Identifying and Appraising Adaptation Projects—Experiences of NABARD

National Bank For Agriculture And Rural Development, INDIA
Development Finance Institution owned by Government of India with a mandate for sustainable agriculture and rural development

Products & Services include: NRM interventions, credit facilitation, rural infrastructure development, microfinance, financial inclusion, etc.

Financial intermediation through credit and developmental interventions

Well-defined NRM policy

Balance Sheet Size: USD 41.6 Billion
NRM—Unique Programmes of NABARD

★ Watershed Development Programmes
★ Tribal Development through sustainable livelihood
★ NRM based rural livelihood projects under UPNRM
★ Climate Proofing Projects

Key Features
★ Sustainable Natural Resources conservation and resource based livelihood planning
★ Community involvement in planning, implementation, resources management and monitoring,
★ Environment sustainability
★ Addressing social issues—women empowerment, health, drinking water, sanitation
NABARD – NRM PORTFOLIO

**Watershed Projects**
- Coverage of 1.8 m ha in 1800 watershed projects, 1.37 million people across 3424 villages covered
- Total support US$ 260 million
- Supported from dedicated funds as grant and / or loan for participatory watershed projects

**Tribal Development Projects**
- 556 projects covering 0.38 m tribal families
- US$ 345 million grant assistance for Agri-horti based livelihood covering 0.14 m ha
- US$ 293 million assistance through community institutions

**UPNRM**
- Unique model for loan based interventions
- Sectors covering Agriculture, post harvest mgmt & marketing,
- 169 projects with loan assistance of US$ 67 million
- Need based grant assistance

**Other Interventions**
- Support for promotion of rural innovations, rural community institutions, Farmers’ organizations, R & D in agriculture / rural sectors
NABARD’S CLIMATE CHANGE PROTFOLIO

• Climate Change Adaptation (CCA) Project in Semi-Arid Region of Maharashtra State: covering 25 vulnerable villages, about 18000 ha of agriculture land (USD 5.8 million).- collaboration with SDC

• Climate Proofing of Watershed Projects: Collaboration with GIZ
  • Arid Region of India – Rajasthan
  • Semi-Arid Region of India – Tamil Nadu.

• Mitigation Interventions through Rural Infrastructure Finance Portfolio: solar energy, energy plantation, energy efficiency, forestry projects, etc.
KEY INNOVATIONS

Policy linked Multi-Institutional collaboration with National and International agencies

Water Security: Water Budgeting & Water Use Efficiency

Weather-based Agro-Advisories (AGRI-MATE)

Cluster-based Integrated Ecosystems Management

Tool Kits, IT-enabled Planning, Assessment and Monitoring Systems (CASDAAT, VA, LM3,...)

Sustainable Agriculture -Integrated Crop-Water-Nutrient-Pest Management

Cluster based Green Livelihoods & Biodiversity
NABARD’s Preparedness Interventions Post NIE Accreditation
Project Proposals / Concepts Submitted

Projects Concepts Endorsed by AFB

- Building climate resilience agriculture and water management in Tamil Nadu and Rajasthan states (USD 1.227 million)
- Improving the adaptive capacity of fishermen in Madhya Pradesh state (USD 1.738 million)
- Developing climate resilient livelihood systems for rural farmers in West Bengal state (USD 2.534 million)

Fully Developed Projects Submitted

- Conservation and Management of Coastal Resources as a Potential Adaptation Strategy for Sea Level Rise
- Climate Smart Actions and Strategies in North Western Himalayan Region for Sustainable Livelihood of Agriculture Dependent Communities
NABARD’s NIE Preparedness Interventions

- Awareness Creation – National Level Interface Meet
- Capacity Building of Stakeholders
- Capacity Building of NABARD officers
- Streamlining of internal processes
- Interface with Government & Public Bodies

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Taking Rural India >> Forward
Identification of potential adaptation projects

- Experiences and learning from implementation of NRM and CCA projects
- National Level Interface on Climate Change Adaptation
- Interface with Government & Public Institutions
- Stakeholders consultations – GiZ, KfW, NGOs
- Regional/ State Level Workshops
- Framing Guidelines on Proposals and their submission
- Information / knowledge dissemination through NABARD website, NRM networks, blogs, etc.
Capacity Building of Project Proponents

- Identification potential project proponents
- Development of training module for AFB proposal submission
- Regional level capacity building meets & workshops
- Training programme through NABARD’s Training Establishment - BIRD
- Guidelines on Environmental & Social Policy communicated with project proponents
- Interaction meets with State/Regional Government Departments
- Project scrutiny by consultants and feedback to EE’s (ADAPT Asia-Pacific and GIZ support)
Capacity Building of NABARD Officers

Collaboration with GIZ

- Training Need Assessment for taking-up Adaptation Projects
- Development of Crash Course (3 days) duration
- Detailed Module (5 days) duration pilot tested through NABARD’s Training Establishment
  - Project formulation
  - Appraisal
  - Monitoring & Evaluation
- Mainstreaming of Climate Change Adaptation training in NABARD’s regular training curriculum.
Project Prioritization

- Alignment with the National Action Plan on Climate Change & State Action Plan on Climate Change
- Vulnerability assessment/ levels
- Sectorial / Geographical Spread
- Sustainability and mainstreaming possibilities
- Capacity / preparedness of Executing Entities – rating tools/ screening criteria
Scrutiny / Appraisal Processes

• Pre-submission consistency check for project/programme eligibility
• Concrete adaptation check
• Process check
• Stage 1: screening criteria and score card for EEs
• Stage 2: technical scrutiny and review comments
• Pre-submission Completeness Check
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AFB: Adaptation Fund Board; DA: Designated Authority; NIE: National Implementing Entity; PIA/PIE: Project Implementing Entity/Agency; PRC: Program Review Committee.
Key Learnings from the process

- Community involvement in assessing vulnerability and designing adaptation interventions.
- Capacity building of EEs most critical for proposal submission.
- Aligning with the State/Regional and National Policies.
- Projects need to be prioritized based on vulnerability and sustainability consideration for wider sectorial/geographical spread.
- Emphasis need to be on mainstreaming/sustainability requirements.
THANK YOU