

## TRIPURA BAMBOO MISSION



# Quarterly Progress Report

January – March, 2013



*Submitted to:*

Department of Industries & Commerce  
Government of Tripura

*Submitted by:*



IL&FS Cluster Development Initiative Ltd.

## Table of Contents

1. Introduction to Tripura Bamboo Mission.....	4
2. Growth of bamboo sector .....	6
3. Design Interventions .....	6
4. Incense Sector: Skill Development, Capacity Building & Cluster Development.....	8
5. Handicraft Sector: Skill Development, Capacity Building & Cluster Development.....	11
6. R&D and Innovation .....	17
7. Marketing Interventions .....	18
8. Industrial Application .....	19
9. Resource Generation .....	20
10. Participation in Fairs & Exhibitions.....	22
11. Review Meeting of Tripura Bamboo Mission.....	23
12. Comparison of achievements .....	26
13. Annexure: List of Programmes Conducted .....	28

## List of Tables

Table 1	: Provisional estimate of turnover of bamboo sector in Tripura .....	6
Table 2	: Action plan for NEC project implementation .....	16
Table 3	: List of buyers linked through Trade Facilitation Cell.....	18
Table 4	: Status of Bamboo plantation under MGNREGA .....	21
Table 5	: Key decisions of TBM Review Meeting & Action taken.....	24
Table 6	: Comparison of achievements .....	26
Table 7	: List of programmes conducted in incense .....	28
Table 8	: List of programmes conducted in handicraft .....	29
Table 9	: List of fairs & exhibitions participated .....	32

## 1. Introduction to Tripura Bamboo Mission

Tripura Bamboo Mission (TBM), is an initiative of the Government of Tripura to focus on enhancement of turnover of Bamboo sector coupled with promotion of livelihood opportunities. The Mission's objectives of scaling up turnover of Bamboo sector and to simultaneously double the livelihood opportunities are sought to be achieved through cluster development approach involving institution building, industrial linkages, better market and credit facilities coupled with resource upgradation, working on a project mode.

Tripura Bamboo Mission launched by the Government of Tripura during 2007 had an initial objective of enhancing turnover of bamboo sector from Rs. 27.9 crores to Rs. 75.85 crores. By the mid-term review in 2009 through various initiatives and activities, the mission had scaled up its turnover to Rs.56.65 crores. Basing on the pace of reforms and taking advantage of the extension of 2 years, the TBM has revised its target of turnover to Rs. 107.7 crores. The TBM has so far exceeded in not only consolidating the bamboo sector in Tripura but has also initiated a number of activities for value addition and scaling up of the production to realize the market potential of the sector. The initiatives in scaling up production of polished sticks, rolled sticks and perfumed sticks with corresponding capacity building, institution development and market linkage are noteworthy. The initiative of promoting clusters and supplementing infrastructure facilities with an eye on efficient marketing through the concept of common facility centers and producers, growers and marketers society is praise worthy.

TBM is the nodal agency of the Government of Tripura for implementation of all bamboo value addition development projects in the State. The institutional structure of TBM has been strengthened to the level of a society. Tripura Bamboo Mission is registered under the Societies Registration Act 1860, headed by the Chief Secretary, Government of Tripura and the General Body comprises of Secretaries and Head of Departments of Forests, Industry, Handicrafts, Rural Development, Social Welfare, Tribal Welfare and Finance, Financing institutions etc. The TBM is being implemented in a PPP mode. The Government of Tripura has engaged IL&FS Cluster Development Initiative to implement the Tripura Bamboo Mission in April 2007, in view of proven expertise and experience in designing, executing and implementing of projects in cluster development and livelihood promotion in various parts of the country. The Company has deployed a multi-skilled team in Tripura and has built a network of partners and domain experts to undertake the implementation of the Tripura Bamboo Mission.

### **Vision**

To make Tripura as the hub of bamboo based sustainable micro, small and medium industries in the country by mobilizing the local natural and human resources and enable structured growth in the sector by strong institution building and market linkage.

## **Objective**

- To sustain the growth achieved in the bamboo sector and increase the current turnover from Rs. 95 crores to 200 crores over a 5 year duration.
- Build the bamboo sector as a major livelihood provider and provide employment opportunities to 20,000 poor producers in the sector.
- Provide critical production and commercial infrastructure, technology, marketing support, capacity building and product diversification, to build competitiveness and ensure sustainable development of the clusters.

## **TBM Interventions & Sub-sectors**

- Build sustainable bamboo based livelihoods based on a cluster based approach.
- Develop an institutional structure owned and managed by grassroots producers & their federations.
- Build their enterprises based on commercially sustainable business models.
- Provide infrastructure, skill training, design support and direct market linkages.
- Mobilize private investment in the bamboo sector in areas like bamboo composites, mechanized sticks and other industrial products.
- Promote plantation in non-forest areas, private land holdings and homestead plantations

All commercial bamboo based activities in Tripura have been categorized into various sub-sectors as given below.

- Incense Sticks
- Handicrafts & Furniture
- Mats
- Industrial Application of Bamboo
- Resource Generation

## 2. Growth of bamboo sector

The growth trend of bamboo sector in the state is satisfactory, as observed during the three quarters of the year. The turnover of commercial bamboo sector was estimated at ` 83.18 crore for the current financial year upto 31st November, 2012. Major contribution was from the incense sector especially bamboo sticks; however, steady growth in handicrafts sector was also observed. A provisional estimate of turnover has been made by the Tripura Bamboo Mission as presented below. The final figure will be updated once final data collection & compilation are completed.

**Table 1: Provisional Estimate of Turnover of Bamboo sector in Tripura**

<i>Sector</i>	<i>Incense- Bamboo Stick</i>	<i>Incense- Raw &amp; Perfumed Agarbatti</i>	<i>Handicrafts &amp; Furniture</i>	<i>Dhari (mat)</i>	<i>Industrial applications</i>	<i>Total (FY 2012-13)</i>
<b>Approx. Turnover , ` crore</b>	61.30	24.70	27.52	2.10	0.78	<b>116.40</b>

Turnover of bamboo sector in FY 2011-12 was estimated at Rs. 107.22 crores. Considering the growth trend of the sector during this financial year, it is expected that the total turnover of the sector would surpass the previous year's figure by the end of March, 2013.

## 3. Design Interventions

Design development is an important activity of TBM to keep the clusters updated about the latest trends in handicraft. An exclusive 'Design Cell' (TBM-DC) has been set up at the TBM Project office where dedicated designer and master artisans have been deployed to develop very trendy yet user friendly craft ideas and prototyping of the same. . The reasons behind setting up the Design Cell, are to provide design prototype support to the clusters as well as improve marketing intervention. The designs are tested in the market and transferred to potential producers/entrepreneurs after prototyping. A glimpse of designs developed by TBM is given below.





**Few products designed at TBM Design Cell during Jan-March, 2013**

- ❖ The TBM Design Bank is now available for the beneficiaries to induct new designs at their clusters. The design Bank contains detail status & specifications of new designs developed by TBM Design Cell.



## 4. Incense Sector: Skill Development, Capacity Building & Cluster Development

### Project supported by Tripura JICA: Training on bamboo stick & agarbatti production

Under Tripura JICA project, Tripura Bamboo Mission has organized one (1) Training Programmes for 15 days on community friendly Semi-Mechanized Agarbatti stick production at Patacherra JFMC under Gomati district with the 40 nos. rural tribal women artisans. The period of the training programme was 8<sup>th</sup> to 22<sup>nd</sup> March, 2013.

The basic machine /tools like, one cross cutting machine, five slicing machine and forty stick making machines were provided to the artisans in the cluster. Two resource persons were involved along TBM representatives to guide or train the artisans. Production monitoring format of each day was filled and feedback from each artisans were collected

#### Snap shot of training in Patacherra JFMC, Gomati district



Artisans working with cross cutting machine



Artisans using Slicing machine to make slices out of the bamboo cylinders



Artisans using stick making machine to produce bamboo stick



Dried sticks produced by artisans during the training using semi mechanized tools



## Special SGSY Project: Training on mechanized agarbatti rolling production

For the first time, Tripura Bamboo Mission has organized training on mechanized agarbatti rolling production with padel type machine. This is one of the crucial activities where women artisans are mostly involved. Capacity building cum training programme targeting women artisans were conducted under Special SGSY.

Tripura Bamboo Mission has conducted Two (2) Training programmes on mechanized agarbatti rolling production for one month (each programme) at Amtali and Fatikherra, West Tripura. Total 50 artisans have undergone training which had started in March, 2013. All the centers were linked with capable entrepreneurs to make ensured sustainability of the activity.

### Snap shot of training on Mechanized rolling in Amtali and Fatikherra



### Special SGSY Project: Training on Hand rolled Agarbatti production

Hand rolled Rawbatti production is one of the crucial activities where women artisans are mostly involved. Capacity building cum training programme targeting women artisans were conducted under Special SGSY.

Tripura Bamboo Mission has conducted Two (2) Training programmes on hand rolling at Gajaria, Sipahijala district and Tatua tilla, Uttar Chandrapur Gomati district. Total 80 artisans were trained during the quarter. All the centers were linked with capable entrepreneurs for sustaining the activity.

#### Snapshot of the Training Programme on Hand rolled Agarbatti production





- 350 more poor rural women have been mobilized for mechanized and Hand rolled rawbatti activity across the state as a part of preparation of next quarter activity of the sector
- 30 rural artisans are undergoing training on mechanized rolling under Special SGSY at Fatikcherra, West Tripura.

## **5. Handicraft Sector: Skill Development, Capacity Building & Cluster Development**

### **Programmes under DoNER supported project: Institution & Industry Linked Capacity Building in Bamboo Packaging, Bags & Accessories for Rural Artisans in Tripura.**

The Project titled ‘Institution & Industry Linked Capacity Building in Bamboo Packaging and Utility Products for Rural Artisans in Tripura’ was approved by the Ministry of Development of North Eastern Region (DoNER). The project aims to provide specialized trainings in identified sectors with established market potential through linkage with well established institutional and industry partners. Trainings are imparted in association with the industry partners with focus on 2 categories of craft namely 1) Bags & Accessories & 2) Packaging materials. Training duration is 30 days for Bags & 15 days for Packaging. Designs & styles of the products are selected based on the inputs from designers, industry partners & marketing partners. Post training, the trained groups are linked with a marketing partner to ensure sale of products. The methods and techniques employed are in tune with the existing skill base of the rural artisans and tribal in Tripura. The programmes conducted under this project during this quarter are explained below.

- 1 (one) programme of Training of Trainers (ToT) in Bags & Accessories was organized from 2nd January to 15th March, 2013. Local master artisans and trainers have been trained in making of high end contemporary bags & accessories from bamboo. Industry experts and a Designer were deputed for the said programme. The programme organized under the project “Industry Linked Training on Bamboo Bags & Packaging” supported by Ministry of DoNER. Manoj Kumar Dangoria, DC(H) empanelled designer from IICD, Jaipur was engaged to develop designs and train the masters. The ToT programme was conducted in 5 (five) community production centers established under TBM intervention and at TBM Design Cell. 10 (ten) master artisans have been trained in making of new designs in the category of bamboo bags & accessories. Post training, the designs have been disseminated to the selected producer groups to start commercial production.

Total no. of participants: 10 (Ten)

Resource Persons: Manoj Kr. Dangoria, Designer from IICD, Jaipur empanelled with DC(H)



Snapshots of Training of Trainers in Bags & Accessories under DoNER project

### **Project approved under North Eastern Council: Integrated Development of Bamboo Handicraft Clusters in Tripura**

The project 'Integrated Development of Bamboo Handicraft Clusters in Tripura' has been approved by the North Eastern Council, Ministry of Development of North East Region (DoNER), Government of India and is implemented by the Tripura Bamboo Mission. The project aims to develop bamboo based craft clusters across 6(six) locations in the state through interventions of skill training & capacity building, institution building, infrastructure development, technology induction, design development, financial linkages and backward & forward market linkages. Key Project Components are given below.

- Mobilization & Baseline: Identification of beneficiaries, Selection of Craft
- Institution Building: building institution of the mobilized community and federating them into a society, cooperative or producer company
- Technological Interventions: Design & technical development workshops, integrated design & technical development workshops, skill development trainings, seminars & symposiums.

- Marketing Interventions: organizing & participating in exhibitions & fairs, publicity & promotion through print & electronic media, exposure tours, enterprise development programmes.
- Financial Interventions: Margin money support to beneficiaries, wage compensation to cluster manager
- Cluster Specific Infrastructure related Interventions: Establishment Community Production Centre/Common Facility Centre

#### Project Locations

- Gandhigram, West Tripura
- Dharmanagar, North Tripura
- Salema, Dhalai
- Mungiakami-Teliamura, West Tripura
- Matabari, South Tripura
- Durlavnarayan-Khas Chowmuhan, West Tripura

Progress Achieved so far under this project is described below.

#### Baseline & Mobilization:

Mobilization Camps have been organized at each of the project locations. Participants, mostly members of SHGs, were mobilized with the help of District Rural Development Agency, Block Administration and Local Panchayats/Village Committees. In the camps, the participants were made aware of the project objectives, project strategy and action plan through audio-visual means.

- Two Mobilization Camps were organized at Jubarajnagar and Thana Road in Dharmanagar on 4<sup>th</sup> January, 2013 and 3<sup>rd</sup> April, 2013 where members of around 50 SHGs participated in the camps along with their group members.
- Two Mobilization Camps were organized at Santir Bazar Town Hall on 4<sup>th</sup> January & 5<sup>th</sup> January 2013, around 25 SHGs participated the camp along with their group members.
- Two Mobilization Camps were organized in Chakmaghat CFC Hall on 4<sup>th</sup> January, 2013 around 30 SHGs participated the camp along with their group members.
- Two Mobilization Camps were organized on 5<sup>th</sup> January, 2013 at Narsingargh CFC Hall, around 12 SHGs participated in the camps along with their group members.
- Two Mobilization camps were organized at Durlavnarayan Cluster, Khas Chowmuhan Panchayat Hall on 7<sup>th</sup> and 9<sup>th</sup> January, 2013, where around 220 artisans from different SHGs participated in the Camp.
- Two mobilization camps were organized at Chandrapur village Panchyat Community hall, under Matabari R. D. Block in 8<sup>th</sup> & 9<sup>th</sup> January 2013. Total 183 artisans from different SHGs participated in the mobilization camps.



## Snapshots of Mobilization Camps



Mobilization Camps at Salema Cluster



Mobilization Camp at Mungiakami Cluster



Mobilization Camp at Gandhigram Cluster



Mobilization Camp at Durlavnarayan Cluster



### Technological Intervention: Design & Technology Development Workshops

- 2 (Two) Design and Technical Development Workshops have been organized for a period of 15 days in the Salema cluster. Total 60 (sixty) artisans were given training. The workshops were organized from 16<sup>th</sup> to 30<sup>th</sup> March, 2013.
- Two Design and Technical Development Workshop were organized at Narshingarh- Gandhigram Cluster consisting of 30 artisans in each batch for a period of 15 days. The first Training Programme was from 10<sup>th</sup> to 26<sup>th</sup> January, 2013 and the second Training programme was from 8<sup>th</sup> to 23<sup>rd</sup> March, 2013. The participants were trained on Bamboo mat making in different variation on design & colour pattern.
- Two Design and Technical Development Workshop were organized at Khas Chowmuhan, Durlavnarayan Cluster for a period of 15 days with 30 artisans in each batch. The first Training programme was held from 11<sup>th</sup> to 25<sup>th</sup> January, 2013 and the second training programme was from 12<sup>th</sup> to 26<sup>th</sup> March, 2013.

### Snapshots of technological Intervention:



Design & Technical Development Workshop at Salema Cluster



Design & Technical Development Workshop at Gandhigram Cluster



Design & Technical Development Workshop at Durlavnarayan Cluster

**Financial Interventions- Engagement of Cluster Managers:**

Cluster level managers have been appointed to take care of day to day activities of the cluster like book and accounts keeping, coordination with state and governmental departments, mobilization of groups/organizations in the artisan cluster, building their capacities and overall operation of the producer enterprises. Six (6) cluster managers have been engaged in the clusters.

**Action Plan for the Next Quarter:****Table 2: Action Plan for next Quarter for NEC supported project**

Sl. No	Project Component	Tentative Programme Schedule (proposed date of commencement)					
		Gandhi gram	Mungia kami	Durlavn arayan	Salema	Dharm anagar	Mataba ri
	<b>TECHNOLOGICAL INTERVENTIONS</b>						
	Design & Tech. Dev. Training	-	8 <sup>th</sup> April, 2013	-	-	6 <sup>th</sup> April, 2013	13 <sup>th</sup> May, 2013
<b>1</b>	Skill Dev. Training	7 <sup>th</sup> May, 2013	18 <sup>th</sup> May, 2013	7 <sup>th</sup> May, 2013	8 <sup>th</sup> May, 2013	18 <sup>th</sup> May, 2013	19 <sup>th</sup> June, 2013
<b>2</b>							
	<b>INSTITUTION BUILDING</b>						
<b>3</b>	Exposure Visit	13 <sup>th</sup> May, 2013	18 <sup>th</sup> May, 2-13	17 <sup>th</sup> May, 2013	20 <sup>th</sup> May, 2013	21 <sup>st</sup> May, 2013	23 <sup>rd</sup> May, 2013
<b>4</b>	Sensitization Camp	3 <sup>rd</sup> & 4 <sup>th</sup> June, 2013	5 <sup>th</sup> & 6 <sup>th</sup> June, 2013	7 <sup>th</sup> & 8 <sup>th</sup> June, 2013	13 <sup>th</sup> & 14 <sup>th</sup> June, 2013	10 <sup>th</sup> & 11 <sup>th</sup> June, 2013	12 <sup>th</sup> & 13 <sup>th</sup> June, 2013
<b>5</b>	Workshop on A/C Mgt. & Record Keeping	7 <sup>th</sup> & 8 <sup>th</sup> June, 2013	13 <sup>th</sup> & 14 <sup>th</sup> June, 2013	10 <sup>th</sup> & 11 <sup>th</sup> June, 2013	12 <sup>th</sup> & 13 <sup>th</sup> June, 2013	14 <sup>th</sup> & 15 <sup>th</sup> June, 2013	17 <sup>th</sup> & 18 <sup>th</sup> June, 2013
<b>6</b>	Workshop on Enterprise Development	18 <sup>th</sup> & 19 <sup>th</sup> June, 2013	20 <sup>th</sup> & 21 <sup>st</sup> June, 2013	21 <sup>st</sup> & 22 <sup>nd</sup> June, 2013	24 <sup>th</sup> & 25 <sup>th</sup> June, 2013	26 <sup>th</sup> & 27 <sup>th</sup> June, 2013	28 <sup>th</sup> & 29 <sup>th</sup> June, 2013

**5-day Capacity Building & Training Programme in collaboration with NCDPD**

6 (six) Capacity Building & Training workshops have been conducted in collaboration with national Centre for Design & Product Development (NCDPD). The workshops were conducted at 3 (three) TBM CFCs at Kaladhepa, Palpara and Ambassa 2(two) programmes in each of the CFC. The workshops were conducted from 18<sup>th</sup> to 22<sup>nd</sup> March, 2013. Total no. of participants were 120 (one hundred and twenty) with 20 (twenty) participants in each workshop.

## 6. R&D and Innovation

In collaboration with NInC, TBM has set up a Cluster Innovation Centre (CIC) at Agartala with the objectives to introduce innovation in the process of Incense sector by which the operation will be more organized & smooth and also enhance the livelihood of the people depends on it.

Following activities are being undertaken under the NInC initiative.

- Finding alternative of Jiggat in *agarbatti* premix
- Mechanization in Stick Making
- Mechanization in stick polishing
- Mechanization in Stick Rolling

The partners of the above activities are: CSIR-CIMAP for Jigget alternative; CSIR and CMERI & NIT-Agartala for mechanization process.

- Scientist from CSIR-CIMAP had visited Tripura in the month of March, 2013 in connection to testing of premix sample. Final or Second round Field test of the *agarbatti* masala premix sent by CSIR-CIMAP was conducted by TBM in March, 2013 as a part of the process for developing the combinations to find alternative of jiggat by CSIR-CIMAP. A detail report has also been shared to NInC.
- The MoU has been signed by NIT-Agartala and TBM on prototype development and field testing in bamboo sector NIT-A in consultation with TBM and NInC has developed the designs of three machines which was presented before TBM and NInC. A joint proposal of NIT-A and TBM has been submitted to DM & Collector, West Tripura for Rs. 30 Lakh for prototype development and field testing of machines in incense sector. A meeting cum presentation to be organized among DM & Collector, TBM and NIT-A in the month of April, 2013.
- A machine has been developed by TBM in the line of a machine made in Mizoram. This machine was introduced to the entrepreneurs and TBM representatives during an exposure visit to Mizoram. This machine has been field tested and artisans and entrepreneurs of Unokoti and North Tripura district have accepted the machine with its feature and capacity.





**Low cost machine of slicing cum stick making under the innovation drive by Tripura Bamboo Mission**

## 7. Marketing Interventions

Marketing Linkage is a major intervention under TBM to ensure viable operation of production centers and sustainability of livelihoods generated. Role of TBM is to provide both backward and forward linkages to the promoted producer groups. TBM Trade Facilitation Cell is functioning as the core market facilitation window for the clusters & producer societies; creating & managing database of buyers & suppliers is part of its activity. Through this cell, already market linkages to producer societies & CFCs with leading buyers have been established apart from generating regular orders for the producers. Total direct orders generated & executed through Trade Facilitation Cell is ` 10.29 lakh till date. Facilitation is enabled by effective communication through e-portals, internet, catalogues, samples and promotion through publicity.

List of major buyers from outside state linked to clusters by TBM Trade Facilitation Cell during this quarter:

<b>Table 3: List of Major Buyers linked through Trade Facilitation Cell</b>			
Sl. No.	Name of Buyer	Product Category	Status of order
1	Wonder Enterprise	Baskets	Executed

2	Priyam Hazarika	Various handicrafts	Executed
3	Bhakti Pandit	Lifestyle Bags	Executed
4	Tripura University	Conference Bags	Executed
5	Sangaru Design Object	Baskets	Executed
6	Dr. K.A. Hasanat, Kolkata	Bamboo Pole	Rate given
7	Ankush Agarwal, Kolkata	Dhari	Rates given/ Samples also sent
8	Augustine, Mumbai	Various Handicraft	Catalog sent
9	Dhreej Bhandari, Delhi	India Gate	Catalog sent
10	Raj Gift Shop, Maharashtra	Basket	Catalog sent
11	Mahendra Sing, Rajasthan	Various Handicraft	Catalog sent
12	Shiva Elevators, Maharashtra	Easy Chair	Catalog sent
13	Infinity Impex, Chirag	Incense Stick	Rates are already given
14	Mahalaxmi Tubes, Raipur	Basket	Catalog sent
15	Bamboo House India, Hyderabad	Various Handicraft	Catalog sent
16	Mr. Harit Khatri, Vadodra, Gujrat	Hand rolled Agarbatti	Rates given; follow up being done

## 8. Industrial Application

The Tripura Bamboo Park is already attracting investors to set up units in the proposed Park. Promotion & awareness for attracting investors are done by organizing one-to-one business meets, participating in business shows etc. The Mutha group of Mumbai, which is the first to book a plot in the Park, have already started construction works for their proposed bamboo tiles making unit. Construction works of the unit of Mutha Group would be completed by next 3-4 months. The state government through TBM, TIDC and Industries Department is attracting investors through different schemes to invest in the Bamboo Park. Snapshots of progress of Bamboo Park are given below.

Latest Snapshots of ongoing activities at Tripura Bamboo Park:





## 9. Resource Generation

### Mohanpur RD Block:

In this quarter, the 1<sup>st</sup> and 2<sup>nd</sup> payment of weeding has been paid to the growers through MGNREGA Job Card. The total no of beneficiaries is 149.



### Hezamara RD Block:

In this quarter, the payment of 1<sup>st</sup> and 2<sup>nd</sup> weeding has been paid to the beneficiaries through MGNREGA Job Card. The total No of Bamboo Growers is 109.



### Mandwi R.D Block:

In this quarter, the 1<sup>st</sup> and 2<sup>nd</sup> payment of weeding has been paid to the growers through MGNREGA Job Card. The total no of beneficiaries is 30(Thirty).





**Ambassa RD Block:**

In this quarter, the 1<sup>st</sup> and 2<sup>nd</sup> payment of weeding has been paid to the growers through MGNREGA Job Card. The total no of beneficiaries is 68(Sixty Eight).



**Table 4: Status of Bamboo Plantation under MGNREGA**

<b>Fund (Rs. in Lakhs)</b>	<i>Hezamara</i>	<i>Mandwi</i>	<i>Mohanpur</i>	<i>Ambassa</i>	<i>Total</i>
<b>Requirement</b>	74.87	24.58	53.95	30.75	184.15
<b>Administrative Sanctioned</b>	63.00	24.58	53.58	30.75	171.91
<b>Fund Received</b>	63.00	24.58	53.58	30.75	171.91
<b>Actual Exp</b>	63.00	24.58	53.58	30.75	171.91
<b>% of Exp</b>	100	100	99	100	99.75
<b>Unutilized Fund</b>	0.00	0.00	1	0	0.25
<b>Exp. Uploaded in MIS</b>	63.00	24.58	53.58	30.75	171.91
<b>No. of Mandays generated</b>	14993	5894	12504	6362	39753

**DPR for Bamboo Plantation Development by Tripura Bamboo Mission**

The Detail Project Report of Tripura Bamboo Plantation Development Project has been prepared and submitted to the Industries & Commerce department, Government of Tripura for undertaking 5000 Ha of bamboo plantation in a span of 5-7 years. Various interventions proposed in the project include extending support to

small and marginal farmers including RoFR beneficiaries to undertake bamboo plantation. Provision has been made for establishment of demonstration plots, planting material hubs and nurseries in every district. It is also proposed to revive Tissue Culture Laboratory. A special scheme has been designed to operationalize the project. The total budget of the project has been estimated to about Rs. 6122 lakh. Initially, a proposal has been prepared and forwarded through proper channel for submitting to the North Eastern Council for establishing 1000 Ha plantation.

## 10. Participation in Fairs & Exhibitions

### 8<sup>th</sup> North east Business Summit

Tripura Bamboo Mission participated in the 8th North East Business Summit held in New Delhi through State Government's Industries & Commerce Department. A stall was allotted and products 'made in Tripura' were showcased. A team of delegates led by the Hon'ble Minister, Industries & Commerce, Shri Jitendra Chaudhury and the mission director, Tripura Bamboo Mission, Shri Pravin L. Agrawal participated in the said Summit. During the 2 day show, visitors thronged Tripura stall. Many visitors have shown keen interest to initiate business with Tripura. The stall was decorated with display banners and information brochures were distributed among the business visitors at the Summit.



### 23<sup>rd</sup> Tripura Industries & Commerce Fair

The 23<sup>rd</sup> Tripura Industries & Commerce Fair organized by Industries & Commerce Department, Government of Tripura at Agartala International Fair Ground & Exhibition Centre, Hapania from 27<sup>th</sup> December, 2012 to 11<sup>th</sup> January, 2013. A stall was put by TBM at the said fair where demonstration of bamboo skills and technology in bamboo sector were showcased. Product display and sales were also facilitated. The innovative stall was adjudged the 'Best Stall for Overall Display'.



## National Handloom Expo 2013, Agartala

National Handloom Expo was organized by Department Handloom, Handicraft & Sericulture, Government of Tripura at Purbasha Ground Agartala from 15<sup>th</sup> to 29<sup>th</sup> March, 2013. TBM participated in the said Expo by putting up sales & display of exclusive bamboo craft products from various clusters.



## State Level Bwisu Festival

The state level Bwisu Festival was organized at Gopal Roaza Para High School, Twifuma, Sabrum from 12<sup>th</sup> to 13<sup>th</sup> April, 2013. Exclusive bamboo handicrafts were showcased by TBM at the said fair by putting up a stall for display & sales.



## 11. Review Meeting of Tripura Bamboo Mission

### Review Meeting under the Chairmanship of Principal Secretary, Industries & Commerce, Government of Tripura

A Review Meeting of the activities of Tripura Bamboo Mission was held at the Conference Hall of the Industries Department building on 19<sup>th</sup> January, 2013. Meeting was chaired by Shri L. K. Gupta, IAS, Principal Secretary, Industries & Commerce, Government of Tripura. The Chairman laid great emphasis on the development of Incense sector as it is the major contributor to the state's bamboo based economy. He advised that going onwards there should be increased focus on perfumed rolled agarbatti to be maximized the value addition in the state. He suggested the following actions to be taken in this regard.



Key Decisions & Action taken by TBM thereof:

<b>Table 5: Key Decisions of TBM Review Meeting &amp; action taken</b>	
<b>Decision taken</b>	<b>Action taken</b>
Focus on semi-mechanization & mechanization in incense	<p>Trainings are being conducted on semi-mechanized stick &amp; agarbatti making. Following activities under undertaken during October, 2012 to till date.</p> <p><b>Stick making:</b> Total 7 production centers have been formed in the state in semi mechanized stick making with a combined capacity of approx. 6.5 MT/month for initial one year. Such more clusters are planned in 2013-14 by TBM. 1 new fully mechanized stick making unit set up in the state with a production capacity of 3 MT/month.</p> <p><b>Rolling</b> Total 3 production units have been setup in mechanized rolling in the state with a combined capacity of approx. 3.5 MT/month. Such more clusters are planned in 2013-14 by TBM</p>
Facilitating PMEGP scheme to local entrepreneurs	TBM is continuing to facilitate & guide local entrepreneurs across various bamboo sectors to take the benefit of PMEGP. Awareness camps in all the districts in coordination with DICs have been started. It is planned to conduct 8 such camps within April, 2013
Perfuming & Packaging training	<p>Already 20 entrepreneurs trained; more persons, if interested, will be supported. However, TBM is at present focusing on to stabilize the perfuming activities by trained entrepreneurs</p> <p>TBM-IL&amp;FS has approached Pragati Institute, Kolkata and FFDC, Kannauj for starting such training at Agartala for which modalities will be finalized by May, 2013.</p>
Availability of Raw Materials	<p>Presently the assessment of grades of raw materials and suitable suppliers are being identified.</p> <p>Concept of Raw Material Bank (RMB) has been incorporated in the proposal being submitted to NE Council.</p>
Exposure visits to incense industries etc.	TBM's technical team visited major incense industries in South India in the month of February and gathered essential information related to raw material, market & technology.
Standardization & Branding of Agarbattis manufactured in Tripura	<p>A visit was conducted to BIS Regional Office, Kolkata and it was found that, no standards exist on Agarbattis. The draft of standards prepared by them in 1992 was never published due to sensitivity issues.</p> <p>However, visual and numerical standards for quantifying the quality of produce are being followed by various industries which have now been included in TBM's training programmes.</p> <p>Branding initiatives may be delayed until TBM has its own raw material bank and production base.</p>
Fund raising for NInC activities	Proposal has been sent to the DM(West) for fund raising for prototype development.

Coordinated approach in skill development	The programmes are being organized in coordination with DRDA, Block & District Admin and DICs.
Collaboration of TBM and BCDI	TBM in collaboration with BCDI has already conducted 6 capacity building programmes across the state in March '13
Viable Operation of CFCs	Revised business plan under preparation; fund is being sought from various agencies. Kaladhepa- Activity started; Jogendranagar-Activity started & linked with entrepreneur. Nalchar- Discussion with stakeholders for common strategy is going on.
Collaboration with THHDC & DHHS	As per the meeting on 6-April-2013, TBM & DHHS will conduct a joint survey to develop a strategy for convergence & synergy in the activities.
Plantations to be linked to upcoming industries	Joint visit to existing plantation site & creation of new plantation are being implemented with the upcoming unit officials.
Collaboration with ITI Udaipur	TBM's technical team visited ITI Udaipur to see the infrastructure which may be utilized for short-term training on mechanized stick making to ITI passouts.
Proposal to NEC for 1000 Ha plantation	DPR Submitted to the state govt.
Establishment of 2(two) Demonstration plots	Site has been identified; land demarcation has been done at Rubber Park. Approximately 10 Ha plantation will be raised during this planting season.
Operationalizing the Tissue Culture Laboratory at Hatipara	Meeting with conducted with Dr. N. Barathi of Growmore Biotech who has agreed to partner with TBM to operationalize the said Lab. A meeting was conducted with Additional PCCF and DFO (Research) who have also agreed on TBM's proposal of taking over the Lab. Within April, 2013, an action plan for operationalizing the Lab will be proposed.

## 12. Comparison of achievements

**Table 6: Comparison of achievements**

Sl. No.	January - March, 2012 (Previous year)	January – March, 2013 (Present)	October - December, 2012 (Last quarter)
Bamboo Stick	<ul style="list-style-type: none"> <li>- 500 persons mobilized in polished stick sector</li> <li>- 840 persons trained in polished stick in South &amp; Gomati districts</li> </ul>	<ul style="list-style-type: none"> <li>- 40 rural artisans trained in Semi-mechanized bamboo stick making</li> <li>- Introduction of 2<sup>nd</sup> Improved Tool for bamboo stick making</li> <li>- MoU signed between NIT Agartala &amp; TBM. Proposal to DM(West) submitted for funding for prototype development</li> </ul>	<ul style="list-style-type: none"> <li>- 150 artisans trained in semi mechanized stick making</li> </ul>
Raw & perfumed Agarbatti	<ul style="list-style-type: none"> <li>- 437 persons trained in hand made agarbatti rolling</li> </ul>	<ul style="list-style-type: none"> <li>- 2 training programmes on mechanized agarbatti rolling conducted; Total 50 artisans trained</li> <li>- 2 training programmes conducted on hand rolled agarbatti production; total 80 artisans trained</li> </ul>	<ul style="list-style-type: none"> <li>- 161 artisans trained in hand-rolled agarbatti making</li> </ul>
Handicrafts & Furniture	<ul style="list-style-type: none"> <li>- 179 persons trained in utility handicraft making</li> <li>- 120 persons trained in Sales &amp; Marketing</li> <li>- 64 persons trained in Enterprise Development</li> <li>- Participation in NE Business Summit, Craft Bazar, Regional SARAS Fair, Tripura Industries fair and 5<sup>th</sup> Panacea, Mumbai.</li> </ul>	<ul style="list-style-type: none"> <li>- 10 master trainers trained under Training of Trainers (ToT) programme in Bags &amp; Accessories.</li> <li>- Total 1148 persons mostly SHG members mobilized under NE Council approved project.</li> <li>- 180 persons trained under NE Council project</li> <li>- 120 persons trained in CB&amp;T programmed with NCDPD</li> <li>- Participation in NE Business Summit, Tripura Industries Fair, National Handloom Expo and State level Bwisu festival</li> </ul>	<ul style="list-style-type: none"> <li>- 30 persons have been trained in bamboo packaging under DoNER approved project</li> <li>- 15 new designs developed by TBM's Design Cell and disseminated to clusters</li> <li>- Producer groups trained in merchandising &amp; production planning</li> <li>- Baseline survey &amp; community mobilization under NEC approved project started at 6 locations across the state</li> <li>- Participation in IITF 2012</li> </ul>



			<ul style="list-style-type: none"> <li>- Participation in Kerala Bamboo Fest 2012 in Kochi</li> <li>- Participation in 8<sup>th</sup> Regional SARAS fair, Agartala</li> <li>- Participation in India Show in Dhaka, Bangladesh</li> </ul>
Dhari Mat	<ul style="list-style-type: none"> <li>- 527 persons trained in Mat weaving across the state</li> </ul>	-	-
Industrial Application	<ul style="list-style-type: none"> <li>- Foundation stone of Tripura Bamboo park at Bodhjungnagar laid by Hon'ble Chief Minister, Tripura.</li> <li>- Investor meet for Tripura Bamboo Park held at Panacea, Mumbai</li> </ul>	<ul style="list-style-type: none"> <li>- Construction works of basic infrastructure at Bamboo Park ongoing.</li> <li>- Construction of shed of Mutha Industries nearing completion</li> <li>- On fully mechanized unit of incense involving all value chains has been operationalized at Fatikcherra</li> </ul>	<ul style="list-style-type: none"> <li>- Mutha group have started construction works for their bamboo tiles unit at the bamboo Park</li> </ul>
Resource	<ul style="list-style-type: none"> <li>- Meeting on augmentation of bamboo resources in Tripura held under the Chairmanship of Hon'ble Minister, Forests, Govt.. of Tripura</li> <li>- Proposal for bamboo plantation under MGNREGA under Mohanpur, Hezamara &amp; Mandwi R. D. Blocks submitted proposing Total 158.52 Ha and 310 beneficiaries</li> </ul>	<ul style="list-style-type: none"> <li>- Detail project report on Tripura Bamboo Plantation Development of 500 Ha prepared and submitted to the state government</li> <li>- Payments released to the MGNREGA beneficiaries for 1<sup>st</sup> &amp; 2<sup>nd</sup> weeding of bamboo plantation in Hezamara, Mandwi, Mohanpur and Ambassa</li> </ul>	<ul style="list-style-type: none"> <li>- 58 field functionaries trained under National Bamboo Mission</li> </ul>
Other Activities	<ul style="list-style-type: none"> <li>- Sixth Coordinated Mission Steering Committee Meeting of TBM held under the Chairmanship of Chief Secretary, Tripura</li> </ul>	<ul style="list-style-type: none"> <li>- Review Meeting of Tripura Bamboo Mission held under the Chairmanship of Principal Secretary, Industries &amp; Commerce, Govt. of Tripura</li> <li>- Exposure visit South India for TBM technical team organized to gather latest information on market, technology and raw material</li> </ul>	<ul style="list-style-type: none"> <li>- Meetings on policy Issues in incense sector held</li> <li>- TBM's First Executive Committee Meeting held</li> </ul>

### 13. Annexure: List of Programmes Conducted

<b>Table 7:List of programmes Conducted in Incense Sector</b>					
<b>January - March 2013</b>					
<i>Sl. No.</i>	<i>Name of Training</i>	<i>Date</i>	<i>Venue</i>	<i>No. of participants</i>	<i>Project / Fund source</i>
1	Semi-Mechanized Agarbatti stick production	8th March, 2013 -22nd March, 2013	Patacherra, Gomati district	40	JICA
2	Mechanized rolling	29th March-28th April 2013	Amtali, West Tripura, district	20	Special SGSY
3	Mechanized rolling	29th March-28th April 2013	Fatikcherra, West Tripura district	30	Special SGSY
4	Hand-rolled agarbatti	25 <sup>rd</sup> to 29 <sup>th</sup> March, 2013	Gajaria, Bishalgarh, Sipahijala district	40	Spl. SGSY
5	Hand-rolled agarbatti	21st-25th March, 2013	Tatuatilla, Uttar Chandrapur Gomati district	40	Spl. SGSY
			<b>Total</b>	<b>170</b>	

**Table 8: List of Programmes conducted in Handicrafts Sector**

<b>Programmes under the project 'Institution &amp; Industry Linked Capacity Building in Bamboo Packaging, Bags &amp; Accessories for Rural Artisans in Tripura' supported by Minsitry of Development of North East Region</b>						
Sl. No.	Name of Programme	Training module	Venue	Date	Duration	No. of Trainees
<b>January - March 2013</b>						
1	Training of Trainers- Bags & Accessories	Bags & Accessories (Module A)	TBM Design Cell, Baikhora, Mohanpur, Jogendranagar, H. C. Para, Nutannagar	2 <sup>nd</sup> January to 15 <sup>th</sup> March, 2013	45 days	10
					<b>Total</b>	<b>10</b>
<b>Programmes under the project 'Integrated development of Bamboo Handicraft Clusters in Tripura' supported by North Eastern Council, Ministry of DoNER, Govt. of India</b>						
Sl. No.	Name of Programme	Project Location	Venue	Date	No. of Days	No. of SHGs members/ participants
<b>January - March 2013</b>						
	<b>Mobilization &amp; Baseline</b>					
1	Mobilization Camp	Dharmanagar	Jubarajnagar	5th January, 2013	1	57
2	Mobilization Camp	Dharmanagar	Thana Road, Dharmanagar	3rd April, 2013	1	90
3	Mobilization Camp	Salema	Santirbazar Town Hall	4th January, 2013	1	120
4	Mobilization Camp	Salema	Santirbazar Town Hall	5th January, 2013	1	109
5	Mobilization Camp	Mungiakami	Katuni Bayan Conf. Hall Chakmaghat	4th January, 2013	1	105
6	Mobilization Camp	Mungiakami	DHHS Cluster Hall, Chakmaghat	4th January, 2013	1	105

7	Mobilization Camp	Gandhigram	Narsingarh Community Hall	5th January, 2013	1	75
8	Mobilization Camp	Gandhigram	Narsingarh Community Hall	5th January, 2013	1	82
9	Mobilization Camp	Durlavnarayan	Khas Chowmuhani Panchayat Hall	7th January, 2013	1	110
10	Mobilization Camp	Durlavnarayan	Khas Chowmuhani Panchayat Hall	9th January, 2013	1	110
11	Mobilization Camp	Matabari	Chandrapul viillage Panchyat Community hall	8th January, 2013	1	90
12	Mobilization Camp	Matabari	Chandrapur viillage Panchyat Community hall	9th January, 2013	1	95
<b>Total</b>						<b>1148</b>
<b>Technological Interventions</b>						
1	Design & Technology Development Workshop	Salema	Shakti Sangha, Santirbazar	16th to 30th March, 2013	15	30
2	Design & Technology Development Workshop	Salema	Avanga CFC, Santirbazar	16th to 30th March, 2013	15	30
3	Design & Technology Development Workshop	Gandhigram	Narsingarh	10th to 24th January, 2013	15	30
4	Design & Technology Development Workshop	Gandhigram	Narsingarh	8th to 23rd March, 2013	15	30
5	Design & Technology	Durlavnarayan	Khas Chowmuhani	11th to 25th January, 2013	15	30

	Development Workshop					
6	Design & Technology Development Workshop	Durlavnarayan	Khas Chowmuhani	12th to 26th March, 2013	15	30
				Total		180
Capacity Building & Training (CBT) Programmes in collaboration with National Centre for Design & Product Development, New Delhi						
Sl. No.	Name of Programme		Venue	Date	Duration, No. of Days	No. of Participants
January - March 2013						
1	Capacity Building & Training (CB&T) programme		CFC Kaladhepa, South Tripura	18th to 22nd March, 2013	5	20
2	Capacity Building & Training (CB&T) programme		CFC Kaladhepa, South Tripura	18th to 22nd March, 2013	5	20
3	Capacity Building & Training (CB&T) programme		CFC Palpara, Sipahijala	18th to 22nd March, 2013	5	20
4	Capacity Building & Training (CB&T) programme		CFC Palpara, Sipahijala	18th to 22nd March, 2013	5	20
5	Capacity Building & Training (CB&T) programme		CFC Ambassa, Dhalai	18th to 22nd March, 2013	5	20
6	Capacity Building & Training (CB&T) programme		CFC Ambassa, Dhalai	18th to 22nd March, 2013	5	20
					Total	120

<b>Table 9:List of Fairs, Exhibitions, Business Meets participated</b>				
Sl. No.	Name of Fair Exhibition	Venue	Date	Organized by
<b>January - March 2013</b>				
1	8th North East Business Summit, New Delhi	Hotel Le Meridien, New Delhi	9th - 10th January, 2013	Ministry of Commerce, Govt. of India and Indian Chamber of Commerce
2	23rd Tripura Industries & Commerce Fair	AIFG&EC, Hapania, Agartala	27th December, 2012 - 11th Janaury, 2013	Industries & Commerce dept., Govt. of Tripura
3	National Handloom Expo	Purbasha Ground, Agartala	15th - 29th March, 2013	Handloom, Handicrafts & Sericulture dept., Govt. of India
4	State Level Bwisu Festival	Gopal Roaza Para High School, Twifuma, Sabrum	12th - 13th April, 2013	Govt. of Tripura