Section IV

Current Plans to Mitigate

"Climate Proofing"

- Flood management schemes to raise the agricultural productivity of many thousands of km of low-lying rural areas and to protect them from extremely damaging severe floods

- Flood protection and drainage schemes to protect urban areas from rainwater and river flooding during the monsoon season

- Coastal embankment projects, involving over 6,000 km of embankments and polder schemes, designed to raise agricultural productivity in coastal areas by preventing tidal flooding and incursion of saline water

- Over 2,000 cyclone shelters to provide refuges for communities from storm surges caused by tropical cyclones and 200 shelters from river floods;

"Climate Proofing"

- Comprehensive disaster management projects, involving community-based programs and early warning systems for floods and cyclones
- Irrigation schemes to enable farmers to grow a dry season rice crop in areas subject to heavy
- Monsoon flooding and in other parts of the country, including drought-prone areas
- Agricultural research programs to develop saline, drought and flood-adapted high yielding
- Varieties of rice and other crops, based on the traditional varieties evolved over centuries by Bangladeshi farmers;
- Coastal 'greenbelt' projects, involving mangrove planting along nearly 9,000 km of the shoreline.

The Climate Change Action Plan

- Over the last 35 years, the Government of Bangladesh has invested over $10 billion with the help of development partners to make the country less vulnerable to the impacts of climate change.

- The Climate Change Strategy and Action Plan has been developed by the Government of Bangladesh in consultation with civil society, including NGOs, research organizations and the private sector. It builds on the National Adaptation Programme of Action(NAPA), published in 2005.

The Climate Change Action Plan

- It will be implemented under the overall guidance of the National Environment Committee, chaired by the Chief Adviser. It will be coordinated by concerned Ministry of Environment and Forests. Programs funded under the Plan will be implemented by Ministries or their agencies, with the involvement, as appropriate, of civil society and the private sector.

The Climate Change Action Plan

- The Climate Change Action Plan is a 10-year program (2009-2018) to build the capacity and resilience of the country to meet the challenge of climate change.

- The needs of the poor and vulnerable, including women and children, will be mainstreamed in all activities under the Action Plan.

- In the first five year period (2009-13), the program will comprise six pillars:

The Climate Change Action Plan

- Six Pillars:
  - 1. Food Security, Social Protection and Health
    - "to ensure that the poorest and most vulnerable in society, including women and children, are protected from climate change and that all programs focus on the needs of this group for food security, safe housing, employment and access to basic services, including health."
  - 2. Comprehensive Disaster Management
    - "to further strengthen the country's already proven disaster management systems to deal with increasingly frequent and severe natural calamities."

The Climate Change Action Plan

- (Six Pillars)
  - 3. Infrastructure
    - "to ensure that existing assets (e.g., coastal and river embankments) are well-maintained and fit-for-purpose and that urgently needed infrastructure (e.g. cyclone shelters and urban drainage) is put in place to deal with the likely impacts of climate change."
  - 4. Research and Knowledge Management
    - "to predict the likely scale and timing of climate change impacts on different sectors of the economy and socioeconomic groups; to underpin future investment strategies; and to ensure that Bangladesh is networked into the latest global thinking on climate change."

The Climate Change Action Plan

- (Six Pillars)
  - 5. Mitigation and Low Carbon Development
    - "to evolve low carbon development options and implement these as the country's economy grows over the coming decades."
  - 6. Capacity Building and Institutional Strengthening
    - "to enhance the capacity of government ministries and agencies, civil society and the private sector to meet the challenge of climate change."

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