

Q2: FY '09 – '10

## TRIPURA BAMBOO MISSION



## QUARTERLY PROGRESS REPORT

JULY – SEPTEMBER 09

# Summary of Progress Achieved

## ❖ Capacity Building

During the quarter 1704 persons, artisan and field functionaries have been trained across the following sectors:

1. Incense stick (polished) training :174 persons
2. Mat weaving training: 248 persons
3. Training on cultivation and Propagation:583 persons
4. Training on handicrafts, home utility & furniture: 374 Artisans
5. Training of field functionaries: 4 officials
6. Exposure outside the state: 169 persons
7. Training on bamboo preservation & Treatment: 152 persons.

## ❖ Resource Mobilization:

1. Release of 2<sup>nd</sup> Phase fund Special SGSY, Ministry of Rural Development, Govt. of India.

## ❖ Community Mobilization:

1. 1 new polished stick cluster: 120 women mobilized
2. 6 new mat villages: 488 minority and tribal women mobilized (Dhalai and North Tripura)
3. 2 JFMCs mobilized in agarbatti sector.

## ❖ Market Linkage:

1. Polished sticks marketed to Cycle Agarbatti brand, Bangalore.
2. Handicrafts products marketed through exhibitions and linkages with buyers from New Delhi, Bangalore and Local Market.
3. Dhari Mat supply to Zunon Ply Industries and APIL.
4. Dhari mat supplied to new partner A.B.Composit, Kolkata.
5. Rolled batti market linkage with Tirupati Agarbatti & Sadhana Enterprises.

## ❖ New Partners Development

1. APIL (Arunachal Plywood Industries Limited) Industry partner for Mat sector development and buyback.
2. AIACA – Institutional partner for Handicrafts sector development
3. Design resource: Mrs. Sangeeta Sen for introduction of new weaving & base design in basketry.

## ❖ Infrastructure Development:

1. Site development & construction of handicrafts (Bamboo Blinds) CFC at Jogendranagar initiated.
2. Site development and construction of handicrafts (Bamboo table mats) CFC at Mohanpur initiated.

3. Building of two Agarbatti rolling center at Bishalgarh Cluster
4. Building of training center for Dhari making at Kalyanpur, Kalacherra, Mendi and Ashapura.
5. Establishing of CFC at Arundhuti nagar

# Detailed Progress Report

## INCENSE SUBSECTOR:

The various activities under taken under the Incense subsector can be divided into polished stick making and production of rolled incense. The activities in the quarter are as follows:

### Polished Incense Sticks:

- Increasing the total number artisans in the polished stick, one hundred and seventy four persons were trained at Srinagar in south Tripura and Ichai Lalcherra at Dharmanagar.
- TBM has mobilized artisans of Srinagar area of South Tripura to take part in the training. The market linkage for the cluster is Takka Tulasi Agarbatti Cooperative Society, Srinagar who will directly sell their products to Karnataka, Tamilnadu etc. This training has been organized with the support from National Bamboo Mission and in coordination with Local Forest Deptt. and Takka Tulasi Agarbatti Cooperative Society.
- Procurement from Kumarghat makes the landed cost of bamboo sticks very high. On this context, TBM-IL&FS Clusters planned to train a group of people in agarbatti stick production Ichhai Lalcherra of Dharmanagar. This trained group will produce bamboo stick and supply to the rolling centers of Dharmanagar agarbatti clusters. Also the polished stick will be bought back by P. S. Green Gold bamboo Industry.
- A proposal has been to JICA for setting up agarbatti & polished stick resource center at Kaladhepa near Manubazar in Sabrum Sub-division.



### Rolled incense:

- In Agarbatti rolling sector no new trainings were conducted but existing centers like Bishalgarh were strengthened. Several rolling centers were developed and private investors also played an important role in setting up these new centers.

- Meetings with women interested in rolling (community mobilization) were organized at Ujan Dudhpur in North Tripura and Teliamura in West Tripura. Beside this, a meeting was also held with Durga SHG of Pecharthal who are already engaged in agarbatti scenting.
- Investor for making Agarbatti masala was facilitated, the availability of Agarbatti masala was posing issues related to production, with the new unit set up at Teliamura the Agarbatti masala supply issues will be solved.
- For setting up raw material centre, meeting with JFMCs were held at Teliamura, Bishalgarh & Muhuripur.
- Khasiamangal JFMC under Teliamura FDA has agreed to supply jigat to the pulverizer unit set up at Teliamura by an entrepreneur from Orissa. The unit is also procuring jigat from Swami Vivekananda JFMC of Peratia.
- Another meeting was held with Pathalia JFMC in presence local Forest Beat Officer. There is enough resource of jigat available in the respective Forest Range territory. The initiative is being taken to serve the Bishalgarh rolled batti cluster.
- With similar approach, meeting was held with Muhuripur JFMC to set up raw material centre which may serve the southern rolled batti clusters. JFMC has started survey for availability of resource to submit the formal resolution to the DFO.
- In Pecharthal, it has been planned that a block level meeting with SHGs engaged in agarbatti will be held in November to possibly build strength of those groups in scenting, packaging & marketing of agarbatti.



## **MAT SUBSECTOR:**

The training program on production of bamboo mats for to be used for bamboo industrial laminates has been designed and undertaken in close association with the industry partners. Two industry partners have been selected for the project:

1. Arunachal Plywood Industries Limited (APIL) : Leading bamboo mat board and prefabricated bamboo housing manufacturer based in Arunachal Pradesh
2. P S Green Gold, local industry partner based in Dharmanagar, North Tripura.
3. A.B.Composite, Kolkata.

MOUs have been signed with both the partners to impart technical support for the design of the training program module and for the buyback of the mats produced by the community after successful completion of the production.

To meet the target of 3000 to 5000 bamboo mats per day, TBM –IL & FS Cluster has undertaken an aggressive strategy mobilizing community, providing training and market linkage for the North Tripura and Dhalai District.

In the Dhari Mat sector the focus was mainly on Production Management training which is integral from the point of commercial production of Dhari mat for supplying to industry partners. During the last quarter the following activities were undertaken in Dhari Mat sector

- Training programme on Production management was held from 13<sup>th</sup> July-12<sup>th</sup> August 2009 at Ashapura, Dhalai District, 20 artisans were trained in this training. This training was conducted in collaboration of the society named “Wa Ranchak Bodol Society” this society was promoted by TBM with the artisans involved in dhari mat production and got registered under the S. R. Act 1860. This society has taken responsibility for the production of the industrial dhari mat at Ashapura as per the industry specification. The objective of the training was to develop skill of rural artisans to manage production house of industrial dhari mat with proper utilization of the raw material and getting the final products.
- The 30 days long training on production management of industrial dhari mat was organized at Mendi in Dhalai from 15<sup>th</sup> July-14<sup>th</sup> August 2009 in collaboration with “Wa Khasrang Bodol Society”. The utilization of raw material in proper way was one of the outcomes of the training. The output of sliver per bamboo and no. of slivers per dhari mat was another important outcome of the programme. These data are useful in managing the industrial dhari mat production house. Twenty five artisans were trained under this training programme.
- This training programme on production management of dhari mat was organized in collaboration with “Wa Kwathar Bodol Society” promoted by TBM from 1<sup>st</sup>-30<sup>th</sup> August

2009, Twenty artisans were trained during this training. Training on production management was organized to train the artisans in proper utilization of raw materials, storage system, selection of mature bamboo, wastage minimization and documentation.

- This training programme on production management of dhari mat was organized in collaboration with “Rural Bamboo Artisans’ Welfare Society” promoted by TBM from 19<sup>th</sup> August-18<sup>th</sup> September 2009, twenty artisans were trained in this training. In North Tripura district, rural population is also engaged in dhari mat weaving. The objective of this training programme was to organize artisans for strengthening bamboo dhari mat cluster in the district. The market linkage is provided by P. S. Green Gold Industry of Dharmanagar.
- This was the second phase of production mobilization training at Mendi involving “Wakhasrang Bodol Society” Mendi, Dhalai district. Twenty five more artisans were trained from 16<sup>th</sup> August-15<sup>th</sup> September 2009.. As the production had geared up, a bamboo depot as well as mat product depot were set up at the centre. The artisans and the marketing personnel of the society were trained in marketing management of dhari.



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## **HANDICRAFTS SUBSECTOR:**

In the Handicrafts sector design development training's were conducted at Town Pratapgarh, Indranagar, Jogendranagar, Charilum, Jirania, Nalchar & Agartala cluster. The training programmes conducted were aimed at developing the design and skill of the artisans involved in handicrafts. The focus of the skill training in bamboo home utility products has been to instrument a shift from the production of low value handicraft products that the artisans have been producing for the past decades to the production of contemporary bamboo home utility products that has a growing market. Design experts from outside the state were involved in all the training programmes, providing the much required support for new and innovative designs. In the current quarter (July-September 2009) **374 artisans were trained in various design development programme and production mobilization training program across all the handicraft clusters** . The details of the training are mentioned below:

### **Town Pratapgarh:**

The trainings conducted at Town Pratapgarh has helped the artisans and the society to increase their earnings and more than 50 new designs were developed during this quarter, the society has received positive response from the market for most of the products developed during the design and skill development trainings The details of trainings and production management training conducted at Town Pratapgarh are mentioned below:

- The training to develop a range of lampshades prior to Diwali (festival of lights) so as to tap the corporate sector for gifts items and also for Fabindia. The total no of artisans involved in the design & development program were 36 (highly skilled) artisans and was conducted for 22 days. Starting from the 4th – 25th July 2009, Mr. Hrishikesh, Design Consultant from New Delhi developed the designs. The products produced during the training program were lampshades of different sizes and shapes made out of mechanized bamboo sticks. The mechanized bamboo sticks used during the programs were i) eye shaped mechanized stick, ii) flat mechanized stick, & iii) 4.5 mm round sticks. Raw materials, like; mechanized bamboo sticks, used for the production of lampshades for the training were from BAFPL (Banik Agro-Forest Products Limited). BAFPL is the producer of mechanized round, flat and eye shaped sticks. Some of the most important components of the production were handmade color papers, magnets, and beads, which were not available here. The designer himself procured these from Delhi. Other materials are gathered from the local market here in Tripura. Sourcing of material like cane is a setback as it is scarce here in the state. But it has been managed through the center manager of Contemporary Bamboo Craft Society. The lamps developed during the programme were categorized in different types:



- i. Basketry,
  - ii. Jig saw design,
  - iii. Wall hanging,
  - iv. Cone,
  - v. Inverted cone,
  - vi. Swinging, &
  - vii. Frolic.
- This training on developing a range of high end bamboo ‘cutlery’ and lamps for Hotels and Restaurants was started from 27th July to 2nd August 2009, with 29 highly skilled artisans with different skill sets, like basketry, furniture, & turning products, renowned designer Siddhartha Das from New Delhi developed the designs. The designer has linkages with hotel groups and keeping in view the demand of eco friendly products in Hotels this range was developed. The products produced during the training program were bamboo cutlery & lampshades of different sizes and shapes. The products developed during the programme were categorized in three different types:
    - a. Basketry, (lamp shades, trays
    - b. Different kinds of spoons, Soap cases, etc.
    - c. Turning products, (all containers)

#### **Katlamara and Sankhala:**

- The skill and design developed training conducted at these two clusters the previous quarter resulted in more artisans getting involved with the center, the designs provided by senior designer from NID, Ahmedabad Prof. M.P. Ranjan and his team received positive response from the market. At Sankhala cluster more than 20 artisans are working in the center and the artisans executed orders of bamboo furniture for markets outside and within the state.
- At the Katlamara cluster after the two months training executed orders for the new store of Industree Crafts, Bangalore. The Cluster also executed order for bamboo furniture’s for a Delhi based company, the society supplied quality bamboo furniture and the order was executed on them. This was possible mainly because of the 60 new artisans trained during the previous month. The capacity of the center has increased and it is possible to execute larger volume orders.

#### **Jogendranagar and Jirania:**

The following training programmes were conducted at the Jogendranagar and Jirania clusters:

- This training on basic natural dyeing of split bamboo mat products using natural dyes in various colors and shade was conducted at Jogendranagar cluster and 40 artisans were

trained in this training from 17<sup>th</sup>-23<sup>rd</sup> August. Mr. Mahadevan from Industree Crafts Foundation, Bangalore was the resource person of the training. The artisans trained were from different groups of Self Help Group and members of Creative Bamboo Craft Society. Artisans were divided into four groups, ten members in each group. Each group followed the same method of natural dyes during the training. Bamboo sliver was kept in the water for two days to make it softer, this process resulted in absorbing of natural dyes quickly. There are two processes concerned with dyeing, most of the vegetable colors they are Mordanting & Actual coloring. Mordant is an organic material & used for fixing the color on sliver & improve the color fastness. There are four Mordents has been used like ALUM, COPPERSULPHATE, POTTASSIUM-DI-CHROMATE& FERROUSSULPHATE. Actual coloring means dye yielding materials has been used like MANJUSTAS ROOT, ANNATA SEED, HARDA, PALLUS FLOWER, RATHAN JYOTS, and KAHDIRA. At the end of the training artisans learned natural dyeing process and also using natural dyes locally available to make high end products, targeting the natural segment of market

- Jogendranagar and Jirania clusters are important centers for split bamboo mats. Products like bamboo window blinds, door screen, floor mat, table mats, placemat and utility products from mats are the main products of these two clusters. Artisans after training on natural dyeing of bamboo sticks executed order for Industree Crafts Pvt. Ltd,Bangalore

## **Nalchar**

Nalchar is an important cluster for bamboo basketry, the following training on production management was conducted at Nalchar during this quarter:

- The Production management was conducted at Baramura Nalchar, the artisans were earlier trained by Mr. Hrishikesh (Design Consultant) and artisans were trained in making floor lamps using bamboo sticks. After the earlier training artisans group formed a SHG and they were given order for making floor lamps. The focus on production management was important from the commercial production point. Artisans in this cluster were making floor lamps and newly designed lamps for the first time and the need for artisans to learn basic knowledge on management of production was very important. Mr. Surjomoni Debbarma trained the artisans in the following topics,
  - Preparation of the production schedule.
  - Establishing of procurement planning and processes for raw material trims and accessories.
  - Establishing quality check points along the production processes.
  - Minimizing product variations.
  - Finishing of products.

- Packaging.
- Inventory management of both finished goods and raw material.

## **Charilam**

The following training on design & skill development and production management was conducted at Charilam cluster during this quarter:

- The Training on Skill and Design Development in home utility products was conducted from 18th Aug-16th Sept 09: Karaimura, Charilam with artisans from Bamboo Crafts Artisan Welfare society, the total no. of artisans trained were one hundred (100) with an objective of the develop Charilam cluster as center of higher value added bamboo basketry and utility products. The artisans learned new technique in dyeing and finishing of basketry was introduced, artisans were encouraged to make better quality products and developed new range and variety of basketry and utility products by integrating new techniques on dyeing & bamboo sliver basketry product.. The artisans involved were from different members of Self Help Group and Bamboo Craft Artisan Welfare Society, each of the 100 artisans were with a certain skill- set and that could be utilized at different stages of product development and production. The products developed were mainly bamboo bags which has high demand in the market

## **Agartala**

A new production and finishing center was started at Arundhuti Nagar during this quarter, the center will have facility for finishing and final packaging of products. A compressor machine was installed at this center and the following training programme on production management was conducted at the center:

- The training program to develop a range of high end bamboo candles & candle stand prior to diwali (festival of lights) and for corporate gifting items, was conducted from 22<sup>nd</sup> August to 6<sup>th</sup> September 2009. The design consultant Ms. Nandini Lal developed range of high end and premium quality candle stands. The products produced during the training program were bamboo candles, t-lights, candle stands, etc. Raw materials, like bamboo, used for the production of candles & candle stands for the training were provided by Contemporary Bamboo Craft Society. Contemporary Bamboo Craft Society is the producer of bamboo turning products & lampshades. Integration or other local raw material like cane was done to enhance the value of the products.

The products developed during the programme were categorized in three different types:

- a) Turning.
- b) Whole bamboo,
- c) Sticks & slats.

### **Baikhora:**

The Baikhora cluster has been producing handicraft products at commercial level for more than a one year, to increase the capacity of the center more artisans were selected for training on production management and the training started on 30<sup>th</sup> September 2009 for 20 artisans. Artisans will be trained on the following topics of production management:

- Preparation of the production schedule
- Establishing of procurement planning and processes for raw material trims and accessories
- Establishing quality check points along the production processes
- Minimizing product variations
- Finishing of products
- Packaging
- Inventory management of both finished goods and raw material

### **MARKETING:**

In addition to the existing market linkages, the following new marketing initiatives were undertaken under the Tripura Bamboo Mission:

- Market linkage is an important aspect for the TBM projects; TBM facilitates market linkage of all the handicraft clusters. Apart from the direct market linkage facilitated by TBM, the societies formed by TBM also did marketing of products with various partners within and outside the state and also to various handicraft stores located in Agartala. The Agartala, Jirania, Jogendranagar clusters shipped products to Kolkata, Guwahati and Hyderabad of products developed during design development trainings conducted by TBM. The products shipped were dyed and improved quality split bamboo placemats, new design lamp shades and round stick window blinds. **These societies also supplied handicraft products to the THHDC store Purbasha in Tripura, the society at Jirania/ Mohapur, Kalika handicraft society supplied 200 sets of dyed split bamboo table mat to Purbasha. TBM encourages these societies to supply to various buyers located within and outside the state.**
- The Baikhora community production center received an order to make 5000 conference bag from the IL&FS CDI SKILLS's division. The production target was completed on time and a new order for making 5000 conference was received by the center.

- Industree Crafts Pvt. Ltd. is regularly purchasing split bamboo mat from Jirania and Jogendranagar cluster for their new store Mother Earth in Bangalore. Apart from the regular order from Industree Crafts Pvt. Ltd, artisans from Jogendranagar and Jirania supplied split bamboo mats for making the conference and training bags were made of split bamboo mat produced by artisans groups based in Jogendranagar and Jirania to Baikhora production center and the Jirania cluster received an order for supplying split bamboo mat from an export firm based at New Delhi after participating in the IHGF fare organized by EPCH, New Delhi. The mat design for which order received were the new range of mats developed by designer Sangeeta Sen during the training conducted in previous quarter.
- Katlamara and Sankhala Cluster executed order for furniture from Industree Crafts Pvt. Ltd's new store at Mumbai and Bangalore.
- Cycle brand agarbatti is the biggest organized agarbatti company in India who has taken interest in procuring bamboo stick directly from the produces through TBM-IL & FS Clusters support. The senior officers from Cycle brand agarbatti Mr. Kiran Kumar and Mr Srinivasan have been invited to visit the Pillak Agarbnatt Cooperative societies depot and take a final call in making the deal. Pillak will be supplying around one truck (16MT) of polished bamboo stick of 9" length to Cycle brand agarbatti regularly.
- New market linkage for rolled batti has been established with local traders Tirupati Agarbatti and Sadhana Enterprises. They have offered a price of at least Rs. 42/- per kg especially for the quality rolled battis produced in Bishalgarh.

## **INFRASTRUCTURE DEVELOPMENT:**

- Construction of CFC at Jogendranagar and Jirania has been initiated using bamboo pre-fabricated structures with the funding support from NMBA. The foundation work has been completed where the pre-fabricated house will be erected in the next month. Both the clusters will be producing spited bamboo mats covering more than 300 artisans.
- Resolution passed by the Purba Nalchar gram Panchayat has been send to the revenue department to formally approve the land acquisition.
- 3 new CFCs have been constructed at Nikhildaspara, South Ghaniamara & Durganagar and 2 of them have already been operationalized.
- Building of training center for Dhari making at Mendi and Ashapurna.
- To address the need of finishing and polishing of handicraft products a new Common facility Center was started at Arundhuti nagar. The center has facility for spray finishing and final packaging.

## **FUND MOBILIZATION:**

- The second phase SGSY fund of Rs 2.25 crores was released by the Ministry of Rural Development, Government of Tripura.

## **RESOURCE GENERATION**

- The plantlets generated under the TBM program through various methods like hardening of tissue culture plant, vegetative propagation and seed germination at Hatipara central Nursery has been distributed to Forest department, SPV members and private plantation at Kalachhara Chai Bagan of Mohanpur Block.
- Plantlet distributed to the artisans com farmers in the Bagabasa area of Nalchar cluster in coordination with SPV members, Mr Manoj Kumar Debnath, in Kalamachara area of Sonamura in coordination with Mr. Anathbandhu Sutradhar and Mr. Pranab Sutradhar, Mr. Partha Chakrabarty, Greengold bamboo industries and Mr. Anjan Charkarbarti, Samaj Development Society Dharmanagar. In total more than 60 farmers has been supported for bamboo plantation in the non forest area.
- After notifying invitation for “Expression of Interest” to operationalize the tissue culture plant only one expression of interest has come from Sheel Biotech limited, Delhi. The company has a condition that the marketing of the plantlets should be done by the state Govt. Then another company named Grow more Bio tech, Hosur, Tamilnadu came forward to take the task. The company led by renewed bamboo scientist Dr. N.Bharati is well known in the clonal propagation of the plant specially bamboo. One team of the company has visited the TC Lab and submitted the detail reports regarding the operation strategy and the requirement with budget which is under the consideration stage.
- The demonstration bamboo plantation at kalacherra was completed and the plantation will be under the supervision of the kalachera chai bagan samabaya samiti. The first weeding was also completed. .
- Vacancy filling in the last year Demonstration Bamboo Plantation at Anandanagar has been completed and the maintenance of the fencing was done along with weeding activity.

## CAPACITY BUILDING:

(Implementation under the National Bamboo Mission)

### 1. The training of farmers/SHGs/ JFMCs/ artisans etc within the state

- a) **Training of Farmers:** Training has been given to 583 farmers within the state on bamboo cultivation, vegetative propagation in Sankhala, Duptali, Ompi, Katlamara, Baramaidan-Khowai, Sunacherra-Amarpur, Mendi and Ashapura at Dhalai district. The field functionaries trained in various programs has been taken as the resource person for the program.



- b) **Training of field functionaries:** Training on basic natural dyeing was attended by four field functionaries at Alps Industries Gaziabad, UP from 18<sup>th</sup>-21<sup>st</sup> August 2009.



- c) **Training in Bamboo Preservation Technology:** TBM in collaboration various local bodies providing training on Bamboo Preservation technology to bamboo artisans



- d) Kadamtala- **Dharmanagar**, Matabari and DIC, Conference hall Dhajanagar,. One hundred and fifty two artisans were trained during this quarter.



e) **Bamboo Value Addition:**

- i. During this quarter, training programme on manual polished agarbatti stick making was given to 174 SHG members at Srinagar and Ichar Lal cherra
- ii. Training has been given to 787 members in Agarbatti rolling at Dharmanagar, Bishnupur, Bishalgarh, Raghunathpur etc in the North Tripura & W Tripura district. It is to mention here that all the centers and training programs were linked to the market for input supply and output purchase. The training programs in Dharmanagar cluster completed and the local partner there is Samaj Development Society.
- iii. There were training programs on bamboo Dhari mats Churaibari, Damcherra, Mendi, Ashapura, Kalyanpur, Kalacherr and West Kunjaban , covering total of 248 members from various SHGs. All the training programs are followed by post training production and market linkage. Total of 9 training programs were conducted during the quarter under the DoNER program head. The bamboo species that was chosen during the session was dolu (*Schizostachyum dolua*), Mritinga, Pouda etc.

**2. The training of farmers/SHGs/ JFMCs/ artisans outside the state**

During the quarter a total number of 752 members were trained on Bamboo propagation and value addition outside the state. The training programme in the state of Assam, Mizoram, Kerala and Meghalaya was organized to make bamboo growers and farmers aware about the nursery management, propagation and value addition of bamboo.

- a) Meghalaya: A 35 member team was send to Meghalaya to gain exposure on Bamboo Propagation and value addition. The team visited Marboh Bamboo Product Pvt. Ltd.(Agarbatti stick & mat stick industry), Umkhuti F.R.C. Forest & Environment Department, Silviculture Division.NEHU Central University, and other bamboo

plantation area in the state. The program was conducted in close coordination with Mr. C S Choudhury, Bamboo Development Cell Meghalaya.

- b) Mizoram: Training and exposure was organized for 36 members who are mat artisans from three societies promoted by TBM-IL& FS Cluster to aggregate the members in the Bamboo plantation area at Sakawrhmutuai (initiative of forest division), to the plantation area in Sairang (working with tissue cultured species) and to visit the Mat board unit 'Zonam Matply' industry. The program was supported by Mr. Rosiama, CF Mizoram and Mr Zonun, MD of Zonun Ply Ltd Mizoram.
- c) Assam: Two training cum exposure visit was organized for 53 JFMC members to Karimganj and Guwahati of Assam. The members visited the Bamboo Nursery at Basistha, Bamboo Tissue culture laboratory in North Jalukbari functioning under National Bamboo mission, nursery Bamboo based handicraft production center at Barkhat under Meleng Balichapori GP of Kamrup district of Assam and the bamboo plantation near Guwahati. The other team visited the mat clusters in the Karimganj and bamboo nursery in the area.
- d) Kerala: 9 artisans participated at the "Haritholsavam", Cochin from 28<sup>th</sup>-31<sup>st</sup> August 2009.



## Detail of the programs by TBM from July to September 2009

### 1. Under the DoNER Program

#### A. Training on Bamboo handicraft sub sector

Training program under the handicraft subsector FY 2009-10						
Sl No	Cluster/Society	Training	Date	No. of days	Total number of artisans	Resource person/Designer
1	Town Pratapgarh	Design development in bamboo lamp & lamp sheds	4th July -16th July 09	13	35	Mr Hrishikesh
2	Town Pratapgarh	Design development of bamboo products for Hotel & restaurant industries	27th July- 2nd August 2009	7	29	Shiddhartha Das
3	Charilam,	Training on Basketry	18th July -16th August, 2009	25	100	Nirmal Das
4	Jogendranagar	Natural dying on Bamboo	17th to 23rd August, 2009	7	40	Mahadevan, Industree
5	Karaimura, Charilam	Training on utility bamboo Basketry	18th Aug to 17 <sup>th</sup> Sept, 20 09	30	50	Mr. Nirmal Namo & Mr Nirmal Das
6	Town Pratapgarh, CFC	Candle Making	22nd Aug to 6th Sept 09	16	20	Mrs. Nandini
7	Contemporary Bamboo Crafts Society, Town Pratapgarh	Training on skill and design development of Lamp shade	22nd Aug to 1st September 20 09	11	20	Mr. Hrishikesh
	Total				294	

**B. Training on Industrial Dhari mat sub sector**

Training on Dhari mat Production				
Training				
Sl. No.	Venue	Date	No. of Days	No. of participants
1	Churaibari	18th -22th Aug 09	5	50
2	Damchara, N Tripura	25th -29th Aug 09	5	53
			<b>Total</b>	<b>103</b>

**C. Training on Production Mobilization of Dhari Mat**

Production Mobilization				
S No	Place	Date	No of days	Trainee
1	Ashapurna, Dhalai	15th July -14th Aug 09	30	20
2	Mendi, Dhalai	17th July -16th Aug 09	30	25
3	Kalayanpur, W Tripura	1st Aug -30th Aug 09	30	20
4	Kalachhara, N Tripura	19th Aug -18th Sept 09	30	20
5	Mendi, Dhalai	17th Aug 09 -15th Sept 09	30	25
6	W Kunjaban, W Tripura	1st sept -30th Sept 09	30	18
7	Ashapurna, Dhalai	16th Aug- 28th Aug 09	12	17
			<b>Total</b>	<b>145</b>

**D. Training on Production Management – Handicraft Sub sector**

Sl No	Cluster/Society	Training	Date	Total No of days	No. of Participants	Resource Person/Designer
1	Town pratapgarh & AD Nagar	Production mgt on Bamboo lamp shed	6th Aug to 5th Sept 09	30	39	Anath Bandhu
2	Baramura, Nalchar & AD Nagar, Agartala	Production Mgt on Bamboo lamp shed	4th Aug to 11th Sept 09	38	21	Sanjay Das
3	Town pratapgarh	Candle making	22nd Aug to 5th Sept 09	15	20	Nandini Lal, delhi
	<b>Total</b>				<b>80</b>	

## E. Training on Agarbatti Sticks

TRAINING PROGRAM ON POLISHED STICK MAKING				
Sl. No.	Venue/Place	Date	No. of days	No. of participants
1	Srinagar, South Tripura	2nd to 6th Aug 09	5	108
2	Ichai Lalcherra, Dharmanagar	3rd to 7th Sept 09	5	66
Total				174

## 2. Training under the National Bamboo Mission Program

### A. Training on Bamboo Preservation & Treatment

TRAINING ON BAMBOO PRESERVATION & TREATMENT				
Sl.No	PLACE	DATE	No of days	No of trainee
1	SHG Training center, Dharmanager, Kadamdata Block	22nd Aug 09	1	42
2	Matabari Community hall, Udaipur	9th Sept 09	1	53
3	DIC,Conference hall, Udaipur	16th Sept 09	1	57
Total				152

### B. Training Programme for the field functionaries

Training program outside the state			
Sl No	place	Date	No. of Field Functioneries
1	Alps Industries Ltd., Gaziabad, UP	18th Aug -21st Aug 09	4
Total			4

### C. Training on Bamboo Cultivation

Training on Bamboo Cultivation			
Sl No	Place	Date	No of trainee
1	Sankhala, W Tripura	23rd- 24th Aug 09	80
2	Duptali, S Tripura	26th- 27th Aug 09	72
3	Ompi Town Hall, S Tripura	28th-29th Aug 09	69
4	Katalamara, Benu, W Tripura	30th - 31st Aug 09	108
5	Baramaidan, Khowai	6th -7th Sept 09	71
6	Sunachhara, Amarpur, S Tripura	9th -10th Sept 09	53
7	Mendi, Wa Kwasrang Badal, Dhalai	13th- 14th Sept 09	62
8	Ashapurna, Wa Ranchak Badal	15th -16th Sept 09	68
<b>Total</b>			<b>583</b>

### D. Exposure Visit and Trainings Outside the State

Sl. No.	Date	Training on	No. of days	No. of participants	Place of visit
1	27th to 29th July 09	Exposure & training on bamboo cultivation & dhari weaving	3	15	Karimganj, Assam
2	27th to 30th July 09	Exposure & Training on Bamboo cultivation & Value addition	4	38	Guwahati, Assam
3	19th to 22nd Aug 2009	Exposure & Training on Bamboo cultivation & Value addition	4	35	Shilong, Meghalay
4	4th to 7th Sept 09	Exposure & Training on Bamboo cultivation & Value addition	4	36	Guwahati, Assam
5	28th to 31st Aug 09	Participation in "Haritholsavam", Kerala	4	9	Cochin, Kerala
6	14th to 17th Sept 09	Exposure & Training on Bamboo cultivation & Value addition	4	36	Lengpoi, Mizoram
<b>Total</b>				<b>169</b>	

### **E. Training on Bamboo Preservation & Treatment**

<b>TRAINING ON BAMBOO PRESERVATION &amp; TREATMENT</b>				
<b>Sl.No</b>	<b>Venue</b>	<b>Date</b>	<b>No of days</b>	<b>No of trainee</b>
1	SHG Training center, Dharmanager, Kadamdatal Block	22nd August 2009	1	42
2	Matabari Community hall, Udaipur	9th Sept 09	1	53
3	DIC,Conference hall, Udaipur	16th Sept 09	1	57
<b>Total</b>				<b>152</b>

### **3) Formation of Societies:**

Three societies in the dhari mat production and one society in the Agarbatti stick marketing.

<b>Sl No</b>	<b>Name of the society</b>	<b>Activity of the society</b>	<b>Place</b>
<b>1</b>	Wa Ranchak Bodol Society	Dhari mat production & marketing activity	Ashapurna Village committee ADC, Dhala District
<b>2</b>	Wa Kwsrang Bodol Society	Dhari mat production & marketing activity	Mendi Village committee ADC, Dhala District
<b>3</b>	Wa Kwathar Bodol Society	Dhari mat production & marketing activity	Ramdayal Para village committee, ADC, West Tripura
<b>4</b>	Takka-Tulshi Agarbatti Cooperative Society	Production & marketing of Agarbatti stick	Srinagar, South Tripura