

Bangladesh NAPA and Status of NAPA Implementation

**Least Developed Countries Expert Group
stocktaking meeting on
NAPA preparation and implementation**

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**Md. Ziaul Haque
&
Abdun Naser Khan**



What is NAPA?

- **National Adaptation Programme of Action (NAPA) to climate change is a national document that**
 - **serves as simplified and direct channels of communication for information relating to the urgent and immediate adaptation needs to climate change.**
 - **supports to start adapting to current and projected adverse effects of climate change.**
 - **acts as a means for dissemination, by an LDC Party, of its proposed programme of action to address its urgent needs for adaptation.**
 - **NAPA has been prepared by the Ministry of Environment and Forests as a response to the decision of the COP7 of the UNFCCC.**

Why NAPA?

- UNFCCC identifies LDCs as most vulnerable countries with least capacities and resources
- Article 4.9 of the Convention provides for their special and urgent consideration
- COP 7 established fund for LDCs to address their immediate and urgent adaptation needs and asked LDCs to prepare and submit their NAPAs
- NAPA will be made available to the entity that will operate the LDC Fund

The Preparation Process

- It followed the generic guiding principles outlined in the guideline prepared by LEG.
- NAPA Project Steering Committee
- NAPA Multidisciplinary Team of Experts and Sectoral Working Groups
- Regional Stakeholder Consultations
- National Consultation on Prioritization
- NAPA Writing Team

Sectoral Working Groups

- **Water, Coastal Area, Natural Disaster and Health**
- **Agriculture, Fisheries and Livestock**
- **Biodiversity, Forestry and Land-use**
- **Industry and Infrastructure**
- **Food Security, Livelihood, Gender and Local Governance**
- **Policies and Institutes**

The Outcome

- Preparation and approval of NAPA with identification of Priority Areas (November 2005)
- Agreement on 15 Project Ideas as Immediate and Urgent needs
- Submission to UNFCCC

Causes of Impacts, Vulnerable Areas & Impacted Sectors

Climate & Related Elements	Critical Vulnerable Areas	Most Impacted Sectors
Temperature Rise and Drought	<ul style="list-style-type: none">▪ North-West	Agriculture, Water, Energy & Health
Sea Level Rise & Salinity Intrusion	<ul style="list-style-type: none">▪ Coastal Area▪ Island	Agriculture, Water, Human Settlement, Energy & Health
Floods	<ul style="list-style-type: none">▪ Central Region▪ North-East Region▪ Char Lands	Agriculture, Water, Infrastructure, Health, Human Settlement, Disaster & Energy
Cyclone & Storm Surge	<ul style="list-style-type: none">▪ Coastal and Marine Zone	Marine Fishing, Infrastructure, Human Settlement, and Life & Property
Drainage Congestion	<ul style="list-style-type: none">▪ Coastal Area▪ Urban▪ South-West	Water (Navigation) & Agriculture

Identified Priority Adaptation Interventions

SI	Name of Project	Implementing Agency
1	Reduction of climate change hazards through coastal afforestation with community participation.	FD
2	Providing drinking water to coastal communities to combat enhanced salinity due to sea level rise.	DPHE
3	Capacity building for integrating climate change in planning, designing of infrastructure, conflict management and land-water zoning for water management institutions.	WARPO
4	Climate change and adaptation information dissemination to vulnerable community for emergency preparedness measures and awareness raising on enhanced climatic disasters.	NIPSOM

Identified Priority Adaptation Interventions

Sl.	Name of Project	Implementing Agency
5	Construction of flood shelter, and information and assistance centre to cope with enhanced recurrent floods in major floodplains.	DMB & LGED
6	Mainstreaming adaptation to climate change into policies and programmes in different sectors (focusing on disaster management, water, agriculture, health and industry).	DoE
7	Inclusion of climate change issues in curriculum at secondary and tertiary educational institution.	Text Book Board
8	Enhancing resilience of urban infrastructure and industries to impacts of climate change.	DoE

Identified Priority Adaptation Interventions

Sl.	Name of Project	Implementing Agency
9	Development of eco-specific adaptive knowledge (including indigenous knowledge) on adaptation to climate variability to enhance adaptive capacity for future climate change.	NGO Consortium
10	Promotion of Research on Drought, Flood and Saline Tolerant Varieties of crops to facilitate adaptation in future	DAE
11	Promoting adaptation to coastal crop agriculture to combat Salinization	BARI
12	Adaptation to agriculture systems in areas prone to enhanced flash flooding North-East and Central Region Enhancing resilience of urban infrastructure and industries to impacts of climate change.	BARI

Identified Priority Adaptation Interventions

Sl.	Name of Project	Implementing Agency
13	Adaptation to fisheries in areas prone to enhanced flooding in North-East and Central Region through adaptive and diversified fish culture practices	DoF
14	Promoting adaptation to coastal fisheries through culture of salt tolerant fish species in coastal areas of Bangladesh	DoF
15	Explore options for insurance to cope with enhanced climatic disasters Promoting adaptation to coastal crop agriculture to combat salinization	DoE

Status of NAPA Implementation

- Consultation Meeting with all the stakeholders (SWG) to implement NAPA
- A Team was formed to develop project proposal from identified NAPA priority projects
- Two Project Proposals (PIF) was prepared in collaboration with UNDP, Bangladesh and was submitted to GEF for approval.

Project Identification Form (PIF) - 1

- **Project Title:** Strengthening adaptive capacities to address climate change threats on sustainable development strategies for coastal communities in Bangladesh
- **GEF IA/EA:** UNDP
- **Other Project Executing Agency:** Department of Forest, Ministry for Environment and Forest (MOEF)
- **Project Duration:** 4 years
- **GEF Focal Area:** Climate Change – Adaptation
- **GEF Operational Program:** LDCF
- **Approval Status:** Approved by GEF.

Goal, Objectives & Outcomes

- The **Goal** of the project is to reduce vulnerability of coastal communities to impacts of climate change, including variability.
- The **Objective** of the project is to improve the resilience of coastal populations, settlements, and ecosystems in areas exposed to coastal hazards.

Goal, Objectives & Outcomes (Cont..)

- The anticipated project Outcomes in support of the objective,
 - Climate risk reduction interventions implemented.
 - Capacity to address emerging hazards and risk reduction at the national and community level enhanced.
 - Existing and proposed national policies revised to increase robustness to climate change risks on coastal communities.

Project Identification Form (PIF) - 2

- **Project Title:** Comprehensive Climate Change Adaptation Capacity Building for Sustainable Development in Bangladesh
- **Executing Agency:** Department of Environment, Ministry of Environment and Forests.
- **Duration:** 2006-2010
- **GEF Focal Area:** Climate change
- **GEF Operational Program:** SCCF

Capacity Building Efforts

- **Establishment of Climate Change Cell**
- **Impact predication modeling (PRECIS)**
- **Training of focal points**
- **Adaptation Research**
- **Climate Change Database and Website functional**

Thank You

