



Orissa Bamboo Development Agency

(Forest & Environment Dept., Govt. of Orissa)

conserves soil & moisture & provides ecological security



Orissa Bamboo Development Agency is an initiative aimed at integrated development of Bamboo sector in Orissa. The focus is on bamboo resource regeneration by commercial cultivation of bamboo and building highly competitive clusters producing commercially accepted bamboo products through value-addition as well as setting up bamboo based industries with recent advances in technology.

The mission has special focus on adequate returns to farmers as well as promoting sustainable livelihood for tribal and rural poor engaged in bamboo sector with emphasis on women empowerment.

OBDA is headed by the State Mission Director. The programmes are implemented through DFOs in forest area and District Bamboo Development Agency (DBDAs)/ OBDA field units in non-forest area. Keeping in view of withdrawal of food support from UNWFP, Project Director, WFP has been entrusted with work of State Mission Director, OBDA.

Mission Objectives

- To promote the growth of the bamboo sector through an area based regionally differentiated strategy;
- To increase the coverage of area under bamboo in potential areas, with suitable species to enhance yields;
- To promote marketing of bamboo and bamboo-based products
- To establish convergence and synergy among stakeholders of the development of bamboo
- To promote setting up bamboo based industries
- To promote, develop and disseminate technologies through a seamless blend of traditional wisdom and modern scientific knowledge.
- To generate employment opportunities for skilled and unskilled persons, especially unemployed youths.

Strategy

- Adopt a coordinated approach covering production and marketing to assure appropriate returns to growers / producers.
- Promote Research and Development (R&D) of genetic superior clones of suitable species and technologies for enhanced production.
- Enhance acreage (in forest and non-forest areas) and productivity of bamboo through species change and improved cultural practices.
- Up grade the skills of artisans,
- Promote environment for setting up bamboo based

industries.

- Promote partnership, convergence and synergy among R&B and marketing agencies in public as well as private sectors, at all levels.
- Promote where appropriate, cooperatives and self-help groups to ensure support and adequate returns to farmers and artisans.
- Facilitate capacity – building and Human Resource Development.

SBSC

At State level there is State Bamboo Steering Committee (SBSC) headed by Principal Secretary, Forest & Environment Department. It consists of Secretary of different Departments, Principal Chief Conservator of Forests, Orissa; Managing Director, Orissa Forest Development Corporation; Director, Handicrafts and Cottage Industries and others as member. State Mission Director of Orissa Bamboo Development Agency is Member Secretary. Its function is to approve the Action Plan & Monitor the progress of Bamboo Sector Development Programme.

Principal Secretary (F&E Deptt.)	Chairman
Commissioner-cum-Secretary, Finance, SC&ST Development, Agriculture, Industries, Panchayati Raj Deptt.	Members (s)
Principal Chief Conservator of Forests, Orissa, BBSR MD, OFDC, Director Handi Crafts & Cottage Industries	Member
Mission Director – NBM, NMBA PD, WFP-cum-State Mission Director, OBDA	Member (s)
	Member Secretary

At District level, a District Bamboo Development Agency (DBDA) has been constituted to implement the programme in non-forest area which is headed by the Collector. In 3rd SBSC it was decided that DFO (T) of District Head Quarts will be Member Secretary in places of Deputy Director / District Horticulturist. Programme in forest area is to be implemented by the Divisional Forest Officer.

DBDA

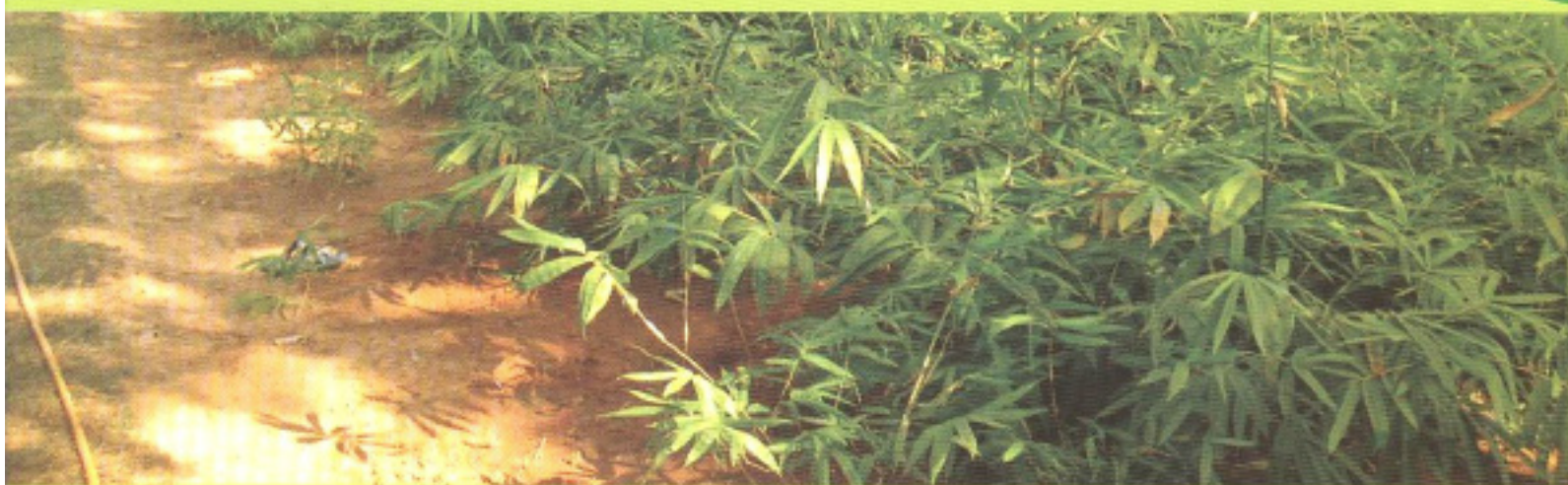
Collector of the District	Chairman
District Horticulture Officer / District Agriculture Officer	Member
GM, DIC	Member
A Representative of SHGs / Federation	Member
A Representative of NGOs	Member
DFO (T) of the District Head Quarter	Member Secretary

National Approach

The Government of India has several policies to support the bamboo sector in India. These policies include promoting bamboo plantation, strengthening bamboo based handicrafts, and developing bamboo based technology applications. Bamboo Sector Development is considered as livelihood project for poor weaker section, artisans, growers and farmers especially SC & ST.

Two Missions have been set up by Govt. of India

- National Bamboo Mission (NBM)
- National Mission on Bamboo Application (NMBA)



National Bamboo Mission

The ministry of agriculture, Government of India has launched the National Bamboo Mission with 100% central assistance to increase bamboo production, promote cottage & handicraft industry through value additions and marketing etc. The mission targets 176,000 hectares of fresh plantation with 88,000 hectares each in forest and non-forest areas. It is projected that over 35 million man days of employment will be generated through plantation activities. Once the non-forest areas plantations are established, the employment potential is projected to touch 60 million man days from bamboo plantation alone. Assuming an average of 300 man-days of employment per person in a year, this will translate into employment opportunities for 2 lakh persons. More importantly, the entire employment generation will be in rural areas largely benefiting the tribal and the poorest of the poor population in the country.

Programmes will be implemented as follows:

- Non-Forest Areas: through DBDA / Farmer Beneficiaries.
- Forest Areas: through The Forest Department

National Mission on Bamboo Applications

It is set up in the Department of Science & Technology, Government of India. NMBA has developed and commercialized technology and applications in the segments of developing bamboo based wood substitutes, conversion of closed plywood units to bamboo ply, bamboo based gasification for thermal application and power generation (energy), bamboo based charcoal, development of pre-fabricated bamboo based

housing structures, processed bamboo shoots, and utility products, such as incense sticks, tooth picks, Venetian blinds, and mat based moulded products and other technological applications of bamboo.

Why to invest in Orissa

The government has constituted the Orissa Bamboo Development Agency (OBDA) to undertake the integrated development of the Bamboo sector in the state, with an objective to ensure employment generation and economic development based on available bamboo resources in the State. The focus is to develop the technology based applications of bamboo and establish viable enterprises engaged in the production of high value added bamboo based products in the State.

Orissa is having abundant non forest bamboo resource (raw material) in Mayurbhanja, Balesore, Bhadrak and adjoining districts and its value addition has not been tapped properly. The annual production is estimated about 50000 MT. The state is having industrial friendly environment with adequate Power supply. The labour force is available in abundance at cheaper rate. The land rate is cost effective. Places with raw material are located at NH on coast and are well connected by Howrah -Chennai Main Line to almost all markets of country. Places are also connected by Paradeep Port and thus provide good opportunity for export. These all constitute ideal situation for setting up of bamboo based industry in Orissa.



Function of OBDA

At state level, both programmes of National Bamboo Mission & National Mission for Bamboo Application are implemented through Orissa Bamboo Development Agency. Besides the OBDA is entrusted with overall development of Bamboo sector in the State.

The functions are broadly summarized as below:

Bamboo Resource Regeneration (Nurseries and Plantation)

Raising of nurseries:

This may be in public sector (Departmentally) or private sector (beneficiaries oriented) which are of two types :

- Centralized
- Decentralized- Kisan Nursery/Mahila Nursery Plantation

Forest Areas:

It is implemented through DFO

Non Forest Areas -

It is implemented through District Bamboo Development Agency (DBDA) or through Field Unit of OBDA involving beneficiaries, Farmers, NGOs etc.

Organization of Training and Workshop

Training is imparted to Farmers & Field functionaries, involving D.F.O., D.B.D.A., Field Units of OBDA or other

line Departments such as G.M., D.I.C. etc.

Skill Up gradation of Artisans

The focused areas are :

- Mat weaving
- Incense stick making and rolling
- Furniture making
- Bamboo handicrafts, etc.

Common Facility Center (CFC)

- Treatment & Storage facilities
- Retail market of Bamboo near village, Bamboo Bazar etc.
- Training Centers
- Other common facility required by communities / villages

Promotion of Bamboo based industries and technology with support of NMBA

The focused areas are

- Bamboo Mat Board / Corrugated Sheet / BMVB / Bamboo Particle Board
- Incense Stick
- Bamboo Timber Block / Lumber / Floor Tiles
- Bamboo shoots
- Bamboo Furniture etc

Marketing linkage for Bamboo based products

Project Based activities:

Project based activities for Bamboo sector development.



Year wise Approved Action plan (National Bamboo Mission)

Rs. In lakhs

Sl	Componet	2006-07		2007-08		2008-09	
		Physical	Financial	Physical	Financial	Physical	Financial
1	Centralised Nursery in Public Sector (in nos.)	10	27.30	50	136.5	2	50.46
2	Centralised Nursery in Private Sector (in nos.)	10	6.80	5	3.4	1	0.68
3	Kisan Nursery in Public Sector (in nos.)	8	0.52				
4	Kisan Nursery in Private Sector (in nos.)	8	0.52	5	0.32	10	0.65
5	Mahila Nursery in Public Sector (in nos.)	10	0.65				
6	Mahila Nursery in Private Sector (in nos.)	10	0.65			10	0.65
7	Tissue Culture Units in Public Sector (in nos.)						
8	Tissue Culture Units in Private Sector (in nos.)						
9	Certification of plantring materials (in nos.)	1	1.00				
10	Plantation in Forest Area (in ha.)	688	172.00	1407	175.7(50%)	40	5.0 (50%)
11	Plantation in non Forest Area	875	70.00	1000	40.00 (50%)	50	2.0 (50%)
12	Improvement of existing stock			3000	240.0	40	3.2
13	Training of farmers within state (in Nos.)	800	12.16	250	3.8	100	1.52
	Outside state (in nos.)	100	2.50	50	1.3	50	1.25
14	Training of field fuctionaries (in nos.)	100	8.00	100	8.0	20	1.6
15	Demonstration of Technology (in nos.)	22	2.20				
16	Workshop/Seminars at State level (in Nos.)	1	3.00	1	3.0	1	3.0
17	District level (in nos.)	10	10.00	30	30.0	10	10.0
18	Pest & disease Management (in ha.)	3900	7.80				
19	Micro irrigation			100	20.0	10	2.0
20	Post harvest storage & treatment fascilities (in nos.)						
21	Participatin in Domestic Trade Fairs			1	2.0		
22	Innovation Interventions (in nos.)				42.7		
23	Bamboo wholesale & Retail market near village (in nos)				5.0		
24	Bamboo Bazar (in nos.)						
25	Retail outlets (show room) (in nos.)						
26	Publication of Brochure and leaflets				2.0		1.0
27	Dacebase generation & Management (infromation web based). Project Support Staff				10.0		2.0
28	Promotional Campaign through electronic / Audio Visual Media / Newspapers				2.0		1.0
29	Maintanance of plantation during 2007-08 in Forest Area (50%)					1407	175.87
30	Maintanance of plantation during 2007-08 in Non Forest Area (50%)					1000	40.0
31	Equipments hire/purchase of veichle, consumable and administration, office expenses						3.0
	SUB TOTAL		325.10		725.84		259.88
32	Consultancy services implementation bodies etc.		4.87		10.88		3.89
	GRAND TOTAL		329.97		736.72		263.77



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Year wise Physical Target & Achievements of Major Activities

Sl	Component	2006-07		2007-08	
		Target	Achievement	Target	Achievement
1	Centralised Nursery in Public Sector (in nos.)	10	10	50	50
2	Centralised Nursery in Private Sector (in nos.)	10	10	5	5
3	Kisan Nursery in Public Sector (in nos.)	8	8		
4	Kisan Nursery in Private Sector (in nos.)	8	8	5	5
5	Mahila Nursery in Public Sector (in nos.)	10	10		
6	Mahila Nursery in Private Sector (in nos.)	10	10		
7	Plantation in Forest Area (in ha.)	688	688	1407	1407
8	Plantation in non Forest Area (under progress)	875	272	1000	(under progress)
9	Improvement of existing stock (under progress)			3000	9000

Field unit of OBDA

Area	Name	Phone No.
OBDA Field Unit, Angul	Sri Satish Chandra Das	9437145615
OBDA Field Unit, Baripada	Sri Rabindra Kumar Sutar	9437087504
OBDA Field Unit, Phulbani	Sri Aditya Narayan Mishra	9437215542
OBDA Field Unit, Bhubaneswar	Sri Shirish Chandra Mohanty	9437084932
OBDA Field Unit, Bhawanipatna	Sri Asit Kumar Misra	9437223089
OBDA Field Unit, Koraput	Sri Rajani Kanta Rout	9437338160
OBDA Field Unit, Rourkela	Sri Shradhakar Patel	9938198671
OBDA Field Unit, Sambalpur	Sri Shradhakar Patel	9938198671

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