



Regional webinar for Asia-Pacific and East Europe - 29 June 2021

NABARD (NIE) India

Structure of presentation



**Status of implementation of
AFB projects in India**

**NABARD's accreditation and
Re-accreditation as NIE to AFB**

**A case study of successful
AFB project in India**

**Select photographs of
Good practices of AFB project**



About NABARD



Development Bank of India

- Mandated for Sustainable and Equitable Rural Prosperity

PAN India Presence

- 31 ROs, 430 District Offices, 7 Specialised Subsidiaries, 2623 officers and specialists

Rural Partners

(3000+ CSOs/NGOs/VAs, > 25000 Farmers Club, 4500 FPOs, >9.0 million SHGs)

Major Functions

- Credit & Refinance
- Funding rural infrastructure
- Developmental Initiatives
- Supervision of Rural Cooperative & Rural Banks
- Policy Advocacy

Balance Sheet Size -
US \$- >88 Billion
(2020-21)

Loan Portfolio Size
- US \$ > 80 Billion
(2020-21)



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AF projects : Status and impact potential in India



6

**Projects under
Implementation**

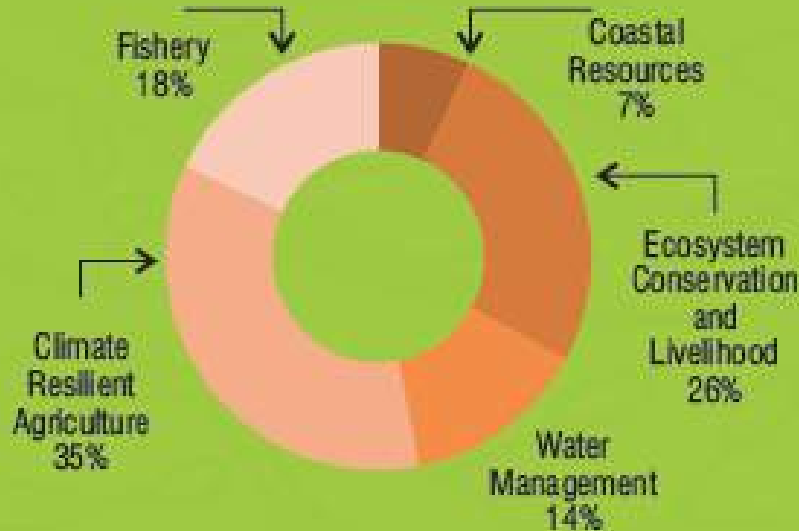
0.11 Million

**Direct & Indirect
beneficiaries**



Project impact Areas

USD 9.58 Million
Amount Sanctioned



**Covers 19
Districts**

Location of AF projects in India



Climate Proofing of Watersheds in TN and Rajasthan
A: USD 1.344 M
PB: 27,696 (Cumulative)



Landscape Restoration in Kanha-Pench Corridor (MP)
A: USD 2.55 M
PB :



Building Adaptive Capacities of Small Inland Fisherman
A: USD 1.79 M
PB: 1,008



Climate Smart Agriculture for Sustainable Livelihoods
A: USD 0.969 M
PB: 8,00



Enhancing Adaptive Capacity of S&M Farmers
A: USD 2.51 M
PB: 22,596




Coastal Resource Conservation for Climate Adaptation
A: USD 0.69 M
PB: 3,905



Climate Proofing of Watersheds in TN and Rajasthan
A: USD 1.344 M
PB: 27,696 (Cumulative)



Legend	
	-----> States where AF Projects are Sanctioned
A	-----> Amount in USD Million
PB	-----> Project Beneficiaries



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Readiness grant proposals of AF

Sl. No.	Project Name	Sanctioned Amount (USD)	Remarks
1	South-South Co-operation for ESG framework	\$ 25000	Completed
2	South-South Co-operation for NIE identification in Afghanistan	\$ 50000	Ongoing



NABARD's Accreditation and Re-accreditation as NIE to AF



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What is Accreditation to AFB?

- To ensure that NIE follows fiduciary and management standards while accessing financial resources of the AF.
- The shortlisted NIE will undergo an assessment for accreditation to make sure the entity adheres to sound accreditation standards and implements effective social and environmental safeguards.



Fiduciary & Management standards

- Financial integrity and management
- Institutional capacity
- Transparency and self-investigation powers
- Legal status
- Effective social and environmental safeguards



Accreditation Process



1. Nomination: An entity that meets the accreditation standards nominated by Designated Authority

2. Application: The nominated entity submits an accreditation application and supporting documentation through AF Workflow online system.

3. Screening by AFB: The secretariat screens the application for completeness

4. Review by the Accreditation Panel: Forwarded to the Accreditation Panel for review.

5. Accreditation Panel recommendation: The AFB approves the recommendation



Sequence of events for Notification of NABARD as NIE by AFB



- **Advertisement dated 15 August 2010 calling for application for NIEs of AF under Kyoto protocol by MoEF(NDA), Govt of India**
- **Submission of application by 30 August 2010 to for selection of NABARD as one of the eligible agency for becoming NIE**
- **MoEF approved NABARD's suitability on 26 July 2011 for submission of application to become NIE**
- **Submission of application as per AF template to MoEF for endorsement on 03 August 2011**
- **Quarries from AFM and submission of reply by NABARD on 11 Dec. 2011**
- **NABARD approval in 11 the meeting at Bonn (Germany) during 28-29 June 2012 for five years**



Advertisement for NIE of AF



701/1510/2

F. No. 6/1/2010-CC
GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT & FORESTS

Call for proposal for National Implementing Entities (NIEs) of Adaptation Fund set up under Kyoto Protocol

Ministry of Environment & Forests, invites applications from eligible institutions and bodies for selection as National Implementing Entity (NIE) of the Adaptation Fund set up under the Kyoto Protocol of the United Nations Framework Convention on Climate Change (UNFCCC), 1992.

2. Adaptation Fund has been set up under the Kyoto Protocol (1997) by decision of the Parties (taken in CMP.3) with resources to be generated from sale of a certain proportion of certified Emission Reductions under the Clean Development Mechanism. An Adaptation Fund Board (AFB) had been set up by a decision of the Parties in 2008 to supervise the operation of the Adaptation Fund and to approve projects for adaptation activity in eligible developing countries. India as an eligible country has access to Adaptation Fund and can seek financial support to undertake adaptation activities at national and regional level.

3. As per the guidelines of AFB which can be accessed at www.adaptation-fund.org the projects can be prepared and submitted by the NIEs to the Designated Authority of the National Government for endorsement to the Adaptation Fund Board Secretariat for consideration and sanction.

4. The NIE will be accredited by the AFB on recommendations of the national government and will be accountable to the AFB for all funds received from the Fund for project and programmes. The NIE may appoint Executing Entities to execute projects and programmes under its oversight.

5. With a view to identify and select NIEs for preparation, submission and implementation of adaptation projects in India, this notice is hereby given and applications in the format as given in Annexure I are invited. The applicant Agencies must meet the fiduciary and management standards as contained in Annexure II of the operation policies and guidelines for Parties issued by the AFB for accessing resources from the Adaptation Fund. The guidelines are available on the AFB website http://www.adaptation-fund.org/images/AFB_Operational_Policies_and_Guidelines.pdf. A copy of the relevant guidelines/criteria may also be obtained from this Office by addressing the undersigned at Email: ssatapathy-mef@nic.in

6. Interested agencies/bodies may submit their application to the Ministry of Environment & Forests for consideration and selection as NIE and eventual accreditation by AFB. The application and the required information should be submitted on or before 30th August 2010 to:

Mr. Rajani Ranjan Rashmi
Joint Secretary (Climate Change)
Room No. 418, Paryawaran Bhawan
Ministry of Environment & Forests
CGO Complex, Lodhi Road
New Delhi-110 003.

Approval by AFB



ADAPTATION FUND

1818 H Street, NW
MSN P4-400
Washington, DC 20433 USA
Tel: 202.458.0580
Fax: 202.522.3240/3245
E-mail: secretariat@adaptation-fund.org

11 July 2012

Ref: 2012/56

Mr. Rajender (Singh) Bide
National Bank for Agriculture and Rural Development
NABARD
India
dpd.fs@nabard.org
rajender.bide@gmail.com

Dear Mr. Bide,

I have the pleasure to inform you that the Adaptation Fund Board at its eighteenth meeting, held on 28-29 June 2012 in Bonn, Germany, has decided to accredit National Bank for Agriculture and Rural Development (NABARD) as the National Implementing Entity for India.

Please refer to Decision B.18/2 (decision number to be confirmed), contained in the Annex of this letter, for the advanced text of this decision.

Please do not hesitate to contact the Adaptation Fund Board secretariat if you have any questions or concerns.

Sincerely,

Marcia Levaggi
Manager
Adaptation Fund Board Secretariat

Re-accreditation for five years (upto 26 Dec. 2022)



Legal Status



Financial statements including projects account statements and the provisions for internal and external audit



Policies and frame work to deal with financial mismanagement and other form of malpractices



Commitment by the NIE to apply the Funds for the ESG policy



Mechanism to deal with the complaints on ESG harms by the Projects/ Programmes

MIS & Monitoring (Record and reporting mechanism to AFB)



- Annual Project Performance Reports (PPRs)– **Within two months of completion financial year**
- Mid Term Evaluation(MTR) – **During the course of implementation (with in four years)**
- Project Completion Reports (PCR) – **With in six months of completion of project**
- Final Evaluation Reports – **With in 9 months of completion of project**
- Final Audit Statement – **With in six months after the completion of financial year of EE**



A case study of successful AF project in AP (India)



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Brief about the project



Name of project	Conservation and management of coastal resources as a potential adaptation strategy for sea level rise
Executing Entity	M. S. Swaminathan Research Foundation (MSSRF)
Project sanction date	10/10/2014
Start Date	23/06/2015
AFB support Sanctioned	INR 4.14 Crore (USD- 689264) (Project component- 3.81 Crore, NIE fee- 32.40 lakh)
Amount Transferred by AFB	INR- 3.81 Crore
Amount Transferred to EE including NIE	INR- 3.81 Crore to EE INR- 32.40 Lakh to NABARD as NIE



Project goal & objective

Goal

- Enhance the adaptive capacities of the local community and other stakeholders by restoration and management of coastal resources

Objectives

- To assess the baseline situation to monitor the vulnerabilities due to predicted climate change on natural and social systems and capture the current coping mechanisms and adaptive strategies
- To train and built the capacity of the stakeholders on adaptive capacities and strengthening livelihood activities
- To integrate ecological security and livelihood security of coastal ecosystems and dependent communities through establishing mangrove bioshield
- To develop and demonstrate replicable models of seawater based agro-aqua farming system as a potential means to adapt climate change effects and sea level rise



Project Location:

Krishna Delta – Andhra Pradesh



Krishna delta covers an area of about 4600 sq. km; Highly vulnerable to CC Disasters especially cyclones; Floods and droughts are also affect the area; Livelihoods – Fishery; agriculture and aquaculture; Coastal salinity; Seasonal migration; 4.5 million people

Landuse: 55% under agriculture
9% forest including mangroves
0.8% aquaculture

Vulnerability Assessment

- Repeated cyclones
- Flooding in village
- Salt water intrusion affecting agriculture, aqua culture, fresh water sources and human habitation
- Depletion in fish resources resulting in non-availability of fish and fishermen's livelihood becomes dicey.
- High number of single women and elderly women
- Many live in huts and also in low lying area.



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Vulnerability Assessment (Cont..)

- Water and fodder availability for livestock is scarce especially during summer
- Salinization of ground water and soils after 1977 cyclone disaster.
- Drought due to lack of rains as well as discharge of less water for the agriculture crops
- Loss of biodiversity due to overfishing/environmental pollution
- Intensity and frequency of cyclones increased. Vulnerability to cyclones is high as the village is within 5 km range from the coast.



Social vulnerability

1.Sorlagondi village

- Vulnerable people: Adults 153; 45 female headed families;
- Total houses: 473; Pucca 262; Semi Pucca 76; huts 135

2.Nali village

- Total houses: 296; Pucca 118; Semi pucca 53; huts 123
- Vulnerable people: Adults 85;pregnant and lactating mothers 17, widows/single women 44 and people with special needs 28.

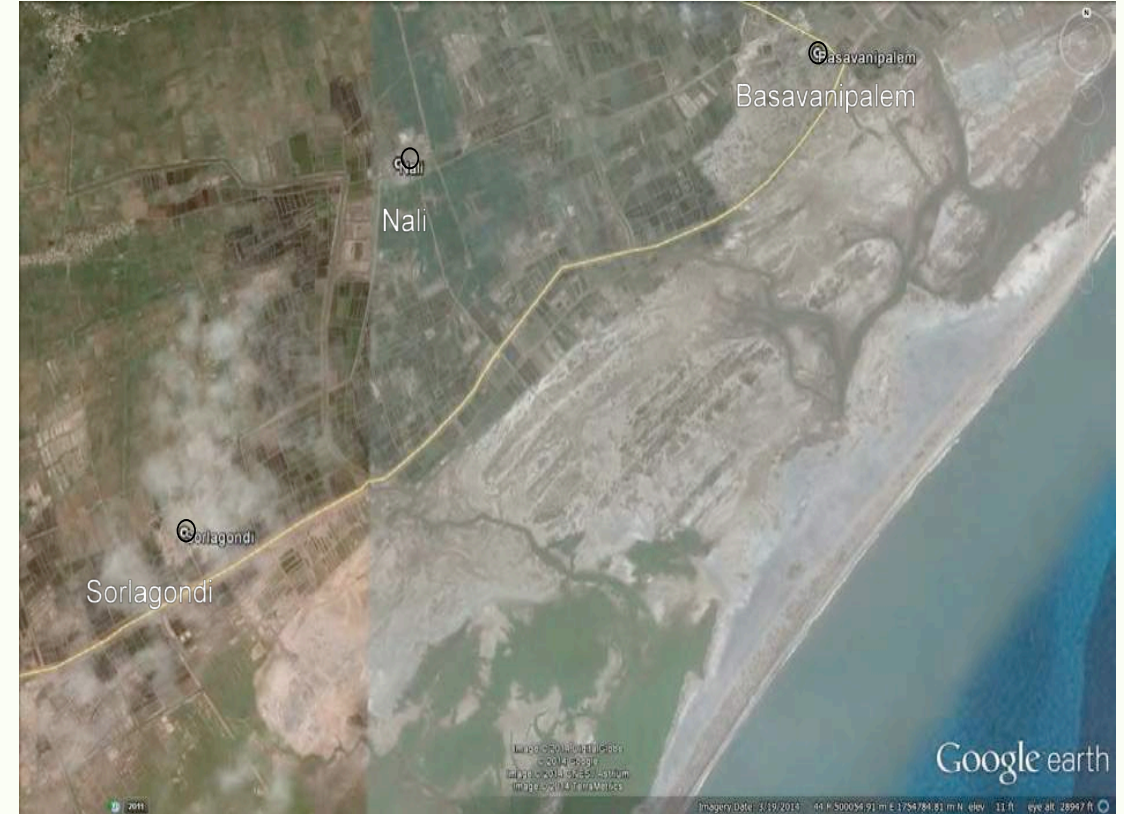
3.Basavanipalem village

- Total houses: 52; Pucca 49; huts 3
- Vulnerable people: Adults 9; widows/single women 13 and people with special needs 6.



Concrete adaptation actions

1. Community mobilization and organization in three villages – Gender balanced village level institutions
2. Capacity building for coastal protection and livelihoods - 200 people trained on mangrove restoration, IMFFS and fish culture



Concrete adaptation actions (contd..)

3. Mangrove conservation - 200 ha of replanted mangrove area close to villages for coastal protection
4. Demonstration of Integrated mangrove based fishery livelihoods
 - 50 ha IMFFS farm developed in abandoned shrimp farms
 - 10 Pen and cage culture for crabs, prawn and cockles developed
5. Knowledge Management for Improved Coastal Protection – information dissemination, workshops at district / state level



Status of progress

Progress on Key Milestones	Expected Progress	Progress to Date
Community mobilized and organized in 3 villages - Village level institutions formed in each village	Establishment of 3 Village level institutions	Completed
Orientation of the stakeholders in Climate change, Sea level rise and Adaptation strategies	Orientating 1500 members of the community	Oriented More than 1500 members on issues related to Climate Change, Sea Level Rise and Adaptation strategies
200 stakeholders to be trained on mangrove restoration	120 members of the community; 25 FD staff and 55 other stakeholders trained in mangrove restoration	About 100 members of the community were trained in mangrove nursery development, canal alignment, digging and planting of saplings. 25 members of the forest department were trained in mangrove restoration techniques ;

Status of Progress (conti...

Replanted mangrove area close to 3 villages for future coastal protection	200 ha of mangroves restored	Completed
Established central mangrove nursery serving the needs of the 3 project villages	3 lakhs saplings raised in the central mangrove nursery	Completed
Two models of IMFFS demonstrated with the participation of local community and stakeholders	50 ha area to be demonstrated under two models of IMFFS	Completed ; 3 years – 3-4 harvests; Crabs initially; Now sea bass and shrimps
Cage Culture	10 cages installed (6 + 4)	Completed; 2 Harvests
Resource materials prepared for dissemination among various stakeholders	Development of 4 pamphlets as resource material	5 pamphlets as resource material developed and published

Replication & learning efforts

- **Restoration of degraded Mangroves – GCF and ENCORE (World Bank) projects**
- **Cage culture - NFDB, State Govt.(AP); CMFRI, Tata Trust and other agencies**
- **IMFFS – NEWS NGO in Kolkatta (West Bengal- India) started in Sunderbans; MSSRF applied a project in Odisha (India) under ENCORE (World Bank) project support**



Cost effectiveness



Economic benefits of mangroves

- Availability of commercially important wood and non-wood products
- Aquatic products such as fish, prawn, crab, mussel and oysters.
- The annual economic values of mangroves, (estimated by cost of products and services) \$0.2m-\$0.9m equivalent per ha
- Value of Malaysian mangroves with respect to storm protection and flood control assessed at \$0.3 m per km vis a vis replacing with rock walls

IMFFS / other livelihoods are zero energy based – no pumping or aerators required



Sanction of project by AFB - time lines

1. Stake holders consultation – 21 & 22 June 2013
2. Joint consultative meet & joint visit to project area– 26 September 2013
3. Preparation of PCN – 08 October 2013
4. Approval of PCN by MoEF (NDA) – 27 November 2013
5. Preparation of DPR – 14 March 2014
6. Appraisal and submission of DPR to MoEF (NDA) – 22 June 2014
6. Clearance by MoEF (NDA) – 17 July 2014
7. Submission of clarification to quarries of AFB – 25 August 2014
8. Sanction of Project by AFB – 10 October 2014
9. Commencement date (inception meeting) – 23 June 2015
10. Project completion date : 22 June 2020 (extended upto 31 March 2021)
11. Status of project : Completed (pending conduct of National Seminar & some other small works)



Stake holders involved in the project

1. Department of Fisheries, Govt. of AP
2. Department of Forest, Govt. of AP
3. Department of Revenue, Govt. of AP
4. MSSRF (EE)
5. Praja Pragathi Seva Sangam (Partner NGO to MSSRF)
6. Rajiv Gandhi Centre for Aquaculture, Govt. of AP
7. National Center for Sustainable Aquaculture (MPEDA)
- 8 .NABARD (NIE)
9. MoEF &CC (NDA), Govt .of India
- 10 Community & local self government




Select photographs of project



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Vulnerable Houses



Mangrove Nursery



Planting of Mangrove seeds/seedlings



Abandoned shrimp farms in Nali village



Cage culture - Sea Bass



Crab culture in IMFFS ponds



Crab harvest in IMFFS ponds



Thank You

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