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Evaluating Impact: Turning Promises into Evidence

Community Climate Change Program

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1. Background

Climate risk

- ❑ Climate change impact is predicted to decrease agricultural GDP by 3.1% each year with losses to household consumption
- ❑ Climate risks include tropical cyclones, sea level rise, saline water intrusion, erratic behavior of rainfall, temperature extremes, drought, flooding etc.

Government Response

- ❑ Bangladesh Climate Change Strategy and Action Plan (BCCSAP) 2009
- ❑ Bangladesh Climate Change Trust Fund (BCCTF)
- ❑ Bangladesh Climate Change Resilience Fund (BCCRF): Government programs and Community Climate Change Program (CCCP)

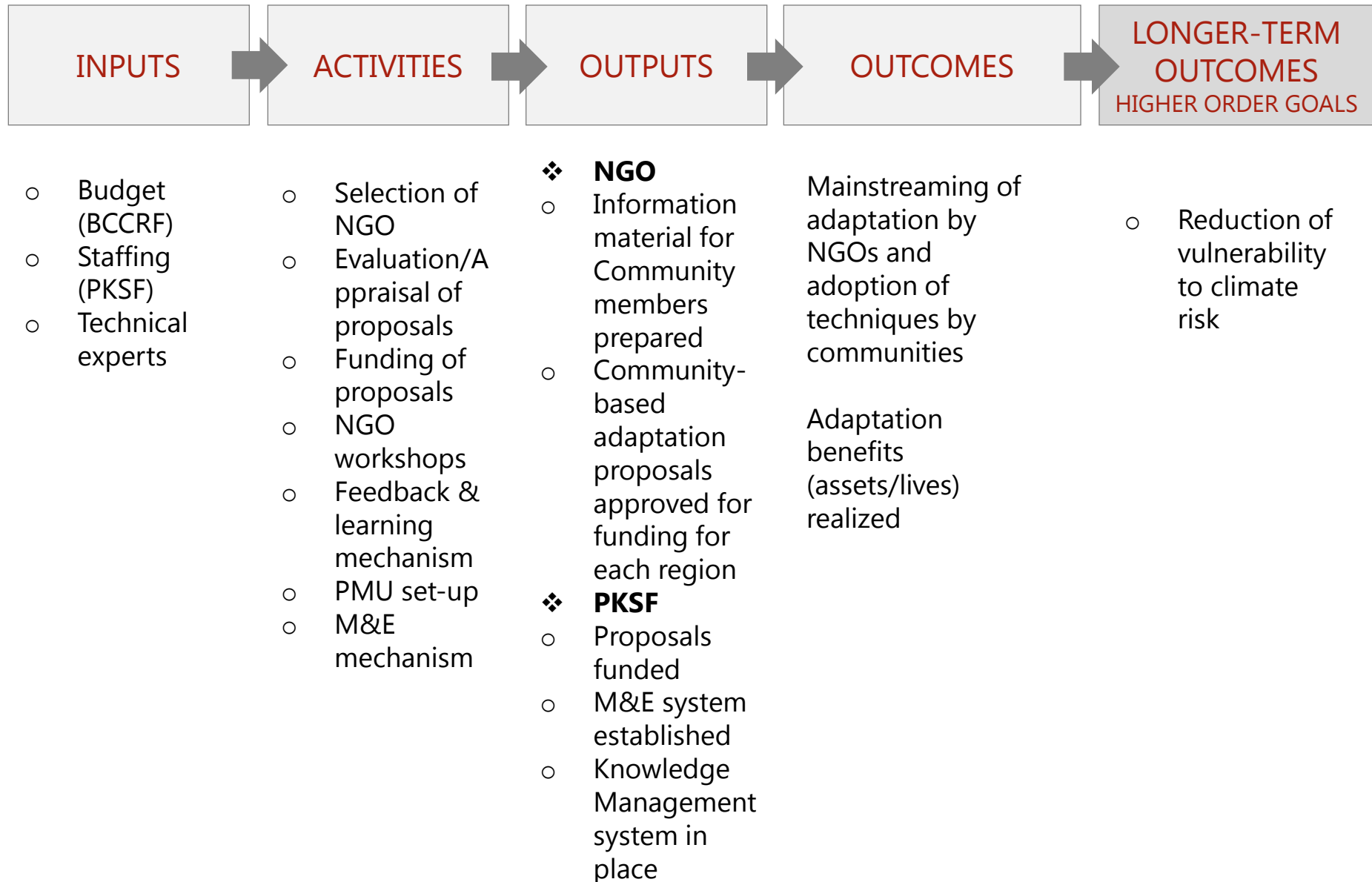
Project Development Objective

- ❑ **To build the resilience of local communities to climate change risks in flood, drought, and coastal regions**

2. Description of Intervention

- Establish a financing mechanism for competitively providing grants through NGOs to communities for adaptation
- Providing grants to selected NGO proposals for community-based adaptation

3. Results Chain



4. Primary Research Questions

- ☐ Is this grant financing mechanism effective for promoting adaptation?
- ☐ Have the community members adopted the adaptation techniques?
- ☐ Has CCCP decreased loss of lives and assets due to climate events?

5. Outcome Indicators

Mainstreaming and adoption

- Number of funded NGOs that have mainstreamed climate change adaptation design into their own programs
- Number of HHs who have adopted their selected adaptation options

Adaptation Benefits

- Number of lives lost in comparable climatic events
- Value of assets perished in comparable climatic events
- Number of people migrated due to climate change

6. Identification Strategy/ Method

- ❑ **Methodology:** Randomized assignment of villages within the NGO project area over 3 years
 - ❑ **Treatment group:** Villages stratified in 1st year (and 2nd year)
 - ❑ **Control group:** Untreated villages
- ❑ **Difference-in-differences**

7. Sample and Data

- ❑ Baseline (1st year)
 - ❑ Surveys of NGOs in the flood, drought and coastal regions
 - ❑ HH surveys in 150 villages for each selected project site (x10 projects)
 - ❑ Sampling 30 households in each village (total 45,000 HH)
- ❑ Impact evaluation (2nd year)
 - ❑ Surveys of NGOs in the flood drought and coastal regions
 - ❑ HH surveys in 150 villages for each selected project site
 - ❑ Sampling 30 households in each village (total 90,000 HH)
- ❑ Impact evaluation (3rd year)
 - ❑ Surveys of NGOs in the flood drought and coastal regions
 - ❑ HH surveys in 150 villages for each selected project site
 - ❑ Sampling 30 households in each village (total 135,000 HH)

8. Time Frame / Work Plan

		Yr 1	Yr 2	Yr 3
Coastal (YR1)	Call for concept notes			
	Selection of NGOs			
	Call for proposals			
	Selection of proposal			
	Awarding of grant			
	Baseline			
	Follow-up 1			
	Follow-up 2			

9. Sources of Financing

- ❑ Bangladesh Climate Change Resilience Fund (BCCRF)

Budget???? US\$600,000??? For 135,000 HH surveys

Thank you