

Implementing a Simplified RESULTS FRAMEWORK

BANGLADESH - SPCR



Ministry of Environment & Forests and
Ministry of Finance
Government of the People's Republic of Bangladesh

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SPCR Bangladesh

A Country Most Vulnerable to Impacts of Climate Vulnerability and Climate Change

Presentation Outline

- Challenges of Climate Change to Development in Bangladesh
- Applying the Results Framework
- Overall Goals and Expectations from the PPCR investments



As a country most vulnerable to climate change...

- one of the highest population densities worldwide
- about 40% of current population of 150 million live below the poverty line
- a low lying delta, farmlands are susceptible to daily and seasonal flooding
- increasing frequency and intensity of natural climate related disasters including salt water intrusion

The key challenges in tackling climate change are ensuring food and water security, managing disaster risk, protecting infrastructure, maintaining health and energy security, and tackling forced migration and overall environmental degradation

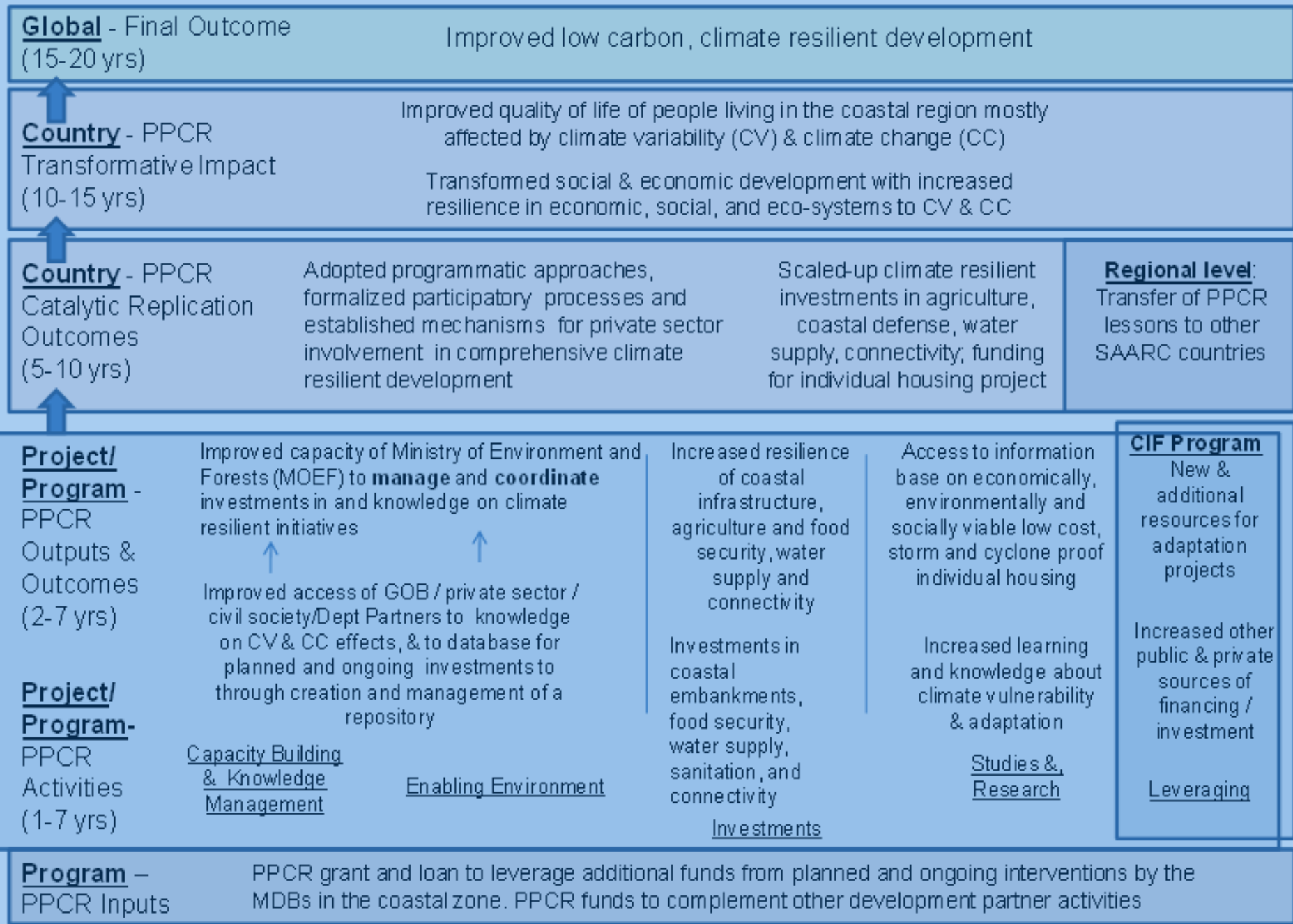
...adaptation is a fundamental development priority to achieving the MDG Goals



Some Effects of Climate Change



Results Framework: Bangladesh Pilot Program for Climate Resilience (PPCR)



Results Framework has guided prioritization of investments and TA , design and implementation Plans

→ PPCR Leveraging Potential

The PPCR is leveraging substantial climate financing from the ADB, IFC, the World Bank and other bilateral and multilateral development agencies. A total of US\$110 of PPCR support (US\$ 50 million grant and US\$ 60 million PPCR concessional loan) has attracted US\$ 450m in co-financing from ADB, WB, GoB and KFW (Germany) with possible additional support from other partners.

→ Specific Investments (Projects and Programs)

Geographical Focus: Coastal Zone of Bangladesh

A. Capacity Building and Enabling Environment

Technical Assistance: Climate Change Capacity Building and Knowledge Management

B. Investments

Investment Project 1: Promoting Climate Resilient Agriculture and Food Security

Investment Project 2: Coastal Embankments Improvement and Afforestation

Investment Project 3: Coastal Climate Resilient Water Supply, Sanitation, and Infrastructure Improvement

3a. Climate Resilient Infrastructure Improvement in Coastal Zone Project

3b. Coastal Towns Infrastructure Improvement Project

C. Studies and Research

Technical Assistance 2: Feasibility Study for a Pilot Program of Climate Resilient Housing in the Coastal Region

→ Replicable Outcomes

Programmatic approaches, formalized participatory processes and mechanisms for private sector involvement in comprehensive climate resilient development: (IFC developing a broader strategy for engaging private sector)

Scaled-up climate resilient investments in agriculture, coastal defense, water supply, connectivity; funding for individual housing project

Regional collaboration and South-South Knowledge exchange: Governments of Bolivia and Bangladesh exchanged and shared experiences on SPCR process. In June 2011, a team from the World Bank Corporate Communication visited Nepal and Bangladesh to shoot a documentary on PPCR interventions. In Bangladesh, the team visited the coastal area to highlight its vulnerability to climate change.



SPCR Interventions

Investment Project 1: Promoting Climate Resilient Agriculture and Food Security

Objectives

- Livelihood diversification through adaptive agriculture
- Scaling up climate resilient varieties of rice and crops including efficient irrigation system
- Early warning system for farming communities for field crop protection

Responsible MDB: IFC

Key Result: Agricultural products and practices that are adapted to the changing agro climatic conditions of the coastal zones ensuring food security and livelihoods for the most vulnerable

Government Implementing Agencies: Dept. of Agricultural Extension (DAE) of the Ministry of Agriculture and Bangladesh Meteorological Department (BMD)

Total Project estimate: \$13.1 million (including \$0.1 million for studies)

PPCR Request: \$3.1 million grant and \$10.0 million concessional financing



SPCR Interventions – cont'd

Investment Project 2: Coastal Embankments Improvement and Afforestation

Objective:

- Embankment stabilization, internal polder water management, afforestation

Responsible MDB: World Bank

Key Result: Strengthened coastal embankments to withstand daily, seasonal and erratic climate induced disasters including floods and cyclonic storms

Government Implementing Agencies: BWDB, the Forest Department (FD) and the Bangladesh Forestry Research Institute (BFRI)

Total Project estimate: \$325 million

PPCR Request: \$25 million grant

Co-Financing: Proposed \$300 million IDA credit



SPCR Interventions – cont'd

Investment Project 3a: Project 3a: Climate Resilient Infrastructure Improvement in Coastal Zone Project

Responsible MDB: ADB

Expected Outputs:

- (i) road connectivity improved and climate-proofed; (ii) marketing facilities upgraded with specific provision for climate vulnerable groups and women; (iii) capacity for climate-resilient infrastructure management improved; and (iv) improved knowledge management on climate resilience capturing replicable experience and lessons from project implementation to adopt in similar areas in the country and the region

Government Implementing Agencies: LGED

Total Project estimate: US\$90 m: US \$ 30m PPCR fund (\$10m grant+\$20m concessional loan), ADB-\$20m, KfW- \$17 m (co-finance) and \$23m from GoB



SPCR Interventions – cont'd

Investment Project 3b: Coastal Towns Infrastructure Improvement Project

Responsible MDB: ADB

Expected Outputs:

- The project will provide climate resilient water supply, sanitation, drainage, and flood protection infrastructure to vulnerable coastal towns with limited access to basic urban services that are also at high risk to climate change impacts.

Government Implementing Agencies: LGED

Total Project estimate: Total \$120.4m; PPCR-\$40.4 (\$30 m concessional loan+\$10.4 m grant), ADB-\$60m, GOB- \$20m



SPCR Interventions- cont'd

Technical Assistance 1: Climate Change Capacity Building and Knowledge Management

Equip MOEF with requisite human resources and technology for managing and coordinating investments in and knowledge on climate resilient initiatives

- **Responsible MDB:** ADB
- **Government Counterpart:** MOEF
- **PPCR Request:** \$0.5 million grant



SPCR Interventions- cont'd

Technical Assistance 2: Feasibility Study for a Pilot Program of Climate Resilient Housing in the Coastal Region

Requisite information base for making economically, environmentally and socially investment decisions on low cost, storm and cyclone proof individual housing for coastal population and their livestock

Responsible MDB: IFC

Government counterpart: MOFDM/LGED

PPCR Request: \$0.4 million grant



Overall Expectations

- Improved quality of life in the coastal zone
- transformed development that is climate resilient

- Increased resilience of coastal infrastructure to climate induced seasonal and natural disasters
- Reduced water and soil salinity and improvements in agricultural and fisheries production
- Improved capacity of MOEF to manage and coordinate investments in and knowledge on climate resilient initiatives
- Improved leveraging of public and private financing for climate resilient development



Monitoring Implementation of the Results Framework

- Each Implementing Agency will monitor its own set of project/TA indicators
- As the Focal Point for PPCR, MoEF will be responsible for overall monitoring of the framework





Questions?

Comments?

Thank you!

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