

NABARD'S INITIATIVES IN NATURAL RESOURCE MANAGEMENT



WATERSHED WORKERS



VERMICOMPOST SHED



NABARD



FARMER'S CLUB
IMPROVED PLOUGH



JUTE RIBBONER



JUTE RETTING



GRADE IMPROVES
BY 2 COUNTS

International Earth Day-22 April

NATIONAL BANK FOR AGRICULTURE AND RURAL DEVELOPMENT

WEST BENGAL REGIONAL OFFICE, KOLKATA

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समुद्र वसने देवी, पर्वत स्तन मण्डले
विष्णु पत्नी नमस्तुभ्यम् पाद स्पर्शम् क्षमाम्यहम्
...O devi, forgive me that I place my feet upon you

Such reverence for Mother Earth, is now to be seen in the realm of devotion or literature. The insatiable quest for economic well-being has led mankind to ravage the earth's resources so injudiciously, that now, as plant and animal species vanish, as resources become scarce and as life is increasingly fraught with unnatural disasters, we find ourselves on the brink of self annihilation. For the damage done, we must rely on the capacity of the earth to heal herself. But for the way ahead, we must now traverse a friendlier path- one that allows for regeneration and sustenance.

NABARD has done pioneering and innovative work in Natural Resource Management (**NRM**) both directly and indirectly. With a view to give more emphasis on the subject and focus on the activities on a bigger scale in East and North East, NABARD has set up a full fledged Natural Resource Management Centre (**NRMC**), at Kolkata. NRMC will focus on issues related to land, water and biotic resources including forestry keeping the national & global priorities in view, like food security, sustainable agriculture, climate change, energy security etc. For the purpose, NRMC would build and maintain a database and information & knowledge systems, take up studies, action research and consultancy, publish policy briefs and address capacity building needs in areas of NRM.



Laying of Foundation stone of NRMC, Kolkata

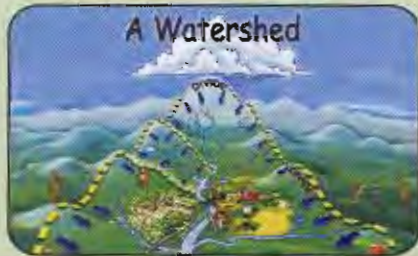
NABARD & Natural Resource Management (NRM)

Umbrella Programme on Natural Resource Management (UPNRM)

Governments of Germany and India have launched an Umbrella Programme on Natural Resource Management with NABARD and GDC as strategic partners. The programme assists community-managed, sustainable NRM based livelihoods, for which NABARD provides financial support to state governments, banks, NGOs, corporates, MFIs etc in loan and grant form, from a corpus of Euro 22.4 million, partly from KfW and partly from NABARD resources. Few projects in progress are 'Sustainable rock bee management for honey production in Maharashtra',

'Traditional knowledge management on medicinal and aromatic plants for rural health in Orissa', 'Agribusiness activities managed by tribal communities in Wadi areas', and 'Supporting Tussar silk yarn producer groups under MASUTA, Bihar'.

Watershed Development A watershed refers to the area from where the water comes to a particular drainage system. Watershed development includes conservation, regeneration and judicious use of human and natural resources within a particular watershed. NABARD maintains a Watershed Development Fund with a corpus of Rs.613 crore, with which it finances projects that involve, human resource development, soil and land management, water management, afforestation, pasture development, agriculture development, livestock management and rural energy management in a given watershed area. Community mobilisation and SHG bank linkage are also an important part of these activities, which ensure sustainability and ownership of the project. Village level Watershed Committees and Panchayats implement the project with technical support from state governments, NGOs etc.



In West Bengal 38 watershed projects are under implementation covering 28,129 hectares in six districts (Purulia, Bankura, Birbhum, Burdwan, Paschim Medinipur and Darjeeling) with total grant assistance of Rs. 809.78 lakh.

Tribal Development Fund NABARD maintains the TDF with a corpus of Rs.50 crore, for stabilizing the livelihoods of tribal communities, through formation of peoples' organizations and initiating environmentally friendly income generating activities. A major tool is the 'Wadi- orchard' concept. Here, for each target family, 1 acre of land is developed to create a wadi, such that a boundary is created with trees (forestry), within which 2 crops suitable to the area are cultivated, alternating with appropriate fruit trees. While the fruit plants generate income after 4-5 years, the forestry species provide a fence and also act as a shelter. The mix of species planted, meets the families' needs for fuel, fodder and small timber. It also helps in reducing the pressure on existing forests.

Rural Innovation Fund RIF is set up with financial assistance from Swiss Development Corporation, to promote innovations in production technology, processes, marketing, credit delivery models, organizational innovations etc, that can



Solar pump set financed under EPA

In West Bengal, three projects involving Rs. 3 lakhs are in progress in Hooghly, Jalpaigudi and North 24 parganas.

support for identification of new technologies, seminars, workshops, formation of farmers' interest groups and equity support to the same through loans and for meeting recurring expenses of Farmers' Training and Rural Development Centers (FTRDC). Banks, research institutions, NGOs, Farmer's Clubs and other farmer's collectives are eligible for support.

In West Bengal, NABARD has promoted more than 2000 Farmers' Clubs.

Capital Investment Subsidy scheme for commercial production units for Organic Inputs

This is a GoI scheme, implemented by NABARD, to promote organic farming by way of bio-fertilisers, vermi-culture and fruit & vegetable waste compost. Projects are to be financed by banks and subsidy is available to the extent of 25% of the capital expenditure. Persons eligible for setting up such units include individuals, groups of farmers, growers, proprietary and partnership firms, cooperatives, fertiliser industry, seed industry, companies, corporations, NGOs, SHGs etc.

Issues of International concern

Global warming NABARD supports afforestation through wadis and watersheds and promotes joint forest management groups through grants for formation of SHGs. Social forestry projects are supported through refinance.

Renewable sources of energy NABARD, promotes biofuels and fuel saving devices by financing such projects through FIPF and RIF. Solar pumps and solar lights are supported under EPA and Village Development Programme.

Carbon footprints NABARD holds a share of Rs. 4.5 cr in the MCX, the first commodity trading exchange in India, which has begun dealing in carbon credits since 21 January 2008.

Clean Development Mechanism (CDM)/ Recycling Waste NABARD promotes simple eco-friendly practices like vermicompost, biofertilisers and organic farming through dissemination, awareness creation capacity building of self help groups / farmers clubs and refinance.



5 Js of Natural Resource Management : Jal Janwar Jungle Jamin Jan

Address of the DDMs and DDOs attached to Nabard West Bengal , Regional Office

Sl No.	Districts	Address / Telephone / Mobile / e-mail of the DDM / DDO
1.	Bardhaman	95342-2646273 M - 9434027814 0342- 2646273(F) nabardbwn@gmail.com
2.	North 24 Parganas	25524405 M - 9433004592 nbwb24pn@vsnl.net
3.	Purulia	953252-222373 M- 9434024843 inbwpuru@sancharnet.in
4.	Hooghly	033-26805820 M- 9433005654 ddmhooahly@gmail.com
5.	Nadia	953472-253053 M- 9434057282 nbwbnadt@sancharnet.in
6.	Malda	953512-253347 M- 9434053347 nabmalda@gmail.com
7.	Jalpaiguri	953561-220402 M- 9434075065 nabjlpj@sancharnet.in
8.	* South 24 Parganas	033-22294672 9432541103 nabardkol@dataone.in
9.	* Howrah	9433208880(M) nabardkol@dataone.in

Sl No.	Districts	Address / Telephone / Mobile / e-mail of the DDM / DDO
10.	Murshidabad	953482-250543 M- 9434050543 nbwbmurshidabad@sancharnet.in
11.	Bankura	953242-256823 M- 9434026601 ddmbku@yahoo.in
12.	Birbhum	953462-257007 M- 9434742055 goutamkumargupta@rediffmail.com
13.	Uttar Dinajpur	953523-243364 M- 9434742764 nbwbrgnj@sancharnet.in
14.	Cooch Behar	953582-226798 M- 9434026798 nabcooch@rediffmail.com
15.	Purba Medinipur	M- 9434037075 sanjoy70@gmail.com
16.	Paschim Medinipur	M- 9434036627 297267 nbwbpmmed@sancharnet.in
17.	Dakshin Dinajpur	03522-271913, 9434743376, nb.ddinajpur@gmail.com
18.	Darjeeling	M- 94347 54241 0354-2257792 abhijit_1003@yahoo.co.in

* Functions from West Bengal RO, Kolkata.

Areas of specialisation

NABCONS

Products and Services

- ◆ Rural Industrialization
- ◆ Social & commercial forestry
- ◆ Farm mechanisation
- ◆ Dairy and animal husbandry
- ◆ Fisheries
- ◆ Biotechnology
- ◆ Bio-diesel
- ◆ Plantation and Horticulture
- ◆ Agro / food processing
- ◆ Micro Finance
- ◆ Social Development
- ◆ Irrigation & infrastructure development
- ◆ Soil, Water & Land resource management

- ◆ Techno-economic feasibility studies
- ◆ Detailed Project Formulation
- ◆ Capacity building and human resource development
- ◆ Potential surveys
- ◆ Micro-development planning,
- ◆ Investment surveys
- ◆ Monitoring and Evaluation of the developmental projects and investments

For further details and submission of proposals under these programmes, kindly contact **NABARD WB Regional office** at : 033-22552352/22552108/22552126. E-mail : nabardkol@dataone.in

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