

Identifying and Appraising Adaptation Projects— Experiences of NABARD



**National Bank For Agriculture And
Rural Development,
INDIA**

ABOUT NABARD



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, micro finance, 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 PORTFOLIO



- 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



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

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

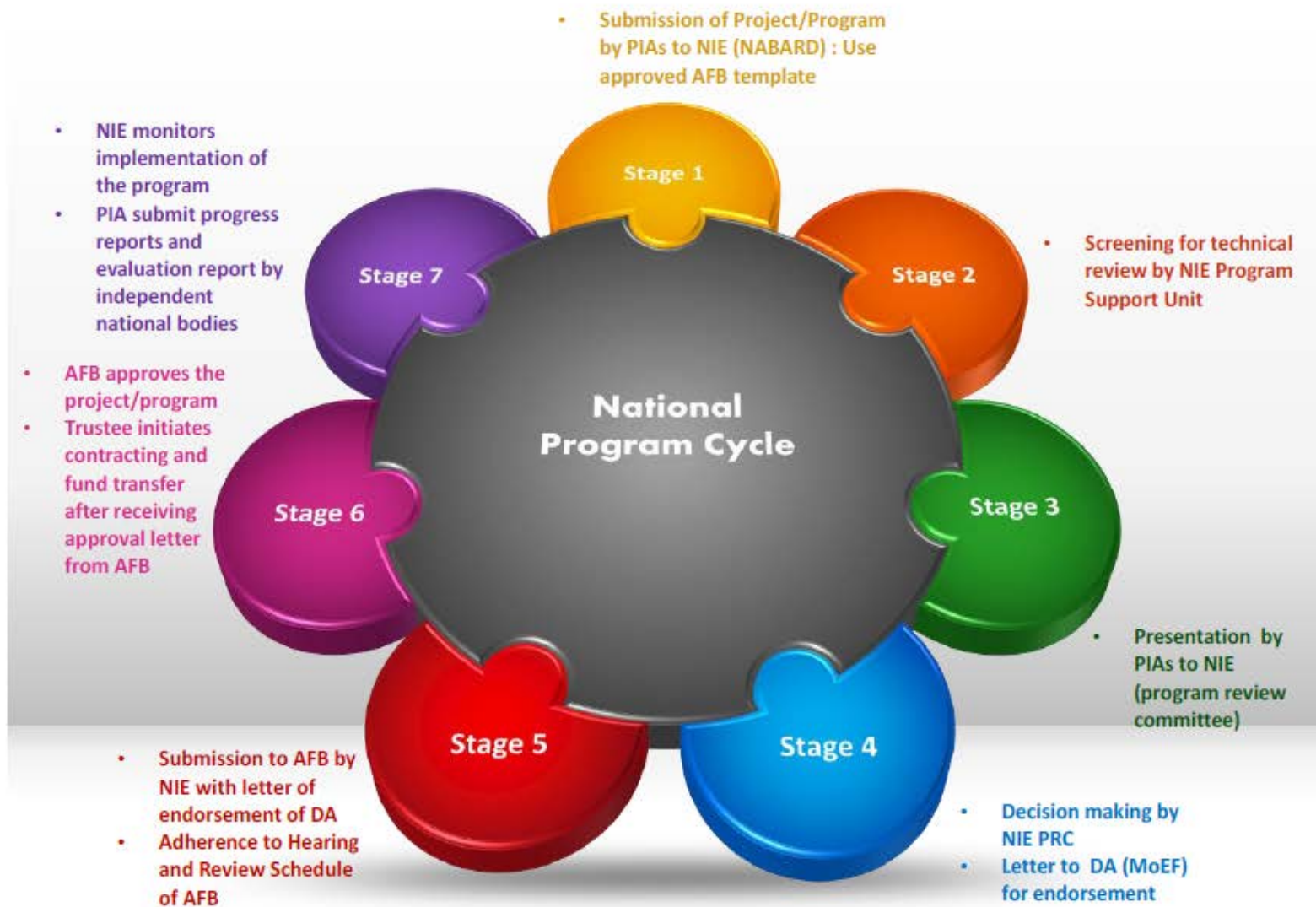
- Training Need Assessment for taking-up Adaptation Projects
- Development of Crash Course (3 days) duration
- Detailed Module (5 days) duration pilot tested through NABARD's Training Establishment
 - Project formulation
 - Appraisal
 - Monitoring & Evaluation
- Mainstreaming of Climate Change Adaptation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



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



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THANK YOU