    | 20,000       |  |
|   | Local consultants- Climate Resilient livelihood Specialist   | x         |    |    |    | 62160     | 10003          | 71300       |                    |              |  |
|   | Local consultants - Environmental and social screening - Local Adaptation Facilitator  |           |    |    |    | 62160     | 10003          | 71300       |                    | 2,000        |  |
|   | Service Contract-Individual (M&E Specialist)   | x         | x  | x  | x  | 62160     | 10003          | 71400       |                    | 20,000       |  |

|           |   |   |   |   |   |             |       |       |       |            |
|-----------|---|---|---|---|---|-------------|-------|-------|-------|------------|
| resources | Contractual Services- Individual (Community Development Associates- 4 ) | x | x | x | x | DCOS (UNDP) | 62160 | 10003 | 71400 | 21,409     |
|           | Contractual Services- Individual (Community Development Assistants- 7)  | x | x | x | x | DCOS (UNDP) | 62160 | 10003 | 71400 | 29,363     |
|           | Mid Term Evaluation- Team leader (Int.)                                 |   |   |   | x | DCOS (UNDP) | 62160 | 10003 | 71200 | -          |
|           | Terminal Evaluation - Team Leader (Int.)                                |   |   |   |   | DCOS (UNDP) | 62160 | 10003 | 71200 | 15,808     |
|           | Mid Term Evaluation- Local Consultant                                   |   |   |   | x | DCOS (UNDP) | 62160 | 10003 | 71300 | -          |
|           | Terminal Evaluation - Local Consultant                                  |   |   |   | x | DCOS (UNDP) | 62160 | 10003 | 71300 | 6,750      |
|           | Travel  | x | x |   | x | DCOS (UNDP) | 62160 | 10003 | 71600 | 10,000     |
|           | Equipments and furniture  |   |   |   |   | DCOS (UNDP) | 62160 | 10003 | 72200 | -          |
|           | Acquisition of Communication Equipment                                  | x | x |   | x | DCOS (UNDP) | 62160 | 10003 | 72400 | -          |
|           | Training, Workshop and Conference (Local Level)                         | x | x |   | x | FD/MoEF     | 62160 | 10003 | 75700 | 20,000     |
|           | Training, Workshop and Conference                                       | x | x |   | x | FD/MoEF     | 62160 | 10003 | 75700 | -          |
|           | Training, Workshop and Conference                                       | x | x |   | x | DCOS (UNDP) | 62160 | 10003 | 75700 | -          |
|           | Audio visual & Print production costs                                   | x | x |   | x | FD/MoEF     | 62160 | 10003 | 74200 | 2,177      |
|           | Contri. To CO Common Security   | x | x |   | x | DCOS (UNDP) | 62160 | 10003 | 74300 | 10,000     |
|           | Supplies  | x | x |   | x | FD/MoEF     | 62160 | 10003 | 72500 | 1,850      |
|           | Supplies  | x | x |   | x | DCOS (UNDP) | 62160 | 10003 | 72500 | 2,000      |
|           | Miscellaneous Expenses  | x | x |   | x | FD/MoEF     | 62160 | 10003 | 74500 | 500        |
|           | Miscellaneous Expenses (UNDP Cost Recovery Charges)                     | x | x |   | x | DCOS (UNDP) | 62160 | 10003 | 74500 | -          |
|           | <b>Total of Activity 1</b>  |   |   |   |   |             |       |       |       | 257,072.00 |

|  |   |   |   |  |   |             |       |       |       |        |
|--|---|---|---|--|---|-------------|-------|-------|-------|--------|
| <b>Atlas Activity #2: Strengthened community involvement in, and ownership of, forestry-based adaptation and climate risk reduction programmes</b> | <b>Output 2.1</b> Existing systems of participatory natural resource management applied to strengthen the climate resilience of coastal afforestation/ reforestation programmes |   |   |  |   |             |       |       |       |        |
|  | <b>Output 2.2</b> A forest product benefit sharing agreement between coastal communities and national government developed and adopted.   |   |   |  |   |             |       |       |       |        |
|  | <b>Output 2.3</b> Awareness and capacity of local communities and government staff to promote coastal greenbelt co-management and benefit sharing improved                      |   |   |  |   |             |       |       |       |        |
|  | Local consultants (Land Use policy Expert)  |   |   |  |   | DCOS (UNDP) | 62160 | 10003 | 71300 | -      |
|  | International/National consultants (Climate Adaptation Specialist)  |   |   |  |   | DCOS (UNDP) | 62160 | 10003 | 71300 | 15,000 |
|  | Local consultants (Benefit Sharing Expert) c  | x | x |  |   | DCOS (UNDP) | 62160 | 10003 | 71300 | -      |
|  | Local consultants (Knowledge Management Expert)   |   |   |  |   | DCOS (UNDP) | 62160 | 10003 | 71300 | 5,000  |
|  | Local consultants (Policy Institution Expert)   |   |   |  |   | DCOS (UNDP) | 62160 | 10003 | 71300 | 5,187  |
|  | Local consultants (MIS)   |   |   |  | x | DCOS (UNDP) | 62160 | 10003 | 71300 | 5,000  |
|  | Mid Term Evaluation- Team leader (int.)   |   |   |  | x | DCOS (UNDP) | 62160 | 10003 | 71200 | -      |
|  | Terminal Evaluation - Team Leader (int.)  |   |   |  |   | DCOS (UNDP) | 62160 | 10003 | 71200 | 3,952  |

Targets: At least 3,865 target households living adjacent to CRPAR coastal afforestation / reforestation sites have adopted resilient livelihoods introduced in the project

Related CPD Outcome: Enhance effective management of the natural and man-made environment focusing on improved sustainability and increased resilience of vulnerable individuals and groups.

Indicator: Number of Forest Resources Protection Group (FRPG) members who gain access to coastal forest resources underpinned by a formal agreement





**Total Budget by Fund & Donors:**

|                           |              |
|---------------------------|--------------|
| GEF Trustee               | 1,065,523.67 |
| Total Programmable Budget | 1,065,523.67 |

**Total by Implementing Agency**

|                      |              |
|----------------------|--------------|
| UNDP (DCOS)          | 579,949.67   |
| NIM                  | 485,574.00   |
| Total Project Budget | 1,065,523.67 |

- This signed AWP along with the approved CPAP constitutes the legal basis for management and Implementation of project activities for the period specified in the AWP
- This signed AWP authorizes entering of the project budget in ATLAS and revise accordingly.
- An AWP signed by the IP and UNDP hereby authorizes Fund Commitment, Disbursement and Expenditure Reporting.
- AWP forms an integral part of the CPAP, and when completed, is annexed thereto and incorporated therein by reference.
- This AWP supersedes any previous AWP for the period specified

Implementing Partner and UNDP agree that the following Official(s) of the Responsible Party(ies) is/are delegated for signing of the Funding Authorization and Certificate of Expenditure (FACE):

Name and designation/Responsible Party Signature

Mohammad Muzammel Hoque, Project Manager



Mahmud Hassan, National Project Director & Additional Secretary, MoEFCC



Signature on behalf of Implementing Partner:

Mohammed Muzammel Hoque

Project Manager  
ICBA-AR Project



Signature on behalf of UNDP:

Mahmud Hassan  
National Project Director &  
Additional Secretary (MoFCC)  
Bangladesh Secretariat



Sudipto Mukerjee  
Resident Representative  
UNDP, Bangladesh



| Multi Year Budget: Version-J, Dated 22 January 2020  |  |  |  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|--|--|--|
|    |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Atlas Award ID: 00075892</b><br><b>Atlas Project ID: 00087558</b><br><b>Project/Programme Title:</b><br><b>UNDAF Outcome:</b><br>(UNDAF Outcome-2) Enhance effective management of the natural and man-made environment focusing on improved sustainability and increased resilience of vulnerable individuals and groups.<br>(SP Outcome 1) Growth and development are inclusive and sustainable, incorporating productive capacities that create employment and livelihoods for the poor and excluded<br>(CPD Outcome 3) Enhance effective management of the natural and man-made environment focusing on improved sustainability and increased resilience of vulnerable individuals and groups.<br>(Output 3.1) Government institutions have improved capacities, and institutional and legal frameworks to respond to and ensure resilient recovery from earthquakes, weather extremes, and environmental emergencies   |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Integrating Community-based Adaptation into Afforestation and Reforestation Programmes in Bangladesh</b><br>(UNDAF Outcome-2) Enhance effective management of the natural and man-made environment focusing on improved sustainability and increased resilience of vulnerable individuals and groups.<br>(SP Outcome 1) Growth and development are inclusive and sustainable, incorporating productive capacities that create employment and livelihoods for the poor and excluded<br>(CPD Outcome 3) Enhance effective management of the natural and man-made environment focusing on improved sustainability and increased resilience of vulnerable individuals and groups.<br>(Output 3.1) Government institutions have improved capacities, and institutional and legal frameworks to respond to and ensure resilient recovery from earthquakes, weather extremes, and environmental emergencies  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>UNDAF Outcome:</b><br>(UNDAF Outcome-2) Enhance effective management of the natural and man-made environment focusing on improved sustainability and increased resilience of vulnerable individuals and groups.<br>(SP Outcome 1) Growth and development are inclusive and sustainable, incorporating productive capacities that create employment and livelihoods for the poor and excluded<br>(CPD Outcome 3) Enhance effective management of the natural and man-made environment focusing on improved sustainability and increased resilience of vulnerable individuals and groups.<br>(Output 3.1) Government institutions have improved capacities, and institutional and legal frameworks to respond to and ensure resilient recovery from earthquakes, weather extremes, and environmental emergencies  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>CPD Outcome(s):</b><br>(CPD Outcome 3) Enhance effective management of the natural and man-made environment focusing on improved sustainability and increased resilience of vulnerable individuals and groups.<br>(Output 3.1) Government institutions have improved capacities, and institutional and legal frameworks to respond to and ensure resilient recovery from earthquakes, weather extremes, and environmental emergencies   |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>EXPECTED OUTPUTS</b><br><i>Components or major interim Results of the project; To be shown as Activities in Atlas</i>   |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Atlas Activity # 1: Vulnerability of communities in new afforestation and reforestation sites reduced through diversified livelihood options and more effective greenbelts</b>  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Indicators: No. of targeted households that have adopted resilient livelihoods under existing and projected climate change</b>  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Baseline: Currently, livelihood strategies are not meaningfully integrated into coastal afforestation / reforestation programs, reducing the resilience of both livelihoods and coastal forest resources</b>  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Planned Budget</b>  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Activity Results are the Outputs of the Project and Actions are the activities for achieving each output- not to be included in Atlas</b>   |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Timeframe</b>   |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Fund</b>  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Responsible Party</b>   |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Code</b>  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Donor</b>   |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Budget Code</b>   |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Budget Description</b>  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Year-1 2016</b>   |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Year-2 2017</b>   |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Year-3 2018</b>   |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Year-4 2019</b>   |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Year-5 2020</b>   |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Total</b>   |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Output 1.1</b> Community-based adaptation and livelihood diversification measures are integrated with baseline afforestation and reforestation activities in 4 districts.<br><b>Output 1.2</b> Diversified trial plantations of up to 10 mangrove and non-mangrove varieties established in 4 districts to increase the adaptive capacity of greenbelt structures on accreted lands   |  |  |  |  |  |  |  |  |  |  |  |  |
| Contractual services - Companies (FF Model)-<br>ED/CMC<br>Contractual services - Companies (Agriculture)<br>Contractual services - Companies (Fisheries)<br>Contractual services - Companies (livestock)<br>Contractual services - Companies (Livelihood Diversification Support)-NGO-01.1359<br>Contractual services - Companies (Community Center)-CMC/PMU<br>Contractual services - Companies (Local Adaptation Watcher)-CMC/PMU<br>Contractual services - Companies (Farmers Training by Cooperatives)-CMC/PMU/Partners<br>Contractual services - Companies (Mixed species demonstration)-FD<br>Contractual services - Companies (Mixed species protection and maintenance)<br>Contractual services - Companies (Assessment of beneficiary selection performance)<br>Contractual services - Companies (UNDP-CRC)<br>Local consultants- Climate Change Adaptation Specialist<br>Local consultants- Climate Resilient livelihood Specialist<br>Local consultants - Environmental and social screening/Local Adaptation Facilitator<br>Service Contract-Individual (M&E Specialist)<br>Contractual Services- Individual (Community Development Associates- 4)<br>Contractual Services- Individual (Community Development Assistants- 7) |  |  |  |  |  |  |  |  |  |  |  |  |
| 259,499<br>364,082<br>398,890<br>402,127<br>248,300<br>102,507<br>27,700<br>415,104<br>12,472<br>32,460<br>11,680<br>4,000<br>106,750<br>206,709<br>235,114  |  |  |  |  |  |  |  |  |  |  |  |  |





| Operations & maintenance                            |       | DCOS  |       |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 73400   | 10003 | 62160 | 10003 | 73400 | 10003 | 62160 | 10003 | 73400 | 10003 | 62160 | 10003 | 73400 | 10003 | 62160 | 10003 | 73400 | 10003 | 62160 | 10003 | 73400 | 10003 |
| Operations & maintenance                            |       | DCOS  |       |
| Miscellaneous Expenses (UNDP Cost Recovery Charges) |       | DCOS  |       |
| Miscellaneous Expenses                              |       | DCOS  |       |
| Total of Project Management (Activity 4):           |       | DCOS  |       |
| Total 2017 Project Budget                           |       | DCOS  |       |
| Total 2017 Project Budget                           |       | DCOS  |       |

**Total By Output:**

|              |               |                  |                  |                  |                  |                  |
|--------------|---------------|------------------|------------------|------------------|------------------|------------------|
| Output 1     | 62,878        | 1,244,814        | 1,488,178        | 1,788,606        | 1,065,524        | 5,650,000        |
| Output 2     | 16,316        | 678,608          | 944,510          | 1,359,832        | 257,072          | 3,256,337        |
| Output 3     | 16,377        | 64,110           | 128,224          | 107,839          | 290,939          | 607,488          |
| Output 4     | -             | 397,825          | 338,672          | 296,880          | 482,799          | 1,516,175        |
| <b>Total</b> | <b>62,878</b> | <b>1,244,814</b> | <b>1,488,178</b> | <b>1,788,606</b> | <b>1,065,524</b> | <b>5,650,000</b> |

**Total Budget by Fund & Donors:**

|                                  |               |                  |                  |                  |                  |                  |
|----------------------------------|---------------|------------------|------------------|------------------|------------------|------------------|
| GEF Trustee                      | 62,878        | 1,244,814        | 1,488,178        | 1,788,606        | 1,065,524        | 5,650,000        |
| <b>Total Programmable Budget</b> | <b>62,878</b> | <b>1,244,814</b> | <b>1,488,178</b> | <b>1,788,606</b> | <b>1,065,524</b> | <b>5,650,000</b> |

**Total by Implementing Agency**

|                             |               |                  |                  |                  |                  |                  |
|-----------------------------|---------------|------------------|------------------|------------------|------------------|------------------|
| UNDP (DCOS)                 | 62,878        | 511,010          | 458,025          | 461,753          | 579,950          | 2,073,616        |
| NIM                         | -             | 733,804          | 1,030,153        | 1,326,853        | 485,574          | 3,576,384        |
| <b>Total Project Budget</b> | <b>62,878</b> | <b>1,244,814</b> | <b>1,488,178</b> | <b>1,788,606</b> | <b>1,065,524</b> | <b>5,650,000</b> |

  
 Mohammed Muzammel Hoque  
 Project Manager  
 ICBA-AR Project

  
 Mahmud Hassan  
 National Project Director &  
 Additional Secretary (MoFCC)  
 Bangladesh Secretariat

  
 Sudipto Mukerjee  
 Resident Representative  
 UNDP, Bangladesh

Revised Procurement Plan - 2020

| Country Office   |          | R&IG Cluster   |   | ICBA-AR Project  |    | 22/1/2020                   |          | Instructions:                |          |                   |        |                   |                            |  |
|--|----------|--|---|--|----|-----------------------------|----------|------------------------------|----------|-------------------|--------|-------------------|----------------------------|--|
| Submitted by:  |          | Type of Supply   |   | Description of goods, services or works required         |    | Unit of Measure             |          | Quantity                     |          |                   |        |                   |                            |  |
| Date:  |          | Category   |   | Category   |    | Estimated Unit Price in USD |          | Estimated Total Price in USD |          |                   |        |                   |                            |  |
| Project Name   |          | Type of Supply   |   | Description of goods, services or works required         |    | Unit of Measure             |          | Quantity                     |          |                   |        |                   |                            |  |
| Project ID   |          | Type of Supply   |   | Description of goods, services or works required         |    | Unit of Measure             |          | Quantity                     |          |                   |        |                   |                            |  |
| Integrating Community-based Adaptation into Afforestation and Reforestation Programmes in Bangladesh | 00087588 | Individual Contractor                                    | Individual Consultant (IC) - Local                            | Climate Change Adaptation Specialist                     | EA | 1                           | \$15,000 | \$15,000                     | 1        | Forest Department | Jun-20 | Forest Department | Procurement Process Status |  |
|  |          | Individual Contractor                                    | Sr. National Consultants (Climate Adaptation Specialist)      | Sr. National Consultants (Climate Adaptation Specialist) | EA | 1                           | \$20,000 | \$20,000                     | 1        | Forest Department | Jun-20 | Forest Department |                            |  |
|  |          | Individual Contractor                                    | International Consultant-Terminal Evaluation                  | International Consultant-Terminal Evaluation             | EA | 1                           | \$21,635 | \$21,635                     | 1        | Forest Department | Jun-20 | Forest Department |                            |  |
|  |          | Individual Contractor                                    | Individual Consultant (IC) - Local                            | Local Consultant-Terminal Evaluation                     | EA | 1                           | \$11,250 | \$11,250                     | 1        | Forest Department | Jun-20 | Forest Department |                            |  |
|  |          | Individual Contractor                                    | Local Consultant  | Knowledge Management Exper                               | EA | 1                           | \$5,000  | \$5,000                      | 1        | Forest Department | Jun-20 | Forest Department |                            |  |
|  |          | Local Consultant/Firm (Capacity Building)-Consultant/NGO | Contractual Services-Companies (Capacity Building)-Consultant | Capacity Building  | EA | 1                           | \$6,830  | \$6,830                      | 1        | Forest Department | Jun-20 | Forest Department |                            |  |
|  |          | Individual Contractor                                    | Local Consultant  | Policy Expert/Others                                     | EA | 1                           | \$5,187  | \$5,187                      | 1        | Forest Department | Jun-20 | Forest Department |                            |  |
|  |          | Individual Contractor                                    | Local Consultant  | Site Engineer  | EA | 1                           | \$14,000 | \$14,000                     | 1        | Forest Department | Jun-20 | Forest Department |                            |  |
|  |          |  |   |  |    |                             |          | \$98,902                     | \$98,902 |                   |        |                   |                            |  |
|  | Total    |  |   |  |    |                             |          |                              |          |                   |        |                   |                            |  |

*Md. Bahadur Hossain*  
**Md. Bahadur Hossain**  
 Finance Officer  
 ICBA-AR Project

*Mohammad Muzammel Hoque*  
**Mohammad Muzammel Hoque**  
 Project Manager  
 ICBA-AR Project

*Mahmud Hassan*  
**Mahmud Hassan**  
 Minational Project Director  
 ICBA-AR Project

Bureau: RBAP | Business Unit: Bangladesh | Project ID: 00087558 | Year: 2020 | Report Date: February 10, 2020

| #  | Request ID     | Requester Name  | Title of Procurement Action                            | Type of Procurement Action | Procurement Category                   | Estimated Contract Value (USD) | Is Amendment? | Amendment Value (USD) | Submission Date for Documents | Target Purchase Order Date (if Goods) | Planned Contract Start Date (if Civil Works, IC, or Services) |
|--|----------------|-----------------|--|----------------------------|--|--------------------------------|---------------|-----------------------|-------------------------------|---------------------------------------|---|
| 1  | BGD-0000088547 | Md Razibul Alam | Service  | Individual Contract        | Individual Consultants - International | 21,635                         | No            | 0                     |                               |                                       | 11-Mar-20   |
| 2  | BGD-0000088549 | Md Razibul Alam | Terminal Evaluation national                           | Individual Contract        | Individual Consultants - National      | 11,250                         | No            | 0                     |                               |                                       | 18-Mar-20   |
| 3  | BGD-0000088552 | Md Razibul Alam | Policy institution and other                           | Individual Contract        | Individual Consultants - National      | 5,187                          | No            | 0                     |                               |                                       | 15-Apr-20   |
| 4  | BGD-0000088553 | Md Razibul Alam | Knowledge management expert and other                  | Individual Contract        | Individual Consultants - National      | 5,000                          | No            | 0                     |                               |                                       | 22-Apr-20   |
| 5  | BGD-0000088555 | Md Razibul Alam | Capacity Building and other                            | Individual Contract        | Individual Consultants - National      | 6,830                          | No            | 0                     |                               |                                       | 20-Feb-20   |
| 6  | BGD-0000088556 | Md Razibul Alam | National Consultant adaptation Engineer                | Individual Contract        | Individual Consultants - International | 14,000                         | No            | 0                     |                               |                                       | 30-Jan-20   |
| 7  | BGD-0000090232 | Md Razibul Alam | Climate Change Adaptation Specialist                   | Individual Contract        | Individual Consultants - National      | 15,000                         | No            | 0                     |                               |                                       | 12-Feb-20   |
| 8  | BGD-0000090234 | Md Razibul Alam | Sr. National Consultants climate adaptation specialist | Individual Contract        | Individual Consultants - National      | 20,000                         | No            | 0                     |                               |                                       | 13-Feb-20   |
| <b>TOTAL</b>   |                |                 |  |                            |  | <b>98,902</b>                  |               | <b>0</b>              |                               |                                       |   |
| <b>Grand Total (Estimated Contract Value+ Amendment Value)</b> |                |                 |  |                            |  |                                | <b>98,902</b> |                       |                               |                                       |   |

  
**Md. Razibul Alam**  
 Project Assistant  
 ICBA-AR Project, UNDP  
 Bana Bhaban, Agargaon, Dhaka

**UNDP Bangladesh Revised Recruitment Plan - 2020**

**Project/Country Office: Integrating Community-based Adaptation into Afforestation and Reforestation Programmes in Bangladesh, UNDP Bangladesh**

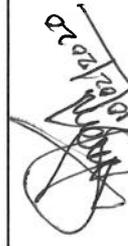
**1. Position management- Existing Staff (both national and international if applicable)**

| Name                            | Position title                    | Contract modality | Category/Band | Contract end date | Planned extension | Remarks |
|---------------------------------|-----------------------------------|-------------------|---------------|-------------------|-------------------|---------|
| Mohammad Muzammel Hoque         | Project Manager                   | SC                | SB4 Q3        | 30/06/2020        | 31/12/2020        |         |
| Md. Bahadur Hossain             | Project Support Officer/Associate | SC                | SB3 Q5        | 29/02/2020        | 31/12/2020        |         |
| Md. Razibul Alam                | Project Assistant                 | SC                | SB2 Q2        | 30/06/2020        | 31/12/2020        |         |
| Md. Kabir Hossain               | Communications Officer            | SC                | SB3 Q3        | 30/06/2020        | 31/12/2020        |         |
| Mohammad Mizanur Rahman Bhuiyan | Community Development Associates  | SC                | SB-3 Q3       | 29/02/2020        | 31/12/2020        |         |
| Md. Shafiqul Islam              | Community Development Associates  | SC                | SB-3 Q3       | 29/02/2020        | 31/12/2020        |         |
| Md. Shafiqur Rahman             | Community Development Associates  | SC                | SB-3 Q3       | 29/02/2020        | 31/12/2020        |         |
| Mst. Shahnin Moshrefa           | Community Development Associates  | SC                | SB-3 Q3       | 29/02/2020        | 31/12/2020        |         |
| Md. Abdul Kaiyum                | Community Development Associates  | SC                | SB-2 Q-3      | 16/03/2020        | 31/12/2020        |         |
| Md. Abul Hashem Miah            | Community Development Associates  | SC                | SB-2 Q-3      | 1-Apr-2020        | 31/12/2020        |         |
| Md. Kamruzzaman                 | Community Development Assistants  | SC                | SB-2 Q3       | 1-Apr-2020        | 31/12/2020        |         |
| Md. Rafiqul Islam               | Community Development Assistants  | SC                | SB-2 Q3       | 5-Apr-2020        | 31/12/2020        |         |
| Md. Mominul Islam               | Community Development Assistants  | SC                | SB-2 Q3       | 30-Apr-2020       | 31/12/2020        |         |
| Mst. Nasrin Fardous             | Community Development Assistants  | SC                | SB-2 Q3       | 30-Apr-2020       | 31/12/2020        |         |

**2. Recruitment Plan for 2019 - New Hire**

| Position    | Annual Work Plan reference | Contract modality | Number of positions | Category / Band | Contract duration | Expected Date of joining | Funding availability | Remarks            |
|-------------|----------------------------|-------------------|---------------------|-----------------|-------------------|--------------------------|----------------------|--------------------|
| M&E Officer | Activity 1                 | SC                | 1                   | Q-3             | 10 Months         | 2/15/2020                | Yes                  | Vacant on 2/9/2020 |

  
**Md. Razibul Alam**  
 Project Assistant  
 ICBA-AR Project

  
**Md. Bahadur Hossain**  
 Finance Officer  
 ICBA-AR Project

  
**Mohammad Muzammel Hoque**  
 Project Manager  
 ICBA-AR Project

## ***Integrating Community-based Adaptation into Afforestation and Reforestation (ICBA-AR)-Project Summery***

Coastal communities in Bangladesh are highly resource poor and extremely vulnerable to climate change impacts. Livelihoods of coastal people hinge on smallholding agriculture, fisheries and livestock farms where low income and poor diversity in options further increase their vulnerability.

United Nations Development Programme (UNDP) with financial support from the Global Environment Facility (GEF) has initiated 'Integrating Community-based Adaptation into Afforestation and Reforestation (ICBAAR)' in 2016 with the endeavors to enhance resilience of climate vulnerable coastal community through livelihood diversification and by linking their livelihood aspiration with coastal greenbelt management. The Program is being implemented 8 upazila of 5 most vulnerable coastal districts by the Ministry of Environment, Forest and Climate Change.

### **Programme Objectives**

Reduce climate vulnerability of local communities through participatory planning, community-based management, integration of climate resilient livelihoods and diversification of species in afforestation and reforestation Programme.

### **Programme Components**

The ICBA-AR project has been designed based on the following three components:

- Increase resilience of local communities through diversification of their livelihood and diversification of plant species in coastal greenbelts;
- Promote community stewardship of coastal greenbelt through establishment of co-management and linking that to local people's livelihood through access and benefit-sharing mechanism; and
- Protect communal livelihood assets of local people from extreme weather events through effective early warning and disaster preparedness planning

### **Key Results Achieved till December 2019**

- The project provided climate resilient livelihoods demonstration (agricultural, livestock and fisheries) to 7740 coastal households (nearly 52% are women).
- Reforested 650 ha of coastal greenbelt with 12 diverse species to create protective greenbelt.
- Constructed 140 mound Forest, Fish, fruits and vegetable model using 28 ha of barren and unproductive forest land that creates short, medium and long term recurrent income sources for the climate vulnerable communities.
- Provided training and equipment to 6,000 CPP volunteers working in the project areas to support coastal people from cyclone and other disasters.
- Established 8 Co-Management Committee to engage relevant stakeholders into project activities and forest management.
- Completed construction of 20 sluiceways and 3Km canal excavation to enable thousands of households to Promote agriculture and other livelihood options.

The programme is expected to benefit over 60,000 climate vulnerable coastal population and will contribute to long-term resilience of coastal communities and ecosystem against the climate change induced impact.

*D Alan*  
10/02/2020

**The key results of Integrating Community-based Adaptation into Afforestation and Reforestation Project (ICBAAR) are as follows:**

- 640 vulnerable households will be trained and receive climate resilient livelihood supports.
- 360 households will be involved in Forest, Fruit, Fish and Vegetables (3FV) model at homestead level
- 6 Community Resource Centre and one Climate Adaptation Learning Centre will be established
- 6 Killas (raised earthen platform) will be established to protect livestock's during disaster and cyclone

*Alan*  
10/02/2020

## ICBAAR Field Visit Plan

January - December 2020

### Integrating Community-based Adaptation into Afforestation and Reforestation Programmes

| Date (Month/Year) | Location (Dist/Upazial)   | Mission Members (Name/Designation)                                     | Purpose   | Methodology   |
|-------------------|---|--|---|---|
| Jan 2020          | Charfesson, Bhola<br>Golachipa, Patuakhali                        | PM, ICBAAR<br>Infrastructure Specialist, ICBAAR<br>M&E Officer, ICBAAR | To study feasibility of Community Adaptation Learning Centre<br>To monitor progress of partner activities | Data/record analysis, discussion with partners/<br>Beneficiaries/Stakeholders |
|                   |   | M&E Officer, ICBAAR  | To monitor progress of partner activities   | Data/record analysis, discussion with partners                                |
| Feb 2020          | Patharghata, Barguna  | CO, ICBAAR<br>Video consultant,<br>ICBAAR                              | Video documentation   | Video documentation, interview, photography                                   |
|                   |   | CO, ICBAAR<br>Documentation Specialist, ICBAAR                         | To document and collection of success story   | Video documentation, interview, photography                                   |
| March 2020        | Hatiya, Patuakhali,<br>Patharghata, Barguna,<br>Charfesson, Bhola | NPD, ICBAAR<br>PM, ICBAAR  | To monitor progress of partner activities   | Field observation and discussion with partners                                |
|                   |   | PS and Programme Associate, RIG Cluster PM, ICBAAR                     | To monitor progress of project activities   | Supervision and discussion with partners and beneficiaries                    |
|                   | Charfession, Monpura,<br>Bhola                                    | RR, ARR and PS, UNDP<br>Secretary, MoEFCC<br>NPD, ICBAAR<br>PM, ICBAAR | To monitor progress of project activities   | Supervision and discussion with partners and beneficiaries                    |
|                   |   | PMU and Field Officials  | Staff coordination and finalization of guidelines   | Meeting, discussions, guidelines and proceedings                              |

*Alau*  
10 Feb 2020

|            |  |   |  |  |
|------------|--|---|--|--|
| April 2020 | Golachipa, Rangabali, Patuakhali               | M&E, Officer PM, ICBAAR   | To evaluate project progress   | Supervision and discussion with partners and beneficiaries                         |
|            | Patharghata, Barguna                           | NPD, ICBAAR PM, ICBAAR PS, ICBAAR                                   | To monitor progress of partner activities  | Field observation and discussion with partners                                     |
|            | Patuakhali, Pirojpur, Barguna, Noakhali, Bhola | PM, CO, M&E, ICBAAR   | Support, Monitor and documentation of capacity building activities of NGO                | Participate in training, documentation and discussion                              |
| May 2020   | Barguna and Patuakhali                         | CO, PM and Country Office CO  | Documentation and dissemination  | Field visit, meeting, interviews   |
|            | Hatiya, Noakhali                               | M&E Officer, ICBAAR PM, ICBAAR                                      |  |  |
|            | Patuakhali, Pirojpur, Barguna, Noakhali, Bhola | PM, CO, PS, PA, ICBAAR  | Exchange visit   | Gather best practices knowledge by formation of team from one districts to another |
| June 2020  | Patuakhali, Barguna, Pirojpur                  | CO, PS, ICBAAR Documentation Specialist, photo story writer, ICBAAR | Publication of Photo story and develop comprehensive video Discussion with beneficiaries | Discussion with beneficiaries, interviews, photo and video collections             |
|            | Rangabali, Patuakhali                          | NPD, ICBAAR PM, ICBAAR  | To monitor progress of partner activities  | Data/record analysis, discussion with partners                                     |
|            | Charfassion                                    | PMU and Field Officials   | Staff coordination and finalization of guidelines  | Meeting, discussions, guidelines and proceedings                                   |
| July 2020  | Noakhali and Bhola                             | CO, PM, ICBAAR Documentation Specialist, photo story writer, ICBAAR | Publication of Photo story and develop comprehensive video Discussion with beneficiaries | Discussion with beneficiaries, interviews, photo and video collections             |
|            | Hatiya, Noakhali Monpura, Bhola                | NPD, ICBAAR PM, ICBAAR  | To monitor progress of partner activities  | Field observation and discussion with partners                                     |

*R Alau*  
10/02/2020

|              |   |   |  |  |
|--------------|---|---|--|--|
| August 2020  | Golachipa, Rangabali, Patuakhali        | PM, CO, ICBAAR  | To monitor progress of partner activities  | Data/record analysis, discussion with partners         |
|              | Charfession, Bhola                      | PM, CO, ICBAAR<br>M&E Officer, ICBAAR                             | To monitor progress of partner activities  | Data/record analysis, discussion with partners         |
| Sept 2020    | Monpura, Charfession, Tazimuddin, Bhola | UNDP Higher Mgt, PM, ICBAAR                                       | To monitor project interventions   | Meeting with partners and beneficiaries                |
|              | Rangabali, Golachipa, Patuakhali        | PM, ICBAAR<br>M&E Officer, ICBAAR<br>CO, ICBAAR                   | To monitor progress of partner activities  | Data/record analysis, discussion with partners         |
|              | Hatiya                                  | PMU and Field Officials   | Staff coordination and finalization of guidelines  | Meeting, discussions, guidelines and proceedings       |
| October 2020 | Haitia, Noakhali                        | NPD, and PM, ICBAAR   | To monitor progress and quality  | Data/record analysis, discussion with partners         |
|              | Noakhali and Bhola                      | CO, PM and Newspapers, TV journalists                             | Promote and disseminate project results  | Interview, photos, videos                              |
|              | Charfession, Tazimuddin, Bhola          | Mr. Kazu, M&E Specialist, UNDP Bangladesh PM, M&E Officer, ICBAAR | To verify progress as per indicator under outcome 1  | Discussion and record analysis beneficiaries           |
|              | Entire project site                     | CO, ICBAAR  | Collate photos for producing case story publications, innovative livelihoods book and Calendar of 2020 | Photography and data collection from the beneficiaries |
| Nov 2020     | Patharghata, Barguna                    | PM, M&E Officer, ICBAAR<br>M&E Officer                            | To monitor progress of partner activities  | Data/record analysis, discussion with partners         |
|              | Noakhali and Bhola                      | CO, PM and Country Office CO                                      | Documentation and dissemination  | Field visit, meeting, interviews                       |

*P. Alam*  
10/02/2020

|          | Entire site           | Site Engineer, ICBAAR                  | To monitor infrastructures                | Supervision                                    |
|----------|-----------------------|--|---|--|
| Dec 2020 | Hatiya, Noakhali      | NPD, PM, ICBAAR                        | To monitor progress of partner activities | Data/record analysis, discussion with partners |
|          | Patharghata, Borguna  | PM & CO, ICBAAR<br>M&E Officer, ICBAAR | To monitor progress of partner activities | Data/record analysis, discussion with partners |
|          | Rangabali, Patuakhali | NPD, ICBAAR<br>PM, ICBAAR              | To monitor progress of partner activities | Data/record analysis, discussion with partners |

*Abu*  
10/02/2020

## Communication Work Plan for ICBA-AR January-December 2020

| SL No. | Type of work  | Detailed Activities   | Responsible Person       | Deadline               | Tentative Budget (Tk.) | AoB |
|--------|---|---|--------------------------|------------------------|------------------------|-----|
| 1      | Produce 3 human stories videos (e.g. agriculture, fisheries and, livestock) to communicate results, impact and experiment of ICBAAR Programme                   | Finalize key message and shooting                             | CO and Video consultant  | January 1-15           | 500,000                |     |
|        |   | Shooting  | Video consultant and CO  | January 10-February 28 |                        |     |
|        |   | Editing, feedback/finalization                                | Video consultant, CO, PM | March 15               |                        |     |
| 2      | Produce two knowledge products (climate resilient livelihood & diversified Mangrove species) and two Bangla English brochures                                   | Finalize design   | CO                       | Jan 25                 | 400,000                |     |
|        |   | Approval and hiring vendor                                    | PM, PA                   | Jan 30                 |                        |     |
|        |   | Coordinate printing   | CO                       | February 28            |                        |     |
| 3      | Hiring a photographer for collating photos to be used in livestock manual, case story book, features, web article, FB and twitter messages and others (20 days) | Develop ToR and hiring consultant                             | CO, PA                   | February 10            | 400,000                |     |
|        |   | Coordinate Mission  | CO                       | February - December    |                        |     |
|        |   | Establish video library                                       | CO                       | November               |                        |     |
| 4      | Documentation of CMC training   | Support finalization of training manuals/ Review and branding | CO, PM                   | February               | 50,000                 |     |
|        |   | Field visit/video shooting/photography                        | CO and Video consultant  | March                  |                        |     |
| 5      | Decoration of 7 CRCs  | Design materials/information                                  | CO, CA                   | March 30               | 400,000                |     |
|        |   | Decoration of CRCs  | CO, CA                   | April-June             |                        |     |

| SL No. | Type of work   | Detailed Activities   | Responsible Person       | Deadline           | Tentative Budget (Tk.) | AoB  |
|--------|--|---|--------------------------|--------------------|------------------------|--|
| 6      | Organize 2 media visit hiring creative writers for TV's and newspapers articles and reports in home and abroad | Contracting firm/consultant                                 | PA/CO                    | March 10           | 500,000                |  |
|        |  | Organizing staff  | CO                       | March              |                        |  |
|        |  | Field visit   | CO and Country Office CO | April-October      |                        |  |
| 7      | Organize a national workshop on lessons learned  | Publishing and airing features and reports                  | CO                       | April to December  | 500,000                |  |
|        |  | Determine date, venue and guest                             | CO                       | April 15           |                        |  |
|        |  | Invitation  | PA                       | April 30           |                        |  |
| 8      | Develop IEC materials (Framing posters, fact sheet, photo stand/stand banner) to display in Environment day    | Organize event  | CO, PM                   | May 15             | 150,000                |  |
|        |  | Produce report  | CO                       | June 15            |                        |  |
|        |  | Design  | CO, CA                   | May                |                        |  |
|        |  | Printing  | CO, PA                   | May                |                        |  |
| 9      | Develop a compressive video and 1/2 human stories  | Participate in the fair                                     | CO, CA                   | June               | 400,000                |  |
|        |  | Hiring vendor   | CO, PA                   | May                |                        |  |
|        |  | Shooting  | CO, video Consultant     | May-July           |                        |  |
| 10     | Exposure visit   | Video   |                          | July               | 500,000                | Team will be consisting by UNO, concern officials, CMC, FRPGs, beneficiaries and staff |
|        |  | Identify successful activities, beneficiaries and officials | CO, Field Team           | June-July 10       |                        |  |
|        |  | Coordinate missions   | CO                       | June-July          |                        |  |
| 11     | Develop a case story book  | Produce report  | CO, Field Team           | August             | 250,000                |  |
|        |  | Developing stories  | CO                       | August - September |                        |  |
|        |  | Design and approval   | Co, CA                   | September          |                        |  |

| SL No. | Type of work   | Detailed Activities   | Responsible Person | Deadline            | Tentative Budget (Tk.) | AoB |
|--------|--|---|--------------------|---------------------|------------------------|-----|
|        |  | Printing and distribution   | CO                 | October             |                        |     |
| 11     | National Dissemination Workshop  | Documentation   | CO, PM             | Sept                | 600,000                |     |
|        |  | Organize event  | CO, PM, PSO, PA    | October             |                        |     |
| 12     | Support organization of PSC and PIC                                    | Report production and dissemination   | CO, PM             | November - December | -                      |     |
|        |  | Support in preparing working papers, presentations, facilitation and documentations | CO, PM, PA         | When it is requires |                        |     |
| 13     | Finalize all documents for handover                                    | Organize document   | CO, CA             | October- November   | 250,000                |     |
|        |  | Handover  | PM                 | December            |                        |     |
| 14     | Contribute in UNDP Newsletter, website, newspaper article, FB, Twitter | Develop articles, social media message, provide information                         | CO                 | January- December   |                        |     |
| 15     | Represent in Gender Focal Group and Communication Group Meetings       | Participation, action plan and information dissemination                            | CO                 | January- December   |                        |     |
| Total  |  |   |                    |                     | 49,00,000              |     |

CO- Communication Officer ,  
CA- Communication Associate  
M&E- Monitoring and Evaluation Officer,  
PM- Project Manager  
PA- Project Assistant  
PSA-Program Support Officer

## Gender Action Plan of ICBAAR for 2020

| Actions  | Person/Unit Responsible | Timeline     | Budget allocation | Proposed Indicator |
|--|-------------------------|--------------|-------------------|--------------------|
| Ensure 50% + households as beneficiary for 2020  | CDO/CDA                 | February     | Output 1          |                    |
| Ensure gender dedicated training sessions of each and every training planned for 600 households of 2020                  | CDO/CDA                 | March -April | Output 1          |                    |
| Engage 1 female Adaptation watchers to every working upazila to support female households and local level implementation | PM                      | Jan-December | Output 1          |                    |
| Ensure participation of women in CRC, CMC, Killa, FRPG and all other committees  | PM                      | March-July   | Output 1 & 3      |                    |
| Ensure gender discussion in every workshop and seminar of the project in local and national level                        | COM                     | Jan-December | Output 2          |                    |
| Promote Gender issues through Communications Products and campaigns  | COM                     | Jan-Dec      | Output 2 and 3    |                    |

Total budget for 2020– 1.1576\$

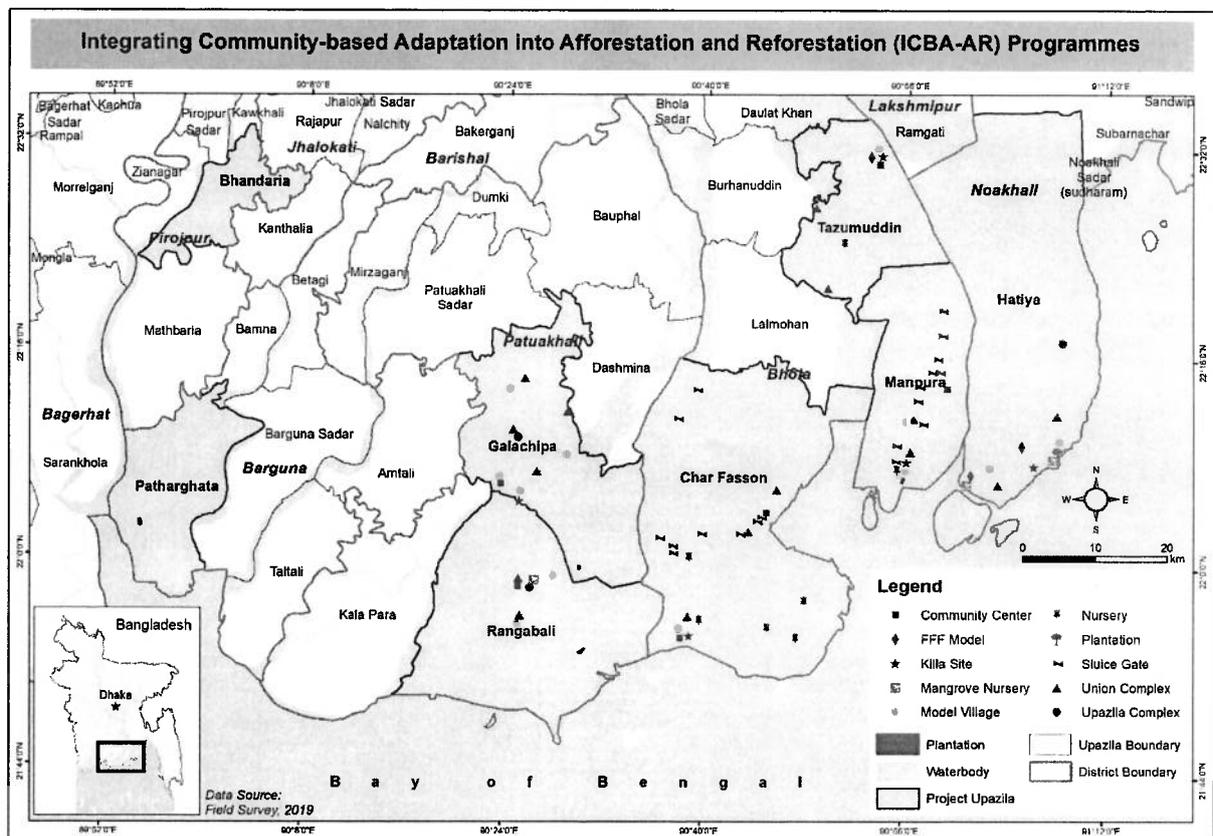
Budget allocation for the activities directly contributing to gender equality over 52% (52% of entire beneficiary is women ). Therefore the dedicated budget for women participant is 600000\$

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## Geographical Locations of Integrating Community-based Adaptation into Afforestation and Reforestation Programmes (ICBAAR):

The ICBAAR programme sites include eight Upazilas of five highly vulnerable coastal districts of Bangladesh, namely Galachipa and Rangabali Upazilas of Patuakhali district, Patharghata Upazila of Barguna district, Monpura, Charfason and Tazimuddin Upazilas of Bhola district, Hatia Upazila of Noakhali district and Bhandaria Upazila of Pirojpur district.

The geographical locations along with major interventions are mentioned in the following map:



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**RESOURCE MOBILIZATION ACTION PLAN**

Project: Integrating Community-based Adaptation into Afforestation and Reforestation and Programme in Bangladesh

Name of IP: Ministry of Environment, Forest and Climate Change

| <b>Target Partner</b> | <b>Expected funding<br/>(+X% or \$Y from \$Z in YYYY)</b> | <b>Targeted area(s) of<br/>cooperation*<br/>(Linked to new Strategic Plan)<br/>(* Can also name the titles of<br/>associated projects)</b> | <b>Concrete actions and timing for engagement<br/>(Consider partners' budget cycle and most<br/>influencing persons for identifying good<br/>entry points for partnership and influencing<br/>funding decisions by partners. Specify the<br/>joint policy dialogues, high level<br/>meeting/letters, proposal submissions, etc.<br/>Indicate needed CO capacity investments)</b> | <b>Responsible CO<br/>Unit/Person<br/>(And supporting<br/>unit/persons if any)</b> |
|-----------------------|---|--|--|--|
| N/A                   | N/A   | N/A  | N/A  | N/A  |
|                       |   |  |  |  |

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# Lesson Learned



Integrating Community-based Adaptation into Afforestation and Reforestation Programmes in Bangladesh (ICBA-AR)

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**The key lessons of the project are as follows:**

**What Went Well/Strength:**

- Link to Global and Country's Priority (SDG, NAPA, BCCSAP, NDC, Delta Plan etc.)
- Comprehensive adaptation strategy including relevant sectors which are interlinked to reduce climate vulnerability in the coastal region (FD,DAE, DoF, DLS, DDM, BFRI, BWDB, NGO, CMC etc.);
- Implementation strategy emphasizing Govt. dept considering their expertise & capacity;
- Involvement of local Govt. in project implementation (CMC, PIC etc.);
- Community based Approach involving ultra poor emphasizing women;
- Very remote and vulnerable islands/Project sites.

**What did not Work Well/Weakness:**

- Underestimated budget in all the components;
- Some un-realistic thinking (Component -2: Benefit-sharing Mechanism from the coastal forest);
- One time support with limited budget (avg: 8000 BDT) without provision of further nurture;
- No budget for partners monitoring, supervision, official expenditure;
- No role for BFRI, MoL, No PD for CPP
- Only one Project staff to coordinate whole Upazila;
- No provision of transports for the staff in a very remote island/area;
- Regarding sustainability of good result, FRPG, CMC beyond project period (lack of strategy and direction)

**Recommendation**

- Livelihoods: Demonstrate Village/Union based certain proven/innovative technology and disseminate these technology to mass people/beneficiaries with limited and essential support;
- Site/Beneficiary selection, formation Group and Mobilization by NGO
- Demonstration and technical support by the concern Department
- Sustainability: Should have clear strategy regarding sustainability of Groups/FRPG and CMC beyond project.

**Climate Resilient Agriculture (HY Rice Varieties)**

| What went Well  | What did not go well  |
|---|---|
| <ul style="list-style-type: none"><li>• HYV rice varieties like T-Aman: BR 52, BD73 are more productive, early yielding compared to traditional variety</li></ul> | <ul style="list-style-type: none"><li>• Limited budget and one-time support</li><li>• Limitation to disseminate the result to wider farmers</li></ul> |

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|  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• More climate resilient and Flood tolerant</li> <li>• Other farmers are also interested and continuing</li> <li>• Build good relations with concern dept. official</li> </ul>    | <ul style="list-style-type: none"> <li>• Individual support without forming group for further technical support</li> </ul> |
| <p><b>Recommendation:</b></p> <ul style="list-style-type: none"> <li>• Arrange farmers field day</li> <li>• Project should have provision to disseminate good results beyond the beneficiaries at large scale</li> </ul> |  |

**Climate Resilient Agriculture (Mixed Fruit Orchard with Bau/Apple Kul, Thai Guava and Vietnam Coconut)**

|  |  |
|--|--|
| <b>What went Well</b>  | <b>What did not work well</b>  |
| <ul style="list-style-type: none"> <li>• Suitable in in the coastal region</li> <li>• High yielding</li> <li>• Economically viable</li> <li>• Women friendly</li> <li>•</li> </ul> | <ul style="list-style-type: none"> <li>• Limited budget and one-time support</li> <li>• Very scarcity of suitable land in the homestead</li> <li>• Individual support without forming group for further technical support</li> </ul> |
| <p><b>Recommendation:</b></p> <p>Project should have provision to disseminate good results beyond the beneficiaries with limited support</p>                                       |  |

**Climate Resilient Fish Culture (Monosex Telapia, carp fishes, Pungas)**

|   |   |
|---|---|
| <b>What went Well</b>   | <b>What did not go well</b>   |
| <ul style="list-style-type: none"> <li>• Suitable in the coastal region especially Mono sex Telapia</li> <li>• Early yielding</li> <li>• High yielding</li> <li>• Economically viable</li> <li>•</li> </ul>   | <ul style="list-style-type: none"> <li>• Limited budget and one-time support</li> <li>• Limitation for landless people</li> <li>• Individual support without forming group for further technical support</li> </ul> |
| <p><b>Recommendation:</b></p> <ul style="list-style-type: none"> <li>• Project should have provision to disseminate good results beyond the beneficiaries with limited support</li> <li>• Introduce cage culture, crab farming, sorjone fish culture forming the group</li> </ul> |   |

**Climate Resilient Livestock (Duck: Khaki Campbell, Turkey, Quail rearing)**

|   |   |
|---|---|
| <b>What went Well</b>   | <b>What did not go well</b>   |
| <ul style="list-style-type: none"> <li>• Suitable in the coastal region</li> <li>• Early yielding</li> <li>• High yielding compared to local variety (280 eggs/yr)</li> <li>• Economically viable</li> <li>• Suitable for landless people</li> <li>•</li> </ul> | <ul style="list-style-type: none"> <li>• Need technical support from the Dept.</li> <li>• Limited budget and one-time support</li> <li>• Under age ducks and procurement from far distance increases the mortality</li> <li>• Individual support without forming group for further technical support</li> </ul> |
| <p><b>Recommendation:</b></p> <ul style="list-style-type: none"> <li>• Provide age old and pre-vaccinated ducks to the beneficiaries</li> </ul>   |   |

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|  |
|--|
| <ul style="list-style-type: none"> <li>Promote Local Service Provider to provide essential technical support to the beneficiaries</li> </ul> |
|--|

**BWDB: Drainage Facilities Improvement (Sluice gate Repairment)**

| What went Well  | What did not work well   |
|---|--|
| <ul style="list-style-type: none"> <li>Very essential to facilitate agri crop production</li> <li>Around 2-3 lac people will be benefitted</li> </ul> | <ul style="list-style-type: none"> <li>Sluice gate Mgt. is not functional</li> <li></li> </ul> |
| <p><b>Recommendation:</b></p> <ul style="list-style-type: none"> <li>To form and make functional of Sluice gate Mgt. Committee</li> </ul>             |  |

**CPP: Training and Equipment Support to CPP Volunteers**

| What went Well  | What did not work well                             |
|---|--|
| <ul style="list-style-type: none"> <li>Roles of forest in climate risk reduction</li> <li>Relations with FD for forest Protection</li> <li>Essential equipment support</li> <li></li> </ul> | <ul style="list-style-type: none"> <li></li> </ul> |
| <p><b>Recommendation:</b></p> <ul style="list-style-type: none"> <li>Provide training on roles of coastal greenbelt in climate risk reduction to all the CPP Volunteers</li> </ul>          |  |

**CMC: Monitoring of all activities and Implementation of CRC, Climate Proof tube well, and Killa**

| What went Well   | What did not work well  |
|--|---|
| <ul style="list-style-type: none"> <li>Very effective to ensure quality works</li> <li>Sustainability of programmes</li> <li>CMC own the project</li> <li>Easy for implementation</li> </ul> | <ul style="list-style-type: none"> <li>Limited scope of activities</li> <li>No mechanism/fund for the continuation of CMC activities beyond project fund</li> <li></li> </ul> |
| <p><b>Recommendation:</b></p> <ul style="list-style-type: none"> <li>Create and provide 'Endowment Fund' to keep CMC functional beyond project period.</li> </ul>                            |   |

**Challenges for ICBAAR Project to innovate**

- Limitations in project design.
- Beneficiary number is specified while the budget is limited. Thus it is difficult to think beyond traditional practices.
- A beneficiary is eligible for one-off support. However integrated and continued support is needed for effective result.
- Landless poor people can be addressed at limited level.
- Project activities are implemented exclusively by governmental agencies and many of their local offices suffer from staff shortage.

*Phani*  
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**The project Component wise lessons are as follows:**

**Component-1:** Increase resilience of local communities through diversification of their livelihood and diversification of plant species in coastal greenbelts;

**a) Climate Resilient Agriculture**

**Lesson-1**

**Strength:** Adaption of new crop species; eg Sunflower, Soyabean, Meize, As Salt loving crop, Introduction of

Draught tolerant crop as Barly.

**Weakness:** Inadequate knowledge and lack interest about new technology adoption, Market linkage problem,

**Recommendations:** Awareness build up through training, demonstration, field day, exposure visit,

**Lesson-2**

**Strength:** Climate smart latest varieties eg; saline tolerant rice variety eg-BRRI Dhan-47,55, 74, drought tolerant

rice variety eg; BRRI Dhan-58, flood tolerant rice variety eg BRRI Dhan-52, 75, 75, 82, , short life duration variety BINA-7, 8, 17.

**Weakness:** Inadequate knowledge and lack interest about new technology adoption, Market linkage problem

**Recommendations:** Awareness build up through training, demonstration, field day, exposure visit,

**Lesson-3**

**Strength:** Introduction of mixed fruit orchard with new fruit species and latest varieties eg; Dragon fruit, Year round Mango, Guava, Sofeda, Malta,

**Weakness:** Awareness build up through training, demonstration, field day, exposure visit,

**Recommendations:** Awareness build up through training, demonstration, field day, exposure visit,

**Lesson-4**

**Strength:** Climate smart new technology eg; vegelable cultivation in sac, floating vegetable garden, 3 layer homestead vegetable garden,

**Weakness:** Awareness build up through training, demonstration, field day, exposure visit,

**Recommendations:** Awareness build up through training, demonstration, field day, exposure visit,

**Lesson-5**

**Strength:** Soil health conservation practices like vermicompost, FYM culture

**Weakness:** Awareness build up through training, demonstration, field day, exposure visit,

**Recommendations:** Awareness build up through training, demonstration, field day, exposure visit,

**Sustainability:**

**Strength:** SAAO , field team and trained community.

**Weakness:** Natural calamities, Lack of vehicles,

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**Recommendations:** Continuous Monitoring, Permanent group formation

b) Climate Resilient Livestock

**Lesson-1 (Introduction of new climate Species duck like khaki campbel /Zendingduck)**

**Strength:** High Production and market demand high

**Weakness:** Not available in our working area

**Recommendations:** Awareness building for adopt new technology

**Lesson-2 (Pigeon rearing)**

**Strength:** High market demand of squad

**Weakness:** High migration rate

**Recommendations:** Awareness building for adopt new technology and also ensure vaccination

**Lesson-3 (Sheep/Black Bengal Goat)**

**Strength:** High market demand of meat, Less disease susceptibility, Less take care

**Weakness:** PPR disease susceptibility high

**Recommendations:** Awareness building for adopt new technology and also ensure vaccination

**Lesson-4 (Sonali hen rearing)**

**Strength:** High egg production, high demand of meat as like deshi hen

**Weakness:** Locally not available

**Recommendations:** Awareness building for adopt new technology and also ensure vaccination.

**Lesson-5 (Broiler Rearing)**

**Strength:** High market demand, high Profitable, short duration

**Weakness:** Chick not available

**Recommendations :** Awareness building for adopt new technology and also ensure vaccination

c) Climate Resilient fisheries

**Lesson-1 Introduction of new salt tolerant fish species (Pangus)**

**Strength:** High growth rate, less mortality, disease resistance, market Demand, salinity tolerant, expert Manpower

**Weakness:** Quality Seed, quality Feed, high price of feed

**Recommendations:** Nursery Establishment, increase budget, exchange visit

**Lesson-2: Introduction of new salt tolerant fish species cultivable 2/3 times (Tilapia)**

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**Strength:** High growth rate (2/3 times per year), less mortality, disease resistance, market Demand, salinity

tolerant

**Weakness:** Single species, hinder growth of other species

**Recommendations:** Training, publicity, field day

**Lesson-3: Introduction New technology (Crab culture/cage culture/Sorjan Fish farming/Tengra-Gulsha)**

**Strength:** Fish Growth rate high, availability of suitable condition, security, monitoring, less wastage of feed, less

wastage of space

**Weakness:** Initial set up cost high, regular monitoring fish species, natural disaster, all types of fry is not available

**Recommendations:** Field day, regular monitoring, more groups formed

**Lesson-4: (Remote area)**

**Strength:** Scope to work, interested people, proper use of unused pond

**Weakness:** Far away from headquarter, no vehicles support, communication problem

**Recommendations:** Ensure transportation and monitoring facilities, water quality kit box distribution

**Lesson-5: Training**

**Strength:** Practical training on fish culture, active participation, various fish culture

**Weakness:** Long duration, less use of flip chart, poster and other materials

**Recommendations:** Training schedule should be rearranged, introduction session after training

**Sustainability:**

**Strength:** AIG and coastal people benefit

**Weakness:** Support is given for one time, natural hazards

**Recommendations:** Continuation for at least two or three years

**Component-2:** Promote community stewardship of coastal greenbelt through establishment of co-management and linking that to local people's livelihood through access and benefit-sharing mechanism;

d) Diversified Mangrove plantation

| Lessons  | Strength                      | Weakness  | Recommendations                                      |
|----------|-------------------------------|---|--|
| Lesson-1 | Diversified mangrove species  | Deer and cattle grazing prominent which may hamper plantation | Fencing for protection from deer and cattle grazing  |
| Lesson-2 | Ensuring continuous greenbelt | Selection of plant species                                    | Refreshers training needed to ensure expert manpower |
| Lesson-3 | Biodiversity being enriched   | Limited budget for plant Protection and vacancy filling       | Adequate budget for fencing                          |

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|                |   |                                   |   |
|----------------|---|-----------------------------------|---|
| Lesson-4       | Wildlife habitat enriched                   | No watcher for plant protection   | Hiring of plant watchers                                    |
| Lesson-5       | Carbon sequestration                        | No budget for monitoring          | Allocating enough budget for monitoring                     |
| Lesson-6       | Enhanced succession of plant and vegetation | Costly and time-bound seed source | Timely and sufficient budget allocation for seed collection |
| Sustainability | Plants' diversity ensuring sustainability   |                                   |   |

a) Forest, Fish and Fish (FFF Model)

| Lessons        | Strength   | Weakness  | Recommendations                        |
|----------------|--|---|--|
| Lesson-1       | Multiple usage of land                           | Insufficient budget                                     | Sufficient budget needed               |
| Lesson-2       | Productive and protective model                  | Inconsistent design in some cases                       | Corrections needed in design           |
| Lesson-3       | Diversified and sustainable livelihood option    | Vegetable plantation hampered by high level of salinity |  |
| Lesson-4       | Short, medium and long-term resource generation  | No budget for Physical fencing                          | Budget allocation for physical fencing |
| Lesson-5       | Fallow land being converted into productive land | No maintenance budget for dyke management               | Maintenance budget allocation          |
| Lesson-6       |  | Land scarcity and lack of community engagement          |  |
| Sustainability | People's Participation ensures sustainability    |   |  |

b) Co-Management & Forest Resource Protection Group (FRPG)

| Lessons  | Strength  | Weakness                                    | Recommendations                                    |
|----------|---|---|--|
| Lesson-1 | Awareness buildup   | No revolving fund for sustainability of CMC | Ensuring budget and remuneration                   |
| Lesson-2 | Illegal logging curbed  | No remuneration for patrolling of FRPG      | Ensuring remuneration for patrolling               |
| Lesson-3 | Local people being involved in forest protection                          | No logistic support for FRPG people.        | Vehicle and logistics for FRPG people              |
| Lesson-4 | Encroachment of forest being reduced                                      | Limited budget for FRPG people livelihood   | Ensuring livelihood facilities for the FRPG people |
| Lesson-5 | Dependence on forest reduced through Alternative Income Generation (AIG). | Hard-to-manage group size of the FRPG       | The group size needs to be reduced                 |

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|                |  |                           |                       |
|----------------|--|---------------------------|-----------------------|
| Lesson-6       | Effective monitoring through CMC and effective coordination among people, forest department and local administration ensured | Huge number of FRPG group | Reduced group numbers |
| Sustainability | Government's order ensures sustainability.   |                           |                       |

c) Benefit Sharing Mechanism

| Lessons        | Strength  | Weakness   | Recommendations   |
|----------------|---|--|---|
| Lesson-1       | Scope of fishing increases with increased forestation | Limited scope of profit sharing  | Benefit sharing not feasible for coastal forest areas due to remoteness from community people |
| Lesson-2       | Scope of harvesting non-timber forest product         | Limited income generation  |   |
| Lesson-3       |   | Establishment of benefit sharing for hard to reach islands forest areas is difficult |   |
| Sustainability |   |  |   |

**Component-3:** Protect communal livelihood assets of local people from extreme weather events through effective early warning and disaster preparedness planning

a) Cyclone Preparedness Programme (CPP)

| Lessons                        | Strength   | Weakness  | Recommendations  |
|--------------------------------|--|---|--|
| <b>Lesson-1- CPP Volunteer</b> | <ul style="list-style-type: none"> <li>• Have much Volunteer</li> <li>• Maximum are pro-active</li> </ul>  | <ul style="list-style-type: none"> <li>• All are not included in the Capacity building training</li> <li>• Some volunteer position are vacant due to they are lives in out of villages</li> </ul>                                   | <ul style="list-style-type: none"> <li>• Need to include all volunteer under training programme</li> <li>• Need to include new member to fill-up the vacancy</li> <li>• It is better to ensure the participation of CPP volunteers in enrichment plantation work</li> </ul>  |
| <b>Lesson-2- Training</b>      | <ul style="list-style-type: none"> <li>• Already ongoing training programme for 6000 CPP Volunteer</li> <li>• Have expert trainer/facilitator</li> <li>• All volunteer has too much</li> </ul> | <ul style="list-style-type: none"> <li>• All are not included the Capacity building training</li> <li>• Training duration is too short for enough sharing</li> <li>• Shortage of budget</li> <li>• Shortage of logistics</li> </ul> | <ul style="list-style-type: none"> <li>• Need to include all volunteer under training programme</li> <li>• Need to enhance the training duration from one day to two days</li> <li>• Need to Issue wise group training like 1. Basic, 2. Rescue and 3. First aid training specially for women volunteer</li> <li>• Need to training for UZDMC, UDMC,etc</li> </ul> |

*Alan*  
10/04/2020

|  |  |  |  |
|--|--|--|--|
|  | interest for training  |  |  |
| <b>Lesson-3-<br/>Community Awareness Programme</b> | <ul style="list-style-type: none"> <li>All CPP volunteers are aware about emergence response</li> <li>Some Community also aware</li> </ul> | <ul style="list-style-type: none"> <li>Some community radio center is inactive</li> </ul>  | <ul style="list-style-type: none"> <li>Need to arrange the School awareness programme</li> <li>Need to arrange Imam, Social leader and another local elite person's awareness programme</li> <li>Need to active all inactive Community radio center</li> <li>Need VHF station</li> <li>Need to arrange some awareness programme like-Rally, Drama, Mock drill, etc.</li> </ul> |
| <b>Lesson-4-<br/>Input distribution</b>            | <ul style="list-style-type: none"> <li>Supplied Input well and good. Also supportive for emergency response</li> </ul>                     | <ul style="list-style-type: none"> <li>Some equipment is too much old and unfit for use</li> <li>Have not enough vehicle for emergency response</li> </ul> | <ul style="list-style-type: none"> <li>Need to provide First aid kit box</li> <li>Need to more vehicle support for emergency response</li> <li>Need to driver with vehicle for during emergency news expansion and rescue</li> <li>Need more equipment like-Rain coat, Gumboot, Hard head, Bi-Cycle for CPP volunteer</li> </ul>   |
| <b>Lesson-5-</b>                                   |  |  |  |
| <b>Sustainability</b>                              |  |  | <ul style="list-style-type: none"> <li>Need to emergency support fund for all-time support</li> </ul>  |

b) Infrastructure (Sluiceways) /Canal re-excavation

| Lessons                       | Strength   | Weakness  | Recommendations  |
|-------------------------------|--|---|--|
| Lesson-1- Canal re-excavation | <ul style="list-style-type: none"> <li>Useful for irrigation</li> <li>Reduce the water logging</li> <li>Control the salinity of water</li> </ul> | <ul style="list-style-type: none"> <li>During the canal re-excavation time some nearest community come under excavation, as a result dispute arises in the area</li> <li>The local community people suffer due to this that lead to legal problems</li> <li>Sometimes musclemen try to develop fish cultivation by blocking canal. It's too much difficult for eviction from there</li> </ul> | <ul style="list-style-type: none"> <li>Need support from Land department for demarcation of land</li> </ul>  |
| Lesson-2- Sluiceways          | <ul style="list-style-type: none"> <li>Have some sluice gate in Project working area</li> <li>Control water logging</li> </ul>                   | <ul style="list-style-type: none"> <li>some sluice gate is broken and non-functioning</li> <li>Some area has no sluice gate</li> </ul>  | <ul style="list-style-type: none"> <li>Need support from Land department</li> <li>Sluiceway management committee of the BWDB can be made active</li> </ul> |

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15/02/2020

|                |   |  |  |
|----------------|---|--|--|
|                | <ul style="list-style-type: none"> <li>• Can be used as per need for irrigation and fishing</li> <li>• Control tidal surge</li> </ul> |  | through proper training and motivation |
| Sustainability | <ul style="list-style-type: none"> <li>• Need to active and trained up the Sluice gate Management committee</li> </ul>                |  |  |

## 2. Killa Construction

| Lessons        | Strength   | Weakness   | Recommendations  |
|----------------|--|--|--|
| Lesson-1       | <ul style="list-style-type: none"> <li>• Have some khash land of Land department and Forest department</li> <li>• It is easier to manage by CMC</li> </ul> | <ul style="list-style-type: none"> <li>• Have no easy access for khash land use permission</li> <li>• Some Khash land are under control of muscle man</li> </ul> | <ul style="list-style-type: none"> <li>• Need to ensure the support of land and Forest department and NOC</li> </ul> |
| Sustainability | <ul style="list-style-type: none"> <li>• Need to grant support for CMC account for future management and Active supervision</li> </ul>                     |  |  |

*Elan*

10/02/2020

## PROJECT MONITORING AND EVALUATION PLAN - 2020

## ICBAAR PROGRAMME

|                            |   |
|----------------------------|---|
| Project Title and Duration | : Integrating Community-based Adaptation into Afforestation and Reforestation Programmes in Bangladesh (ICBAARP); July 2016 – June 2020   |
| Project ID (Atlas)         | 00087558  |
| CPD Outcome/Output         | : (CPD Outcome 3) Enhance effective management of the natural and man-made environment focusing on improved sustainability and increased resilience of vulnerable individuals and groups.<br>(Output 3.1) Government institutions have improved capacities, and institutional and legal frameworks to respond to and ensure resilient recovery from earthquakes, weather extremes, and environmental emergencies<br>Indicator 3.1.3. Number of women and men with increased resilience at the household and community level.  |
| UNDAF Output               | : (UNDAF Outcome-2) Enhance effective management of the natural and manmade environment focusing on improved sustainability and increased resilience of vulnerable individuals and groups.<br>(UNDAF Output 2.2) Enhance effective management of the natural and manmade environment focusing on improved sustainability and increased resilience of vulnerable individuals and groups.   |
| SP Outcome/Output          | : (SP Outcome 1) Growth and development are inclusive and sustainable, incorporating productive capacities that create employment and livelihoods for the poor and excluded<br>(SP Output 1.3) Solutions developed at national and sub-national levels for sustainable management of natural resources, ecosystem services, chemicals and waste   |
| SDG Goal/Target            | : (SDG Goal 13) Take urgent action to combat climate change and its impacts<br>(Target 13.1) Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries<br>(SDG Goal 15) Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss<br>(Target 15.2) By 2020, promote the implementation of sustainable management of all types of forests, halt deforestation, restore degraded forests and substantially increase afforestation and reforestation globally |

## PROJECT MONITORING AND EVALUATION PLAN - 2020

## ICBAAR PROGRAMME

**Expected Outcome 1: Vulnerability of communities in new afforestation and reforestation sites reduced through diversified livelihood options and more effective greenbelts**

**Expected Output 1.1: Community-based adaptation and livelihood diversification measures are integrated with baseline afforestation and reforestation activities in 4 districts.**

| Project Output Indicators   | Baseline (Year)                    | Target (Year)                    | Progress Against Target (M/Y)* | Data Collection Methods (M&E Activities)  | Means of Verification (data sources)                              | Frequency | Responsibilities     | Resources (M&E Cost)  | Assumptions and Risks  |
|---|------------------------------------|----------------------------------|--------------------------------|---|---|-----------|----------------------|---|--|
| 1.1.1. Beneficiary Selection for livelihood diversification activities and collect their socio-economic baseline data.  | 2157 Male<br>2158 Female<br>(2019) | 300 Male<br>340 Female<br>(2020) | -                              | Review of beneficiary list approved by UNO  | Upazilla wise beneficiary lists approved by concern UNO           | Annually  | CDA, M&E Officer     | No separate fund allocated, costs will be covered from meeting, workshop and travel costs | Selection of more than one beneficiary from same house hold in case local people do not give proper information. Possibility of inclusion of non-target people due to political influence. |
| 1.1.2 Construction of ditch and dyke structure of Fish-Fruit-Forest (FFF) model   | 28 ha<br>(2019)                    | 07 ha.<br>(360 HHS)              | -                              | Field visit, review of field office report  | List of sites agreed by BFD and project, field office report      | Quarterly | PM, M&E Officer, CDA |   | Availability of suitable land, inundation of selected sites during spring tide   |
| 1.1.3 Livelihood diversification through FFF model-based livelihood training and input support  | (140 HHS<br>(2019)                 | 360 HHS<br>(2020)                | -                              | Review of agreement signed between beneficiary and BFD, Review of list of benefit recipients, discussion with beneficiary | Agreement paper, list of benefit recipients, field office report. | Quarterly | CDA, M&E Officer     |   | Natural disaster, disease of crops, plants and livestock, invasion of pests.   |
| 1.1.4 Livelihood diversification through training and input support for agriculture-based options (e.g., cultivation of saline tolerant rice variety, mixed fruit orchard, vegetables, pulses, fish-rice rotation etc.) | 250 Male<br>250 Female<br>(2019)   | Male 150<br>Female 190           | -                              | Review of agreement signed between beneficiary and BFD, Review of list of benefit recipients, discussion with beneficiary | Agreement paper, list of benefit recipients, field office report. | Quarterly | CDA, M&E Officer     |   | Availability of land of climate vulnerable local people, disease of crops.   |

## PROJECT MONITORING AND EVALUATION PLAN - 2020

## ICBAAR PROGRAMME

| Project Output Indicators   | Baseline (Year)                  | Target (Year) | Progress Against Target (M/Y) * | Data Collection Methods (M&E Activities)  | Means of Verification (data sources)                              | Frequency | Responsibilities             | Resources (M&E Cost) | Assumptions and Risks  |
|---|----------------------------------|---------------|---------------------------------|---|---|-----------|------------------------------|----------------------|--|
| 1.1.5 Livelihood diversification through training and input support for livestock rearing options (e.g., by improved variety pigeon rearing, duck farming etc.) | 410 Male<br>410 Female<br>(2019) | -             | -                               | Review of agreement signed between beneficiary and BFD, Review of list of benefit recipients, discussion with beneficiary | Agreement paper, list of benefit recipients, field office report. | Quarterly | CDA, M&E Officer             | Do                   | Disease of livestock, availability of enough number of duck of appropriate age and weight, invasion of pest. |
| 1.1.6 Livelihood diversification through fisheries options (e.g., fish culture, small-scale crab farming)   | 350 Male<br>350 Female<br>(2019) | 300           | -                               | Review of agreement signed between beneficiary and BFD, Review of list of benefit recipients, discussion with beneficiary | Agreement paper, list of benefit recipients, field office report. | Quarterly | CDA, M&E Officer             | Do                   | Availability of suitable pond at the passion of poor local people.   |
| 1.1.7 Livelihood diversification through training and input support for innovative livelihood options   | 600 HHs                          | -             | -                               | Review of agreement signed between beneficiary and BFD, Review of list of benefit recipients, discussion with beneficiary | Agreement paper, list of benefit recipients, field office report. | Quarterly | CDA, M&E Officer             |                      | Acceptability of innovative options by local people. Timely recruitment of NGO.                              |
| 1.1.8 Organize at least two national and local level knowledge sharing workshop on the successful demonstrations of investments under this Output               | 1<br>(2019)                      | 2<br>(2000)   | -                               | Review of workshop proceedings  | Workshop invitation letter, proceedings, participant lists        | Annually  | Project Manager, M&E Officer |                      | -  |

## PROJECT MONITORING AND EVALUATION PLAN - 2020

## ICBAAR PROGRAMME

| Project Output Indicators | Baseline (Year) | Target (Year) | Progress Against Target (M/Y)* | Data Collection Methods (M&E Activities) | Means of Verification (data sources) | Frequency | Responsibility | Resources (M&E Cost) | Assumptions and Risks |
|---------------------------|-----------------|---------------|--------------------------------|--|--------------------------------------|-----------|----------------|----------------------|-----------------------|
|---------------------------|-----------------|---------------|--------------------------------|--|--------------------------------------|-----------|----------------|----------------------|-----------------------|

*Expected Output 1.2:* Diversified trial plantations of up to 10 mangrove and non-mangrove varieties established in 4 districts to increase the adaptive capacity of greenbelt structures on accreted lands.

|  |                          |          |   |  |                                 |                |                                 |   |  |
|--|--------------------------|----------|---|--|---------------------------------|----------------|---------------------------------|---|--|
| 1.2.1. Selection and preparation of mixed species afforestation site   | 650 ha. (2019)           | -        | - | Field visit                                | Field office report             | Annually       | Assistant, CDA, M&E Officer     | No separate fund allocated, costs will be covered from meeting, workshop and travel costs | A availability of suitable site near human settlement where people will receive livelihood support |
| 1.2.2. Establish mangrove nursery and raise mangrove seedlings   | 396,000 seedlings (2019) | -        | - | Seedling counting, Field visit             | Field office reports, documents | Annually       | Assistant, CDA, M&E Officer     |   | A availability of sufficient number of seeds of diversified species                                |
| 1.2.3 Carryout mixed species enrichment plantation   | 650 ha. (2019)           | -        | - | Field visit, Review of Field office report | Field office report             | Quarterly      | Assistant, CDA, M&E Officer     |   | Availability of seedling and labour, timely implementation considering remoteness of the sites     |
| 1.2.4 Develop and implement a monitoring plan for the systematic assessment of the impact of enrichment plantations in older plantations where some diversification has already been trialed, such as those under CBACC. | 1 Site (2019)            | -        | - | Review of consultant/ assessment report    | Assessment report               | Annually/ Once | Assistant, CDA, M&E Officer, PM |   | A availability of skill expert to carry out the assessment   |
| 1.2.5 Analyze and synthesize key findings on options for strengthening natural resilience and economic value of coastal forest from systematic assessment of mixed species trials and diversified plantations for        | TBD (2019)               | 1 (2000) | - | Review of analysis and synthesis report    | analysis and synthesis report   | Annually/ Once | Project Manager, M&E Officer    | D0  | -  |

## PROJECT MONITORING AND EVALUATION PLAN - 2020

## ICBAAR PROGRAMME

| Project Output Indicators  | Baseline (Year) | Target (Year) | Progress Against Target (M/Y) * | Data Collection Methods (M&E Activities)  | Means of Verification (data sources)                            | Frequency      | Responsibilities             | Resources (M&E Cost)  | Assumptions and Risks   |
|--|-----------------|---------------|---------------------------------|---|---|----------------|------------------------------|---|---|
| wider dissemination and replication.   |                 |               |                                 |   |   |                |                              |   |   |
| <b>Expected Outcome 2: Strengthened community involvement in, and ownership of, forestry-based adaptation and climate risk reduction programmes</b>  |                 |               |                                 |   |   |                |                              |   |   |
| <b>Expected Output 2.1: Existing systems of participatory natural resource management applied to strengthen the climate resilience of coastal afforestation/ reforestation programmes</b>                  |                 |               |                                 |   |   |                |                              |   |   |
| 2.1.1. Finalize the structure of the CMCs <sup>1</sup>   | 3 (2019)        | -             |                                 | Review of govt. orders and office order   | Govt. orders and office order                                   | Annually/ Once | Project Manager, M&E Officer | No separate fund allocated, costs will be covered from meeting, workshop and travel costs | Delay in government procedure to approve CMC structure and produce official order |
| 2.1.2. Finalize the structure of the FRPGs <sup>2</sup>  | 3 (2019)        | -             |                                 |   |   |                |                              |   |   |
| 2.1.2. Mobilize local communities to form 40 FRPGs in sites targeted for forest-benefit sharing identified under output 2.2  | 20 FRPGs (2019) | -             |                                 | Review of FRPG meeting minutes and participant lists  | FRPG meeting minutes and participant lists, Field office report | Quarterly      | Assistant, CDA, M&E Officer  |   | Finding suitable community near coastal mangrove forest                           |
| 2.1.3. Develop and agree rules for FRPG membership and operation, including decision-making processes, roles and responsibilities of members, engagement with CMCs, monitoring and reporting. <sup>3</sup> | 5 (2019)        | -             |                                 | Review of FRPG rules/ constitution  | FRPG rules/ constitution  | Annually/ Once | Project Manager, M&E Officer |   | -   |
| 2.1.4. Support formation of CMCs   | 8 CMCs (2019)   | -             | -                               | Review of CMC meeting minutes and participant lists, Discussion with Upazila Administration | CMC meeting minutes and participant lists, Field office report  | Quarterly      | Project Manager, M&E Officer | No separate fund allocated, costs will be covered from meeting, workshop and travel costs | Pro-activeness of UNOs  |

<sup>1</sup> Scale from 0 to 3; 1<sup>st</sup> point: Develop draft structure; 2<sup>nd</sup> point: Collect stakeholder comments and finalization of the structure; 3<sup>rd</sup> point: Approval by PSC/MoEF;

<sup>2</sup> Scale from 0 to 3; 1<sup>st</sup> point: Develop draft structure; 2<sup>nd</sup> point: Collect stakeholder comments and finalization of the structure; 3<sup>rd</sup> point: Approval by PSC/MoEF;

<sup>3</sup> Scale from 0 to 3; 1<sup>st</sup> point: Develop draft rules/constitution; 2<sup>nd</sup> point: Collect stakeholder comments and finalization of the rules/constitution; 3<sup>rd</sup> point: Approval by PSC/PB/MoEF;

## PROJECT MONITORING AND EVALUATION PLAN - 2020

## ICBAAR PROGRAMME

| Project Output Indicators   | Baseline (Year)                                  | Target (Year)                            | Progress Against Target (M/Y) * | Data Collection Methods (M&E Activities)                      | Means of Verification (data sources)  | Frequency      | Responsibility               | Resources (M&E Cost) | Assumptions and Risks  |
|---|--|--|---------------------------------|---|---|----------------|------------------------------|----------------------|--|
| 2.1.5. Develop and agree rules for CMC membership and operation, including decision-making processes, roles and responsibilities of members, engagement with FRPGs, engagement with upazila Disaster Management Committees and monitoring and reporting. <sup>4</sup> | 4 (2019)   | -  | -                               | Review of CMC rules/Operation and Management system           | Document depicting operation and management system, Field office report     | Annually/ Once | Project Manager, M&E Officer |                      | -  |
| 2.1.6. Organize trainings targeting all 8 CMCs on benefit-sharing agreement, inter-sectoral dialogues on the management of coastal greenbelts, and management needs.  | 8 training (2019)                                | 8 training                               | -                               | Review of awareness and understanding level assessment report | Pre and post training assessment report, Participant lists, training module | Annually/ Once | Assistant, CDA, M&E Officer  |                      | Education level of CMC members to understand the concept                         |
| 2.1.7. Arrange regular meetings between FRPGs and CMCs, and report back to national level project technical working group established under Output 2.2  | FRPG meeting (as per need) 24 CMC meeting (2019) | FRPG meeting (as per need) 8 CMC meeting |                                 | Review of meeting minutes and participant list.               | minutes and participant list, field office report                           | Quarterly      | Assistant, CDA, M&E Officer  |                      | Availability of local community members and CMC members to hold regular meeting. |
| 2.1.8 Draft an official policy (e.g. a Government Order) detailing structure, functions, decision-making and monitoring processes of FRPGs and CMCs for   | 5 (2019)   | -  |                                 | -   | -   | -              | -                            | Do                   | -  |

<sup>4</sup> Scale from 0 to 3: 1<sup>st</sup> point: Develop draft rules/constitution; 2<sup>nd</sup> point: Collect stakeholder comments and finalization of the rules/constitution; 3<sup>rd</sup> point: Approval by PSC/PB;

## PROJECT MONITORING AND EVALUATION PLAN - 2020

## ICBAAR PROGRAMME

| Project Output Indicators   | Baseline (Year) | Target (Year) | Progress Against Target (M/Y)* | Data Collection Methods (M&E Activities)                                 | Means of Verification (data sources) | Frequency      | Responsibilities                | Resources (M&E Cost)  | Assumptions and Risks                          |
|---|-----------------|---------------|--------------------------------|--|--------------------------------------|----------------|---------------------------------|---|--|
| issuance to be adopted by the GoB <sup>5</sup>  |                 |               |                                |  |                                      |                |                                 |   |  |
| <b>Expected Output 2.2: A forest product benefit sharing agreement between coastal communities and national government developed and adopted</b>  |                 |               |                                |  |                                      |                |                                 |   |  |
| 2.2.1 Establish a technical working group to develop a draft forest product benefit-sharing agreement for coastal plantations.  | 0 (2019)        | -             | -                              | Review of official order, meeting minutes of the technical working group | Official order, meeting minutes      | Annually/ Once | Project Manager, M&E Officer    | No separate fund allocated, costs will be covered from meeting, workshop and travel costs | -  |
| 2.2.2 Develop forest benefit-sharing agreements with individual FRPGs that specify details of benefits to be shared, when, where, how, etc. and also define the roles and responsibilities of the different parties to the agreement. | 0 (2019)        | -             | -                              | Review of agreement signed between FRPGs and FD                          | Agreement document                   | Quarterly      | Project Manager, M&E Officer    | Some of the FRPGs may not be located adjacent to mangrove forest                          |  |
| 2.2.3 Test, monitor and evaluate forest benefit-sharing agreements in selected sites in terms of actual usage, type of benefits accrued, and any issues that are observed and need to be addressed.                                   | 0 (2019)        | -             | -                              | Review of evaluation report, discussion with FD staff and beneficiaries  | Evaluation report                    | Annually/ Once | Project Manager, M&E Officer    | Capacity and commitment of FD staff for effective application of the agreement            |  |
| 2.2.4. Analyze and synthesize results and lessons learned from demonstration forest benefit sharing under this Output and from assessments conducted under Output 1.2   | 0 (2019)        | -             | -                              | Review of the analysis & synthesis report, recruitment of consultant     | Analysis & synthesis report          | Annually/ Once | Project Manager, M&E Specialist | No separate fund allocated, costs will be covered from meeting, workshop and travel costs | The quality of the report will be dependent on |

<sup>5</sup> Scale from 0 to 3: 1<sup>st</sup> point: Develop draft policy; 2<sup>nd</sup> point: Collect stakeholder comments and finalization of the policy; 3<sup>rd</sup> point: Approval by PSC/PB/MoEF;

## PROJECT MONITORING AND EVALUATION PLAN - 2020

## ICBAAR PROGRAMME

| Project Output Indicators  | Baseline (Year)            | Target (Year) | Progress Against Target (M/Y)* | Data Collection Methods (M&E Activities)                              | Means of Verification (data sources)                   | Frequency | Responsibility Titles                          | Resources (M&E Cost)  | Assumptions and Risks  |
|--|----------------------------|---------------|--------------------------------|---|--|-----------|--|---|--|
| on mixed species diversification of coastal plantations. <sup>6</sup>  |                            |               |                                |   |  |           |  |   |  |
| 2.2.5 Facilitate broader policy discussions at subnational and national level on draft notification on forest product benefit-sharing in coastal plantations (Year 2-4).   | 0 (2019)                   | -             |                                | Review of workshop proceedings  | Workshop proceedings                                   | Quarterly | Project Manager, M&E Specialist                |   | -  |
| <b>Expected Output 2.3: Awareness and capacity of local communities and government staff to promote coastal greenbelt co-management and benefit sharing improved</b>   |                            |               |                                |   |  |           |  |   |  |
| 2.3.1. Conduct capacity needs assessment of FRPGs and CMCs.  | 20 FRPG<br>8 CMC<br>(2019) | -             | -                              | Review of capacity need assessment report                             | Capacity need assessment report, NGO's Progress report | Quarterly | Assistant, CDO, M&E Specialist                 | No separate fund allocated, costs will be covered from meeting, workshop and travel costs | -  |
| 2.3.2. Develop and implement targeted awareness generation and training programmes for FRPGs and CMCs relevant to local coastal forest context including components on adaptive role of coastal forests, co-management and forest-benefit-sharing principles and mechanisms. | 20 FRPG<br>8 CMC<br>(2019) | -             | -                              | Check the level of awareness of FRPG and CMC members                  | Pre and post evaluation report                         | Quarterly | Assistant, CDO, Comms. Officer, M&E Specialist |   | Literacy level of FRPG members to participate an effective evaluation. |
| 2.3.4 Facilitate peer-to-peer exchange and learning between project FRPGs and CMCs and beneficiaries and other key stakeholders from USAID project sites where   | 2 events<br>(2019)         | 2<br>(2020)   | -                              | Review of exchange visit report, discussion with FRPG and CMC members | Exchange visit report, field office report             | Quarterly | CDO, M&E Specialist                            | No separate fund allocated, costs will be covered from meeting, workshop and travel costs | -  |

<sup>6</sup> Scale from 0 to 4: 1<sup>st</sup> point: Recruitment of consultant; 2<sup>nd</sup> point: Develop draft analysis and synthesis report; 3<sup>rd</sup> point: Finalization of analysis and synthesis report; 4<sup>th</sup> point: Communicate the report to the appropriate stakeholders;

## PROJECT MONITORING AND EVALUATION PLAN - 2020

## ICBAAR PROGRAMME

| Project Output Indicators  | Baseline (Year)             | Target (Year) | Progress Against Target (M/Y)* | Data Collection Methods (M&E Activities)             | Means of Verification (data sources) | Frequency | Responsibilities                            | Resources (M&E Cost)                              | Assumptions and Risks                                  |
|--|-----------------------------|---------------|--------------------------------|--|--------------------------------------|-----------|---|---|--|
| co-management and benefit-sharing have been successfully demonstrated.   |                             |               |                                |  |                                      |           |   |   |  |
| 2.3.5 In consultation with USAID, design and produce awareness materials on a coastal forest benefit-sharing agreement   | 0 (2019)                    | -             |                                | Review of awareness materials                        | Communication report                 | Quarterly | Comms. Officer, M&E Officer                 |   | -  |
| <b>Expected Outcome 3: Communal livelihood assets in afforestation and reforestation sites are protected from extreme climate events through effective early warning and preparedness planning</b>                         |                             |               |                                |  |                                      |           |   |   |  |
| <b>Expected Output 3.1: Strengthened CPP network capacity for effective early warning communications for extreme climate events in coastal afforestation sites.</b>  |                             |               |                                |  |                                      |           |   |   |  |
| 3.1.1. Review the beneficiary selection criteria, jointly with CRPAR project/AF and CDMP, and finalize the combined criteria for FRPG and CPP volunteer membership <sup>7</sup>  | 2 (2019)                    | -             |                                | Review of draft and final set of membership criteria |                                      |           |   |   | -  |
| 3.1.2. Design the climate change adaptation and coastal forest components of awareness raising activities to be integrated into the CPP, including the face-to-face training (manual) and awareness materials <sup>8</sup> | 1 Poster or Brochure (2019) | -             | -                              | Assess the level of awareness                        | Assessment report                    | Quarterly | Assistant, CDA, Comms. Officer, M&E Officer |   | -  |
| 3.1.3 Finalize an agreement (MoU) with CDMP-II (or CPP) on the specific locations  | 0 (2019)                    | -             | -                              |  |                                      |           |   | No separate fund allocated, costs will be covered | CDMP II expired. CPP may be the appropriate authority. |

<sup>7</sup> Scale from 0 to 2: 1<sup>st</sup> point: Develop the draft membership criteria, 2<sup>nd</sup> point: Finalize the membership criteria.

<sup>8</sup> Scale from 0 to 2: 1<sup>st</sup> point: Identify materials and information to be incorporated; 2<sup>nd</sup> point: Develop materials;

## PROJECT MONITORING AND EVALUATION PLAN - 2020

## ICBAAR PROGRAMME

| Project Output Indicators  | Baseline (Year)                                | Target (Year) | Progress Against Target (M/Y)* | Data Collection Methods (M&E Activities)   | Means of Verification (data sources)   | Frequency | Responsibility               | Resources (M&E Cost)                    | Assumptions and Risks   |
|--|--|---------------|--------------------------------|--|--|-----------|------------------------------|---|---|
| and target groups of the training programs <sup>9</sup>  |  |               |                                |  |  |           |                              | from meeting, workshop and travel costs |   |
| 3.1.4 Finalize an agreement with CDMP-II and MoDMR (CPP) about the expansion plan into Rangabali Upazila. <sup>10</sup>  | N/A (2019)                                     | -             | -                              |  |  |           |                              |   | Note: The activity is already achieved through other effort of the government |
| 3.1.5 Identify and procure gears and communication equipment <sup>11</sup>   | Done as per agreement with CPP (2018)          | -             | -                              | Review of list of identified equipment approved by DDM, Distribution report, Discussion with DDM | List/ specification of equipment produce by consultant, distribution report, DDM | Annually  | Project Manager, M&E Officer |   | -   |
| 3.1.6 Carry out a quantitative assessment during mock drills to obtain the level of outreach of early warning information  | 1 (2019)                                       | -             | -                              | Review the outreach level  | Mock drill assessment report   | Quarterly | Project Manager, M&E Officer |   | -   |
| <b>Expected Output 3.2: Communal livelihood assets in new afforestation and reforestation sites are protected from extreme climate events through dedicated disaster preparedness and risk reduction measures.</b> |  |               |                                |  |  |           |                              |   |   |
| 3.2.1. Confirm sites identified during preparatory phase for climate-proofing freshwater wells and handpump, new killas and improved drainage are strategic and practical in terms of numbers of                   | Site for 20 sluice gates, 150 Tube-well (2019) | -             |                                | Field level measurement, review of field office report   | BWDB and field offices   | Quarterly | Assistant, CDA, M&E Officer  | Do                                      | -   |

<sup>9</sup> Scale from 0 to 2: 1<sup>st</sup> point: Develop a list of possible locations and target groups; 2<sup>nd</sup> point: Agree with CDMP II/CPP on the final locations and target groups;

<sup>10</sup> Scale from 0 to 2: 1<sup>st</sup> point: Develop a draft plan of expansion; 2<sup>nd</sup> point: Agree with CDMP II and MoDMR on the final plan; 3<sup>rd</sup> point: Form necessary

<sup>11</sup> Scale from 0 to 3: 1<sup>st</sup> point: Identification of quantity and types necessary equipment; 2<sup>nd</sup> point: procurement of equipment; 3<sup>rd</sup> point: Distribution of equipment;

## PROJECT MONITORING AND EVALUATION PLAN - 2020

## ICBAAR PROGRAMME

| Project Output Indicators  | Baseline (Year)                                | Target (Year) | Progress Against Target (M/Y)* | Data Collection Methods (M&E Activities)            | Means of Verification (data sources)  | Frequency | Responsibilities             | Resources (M&E Cost)  | Assumptions and Risks                                 |
|--|--|---------------|--------------------------------|---|---------------------------------------|-----------|------------------------------|---|---|
| vulnerable people who will benefit, land availability and distance from cyclone shelter in the case of killas, and severity of localized flooding in the case of drainage improvement.                                     |  |               |                                |   |                                       |           |                              |   |   |
| 3.2.2. Climate-proof freshwater wells and handpumps (concrete-lining and/or raising the platform) in at least four upazilas where there is particularly high need for this including Golachipa, Patharghata and Rangabali. | 150 Tube well (2019)                           | -             | -                              | Field visit and review of field office report       | Field office report                   | Quarterly | Assistant, CDA, M&E Officer  | No separate fund allocated, costs will be covered from meeting, workshop and travel costs | -   |
| 3.2.3. Construct killas in two upazilas close to cyclone shelters  | 4 (2019)                                       | -             | -                              | Review of MB, Field level measurement               | Measurement Book, Field office report | Quarterly | Assistant, CDA, M&E          |   | Availability of suitable land close to cyclone center |
| 3.2.4. Improve drainage along the embankment in total, distributed between selected areas prone to localized flooding.   | 12 Sluiceways, canal re-excavation TBD, (2019) | 3 km Canal    | -                              | Review of MB, Field level measurement               | Measurement Book, Field office report | Quarterly | Assistant, CDA, M&E Officer  |   | -   |
| <b>Others</b>  |  |               |                                |   |                                       |           |                              |   |   |
| Steering Committee Meeting   | 4 (2019)                                       | 1 (2020)      |                                | Review of PSC meeting minutes and participant lists | PSC meeting minutes                   | Quarterly | Project Manager, M&E Officer |   | Availability of Secretary of MoEF for the meeting     |

## PROJECT MONITORING AND EVALUATION PLAN - 2020

## ICBAAR PROGRAMME

| Project Output Indicators | Baseline (Year) | Target (Year) | Progress Against Target (M/Y)* | Data Collection Methods (M&E Activities)           | Means of Verification (data sources) | Frequency | Responsibilities             | Resources (M&E Cost) | Assumptions and Risks   |
|---------------------------|-----------------|---------------|--------------------------------|--|--------------------------------------|-----------|------------------------------|----------------------|---|
| Project Board Meeting     | 4 (2019)        | 1 (2020)      |                                | Review of PB meeting minutes and participant lists | PB meeting minutes                   | Quarterly | Project Manager, M&E Officer |                      | Availability of PB members MoEF for the meeting some of whom are based at local level |

### (SP Outcome 1) Growth and development are inclusive and sustainable, incorporating productive capacities that create employment and livelihoods for the poor and excluded

#### SP Output 1.3 Solutions developed at national and sub-national levels for sustainable management of natural resources, ecosystem services, chemicals and waste

1.3.2.A.3.1 Total number of additional people benefiting from livelihoods strengthened through solutions for management of natural resources, ecosystem services, chemicals and waste

| SP Output Indicators with code number   | Baseline (Year)                    | Target (Year) | Progress Against Target (M/Y) | Data Collection Methods (M&E Activities)   | Means of Verification (data sources)  | Frequency | Responsibilities             | Resources (Cost)  | Assumptions and Risks   |
|---|------------------------------------|---------------|-------------------------------|--|---|-----------|------------------------------|---|---|
| Number of climate vulnerable household that will adopt resilient livelihood options related to agricultural, livestock, fisheries, forestry and other innovative options. | 2157 Male<br>2158 Female<br>(2019) | 1000 (2020)   | -                             | Review of beneficiary selection report, review of beneficiary list approved by local UNO, discussion with beneficiaries and local staff of implementing partners | Beneficiary selection report, review of beneficiary list approved by local UNO, | Quarterly | M&E Officer, Project Manager | No separate fund allocated, costs will be covered from meeting, workshop and travel costs | The benefits will be provided to local poor people under an agreement which will engage them in coastal green protection. However, in some places the coastal greenbelt may be located far away from human settlement. Moreover, even though the project intends to provide benefit to at least 50% women, they may not be able to participate in forest protection equally as men. |

## PROJECT MONITORING AND EVALUATION PLAN - 2020

## ICBAAR PROGRAMME

| Key Result 1 (2019): Climate vulnerability of poor coastal community members has decreased as they have access to additional and resilient income sources.                        |                                    |   |                                |   |                     |                |                     |
|---|------------------------------------|---|--------------------------------|---|---------------------|----------------|---------------------|
| Indicators  | Baseline (Year)                    | Target (M/Year)   | Progress Against Target (M/Y)* | Evidence (Data sources/Name of Document/Website, etc) |                     |                |                     |
|   |                                    |   |                                | Full Title  | Date of Publication | Author         | Link (if available) |
| 1.1) Number of local poor household that have adopted climate resilient livelihood options  | 2157 Male<br>2158 Female<br>(2019) | 1000 (2020)   | -                              | Annual progress report                                | 30 January 2020     | ICBAAR Project | To be shared        |
| Key Result 2 (2019): Necessary institutional set is in place to involved forest dependent community members with co-management of coastal greenbelt                               |                                    |   |                                |   |                     |                |                     |
| 2.1) Number of Forest Resource Protection Group (FRPG) formed at village level  | 0 (2018)                           | 8 FRPG (June 2019)<br>20 FRPG (Dec 2019)<br>00 FRPG (June 2020) | -                              | Activity/Quarterly/Annual progress report             | 30 January 2020     | ICBAAR Project | To be shared        |
| Key Result 3 (2019): Agriculture production increased with the improvement of drainage condition in specific Unions along coastal embankment in Monpura and Charfession Upazilas. |                                    |   |                                |   |                     |                |                     |
| 3.1) Average cropping intensity increased as less amount of area is inundated after 20 damaged sluiceways are repaired in   | Cropping intensity 1.5 (2018)      | 1.5 (June 2019)<br>2 (Dec 2019)<br>2 (June 2020)                | -                              | Activity/Quarterly/Annual progress report             | 30 January 2020     | ICBAAR Project | To be shared        |
| Key Result 4 (2019): With the aim of reducing vulnerability of coastal area degraded coastal greenbelt is enriched in four coastal districts.                                     |                                    |   |                                |   |                     |                |                     |
| 4.1) 450 ha. of degraded mangrove forest is reforested with diversified species.  | 200 ha. (2018)                     | 0 ha. (June 2019)<br>450 ha. (Dec 2019)<br>650 (June 2020)      | -                              | Annual progress report                                | 30 January 2020     | ICBAAR Project | To be shared        |

## PROJECT MONITORING AND EVALUATION PLAN - 2020

## ICBAAR PROGRAMME

| <p><b>(CPD Outcome 3) Enhance effective management of the natural and man-made environment focusing on improved sustainability and increased resilience of vulnerable individuals and groups.</b><br/>           (Output 3.1) Government institutions have improved capacities, and institutional and legal frameworks to respond to and ensure resilient recovery from earthquakes, weather extremes, and environmental emergencies<br/>           [Indicator 3.1.3.] Number of women and men with increased resilience at the household and community level.</p> |                 |                                 |                               |  |   |           |                              |   |  |
|--|-----------------|---------------------------------|-------------------------------|--|---|-----------|------------------------------|---|--|
| CPD Output Indicators  | Baseline (Year) | Target (Year)                   | Progress Against Target (M/Y) | Data Collection Methods (M&E Activities)   | Means of Verification (data sources)  | Frequency | Responsibilities             | Resources (Cost)  | Assumptions and Risks  |
| Number of climate vulnerable coastal household that will adopt resilient livelihood options related to agricultural, livestock, fisheries, forestry and other innovative options.  | 5065 (2018)     | 2157 Male<br>2158 Female (2019) |                               | Review of beneficiary selection report, review of beneficiary list approved by local UNO, discussion with beneficiaries and local staff of implementing partners | Beneficiary selection report, review of beneficiary list approved by local UNO, | Quarterly | M&E Officer, Project Manager | No separate fund allocated, costs will be covered from meeting, workshop and travel costs | The benefits will be provided to local poor people under an agreement which will engage them in coastal green protection. However, in some places the coastal greenbelt may be located far away from human settlement. Moreover, even though the project intends to provide benefit to at least 50% women, they may not be fit to participate in forest protection equally as men. |

## PROJECT MONITORING AND EVALUATION PLAN - 2020

## ICBAAR PROGRAMME

| <b>(UNDAF Outcome-2) Enhance effective management of the natural and manmade environment focusing on improved sustainability and increased resilience of vulnerable individuals and groups.</b>  |                        |                                  |                                      |   |   |                  |                         |   |   |
|--|------------------------|----------------------------------|--------------------------------------|---|---|------------------|-------------------------|---|---|
| <b>(UNDAF Output 2.2) Enhance effective management of the natural and manmade environment focusing on improved sustainability and increased resilience of vulnerable individuals and groups.</b> |                        |                                  |                                      |   |   |                  |                         |   |   |
| <b>(Indicator 2.2.) Percentage of a) coastal, b) marine and c) forest areas that are protected</b>   |                        |                                  |                                      |   |   |                  |                         |   |   |
| <b>UNDAF Output Indicators</b>   | <b>Baseline (Year)</b> | <b>Target (Year)</b>             | <b>Progress Against Target (M/Y)</b> | <b>Data Collection Methods (M&amp;E Activities)</b>     | <b>Means of Verification (data sources)</b> | <b>Frequency</b> | <b>Responsibilities</b> | <b>Resources (Cost)</b>   | <b>Assumptions and Risks</b>  |
| Carryout mixed species mangrove enrichment plantation degraded in coastal mangrove forests and ensure protection.  | 200 (2018)             | 450 ha. (2019)<br>650 ha. (2020) |                                      | Field level measurement, review of field office report. | Field office report                         | Bi- Annual       | CDA, M&E Officer        | No separate fund allocated, costs will be covered from meeting, workshop and travel costs | This is supposed to be mixed species mangrove plantation which will depend on availability of enough seed/seedlings of 12 different species. This may be a challenge for the project. |

## PROJECT MONITORING AND EVALUATION PLAN - 2020

## ICBAAR PROGRAMME

**(SDG Goal 13) Take urgent action to combat climate change and its impacts**  
**(Target 13.3) Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning.**

| SDG Indicators   | Baseline (Year) | Target (Year)  | Progress Against Target (M/Y) | Data Collection Methods (M&E Activities)  | Means of Verification (data sources)   | Frequency | Responsibilities | Resources (Cost)  | Assumptions and Risks |
|--|-----------------|----------------|-------------------------------|---|--|-----------|------------------|---|-----------------------|
| 13.3.1 Number of countries that have integrated mitigation, adaptation, impact reduction and early warning into primary, secondary and tertiary curricula.<br>[No. of poor local household that have adopted climate resilient livelihood] | 5065 HH (2018)  | 4315 HH (2019) |                               | Review of training report and training attendance sheet, discussion with beneficiaries and local staff of implementing partners | Quarterly progress report, data sheet. | Quarterly | CDA, M&E Officer | No separate fund allocated, costs will be covered from meeting, workshop and travel costs | -                     |

## PROJECT MONITORING AND EVALUATION PLAN - 2020

## ICBAAR PROGRAMME

| Evaluation/Study/Survey Title             | UNDP Strategic Plan Outcome   | Partners (joint evaluation)        | Evaluation commissioned by (if not UNDP) | Type of Evaluation/ Study/ Survey | Planned Evaluation/Study/Survey Completion Date (Month/Year) | Estimated Cost | Provisional Source of Funding | Commissioned to external firm/consultant |
|---|---|------------------------------------|--|-----------------------------------|--|----------------|-------------------------------|--|
| <b>Mid-term Evaluation of *** Project</b> | SP Outcome 1:<br>Growth and development are inclusive and sustainable, incorporating productive capacities that create employment and livelihoods for the poor and excluded | Ministry of Environment and Forest | GEF                                      | Mid-term Project Evaluation       | Jan 2019   | USD 27,200     | Donor/Project Budget          | Yes                                      |
| <b>Final Evaluation of *** Project</b>    | SP Outcome 1:<br>Growth and development are inclusive and sustainable, incorporating productive capacities that create employment and livelihoods for the poor and excluded | Ministry of Environment and Forest | GEF                                      | Final Project Evaluation          | June 2020  | USD 43,250     | Donor/Project Budget          | Yes                                      |

**PROJECT MONITORING AND EVALUATION PLAN - 2020**

**ICBAAR PROGRAMME**



**M&E Budget - 2019**

| Description                                   | Budget allocated in 2019 (USD)                 | Cost spent so far in 2019 (USD) | Total cost, including cost projected towards end of 2019 (USD) | Time spent on 1) monitoring and 2) evaluation |
|---|--|---------------------------------|--|---|
| <b>1. Dedicated M&amp;E staff</b>             |  |                                 |  |   |
| a) M&E Specialist (SC)                        | 25,000.00                                      |                                 |  | Monitoring ( %)<br>Evaluation ( %)            |
| b) M&E Consultant (IC)                        | There is no provision of IC Consultant for M&E | N/A                             |  | Monitoring ( %)<br>Evaluation ( %)            |
| <b>Sub-Total</b>                              |  | N/A                             |  |   |
| <b>2. Monitoring Activities</b>               |  |                                 |  |   |
| a) Monitoring travel                          | 20,000.00                                      | N/A                             |  |   |
| b) Monitoring Meeting                         | 500.00   |                                 |  |   |
| c) Baseline survey                            |  | N/A                             |  |   |
| <b>Sub-Total</b>                              |  |                                 |  |   |
| <b>3. Evaluation Activities</b>               |  |                                 |  |   |
| a) Mid-term evaluation                        | 27,131.00                                      | 00                              |  |   |
| b) Evaluation workshop                        | 0.00   | 00                              |  |   |
| <b>Sub-Total</b>                              |  |                                 |  |   |
| <b>Grand Total</b>                            | <b>72,631.00</b>                               |                                 |  |   |
| <b>Proportion to Total Budget/Expenditure</b> | <b>%</b>                                       | <b>%</b>                        | <b>%</b>   |   |



Workshop Report  
On  
**Lessons Towards Sustainability  
and Annual Review & Planning  
2020**

Date: 19 January 2020  
Venue: Sikder Resort and Villas, Kuakata

Integrating Community-based Adaptation into  
Afforestation and Reforestation and Programme in Bangladesh  
Ministry of Environment, Forest and Climate Change

*Alam*

## Programme Schedule

| Time              | Activity   | Facilitator /Moderator  |
|-------------------|--|---|
| Inaugural Session |  |   |
| 09:00 - 09:15 am  | Registration   |   |
| 09:15 - 09:20am   | Introduction to each other   |   |
| 09:20 - 09.25am   | Welcome and objective of the workshop  | <b>Dr. Mohammed Muzammel Hoque</b> , Project Manager, ICBAAR h  |
| 09.25 - 09:35am   | ICBAAR Journey from 2017 to 2019: A photographic presentation  | <b>Mr. Kabir Hossain</b> , Communication Officer & PM, ICBAAR   |
| 09.35-09.50m      | Speech from guests   | Representative of one UNO<br><b>Mr. Aminul Islam</b> , DCF, Patuakhali<br><b>Mr. Arif M. Faisal</b> , PS, UNDP    |
| 09.50-10.00am     | Speech of National Project Director  | <b>Mr. Mahmud Hassan</b> , Additional Secretary, MoEFCC and NPD, ICBAAR   |
| 10.00-10.20am     | Project implementation-past achievement, plan for 2020 and lesson learned  | <b>Muzammel Hoque</b> , PM, ICBAAR  |
| 10.20-11.00am     | Plan for successful delivery of project-nuts and bolts   | <b>Arif M. Faisal</b> , Programme Specialist, UNDP  |
| 11.00-11.15am     | Morning refreshments   | Razib & Bahadur   |
| 11.15-12.00am     | Achievement, challenge and lessons-What works well and what not-Reflection by All PDs, UNOs, Concern Officers, beneficiaries and Project Staffs (FD & FRPG/CMC, DAE, DoF, DLS, CPP & BWDB) | Moderated by <b>Arif M. Faisal</b> , Programme Specialist, UNDP   |
| 12.00-01.00pm     | Group Presentation and Open discussion   | Moderated by <b>Arif M. Faisal</b> , Program Specialist, UNDP and <b>Dr. Mohammed Muzammel Hoque</b> , PM, ICBAAR |
| 01:00-02:00 pm    | Prayer and lunch   | Razib and Kiron   |
| 02:00-03:15 pm    | ICBAAR sustainability (Management of Killa, CRC, FRPG and CMC) Presentation and Open discussion  | <b>Md. Shams Uddin</b> , Monitoring and Evaluation Officer and CDOs<br><b>MA Mannan</b> , NACOM                   |
| 3.15-3.30pm       | Knowledge management and communication Plan  | Moderated by <b>Arif M. Faisal</b> and <b>Kabir Hossain</b>   |
| 3.30-3.45pm       | Discussion on SDG  | <b>Mr. Mahmud Hassan</b> , Additional Secretary, MoEFCC and NPD, ICBAAR   |
| 3.45-4.00pm       | Motivational Speech  | <b>Mr. Mashahed Hassan Simanta</b> , Author & Motivation Speaker  |
| 4.00-4.15pm       | Closing Remarks  | <b>Mr. Mahmud Hassan</b><br>Additional Secretary, MoEFCC and NPD, ICBAAR  |

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## *Summary of the Workshop*

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A day long workshop on ICBA-AR project “Lessons towards sustainability and planning” organized by Integrating Community-based Adaptation into Afforestation and Reforestation Programmes in Bangladesh (ICBA-AR) implanted by the Ministry of Environment, Forest and Climate Change (MoEFCC) with the financial and technical support of United Nations Development Programme (UNDP) and Global Environment Facility (GEF). The workshop was held on 19 January 2020 at the Sikder Resort and Villa’s, Kuakata, Patuakhali. The workshop obtained valuable opinions and suggestions from the stakeholders to reduce the climate induced vulnerabilities of local communities which is ultimate goal of ‘the ICBAAR Project.

The workshop spited into three working sessions with interactive discussion and presentations discussed on what wen well, what went wrong that might have been better handled if done differently, what things anticipated that did not happen, and their feedbacks to adopt new strategies for future implementation in order to avoid mistakes and ensure sustainability of the Project. The event participated representatives of various governments institutions including Forest, Livestock, Fisheries, Cyclone Preparedness Program (CPP) along Upazila Nirbahi Officers (UNOs) of Tazimuddin, Charfassion, Golachipa, and Vandaria along beneficiaries, UNDP a nd Project staff.

The workshop presided by Mr. Mahmud Hassan, National Project Director as well as Additional Secretary of the Ministry of Environment, Forest and Climate Change. Dr. Mohammed Muzammel Hoque, Project Manager of ICBAAR welcomed the participants and presented the key note speech in PowerPoint. Mr. Arif M Faisal, Program Specialist of UNDP, Mr. Aminul Islam, DFO, Patuakhali and Mr. Humayun Kabir, UNO Pathorghata also spoke in the inaugural session.

Mr. Mahmud Hassan, Additional Secretary, Ministry of Environment, Forest and Climate Change (MoEFCC) and the National Project Director of ICBAAR as well says while chairing the session, “Sustainability is a great question regarding the project success. If the project does not able to retain the pug mark after the period, then we should say it is a failure project and reversely if it retains some signs of positive impacts then it would be successful project.”

He also says, “through this type of project activities, we are to reduce imparity among the community people regarding their opportunities. We are to ensure balanced development from bottom to top.” Citing his field visit experiences, he says the activities of ICBAAR will have keep significant impact after the end of project .

Deputy Chief Conservator of Forest as well as Divisional Forest Officer of Patuakhali, Mr. Aminul Islam says, “a lot of mangrove species grows in coastal areas but reduced the vegetation coverage due to human interfere. After 20-25 years the coastal forest (Baen, Keora) decline, introduce Sunduri, Passure, and other mangrove species. Local people destruct forest in many ways. UNDP introduced many interventions to combat the climate change including many government departments in an integrating way.”

Mr. Humayun Kabir, UNO, Patharghata said, “there are some special tasks of ICBAAR that could not be damaged during disaster but need to include more beneficiaries in the project activities.” He

also added that “beneficiary selection is done through participatory system. ICBA-AR plays a positive role in climate change adaptation.”

Arif M Faisal, Program Specialist, of UNDP says, “It is not possible to overcome the problem in a short period. We would find what type of adaptation interventions could be introduced; we would find to introduce other than the six agencies. ” He also stressed on UNDP slogan: left no one behind, increase women in the field, integrate climate change issues with the development process. How to involve the community in the climate change adaptation strategy.

Dr. Mohammed Muzammel Hoque, Project Manager of ICBAAR says, we have introduced various innovative livelihoods based our consultation with stakeholders and lessons we have gathered from practical implementation. Now we are rethinking on how to be sustainable and how to replicable and also how could it be example. It is very important to ensure the project activities sustainable after the project period.’ He also noted formation of Co-Management, Forest Resource Protection Group (FRPG), Construction of Killa, tube well platform reconstruction, Community Resource Centre construction.

Mangrove plantation along the coast is considered one of the effective measures to protect lives and livelihoods of coastal population from frequent cyclones, storm surges, flood and extreme weather events. UNDP, a long time development partners of Government has been working with the coastal islanders since 2009 to increase diversity in mangrove plantation and providing climate resilient agricultural, fisheries, livestock and innovative livelihood support to engage local communities in coastal forest management.

UNDP with Support from Global Environment Facility (GEF) has undertaken the four years ICBAAR Project in 2017 called ‘implemented by the Ministries of Environment, Forest and Climate Change (ICBAAR). The project has entered into four years of operations to be ended in December 2020 and connected the most vulnerable households resided in hard to reach 8 upazilas of five vulnerable districts. Targeting to connect 10500 household the project already receded to 7700 households also introduced a diversified plantation mechanism reforestation 650 ha of coastal forests for establishing sustainable coastal greenbelt. The project developed an integrated approach involving government’s seven ministries and departments together. Over 50% beneficiaries of the project are women participating in decision making process of the project’s community-based approach.

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## *Inaugural Session of the Workshop*

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*Mr. Mahmud Hasan*, Additional Secretary of the Ministry of Environment, Forest and Climate Change as well as National Project Director of ICBA-AR was presided the inaugural session of the workshop. *Mr. Aminul Islam*, Deputy Chief Conservator of Forest, *Mr. Arif M. Faisal*, Programme Specialist of UNDP Bangladesh and *Mr. Human Kabir*, Upazila Nirbahi Officer, Pathorghata were attended as guest speakers in the inaugural session of workshop.

Representatives of various governments and Non-government institutions including Forest, Livestock, Fisheries, Cyclone Preparedness Program (CPP), Local Administration, NACOM, beneficiaries, Journalists, UNDP and Project staff, National print and electronic Media representatives attended the workshop.

### **Welcome speech**

*Dr. Mohammed Muzammel Hoque*, Project Manager of ICBAAR welcomed participants to attend the workshop. In his speech he emphasized the objectives and importance of the workshop and expected effective participation of all participants in subjective discussions. Dr. Hoque highlighted the following discussion points.

- Climate change is one of the key problems in coastal areas to address in the project activities. Climate change impacted in all aspects in the coastal communities. ICBA-AR activities are being undertaken in 8 upazilas under five most climate vulnerable districts of the country.
- Introduced innovative ideas in 2018-19 work plan along with the traditional interventions to combat the climate change impacts based on the feedback of consultation workshops. Simultaneously implementing innovative and traditional interventions. In the workshop today, we will have to formulate sustainable replicable strategies of those of innovative livelihoods and works of ICBAAR.
- Co-Management Committee (CMC) has been formed in 2019 upon gazette notification by Ministry of Environment, Forest and Climate Change to take part in the project implementation. CMC implemented some interventions like Killa, tube well platform reconstruction, Community Resource Centre construction. We have to find out a mechanism on how these could be sustainable for a longer period.

### **ICBAAR Journey towards Sustainability:**

A photographic presentation was made jointly by *Mr. Kabir Hossain*, Communication Officer (CO) and *Dr. Mohammed Muzammel Hoque*, Project Manager to connect participants with the history and evolution of the Project. The presentation focuses the lanching ceremony of the Project by Hon'orable the then Minister of MoEFCC in the CIRDAP on 23<sup>rd</sup> March 2017, Community Mobilization and Gender Mainstreaming orientation, joint mission along district and upazila level inception workshops

prior to implementation for receiving stakeholder opinion for successful implementation, various meetings, workshops and other historical events, introduction of innovative livelihoods consultations, field missions of government and high ups, Mid Term evaluations and extensive media coverage that brought the project to international communities, donors and climate concerned of the world through Reuters, Inter Press Services, other world media, UNDP, GEF and other websites, Social media and Videos.

### **Speech from the Guests:**

*Mr. Human Kabir, UNO Pathorghata* represents UNOs of Vandaria, Tazimuddin and Charfassion as Senior most members of the local administration participated in the workshop. Speaking in the inaugural session, he said, 'ICBAAR plays a very positive role in climate change adaptation. There are many problems in disaster management field, but ICBAAR has accomplished some special tasks which would not be damaged during disaster. He suggested to include more beneficiaries in the project activities and cited his personal experience saying beneficiary selection of ICBAAR is done through a participatory system.

*Mr. Aminul Islam, DFO Patuakhali* applauded the activities the project undertaken to support forest dependent households saying, 'the project has undertaken 65 types of intervention which is huge'. Addressing the contribution of ICBAAR in the sustainable coastal greenbelt management, the DFO says, 'A lot of mangrove species grows in coastal areas but reduced the vegetation coverage due to human interfere. Sundarbans plays a protective role in disaster protection. After 20-25 years the coastal forest (Baen, Keora) decline, introduce Sunduri, Passure, and other mangrove species. Local people destruct forest in many ways. UNDP introduced many interventions to engage the community in forest protection rather than destroying. It has helped build capacity of forest official with the diversified mangrove species and its plantation.'

The DFO says, 'Grazing is a great problem in coastal plantation and need to readdress the issues. ICBA-AR is working with 10,500 climates vulnerable HHs, CPP is working for early warning preparedness program along with ICBAAR programs.

Marking FFF model as a successful intervention of ICBAAR he admitted the scarcity of forest land as 'land scarcity is a big problem to implement the FFF model intervention'.

He opined that it is needed to introduce more beneficiary to reduce forest dependency of around 3 crores of population in the coastal areas.

He also highlighted CBACC-CF project different plantation success like FFF model, mangrove plantation, strip plantation and mound plantation and mention the earth care and People choice award winning from the piloting project CBACC-CF

*Mr. Arif M. Faisal* mention that UNDP Bangladesh directly working with the Peoples republic of Bangladesh from 1995 to strengthening technical capacity of government organizations and empowered lives and resilient Bangladesh. In his speech he shaded light on the UNDP Bangladesh programme context, background, the previously implemented project with those successes and lessons learn. He also pointed out the following key messages.

Mr. Arif says, 'UNDP works with Government of Bangladesh to achieving SDGs targets through promoting climate action, clean Energy, good governances, women empowerment, peace and conflict management. He mentioned that it urgently needs to develop and finalize national level guidelines for adaptation and mitigation with all partners as Bangladesh is one of the pioneer countries in the adaptation field.

For future directions, he suggested to develop project documents emphasizing on climate change and GED issues, gender balance and consider left no one behind as well. 12

He said, we must have to take care of the environment for the development of the people. He says, if the mega projects hamper the environment, then the project would not be sustainable. Bangladesh government has the aspiration to become a middle-income country. Every department can contribute as well as up scale the development interventions from their own sides.

He mentioned that the Bangladesh Water Development planting trees along the embankment and succeeded in short time. It is not possible to overcome the problem in a short period. Not easy the adaptation activities since included the people, also included trees, livestock, biodiversity, have to go ahead following correction, check and balance methodology. we would find what type of adaptation interventions could be introduced, we would find to introduce other than the six agencies.

*Mr. Mahmud Hasan*, Additional secretary and ICBA-AR project National Project Director labelled climate change is a challenge in achieving the government's Vision 2021 and 7th five-year plan and meet the SDGs targets. He said we are tackling it through innovative programmes. He suggested to discuss and share the lessons learned and best practices of the project sustainability and include feasible activities in revised Pro Doc. He said, all partners have to work together to reduce the forest dependency and build up climate induced adaptation capacity.

The NPD says, Sustainability is a great question regarding the project success. If the project does not able to retain the pug mark after the period, then we should say it is a failure project and reversely if it retains some signs of positive impacts then it would be successful project. He says, through this type of project activities, we are to reduce imparity among the community people regarding their opportunities. We are to ensure balanced development from bottom to top.

He says, there are some project activities without sustainability policy, after the project period it does not seems there was project activity and it could not mark any impact in the field level. But up to date the ICBAAR project activities are well and good

He suggested to ensure collaborative interface of diverse stakeholders including community and local govt. officials play vital role to address key adaptation services in coastal areas. Strengthening the existing roles of Co-Management Committee (CMC) ensures more capable and efficient institutions for incorporating climate change risks in local development plan, transfer of inter- and intra-organization resources and thus improving service quality to vulnerable and socially marginalized groups.

The integrated resource management system improves monitoring roles of implementing local government departments. Each department is aware on to identify the risks to livelihood practice as a

whole, sharing the update in local committee and find quick solutions through internal resource transfer and technical support.

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### *Working Session-1*

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*Dr. Muzammel* presented Power Point Slides on the ICBA-AR Programme last years both program and financial progress review and planning. In his presentation, he outlines on the programme context, geographical coverage, background, interventions, significant implementation successes and lesson learns, key considerations in taking up the ICBA-AR programmes, expected outcomes and impacts, implementing arrangements, challenges, Exit strategies, sustainability and way forwards. He also pointed out the following key points:

- Objective of the workshop
  - Project progress review 2019
  - Lessons learned through project implementation
  - Develop Action Plan for 2020
  - ICBAAR sustainability (management of Killa and CRC and finalization of their guidelines)
  - Draft final TPP Revision
  
- Progress till date

| <b>Partners</b> | <b>Activities</b>                                | <b>Target</b>         | <b>Achievement</b> |
|-----------------|--|-----------------------|--------------------|
| FD              | FFF  | 100 ha                | 28 ha              |
|                 | Enrichment                                       | 650ha                 | 500ha              |
| DAE             | Climate Resilient Agriculture-based Livelihoods  | 2500HH                | 1895HH             |
| DoF             | Climate Resilient Fish culture-based Livelihoods | 2500HH                | 1890 HH            |
| DLS             | Climate Resilient Livestock-                     | 2500HH                | 2100 HH            |
| NGO             | Climate Resilient Innovative Livelihoods         | Formation<br>20 FRPGs | 20                 |
| CMC             | Killa  | 10                    | 6 sites            |

|      |                            |           |                      |
|------|----------------------------|-----------|----------------------|
|      | CRC                        | 10        | Under Implementation |
|      | Climate Proof Tube well    | 150       | 150                  |
| BWDB | Sluicgate Renovation       | 20        | 20                   |
|      | Canal Re-excavation        | 25 Km     | -                    |
| CPP  | Training to CPP Volunteers | 6000      | 6000                 |
|      | Equipment                  | 385 units | 385 units            |

### What went well/strength

- Innovative and Climate resilient livelihoods interventions (Due to high yielding, climate resilient, innovative options locals found interested of ICBBAR livelihoods)
- Co-Management System to ensure accountability
- Exposure in international media, conferences e.g GCA Conference, Reuters
- Sluice gates renovation
- Training and equipment to CPP for effectively warning dissemination e.g. during cyclone Bulbul
- Tube well platform maintenance contributes to safe drinking water
- Development of many operational guidelines specially Implementation Guideline for the partners
- Implementation strategy emphasizing Govt. dept considering their expertise & capacity;
- Involvement of local Govt. in project implementation (CMC, PIC etc.);
- Community based Approach involving ultra poor emphasizing women;
- Very remote and vulnerable islands/Project sites.

### What did not work well/weakness

- Underestimated budget in almost all project the components
- Unavailability of suitable land for 3FV, CRC, Killa constructions
- Late onboard of partner NGO and very limited budget for innovative livelihoods
- Lacking skills of partners for some innovative livelihood (floating garden, vermy compost etc.)
- Short training duration due to budget limitation
- Procurement of ducks and other inputs locally
- One time and limited budget/interventions (avg: 8000-10000 BDT)

- Only one Community Watcher to work in whole Upazila
- No budget for partners monitoring, supervision, official expenditure;
- No role for BFRI, MoL, No PD for CPP;
- Regarding sustainability of good result, FRPG, CMC beyond project period (lack of strategy and direction);
- Lac provision of motorcycle for field officials.

## Recommendations

- Need to build awareness about Climate Resilient related innovative livelihoods for community
- Cost benefit analysis of each innovative livelihood activities
- Finalization of Committees, guidance, designs of FRPG, CRC, Killa and CMC;
- Replications of successful livelihoods by dissemination of information
- Established a strong linkage with relevant service providers (GOs and NGOs)
- Engage upazila level implementing in training, workshop, seminar, exposure visit etc.
- Take cross learnings or best practices on climate resilient innovative activities implementing from abroad like Vietnam, East Timur, Indonesia, Malaysia,
- Cross site visit for beneficiary
- Ensure constant site-specific lessons sharing among project staffs
- Avoid the Input distribution in after day light, Heavy rain fall time and weekend
- Implementing agencies should be transparent to the project beneficiaries about the allocated amount for them

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### *Working session 2*

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## Plan for successful delivery

Moderator: Arif M. Faisal, Program Specialist, UNDP

Bhola:

- In Tazumoddin one Killa is to construct. Around 2 acres of land was selected in early 2019 but the new Killa design needs 5.5 acres of land. So now very urgent to acquisition the land.
- In Charfassion, one killa is under construction in Kukri Mukri and another one Killa budget have been received by the CMC and land acquisition already completed in Dhal Char.
- In Monpura, there was not possible selection of Killa land due to unavailability of land. The CMC member proposed to construct the Killa in an Island where no community residing.

- Three Community Resource Center (CRC) have been constructed in Charfassion, Tazumoddin and Monpura but the decoration of CRC is yet to finish and need additional fund. One CRC in Charfassion is stopped refence to the letter from NPD. Now a decision is important about the fund already received.
- One climate resilient village in Charfassion is under process and fund received by the CMC.
- BWDB is implementing the canal re-excavation work in Kukri Mukri Union and the e-tendering process already finished, and contractor is selected.
- The fund for livelihood options in 2020 already received by DAE and DoF, now it high time to start the work (beneficiary selection, training and input distribution) soon. Within June 2020 all the livelihood interventions implementation must be completed in all areas.
- Noakhali, Hatiya
  - FFF model target was 17 hector (85 HHs) first time and later 3 hector increase (15 HHs) total 20 hector (100 HHs) completed.
  - Implemented 230 hector enrichment planation out of 600 hectors
  - One Killa implementation completed according to PPR
  - Two CRC construction fund received by CMC after tender process completed but stopped the work process due to PMU decision.
  - 25 Tube well platform reconstruction work completed.
  - Cyclone Preparedness Programme (CPP) performed 25 batch training on capacity building of 1125 CPP volunteers.
  - One climate resilient Abasan village in is under process and fund received by the CMC.
  - Implementing partners received fund to implement climate resilient innovative livelihood options in 2020. It is high time to start the work (beneficiary selection, training and input distribution) soon. Within June 2020 all the livelihood interventions implementation must be completed in all areas.
- Patuakhali
  - Make list what type of training needs for the next session
  - 60-70% beneficiary is women.
  - Need solar energy in Rangabali Upazila to preserve the vaccine for livestock department.
  - Need coordination meeting with all departmental staffs in every Upazila
  - A Killa is under process of construction in Char Najir (Rangabali)
- Barguna
  - No land selected for Killa due to high price of land and unavailability of land inside the embankment. New island may be a site for Killa construction and need approval if the land is out of flood risk/level.
  - CRC construction work is stopped
  - 3FV model at HH level is under process

- Need approval to renovate 47 Pond Sand Filter (PSF) that is very important for the community people drinking water supply need around 350000 Tk.
- NCOM, Partner NGO
  - As per the pro.doc initial target was to mobilize 2500 HHs but now it is 600 HHs. PSC meeting approved the reduced number of beneficiaries to increase the MCG loan amount from 2900 Tk to 14000 Tk.
  - 20 FRPGs have been formed in four Upazilas. The FRPGs beneficiary are receiving MCG loan as revolving fund.
  - Registration of FRPG in Charfassion and Tazumoddin upazilas are completed and in Rangabali, Golachipa and Hatiya is yet to register.
  - To ensure sustainability one beneficiary from each FRPG need included in CMC in each upazila.
  - Gear up linkage with Social Welfare Department to register the FRPGs.
- In general
  - Regional Adaptation Center: Bangladesh Government is very interested to establish the Regional Adaptation Centre in Bangladesh. So linking with this UNDP is also trying to establish Adaptation Learning Centre in the field level and the possible site is Kukri Mukri. To allocate the fund it is needed to incorporate in the TPP revision.
  - Cyclone Preparedness Program: Total 11000 CPP volunteers in ICBAAR working areas but only 6000 have been given training. The training duration is too short and also need additional equipment like rescue bag and others. The ICBAAR is in last moment and no additional activity could be included so if it is necessary it could be included in the small island project next.
  - List down what type of training is necessary and send to PMU very soon including ToR, tender documents of all due activities and reports.

### Remarks from participants

*Jasimuddin, a Sorjone culture beneficiary:* The Sorjone fish culture beneficiaries obtained 35 lac Tk from for one year and also continuing. It includes vegetable and fish products.

*Maruf Hossain, USFO, Charfassion:* It is important to ensure the Sorjone beneficiary life insurance to compensate the disaster loss. The local fish is losing gradually and need to culture more and more to increase it.

*District Fisheries Officer, Patuakhali:* Frequent net in the river, canal in the country side are the main causes of local fish depletion. Pangus fish fingerling are being catching through net and being selling as small Tengra fish in the local areas. It is a great way of damaging the fish species in the river. Undeliberate uses of pesticides, insecticides are also major cause of fish depletion. Indigenous fish species can be protected two conservation of natural common resource like river channel haor and beel etc. Illegal net and fishing prohibited in these natural common resources so that indigenous extinct species can be protected.

Parul Begum women beneficiaries: They are actively involved in conservation activities and reduce the dependency on the forest, they have faced challenges in duck rearing death problems for proper vaccination and medicine, river erosion is a big problem in their geographical area. FFF model create windows of opportunity for the victims of river erosion vulnerable people of Hatiya.

**All project staffs are to order to deliver the message regarding the quick implementation of the work plan of 2020 and it is up to June 2020.**

*Abdur Rahim, beneficiary, Pathorghata, Barguna:* Due to climate change and frequent flood, cyclone, increase salinity and many other disasters it is necessary to introduce innovative interventions that can survive during the disaster. Floating garden, 2FVD etc. are some innovative interventions. It is also important to use organic fertilizer in the innovative ideas.

*Deputy Director and Project Director ICBAAR, DAE, Barguna:* ICBAAR is implementing some great innovative interventions that are climate resilient, new variety and early also that is adaptive to the environment.

*Upazila Agriculture Officer, Pathorghata:* What kind of challenges in the future for agriculture sector? The local farmers and people are already adaptive, and the changes are visible. The agriculture field were vacant in the Robi season but now we see crop in the field in all season. There are some pulse varieties that are saline tolerant. At least on third of the Mugn bean of Bangladesh is produced in Patuakhali and Barguna but there is no proper marketing opportunities and need to improve market system. Training of different interventions in a same session is difficult to learn the beneficiary. It is better to organize the same intervention for training session. Field day is a good way of technology transfer but in ICBAAR the field day event is not incorporated.

*Nurul Islam, Upazila Agriculture Officer, Hatiya:* If approves Community Resource Centre we could finish it properly. Only two Unions and 11 villages are the project working areas now needs to increase working boundary. one Killa and 25 tube well platform maintenance work implementation is completed. He recommended that the project activities are significantly reduce the community vulnerability and forest dependency it should be cover all Unions of Hatiya Upazila. Through ICBA-AR project Hatiya Upazila vegetables fruits status is increasing day by day in the coastal belt. He also mentioned that in coastal area mugdal, sunflower peanut and soybean cultivation area are increasing

## Killa and CRC guideline finalization

*Mr. Shams Uddin, Monitoring and Evaluation Officer* has presented a power points on Killa and CRC to finalize draft guidelines. He outlined objectives, structures, responsibilities, scope of works, and sought opinion to finalize it saying, for the sustainability of the Project, these operational manuals will be a guiding document. Regarding CRC guideline, the participants suggested to constitute the committees with UNO, Tag officer, SAAO, Representative from DAE, DoF as well UP Chairman. The

participants also proposed to include UNO/AC Land, 7-9 members, beneficiary in the Killa management committee.

Due to significance of the manual it is decided in the meeting to share the documents with the concern CMC members and after getting feedbacks from all area's PMU would take initiative to finalize the guideline.

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### *Working session -3*

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*Mr. Mahmud Hassan*, NPD of ICBAAR also presented a powerpoint on SDGs target and indicators in a very easier and innovative ways styled " I HOPE, WE CAN". He narrated all the words of I hope we can as I = Innovation: Goal 9, Inequality: Goal 10, H = Hunger: Goal 2, Health: Goal 3, O = Ocean: Goal 14, P = Poverty: Goal 1, Peace: Goal 16, Partnership: Goal 17, E = Education: Goal 4, Energy: Goal 7, Economy: Goal 8, Ecosystem: Goal 15, W = Women: Goal 5, Water: Goal 6, C = Consumption: Goal 12, Cities: Goal 11, Climate Change: Goal 13. SDG will be implemented in (S= 19, D= 4, G= 7, sum is 30) 2030 year.

*Mashahed Hassan Simanto*, a Motivational Speaker in Youtube Channel presented Three steps in human motivation. Firstly, What the people say, 2nd What the people mean and thirdly What the people want to listen? Leadership is Initiative. From their own side everybody performs many things and that are the leadership for the concern people.

The Integrating Community-based Adaptation into Afforestation and Reforestation Project shortly known as ICBAAR Program, a follow up project of former LDC funded CBAAC launched on March 23, 2017. Around 10,500 poor local households will be benefitted from the project and 6,000 Cyclone Preparedness Program volunteers has equipped with knowledge and equipment to support disaster time message dissemination and received equipment support through the project.

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## *Lessons on Specific intervention*

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### Enrichment Plantation

#### What went well

- Plantation with climate resilient diverse species
- Nature-based solution emphasizing ecosystem based-climate resilient adaptive approach
- Both Adaptation and Mitigation role

#### What did not work

- Protection from wild animals grazing.
- Seedling size was not expected quality in some cases.
- Kankra, Shingra, Khulshi and Baen seedlings were grazed more by deer.
- Very Limited budget for protection (1600 BDT/ha)

#### Recommendation

- Koromcha species can be included as its leaf does not eaten by deer
- Arrangement of watcher and fencing may be the best solution to reduce grazing rate.
- Plantation by the two-year aged and non-palatable seedling may another option to reduce mortality rate.
- Need more monitoring by range officer and bit officer. Also need to ensure the monitoring of CMC

### Forest Fruit, Fish and Vegetable Model

#### What went well

- Fish and vegetable production was outstanding
- Protection of land from the elite capture
- Ecosystem based-climate resilient adaptive approach
- Good opportunity for the vulnerable landless people
- Create significant and recurrent income sources
- For one household this model is economically very viable

#### What did not work

- Limited budget for earth excavation
- Due to salinity, vegetable does not grow well in the 1st year (Hatiya) and need extra time to remove salinity

- Land scarcity and tenure ship problem
- Protection from wild animals grazing is the most challenging issue

#### Recommendation

- Completion of Legal Agreement between beneficiaries and FD
- This model could be replicated at community level using their un managed ponds with less budget

## Climate Resilient Agriculture

#### Forest, Fruit, Fish & Vegetable

- The acceptance and production of climate resilient livelihood interventions like Sorjone culture, T-Aman, Homestead Vegetable, Dike & Bed, Cropping, Vermicompost, Vegetables in Sac, 3 Layer vegetables, Floating garden etc.

#### What did not work

- Crop calendar did not maintain properly
- Late distribution of inputs
- Political leaders interfered the beneficiary selection process.
- Less interest in field visit of partners due to insufficient operational cost

#### Recommendation

- Observation of Farmers Field Day in large scale
  - Dissemination of best practices in local hat/bazaar through Video presentation
  - Department staffs need orientation on innovative livelihoods.
  - Need more field visit by department concerned staff
- Establish market linkage for the agriculture produces specially Vermicompost

## Climate Resilient Fish Culture

#### What went well

- Follow up by DoF staff was good.
- Thai Pangus, Carp fish, Fish Nursery, Crab Fattening in Pond and 2FVD model, Sorjone culture, Cage culture, worked well.
- The output and beneficiary satisfaction and acceptance was remarkable

#### What did not work

- Size of fish fingerling was not satisfactory.
- Late implementation of 2FVD model due to unavailability of DoF officer.

- Pressure by the political leader to vendor management.
- Lack of frequent nursing by the partners and project limited staff

#### Recommendation

- Involvement of CMC for input purchase may be useful to overcome the pressure.
- Need to increase carrying charge to bring fingerling from outside.
- Need to increase Carp fish culture.
- We must make session with them in every week and to discuss about their problems during demonstration

### BWDB: Drainage Facilities Improvement (Sluice gate Renovation)

#### What went well

- Very essential to facilitate agri crop production
- Around 3 lac people are being benefitted

#### What did not work

- Sluice gate Mgt. committee is not functional
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#### Recommendation

- To form and make functional of Sluice gate Mgt. Committee

### CPP: Training and Equipment Support to CPP Volunteers

#### What went well

- CPP volunteer skill development training is very effective according to the curriculum/training manual

#### What did not work

- Training duration is too short to learn many things.
- More communication materials such as rain coat, helmet, torch light, gum boot are needed.
- Number of training low
- No budget for demonstration

#### Recommendation

- Provide training on roles of coastal greenbelt in climate risk reduction to all the CPP Volunteers
- Shortage of early response equipment like Community Radio and First Aid kit box
- Need more time and regular meeting and activity from ICBA-AR project
- Training duration should be at least 2 day long.

## Lessons from CMC Activities

### What went well

- Very effective to ensure quality works
- Sustainability of programmes
- Easy for implementation

### What did not work

- Limited scope of activities
- Frequently changed the members of the CMC especially the President / UNO, Rang Officer/Secretary, Account officer/department.
- All members too much busy for their regular duty

### Recommendation

- Increase coordination in implementation of CMC decision.
- A letter from related govt. department for registration of FRPG may help the registration process.
- Create and provide 'Endowment Fund' to keep CMC functional beyond project period.
- Ensure available budget for quarterly meeting regularly

## CRC, Killa

### What went well

- Implementation by the CMC
- Quality Assurance
- Monitoring and supervision

### What did not work

- Design of Killa and CRC

- Scarcity of suitable land
- The amount of land for Killa construction did not match with the project document.
- Difficult to arrange of government, forest or khas land to build a new Killa

#### Recommendation

- Need to work more or arrange workshop with experts for the sustainability of project activities like innovative livelihood activities, Killa, CRC, FRPG, CMC, etc
- The killa management guideline should be developed immediately
- The Killa management Committee should be identified very soon to take the management charge

#### FRPG by NGO/CMC

#### What went well

- Formation by NGO following the procedure

#### What did not work

- Limited budget for alternative livelihoods
- In sufficient forest dependent poor communities close to forests

#### Recommendation

- Need more monitoring by CMC and enhancing close linkage with CMCs

#### Challenges of ICBAAR Project

- Limitations in project design.
- Scarcity of suitable land for Killa and CRC
- Remoteness and communication barrier
- Beneficiary number is specified while the budget is limited. Thus it was difficult to think beyond traditional practices.
- A beneficiary is eligible for one-off support. However integrated and continued support is needed for effective result.
- Landless poor people could be addressed at limited level.
- Project activities are implemented exclusively by governmental agencies and many of their local offices suffer from staff shortage.
- Late start and early end of the project.

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## LESSONS LEARNED

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- FFF model is mainly an Innovative Climate Resilience Livelihoods model that comprises short, medium- and long-term recurrent resource generation and diversified options for livelihood security
- The barren land inside the coastal forest were not suitable for plantation of non-mangrove species and cultivation of crops. The area used to receive frequent inundation of tidal saline water. Now after modifying the topography, non-mangrove species can be planted, and other crops can be cultivated.
- Due to climate change and frequent flood, intensity of cyclone, Sea level raising, water logging, increase salinity and many other disasters it is necessary to demonstration piloting and extension innovative climate resilient livelihoods interventions that can survive during the disaster. Floating garden, 3- Layer, Sac vegetables cultivation, 2FVD etc. are some innovative livelihoods interventions in the coastal areas.
- The important lesson captured from different types of adaptation intervention is that the project management requires conducting need assessment through Participatory Rural Appraisal and Baseline Survey in order to document real socio-economic and climatic aspects of each site and compile database of all participating beneficiaries to assess the enhancement of adaptive capacities through project interventions.
- Human disturbances and grazing problems are acute in the remotest project implementation sites, but the protection measures were overlooked in the signed project document. Ten commercially important mangrove species and FFF model plants are being introduced by the ICBA-ARP as under-planting in mono-cultural keora plantation. Unfortunately, these are palatable species and highly grazed by deer, livestock mainly buffalos.
- Less number of Govt. official and frequent transfer of GOB Officials including NPD, PD of implementing partners as well as grass root level local officials hamper the project implementation strategy and causes to lag behind from project implementation schedule of some adaptation

*Key Decisions:*

**Decisions:**

- 1. Submit TPP revised version to IMED by February 2020**
  - 2. Adjust & revised budget based on 3<sup>rd</sup> and 4<sup>th</sup> PSC meeting decisions**
  - 3. Finalize Annual Workplan (AWP) 2020 focusing below activities**
    - \* Upazilla wise site-specific plan
    - \* Beneficiary selection by date
    - \* Training plan by date
    - \* Input distribution plan under DAE and DOF by date
    - \* Vaccinator training plan under DLS
    - \* CRC Decoration plan
    - \* Killa site selection and construction plan
  - 4. Participant selection should be completed by February 2020 and input distribution by May-June 2020.**
  - 5. PMU will send Killa and CRC management draft guidelines to each and evert working areas for discussion and review by CMC and finalize by March 2020**
  - 6. 3FV model beneficiary agreement will have to finalize by March 2020**
  - 7. The climate resilient livelihoods of ICBAAR to be disseminated by publication of a Knowledge product by April 2020 so that it can replicate**
  - 8. 10% gap filling budget to be kept for enrichment Plantation.**
  - 9. Develop an exchange visit plan to share best practices and implement the activities effectively**
-

*Annex-1 : Participants of the workshop*

| SL NO | Name & Designation                               | Office Address                              | Cell no      |
|-------|--|---|--------------|
| 01    | Mahmud Hassan & NPD, ICBA-AR PROJECT             | MoEFCC                                      | 01711-232121 |
| 02    | Arif.M.Faisal<br>Programmes Specialist           | UNDP  | 01824-804742 |
| 03    | MD.Aminul Islam<br>DFO, PATUAKHALI               | Forest Department                           | 01712-503494 |
| 04    | Md Humayun Kabir,<br>UNO                         | Patarghata,Barguna                          | 01775336667  |
| 05    | Md.Kaisar Alam,xen BWDB,PD,BWDB                  | BWDB  | 01912-044239 |
| 06    | MD.Nurul Islam,<br>Upuzila Agriculoture officer, | DAE.Hatiya, Noakhali                        | 01718629179  |
| 07    | Safiqur Rahman<br>CDO                            | ICBAAR Project UNDP<br>Patuakhali           | 01767887997  |
| 08    | MD.Mizanur Rahman Bhuiyan CDO                    | ICBAAR Project UNDP<br>Noakhali             | 01712513220  |
| 09    | MD.Shafiqur Islam<br>CDO                         | ICBAAR Project UNDP<br>Bhola                | 01762811445  |
| 10    | MD.Rashed Khan<br>Pio                            | Tazumuddin<br>Bhola                         | 0715008584   |
| 11    | MD.Rafiqur Islam                                 | ICBAAR Project UNDP<br>Rangabali,Patuakhali | 01720255628  |
| 12    | MD.Abdul Mannan<br>Program Coordinator           | Nacom-                                      | 01711485734  |
| 13    | Mst.Shanin Moshrefa<br>CDO                       | ICBAAR Project UNDP<br>Barguna              | 01733087070  |
| 14    | MD.Ruhul Amin<br>UNO,Charfeson                   | Chorfeson,Bhola                             | 01740920246  |
| 15    | MD.Najmul Alam<br>UNO                            | Bhandaria,Pirojpur                          | 01782357188  |
| 16    | MD.Matiur Rahman<br>DD                           | DAE,Barguna                                 | 01715182834  |
| 17    | Sufia Begum Parul                                | Duck Beneficiary<br>Hatiya,Noakhali         | 01782745759  |
| 18    | MD.Abdul Kaiyum<br>CDA                           | ICBAAR Project UNDP<br>Hatiya,Noakhali      | 01736384445  |
| 19    | MD.Mominul Islam                                 | ICBAAR Project UNDP<br>Monpura              | 01718336187  |
| 20    | Shirhir Kumar Ba<br>Upzila Agriculture Officer   | Patharghata,Barguna                         | 01723041280  |
| 21    | A.R.M.Saifullah<br>Upazila Agriculture Officer   | Galachipa, Hatiya<br>Noakhali               | 01714542132  |

|    |  |   |              |
|----|--|---|--------------|
| 22 | Jasimuddin<br>Agriculture Surgon                               | Beneficiary,Hatiya,Noakhali                                 | 01714-542132 |
| 23 | Rahim  | Consultant icbabar project                                  | 01720299282  |
| 24 | Paltu Kumar Paul, CDA,Rangabali                                | Icbaar project  | 01736699974  |
| 25 | Mst.Nasrin Fardous ,CDA,Bhandaria                              | Icbaar project  | 01725-930693 |
| 26 | Md Abul Hashem Miah, CDA<br>Charfassion                        | Icbaar project  | 01712-954990 |
| 27 | Maruf Hossin Minar   | SUFO<br>Charfeson Bhola                                     | 01731407885  |
| 28 | DR.MD.Saidur Rahman PD<br>Icbaar project                       | DLS, kaji Alauddin Rod<br>,Dhaka                            | 01711443239  |
| 29 | Azizul Haque<br>Depoty Dirctor Dept of Fishercis               | DOF Barishal Division<br>Barishal                           | 01912580825  |
| 30 | MD.Nur Islam Khan Osi Director<br>(OPS).CPP.MODMR              | 684-686,ROD Cresecret<br>sarak.Baromogh<br>Bazar,Dhaka-1217 | 01811458507  |
| 31 | MD.Miraz Gazi<br>Sub-Divisional Enginier<br>BWDB,Patuakhali    | Town Kalikapur,Patuakhali                                   | 01742940304  |
| 32 | MD.Shamim Ahamed Yausuf<br>Agril.Expert Blue Gald Program,BWDB | Blue Gold Program<br>BWDB,Patuakhali                        | 01795517043  |
| 33 | Mejbahuddin Mannu  | The Daily janakantu<br>,Kalapara                            | 01715605647  |
| 34 | Md. Bahadur Hossain<br>Finance Officer                         | ICBA-AR project   | 01818-603406 |
| 35 | Md. Shams Uddin<br>Finance Officer                             | ICBA-AR Project   | 01936-907500 |
| 36 | Mohammed Muzammel Hoque<br>Project Manager                     | ICBA-AR project   | 01818-982832 |
| 37 | Md. Kabir Hossain  | ICBA-AR Project   | 01752-698847 |
| 38 | Md. Razibul Alam   | ICBA-AR project   | 01914-310059 |
| 39 | Molla Imdadulla<br>District Fishries Officer                   | Patuakhali  | 01721-330030 |
| 40 | Milan kumkar Razu  | 71 TV kalapara  | 01719-935500 |

*P. Han*