

# Quarterly Progress Report

**July - September, 2017**

*Submitted to:*

**Department of Industries & Commerce**  
**Government of Tripura**  
Shilpodyog Bhawan, Khejur Bagan, Agartala

*Submitted by:*

 **IL&FS** | Clusters

**IL&FS Cluster Development Initiative Ltd.**

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## 1. INTRODUCTION

### 1.1. ABOUT TRIPURA BAMBOO MISSION

Tripura is the first State to adopt a State Bamboo Policy in 2001. Tripura Bamboo Mission (TBM) was launched by the Government of Tripura in 2006 as an initiative to strengthen bamboo based industries in the state. The Mission's objectives of scaling up turnover of Bamboo sector and to simultaneously increase 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 up-gradation, working on a mission mode.

In 2012, the institutional structure of TBM was strengthened by registering it as a Society under S.R. Act 1860.

Govt. of Tripura has engaged IL&FS Cluster Development Initiative Ltd as Project Implementing Agency. IL&FS Clusters has deployed a multi-skilled team in Tripura and has built a network of partners and domain experts to undertake the implementation.

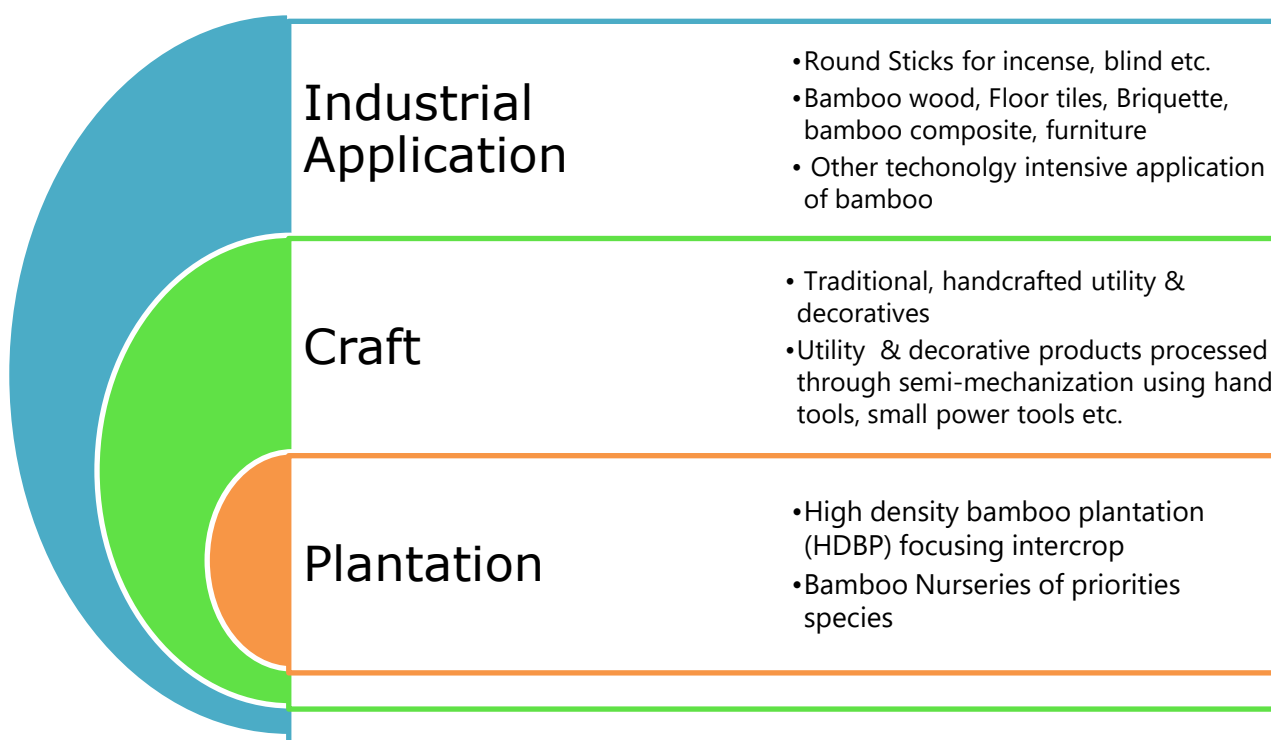
#### **Uniqueness of the programme**

- PPP framework: Private partner implements the entire programme with dedicated manpower
- Lean Govt. team headed by Mission Director
- PIA has the responsibility to mobilize funds to implement the project
- Convergence with several line departments and schemes
- Runs on a mission mode with clear targets & timeline that ensures effective project delivery with visible impact
- More than 95% of beneficiaries are women

### 1.2. FOCUS BAMBOO SUB-SECTORS

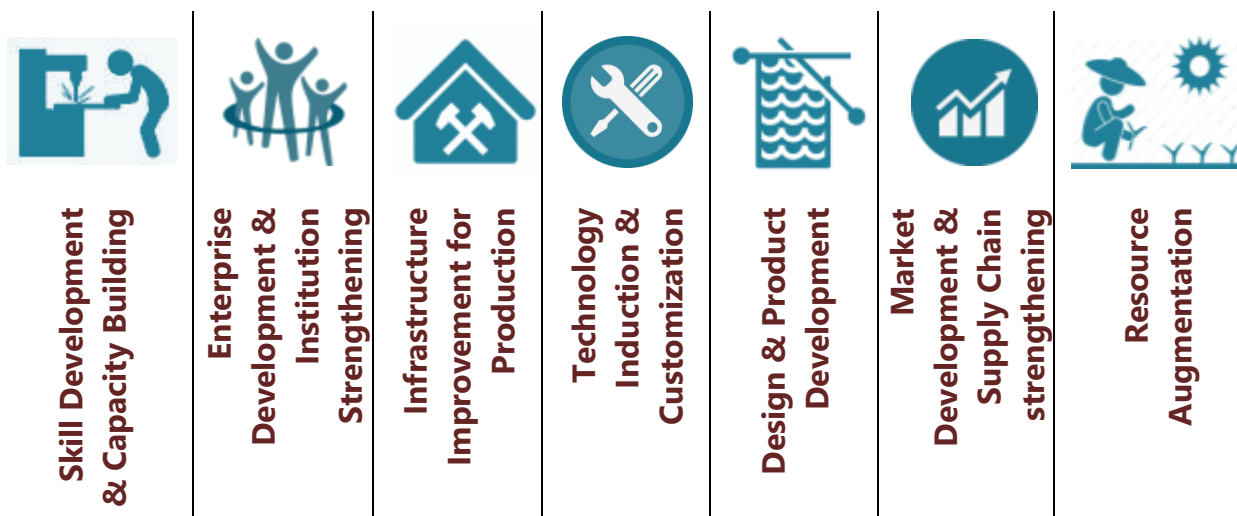
Since its inception, TBM focused mainly on sub-sectors namely Incense Stick, Handicrafts, Furniture, *Dhari* (Mat), Industrial Application and Resource Generation. Over the years, the bamboo sector has undergone significant change with respect to product portfolio, technology, consumer preference etc. impacting both global and local economy. In order to keep pace with global bamboo economy and to sustain the local industries, TBM has also revised its strategy following recommendations from third party evaluation and advice of its Governing Body.

The focus is now more on mechanization & semi-mechanization processing of bamboo to scale up production, obtain quality of product at par global standard, increase per capita productivity etc. which would help in attaining sustainable development of bamboo sector with proper utilization of resources. The revised bamboo sub-sectors being intervened by TBM are as given below.



### 1.3. KEY INTERVENTIONS & STRATEGIES

With an integrated & holistic cluster based approach, TBM's interventions are planned and executed to ensure a sustained impact on economy & ecology.



## 2. KEY MANDATES & PROGRESS ACHIEVED FY17-18

The annual action plan of Tripura Bamboo Mission for the FY 2017-18 was approved by the Governing Body on its fourth meeting held on 2<sup>nd</sup> March, 2017.

### 2.1. SUMMARY OF PROGRESS ACHIEVED VIS-À-VIS TARGET

TARGET for FY 2017-18	ACHIEVEMENT till end of Q2 (July-September, 2017)
<b>A. Industrial Application of Bamboo</b>	
a. Promotion of Bamboo round stick production: 2 medium scale units (50 m/c each) and 20 micro units (2-3 m/c each) to be set up	<p><u>Medium scale unit</u>: 1 established (51 m/c); 1 under process (51 m/c); 1 DPR submitted (50 m/c)</p> <p><u>Micro unit</u>: 1 established (2 m/c); 6 under process (30 m/c)</p> <ul style="list-style-type: none"> <li>- 51 machines have been installed and made operational at Kumarghat I.E., Unakoti district as a plug-n-play mode under Govt. of Tripura supported project</li> <li>- Procurement of another 51 machines under process as second phase of round stick cluster development at Kumarghat. The project is supported by NE Council</li> <li>- 6 small units of 5 m/c each will be set up under NERLP supported project in North, Unakoti, Khowai, West &amp; Sepahijala districts. Land identification for the units is in process</li> <li>- 1 micro unit with 2 round stick machine established at Pecharthal, Unakoti district</li> <li>- Proposal submitted to NEC for establishment of integrated bamboo industrial cluster at Bamboo Park, R.K. Nagar with 50 round sticks machines</li> </ul>
b. Bamboo Pellet making (waste recycling): 1 unit to be set up	<p><u>Waste recycling unit</u>: 1 established; 2 under process; 1 DPR submitted</p> <ul style="list-style-type: none"> <li>- 1 bamboo briquette unit established at Bamboo Park with private investment</li> <li>- Establishment of 1 Dryer unit at Kumarghat under</li> </ul>

<i>TARGET for FY 2017-18</i>	<i>ACHIEVEMENT till end of Q2 (July-September, 2017)</i>
	<p>process which will use bamboo wastage from round stick units as fuel</p> <ul style="list-style-type: none"> <li>- Establishment of 1 bamboo charcoal powder unit under process at Kumarghat I.E.</li> <li>- Proposal submitted to NEC for establishment of integrated bamboo industrial cluster at Bamboo Park, R.K. Nagar with a bamboo pellet/ briquette unit</li> </ul>
c. Agarbatti Masala Unit: 1 unit to be set up	<p><u>Agarbatti Masala Unit: 1 under process</u></p> <ul style="list-style-type: none"> <li>- Procurement of equipment under process; the unit will be set up at Kumarghat I.E.</li> </ul>
<b>B. Bamboo Resource Generation</b>	
a. High Density Bamboo Plantation: 1000 Ha to be covered	<p>Mobilized: 889 Ha; <u>Planted: 469.18 Ha</u></p> <ul style="list-style-type: none"> <li>- TBM mobilized 889 ha of land covering 1020 farmers in 6 districts, 8 Blocks, 27 villages under MGNREGA and proposal submitted to the respective BDOs &amp; DMs. However, scarcity of fund under MGNREGA,</li> <li>- TBM could complete 469.18 ha of HDBP in 20 villages in 7 Blocks in 5 districts under MGNREGA</li> </ul>
b. Planting Material: 10 lakhs to be arranged	<p><u>Planting material arranged: 12.17 Lakhs</u></p> <ul style="list-style-type: none"> <li>- 6.59 Lakhs in stock in nurseries</li> <li>- 5.59 Lakhs utilized/ distributed for plantation</li> </ul>
<b>C. Skill Training</b>	
a. Handicrafts: 5000 to be trained	<p><u>Trained: 40; Ongoing: 40</u></p> <ul style="list-style-type: none"> <li>- MSDE has approved training of 794 candidates under 3 job roles; 40 candidates trained in 2 job roles; training of 40 candidates ongoing</li> <li>- 3 training centers (TCs) established and affiliated by HCSSC</li> </ul>
b. Industrial Application: 300 to be trained	<p><u>Trained: 139</u></p> <ul style="list-style-type: none"> <li>- 139 candidates trained in bamboo round stick under</li> </ul>

<i>TARGET for FY 2017-18</i>	<i>ACHIEVEMENT till end of Q2 (July-September, 2017)</i>
	<p>DSD supported project</p> <ul style="list-style-type: none"> <li>- MSDE has approved training of 200 candidates CB&amp;TA scheme of MDoNER</li> <li>- 1 training centre (TC) established and affiliated by HCSSC</li> </ul>
c. Bamboo Plantation: 2500 to be trained	<p><u>Trained:</u> 240</p> <ul style="list-style-type: none"> <li>- 240 candidates trained under DSD supported project</li> <li>- 600 candidates to be trained under CB&amp;TA scheme of MDoNER as approved by MSDE</li> <li>- 2000 candidates to be trained under NERLP Agro-Forestry</li> </ul>
d. Enterprise Development: 100 to be trained	<p><u>Trained:</u> 0</p> <ul style="list-style-type: none"> <li>- To be taken up under NERLP project where the micro enterprises are to be trained in strengthening their grassroot institutions</li> </ul>
e. Training of Trainers: 100 to be trained	<p><u>Trained:</u> 24</p> <ul style="list-style-type: none"> <li>- 24 candidates trained under Training of Trainer (ToT) programme by HCSSC</li> <li>- List of 10 candidates sent to ASCI for ToT</li> </ul>
<b>D. Handicrafts &amp; Furniture</b>	
a. Consolidation and promotion of the existing Community Production Centers: 16 CFCs/CPCs to be supported	<p><u>Supported:</u> 12 CFCs and 9 village production centers</p> <ul style="list-style-type: none"> <li>- As per revised business plan of the apex company promoted by TBM, SHPPL has mandated to support the CFCs/ CPCs in providing market support through access to premium market, order generation, market feedback &amp; promotion through e-portal</li> <li>- At present 12 cluster level CFCs established under various projects are supported; 9 village level production centers under West Tripura SFURTI cluster are also supported</li> <li>- The CFCs/ CPCs are being supported to improve their</li> </ul>



<i>TARGET for FY 2017-18</i>	<i>ACHIEVEMENT till end of Q2 (July-September, 2017)</i>
	product design, quality, competitiveness and scalability of production
b. Market Promotion: Apex company to achieve Rs. 50 lakh sales	<ul style="list-style-type: none"> <li>- Order received: Rs. 6.80 Lakh</li> <li>- Order executed: Rs. 5.57 Lakh</li> </ul>
<b>E. Fund Mobilization</b>	
a. Plantation: Rs. 11 crore	<p><u>Fund sanctioned:</u> Rs. 4.426 crore</p> <ul style="list-style-type: none"> <li>- Rs. 2.226 crore sanctioned under MGNREGA from 5 districts</li> <li>- Rs. 0.53 crore under the sanctioned MSDE supported project for skill training on bamboo round stick</li> <li>- Rs. 1.67 crore under the sanctioned NERLP supported project for development of bamboo Agro Forestry</li> </ul>
b. Industrial Application: Rs. 4.5 crore	<p><u>Fund sanctioned:</u> Rs. 9.27 crore</p> <ul style="list-style-type: none"> <li>- Rs. 4.99 crore sanctioned by NE Council for revival of Bamboo Sticks Cluster at Kumarghat</li> <li>- Rs. 0.24 crore under the sanctioned MSDE supported project for skill training on bamboo round stick</li> <li>- Rs. 4.04 crore under the sanctioned NERLP supported project for development of bamboo round stick clusters</li> </ul>
c. Handicrafts & Furniture: Rs. 4 crore	<p><u>Fund sanctioned:</u> Rs. 4.95 crore</p> <ul style="list-style-type: none"> <li>- Rs. 2.97 crore sanctioned under SFURTI- West Tripura Bamboo Mat based Cluster</li> <li>- Rs. 0.79 crore under the sanctioned MSDE supported project for skill training on bamboo handicraft including furniture</li> <li>- Rs. 1.10 crore under the sanctioned NERLP supported</li> </ul>



<i>TARGET for FY 2017-18</i>	<i>ACHIEVEMENT till end of Q2 (July-September, 2017)</i>
	<p>project for development of bamboo furniture cluster</p> <ul style="list-style-type: none"> <li>- Rs. 0.09 crore sanctioned by Directorate of Skill Development for establishment of training centers</li> </ul>
d. Skill Training: Rs. 8 crore	<p><u>Fund sanctioned:</u> Rs. 2.775 crore</p> <ul style="list-style-type: none"> <li>- Rs. 1.56 crore sanctioned under MSDE</li> <li>- Rs. 0.93 crore under the sanctioned NERLP supported for skill training in bamboo value addition and agro forestry</li> <li>- Rs. 0.165 crore under NEC supported bamboo round sticks project at Kumarghat</li> <li>- Rs. 0.12 crore under the sanctioned SFURTI- West Tripura Bamboo Mat based Cluster for soft skills</li> </ul>

## 2.2. FINANCIAL STATUS

Sl. No.	Active Projects/ Fund Source	Total Project Cost	Total Project Fund Released to PIA	Fund released to PIA during Q2 FY17-18
1	NE Council: Integrated Development of Bamboo Handicraft Clusters in Tripura	44,125,000	44,125,000	4,295,000
2	NE Council : Integrated Development of Incense Clusters in Tripura	77,990,000	72,434,000	-
3	GoTripura: Development of Bamboo Round Sticks Cluster at Kumarghat	26,700,000	21,350,000	-
4	DSD: Skill Development Training- in high density bamboo plantation	1,068,500	1,068,500	-
5	DSD: Skill Development Training- Automatic Stick Making Machine operator	2,550,810	2,550,810	-
6	DSD: Establishment of Skill Development Centres	905,350	905,350	-
7	SFURTI: Bamboo Mat based utility Product Cluster	29,722,000	1,200,000	-
8	MGNREGA: High Density Bamboo Plantation supported	23,260,932	23,260,932	22,260,932
9	MSDE: Skilling of unemployed youth under CB&TA scheme of MDoNER supported by MSDE	15,600,000	-	-

Sl. No.	Active Projects/ Fund Source	Total Project Cost	Total Project Fund Released to PIA	Fund released to PIA during Q2 FY17-18
10	NE Council: Revival of Bamboo Sticks Cluster at Kumarghat supported by NE Council	49,929,000	1,000,000	1,000,000
11	NERLP: Development of Bamboo based Clusters in Tripura	80,144,000	-	-
	<b>Total Rs.</b>	<b>351,995,592</b>	<b>167,894,592</b>	<b>27,555,932</b>

### 3. KEY PROJECTS UNDERTAKEN

#### 3.1. DEVELOPMENT OF ROUND BAMBOO STICK CLUSTER AT KUMARGHAT

**Project Cost:**  
Rs. 267 lakh

**Sanctioned in:**  
August, 2016

**Duration:**  
1½ years

**Supported by:**  
Govt. of Tripura

Government of Tripura has sanctioned the proposal for development of Bamboo Round Stick industrial cluster at Kumarghat, Unakoti district. The project entails establishment of common facility center equipped with required machines with installed capacity of around 800 MT sticks per annum. It is expected that there will be livelihood generation of about 650 persons (150 direct, 500 indirect), mostly women, in the units to be set up under the project.

- The project is being implemented at Kumarghat Industrial Estate in collaboration with Tripura Industrial Development Corporation Ltd., who have arranged the required worksheds for housing the round stick units. This is a plug-n-play facility and is one of its kind in the region operated through private-public-partnership mode
- Total 153 machines (including 51 round stick machines) have been received from suppliers and installed at the project location. These machines have been installed at 6 (six) sheds in the industrial estate
- The units are operated and maintained by Unakoti Agarbatti Sticks Cooperative Society Ltd
- Trial run of the machines has been done presence of technical team of the machine suppliers. Unakoti Agarbatti Stick Cooperative Society have started commercial production from the month of July, 2017
- 156 persons have been engaged by the society who are getting employment different activities in the round sticks units

##### MACHINE DETAILS: Unit wise

Unit No.	1	2	3	4	5	6	Total
Bamboo Cross Cutting Machine	2	2	2	2	2	2	12
Bamboo Heavy Duty Sliver Making Machine	6	6	6	6	6	6	36
Bamboo Manual Splitter Machine	1	1		2		1	5

**MACHINE DETAILS: Unit wise**

Unit No.	1	2	3	4	5	6	Total
Bamboo Round Stick Machine	8	8	8	9	8	10	51
Bamboo Stick Polishing Machine	2	2	2	2	2	2	12
Bamboo Stick Sizing Machine	2	2	2	2	2	2	12
Tool & Cutter Grinder Machine	2	2	2	2	2	2	12
Weighing Machine	2	2	1	2	2	3	12
Welding Machine	1						1
<b>Grand Total</b>	<b>26</b>	<b>25</b>	<b>23</b>	<b>27</b>	<b>24</b>	<b>28</b>	<b>153</b>

- It has been observed that, the yield from round sticks production is only 10-12%. To reduce the cost of production, it has been planned to utilize the various process wastage such as bamboo node, fibers, coarse pieces etc. to make value added products or improve process efficiency. Also, due to long span of seasonal rain, the units are facing trouble in drying of sticks manually. For these, following steps have been taken by Tripura Bamboo Mission:
  - A dryer unit will be set up in the cluster to enable round the year drying of sticks and in-process materials which will utilize bamboo wastage as major fuel
  - Suitability of bamboo dust from bamboo fibers will be assessed and based on the result a pulverizing unit may be installed at the cluster
  - Bamboo charcoal unit may be established to utilize the wastage bamboo nodes



### 3.2. INTEGRATED DEVELOPMENT OF INCENSE CLUSTERS IN TRIPURA

**Project Cost:**  
**Rs. 779.90 lakh**

**Sanctioned in:**  
**November, 2013**

**Duration:**  
**4 years**

**Supported by:**  
**NE Council**

The project aims to develop integrated incense clusters at 30 locations in the state of Tripura. It entails establishment of incense stick production centres, introduction of community friendly technology, skill development of artisans, capacity building of the producers to run their own grass root organization and establishing linkage with mainstream markets.

The Key activities/interventions under this project are- Mobilizing & identifying beneficiaries, organizing beneficiaries into group & institutionalizing them as incense stick producer groups, Technological intervention including skill development and capacity development, Marketing interventions- exploring different marketing channels and penetrating into mainstream & upscale markets.

Sl. No.	Component	Physical Target	Target Achieved	Balance Physical
<b>1</b>	<b>Mobilization, Baseline and Institution building</b>	<b>2560</b>	<b>2226</b>	<b>334</b>
1.1	Mobilization& Baseline -(No. of participants)	1760	1533	<b>227</b>
1.2	Institution building (Exposure, Accounts Management, Workshop- Entr. Dev.) -(No. of participants)	2000	895	<b>1105</b>
<b>2</b>	<b>Capacity Building</b>	<b>2625</b>	<b>1599</b>	<b>1026</b>
2.1	Capacity building on semi mechanized incense stick production -(No. of participants)	1500	995	<b>505</b>
2.2	Capacity building on Mechanized Incense Rolling -(No. of participants)	900	887	<b>13</b>
2.3	Capacity building on Jigget extraction, charcoal making & masala mixing -(No. of participants)	100	0	<b>100</b>

Sl. No.	Component	Physical Target	Target Achieved	Balance Physical
2.4	Capacity Building on Agarbatti perfuming and packaging -(No. of participants)	40	30	10
2.5	Capacity Building on Agarbatti Raw Material Banking and Branding (ToT & ToE) -(No. of participants)	85	85	0
<b>3</b>	<b>Marketing Interventions</b>	<b>100</b>	<b>60</b>	<b>40</b>
3.2	Organizing Seminar and Symposium cum Buyer Seller Meet -(No. of participants)	100	60	40
<b>4</b>	<b>Technological Intervention</b>	<b>3231</b>	<b>658</b>	<b>2573</b>
4.1	Slicing cum Stick Making tools to be installed -(No. of machines)	300	187	113
4.2	Cross Cutting machine to be installed -(No. of machines)	15	4	11
4.3	Stick Making tools to be installed -(No. of machines)	900	269	631
4.4	Weighing machine to be installed -(No. of machines)	15	15	0
4.5	Polishing machine to be installed -(No. of machines)	15	2	13
4.6	Pulverizing machine to be installed -(No. of machines)	3	3	0
4.7	Masala Mixing machine to be installed -(No. of machines)	3	3	0
4.8	Pedal Type agarbatti rolling machine to be installed -(No. of machines)	900	900	0
4.9	Masala Mixing machine to be installed -(No. of machines)	15	15	0
4.10	Weighing machine to be installed -(No. of machines)	15	15	0
4.11	Chairs for rolling	900	771	129
4.12	Rack for drying to be installed - (Quantity)	150	36	114





### 3.3. REVIVAL OF BAMBOO STICKS CLUSTER AT KUMARGHAT

**Project Cost:**  
Rs. 499.29 lakh

**Sanctioned in:**  
June, 2017

**Duration:**  
2 years

**Supported by:**  
NE Council

This is a new project for revival of bamboo sticks cluster at Kumarghat by introducing mechanization, building required infrastructure with equipments, capacity building of cluster stakeholders and providing necessary market exposure to entrepreneurs.

The project has recently been approved by NE Council. The project will further strengthen the capacity of the cluster and will help Kumarghat to become the largest industrial cluster for bamboo round stick in India.

- Recently, construction of the building sheds has been started at the project site by TIDC Ltd. It is expected that, the construction will be completed in next 4-5 months and accordingly machines will be installed at the site.

### 3.4. INTEGRATED DEVELOPMENT OF BAMBOO HANDICRAFT CLUSTERS IN TRIPURA

**Project Cost:**  
Rs. 441.25 lakh

**Sanctioned in:**  
March, 2012

**Duration:**  
3 years

**Supported by:**  
NE Council

The project aims to develop integrated bamboo handicraft clusters at 6 locations in the state of Tripura. It entails establishment of bamboo craft production centres, development of new designs, skill development of artisans, capacity building of the producers to run their own grassroot organization and establishing linkage with mainstream markets. The major craft category includes basketry, mat, mat based utility, carving, pasting, furnishing crafts.

6 (six) Bamboo Handicraft Common facility Centers (CFCs) have been set up under the project at the 6 (six) project locations.

Sl.	Cluster	District	Location of CFC
1	Dharmanagar	North Tripura	North Ganganagar
2	Salema	Dhalai	Bamancherra
3	Teliamura- Mungiakami	Khowai	Tuisindrai
4	Gandhigram- Narsingarh	West Tripura	Bhagalpur, Narsingarh
5	Durlavnarayan- Nalchar	Sepahijala	Khas Chowmuhani
6	Matabari- Udaipur	Gomati	Fulkumari

#### Functions of the CFCs:

- ▶ Facilitating necessary production infrastructure of bamboo based handicraft goods in the cluster
- ▶ Value addition of existing cluster products
- ▶ Training cum learning center for the cluster artisans
- ▶ Raw Material Bank for cluster producers
- ▶ Warehousing and marketing center for the cluster products

#### Key products produced at the clusters:-

- ▶ Gandhigram Narsingarh Cluster – Mat based Utility Bags, Table mat set, Utility box, Pen stand, pouch, file cover, pencil pouch, Jewellery box, Ladies purse etc.
- ▶ Matabari Udaipur Cluster - Coiling bowl, Coiling plate, Tray, panel etc.
- ▶ Durlavnarayan Nalchar Cluster- Squire basket, Round basket, Ultamuri basket, Tripura basket, Bamboo bag, Box, Chatai, Pouch etc.
- ▶ Teliamura Mungiakami Cluster- Flower vase, Murti, Pen stand, Chatai etc.
- ▶ Salema Cluster- Tripura Basket, Round basket, hanging light etc.
- ▶ Dharmanagar Cluster- Bamboo & cane made furniture, Sofa set, Stools, Container, and Tray etc.



### 3.5. BAMBOO MAT BASED UTILITY PRODUCT CLUSTER WEST TRIPURA

<b>Project Cost:</b> Rs. 297.22 lakh	<b>Launched in:</b> April, 2017	<b>Duration:</b> 3 years	<b>Supported by:</b> SFURTI, Ministry of MSME
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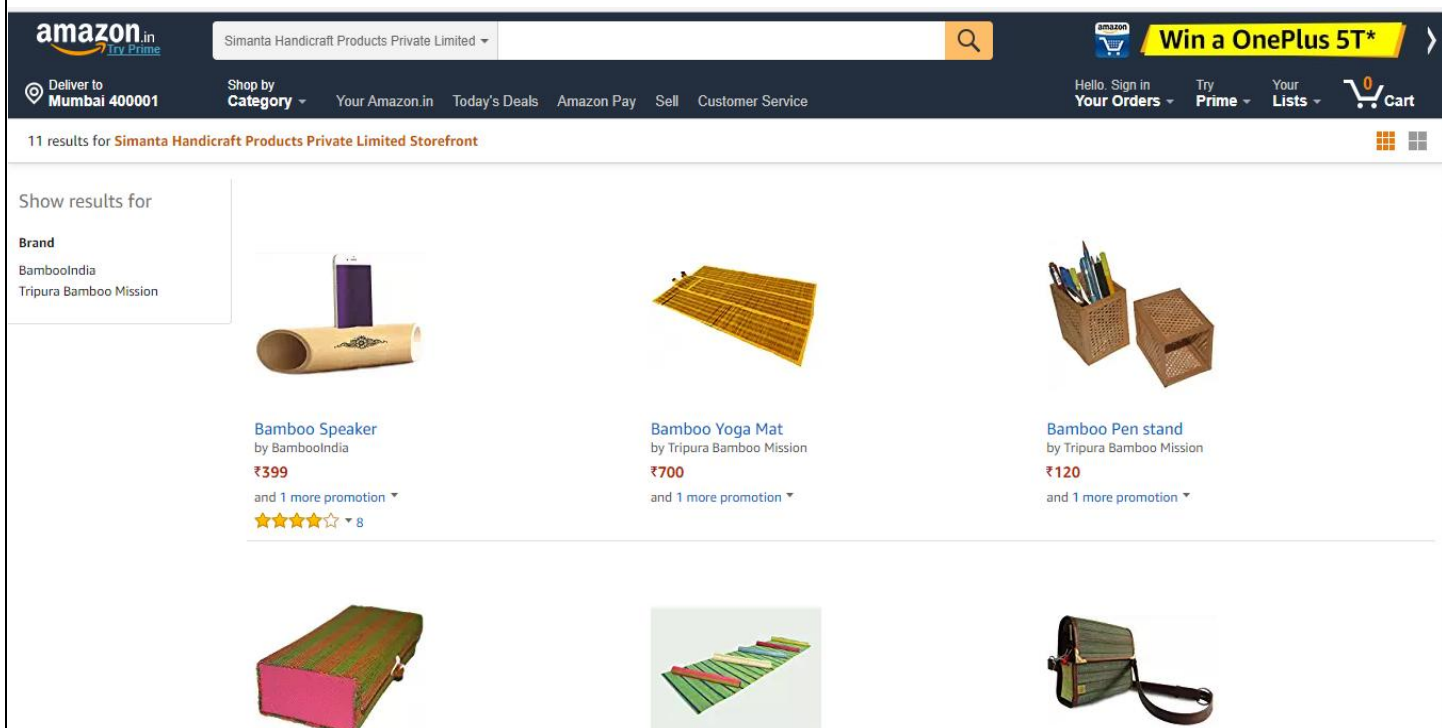
The project aims at the integrated development of the bamboo mat based handicrafts cluster covering approximately 500 beneficiaries in West Tripura district through establishment of 9 (nine) village level organized production centres and 1 (one) cluster level facilitation centre at A.D. Nagar, on a hub and spoke model. The interventions also include introducing new designs based on a demand driven approach, skill development & capacity building of the artisans to run their own grassroots enterprises and establishing market linkages with mainstream markets. The project is funded under SFURTI scheme of Ministry of MSME, Govt. of India. Indian Institute of Entrepreneurship, Guwahati is the Nodal Agency and IL&FS Clusters is the Technical Agency for the project.

#### Progress till Date:

- A special purpose vehicle “Ranirgaon Bamboo Craft Welfare Society” has been formed by the lead artisans of the clusters
- Design & Product Development workshop was conducted from 7<sup>th</sup> to 21<sup>st</sup> September 2017(15 days) at TBM resource Centre, A.D Nagar, Agartala.
  - No. of designs developed- 20 no's
  - Products developed - Photo Frames (3 no's), Handle Bags (3 no's), Cylinder Gift/Utility containers (3 no's), Magazine Holders (3 no's), Visiting Card Holders (3 no's), Floor/Table Lamps (2 no's), Small Table Trays (2 no's), Rectangle divided Utility/Gift boxes (2 no's), Small Rectangle Utility/Gift boxes (2 no's), Corner Bin (1 no's), Rectangle Utility Box (2 no's), Zari Rectangle Utility Box (1 no's), Pen Stand (1 no's)
- Progress achieved under Hard Intervention
  - Land for the spokes have been allotted to the SPV with condition that the SPV will be pay monthly rent of Rs. 7000 at each location
  - SPV has contributed of Rs. 2.5 lakh to their SPV account as a part of projected SPV contribution according to DPR
  - Draft tender document for civil work under the project has been prepared & forwarded to Technical Agency for technical verification



- The cluster products have been given a new marketing platform through online shopping site Amazon.in. This is being managed through the marketing company promoted by TBM namely Simanta Handicraft products Private Limited (SHPPL). The products can be viewed online on Amazon.in portal



### 3.6. TECHNICAL SERVICES FOR DEVELOPMENT OF BAMBOO CLUSTERS IN TRIPURA

<b>Project Cost:</b> <b>Rs. 801.44 lakh</b>	<b>Sanctioned in:</b> <b>May, 2017</b>	<b>Duration:</b> <b>2 years</b>	<b>Supported by:</b> <b>NE Rural Livelihood Project</b>
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The project entails development of bamboo based (value addition and resource generation) clusters at selected North East Rural Livelihood Project (NERLP) intervened areas of the state. Role of TBM is to provide technical support to NERLP in implementing the project. Approximately, 2920 households are expected get benefitted directly through this project to be implemented in the districts of West Tripura, Sepahijala, Khowai, Unakoti & North Tripura. The project mandates are,

- Bamboo Value Addition
  - Establishment of Bamboo Round Stick units at 6 locations
  - Establishment of Bamboo Furniture unit at 1 location
- Bamboo Agro-Forestry
  - Establishment of Bamboo Nursery at 6 locations
  - High Density Bamboo Plantation (HDBP) with intercrop covering 1200 ha

The project includes required hard interventions for setting up of CFC, equipment, nurseries etc. and soft intervention for capacity building of beneficiaries & enterprises. It also entails bringing in necessary convergence for holistic development of the proposed clusters.

#### **Progress till date:**

- Bamboo Agro Forestry
  - Completed 214 Ha of high density bamboo plantation (HDBP) covering 161 beneficiaries in 10 villages under 4 blocks in Unakoti and Sepahijala districts
  - 73.90 Ha of HDBP with intercrop plantation has been completed with major intercrop being paddy, banana, cucumber, maize, broom grass, cassava, pumpkin
  - 21 bamboo farmers groups (BFGs) have been formed covering 231 farmers in the NERLP project areas
  - 5 locations have identified for Bamboo Nursery; the sites have been cleaned and preparation of nursery beds has started
  - Exposure visit cum Orientation for the 6 Bamboo Nursery SHGs was conducted at TBM Central Nursery on 28<sup>th</sup> August, 2017



- Bamboo Round Sticks
  - 6(Six) locations have been identified in 5 Districts by the respective NERLP DPMUs
  - Joint visit by Engineering Teams from NERLP DPMU and TBM was undertaken at the identified lands
- Bamboo Furniture
  - c (one) locations has been identified in West Tripura district by the respective NERLP DPMU
  - Joint visit by Engineering Teams from NERLP DPMU and TBM was undertaken at the identified lands
- A meeting was held between Tripura Bamboo Mission (TBM) team and NERLP District & Block teams on 7<sup>th</sup> September, 2017 with the main agenda to resolve the issues and prepare an action plan of immediate tasks to expedite the implementation under the project.





### 3.7. SKILL TRAINING ON AUTOMATIC STICK MAKING M/C OPERATOR

<b>Project Cost:</b> Rs. 25.51 Lakh	<b>Sanctioned</b> January, '17	<b>in:</b>	<b>Duration:</b> ½ years	<b>Supported by:</b> Directorate of Skill Development, GoT
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200 candidates are to be trained in the job role Automatic Stick making M/c Operator (QP code HCS/Q7803) following the Qualification Pack approved by National Skill Development Corporation. 139 candidates have been successfully trained in Kumarghat, Unakoti district and were assessed by third party as recommended by Handicrafts & Carpet Sector Skill Council. Successful candidates were offered employment opportunities at the round bamboo stick units operated by Unakoti Agarbatti Sticks Cooperative Society Ltd.



### 3.8. ESTABLISHMENT OF TRAINING CENTERS AS PER MSDE GUIDELINE

**Project Cost:**  
**Rs. 9.05 Lakh**

**Sanctioned**  
**May, 2017**

**in:**

**Duration:**  
**½ years**

**Supported by: Directorate of**  
**Skill Development, GoT**

TBM, being the key agency in the state to deliver skill training on bamboo based activities, has proposed to set up training centers as per the guidelines of MSDE so that skill trainings can be conducted under various schemes under Skill India Mission. Directorate of Skill Development, Govt. of Tripura has supported financially in setting up three training centers at Narsingarh CFC (West Tripura), Dudhpatil CFC (West Tripura) and Matabari CFC (Gomati) where the necessary equipment and arrangements are to be made to match the infrastructural requirement as per guidelines under MSDE.

Establishment of training centers at the above mentioned three locations is already completed & they are already affiliated by Handicrafts & Carpet Sector Skill Council (HCSSC). Trainings are also started in the training centers under CB&TA scheme, Ministry of DoNER.

Sl	Training Centers	job role	Affiliated by
1	Matabari CFC, Gomati district	Bamboo Utility Handicraft Assembler (HCS/Q8705)	Handicrafts & Carpet Sector Skill Council
2	Narsingarh CFC, West tripura district	Bamboo Mat Weaver (HCS/Q8702)	Handicrafts & Carpet Sector Skill Council
3	Dudhpatil CFC, West tripura district	Bamboo Mat Weaver (HCS/Q8702)	Handicrafts & Carpet Sector Skill Council
		Bamboo Utility Handicraft Assembler (HCS/Q8705)	





### 3.9. SKILLING OF UNEMPLOYED YOUTH OF NORTH EAST

**Project Cost:**  
Rs. 156.00 Lakh

**Sanctioned in:**  
February, '17

**Duration:**  
½ years

**Supported by:** CB&TA, MDoNER,  
through MSDE

Ministry of Skill Development & Entrepreneurship (MSDE) has approved skill training for unemployed youth under Capacity Building & Technical Assistance (CB&TA) scheme of Ministry of Development of North East Region (DoNER). The project aims to train 1550 candidates under the NSQF aligned job roles namely Bamboo Utility Handicraft Assembler (300 candidates), Bamboo Mat Weaver (300 candidates), Bamboo Furniture (150 candidates), Automatic Stick making m/c operator (200 candidates), and Bamboo Grower (600 candidates).

- 4 no's training centers for the job roles a. Bamboo Mat Weaver (HCS/Q8702), b. Bamboo Utility Handicraft Assembler (HCS/Q8705), c. Automatic stick making machine Operator (HCS/Q7803) is already Affiliated by Handicraft & Carpet Sector skill council (HCSSC).
- Total 80 candidates mobilized and training started under 2 Job role a. Bamboo Mat Weaver (HCS/Q8702), b. Bamboo Utility Handicraft Assembler (HCS/Q8705) at 3 training centers. The training centers and training details are as follows.

#### Training on Bamboo Mat Weaver (HCS/Q8702)



#### Training on Bamboo Utility Handicraft Assembler (HCS/Q8705)



### 3.10. SKILL TRAINING ON HIGH DENSITY BAMBOO PLANTATION

<b>Project Cost:</b> Rs. 10.68 Lakh	<b>Sanctioned</b> March, '17	<b>in:</b>	<b>Duration:</b> ½ years	<b>Supported by:</b> Directorate of Skill Development, GoT
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585 candidates are to be trained in high density bamboo plantation at selected clusters under intervention by TBM. Till the end of this quarter, 585 candidates have been trained. The candidates were assessed by a third party - Centre for Forest Livelihood & Extension (CFLE).



### 3.11. CREATION OF HIGH DENSITY BAMBOO PLANTATION- MGNREGA

<b>Project Cost:</b> Rs. 232.61 Lakh	<b>Sanctioned in:</b> June, 2017	<b>Duration:</b> 1 years	<b>Supported by:</b> MGNREGA
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TBM mobilized 889 ha of land covering 1020 farmers in 6 districts, 8 Blocks, 27 villages under MGNREGA and proposal submitted to the respective BDOs & DMs. However, scarcity of fund under MGNREGA, TBM could complete 469.18 ha of HDBP in 20 villages in 7 Blocks in 5 districts under MGNREGA.



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Districts	Number of Blocks	Number of VC	Number of Groups	Sanctioned (Rs. In lakh)	Mobilized Area (ha)	Beneficiary (no's)	Planting Material Supplied	Area Completed
West Tripura	1	6	32	50	242.2	325	200000	200.1
Sepahijala	2	7	14	83.28	150	161	234000	144.1
South Tripura	1	2	6	12.7	45.82	60	20000	20
Dhalai	1	2	9	46.4	94	94	47000	35
Unakoti	2	8	28	45.88	325.3	70	70000	70
<b>Total</b>	<b>7</b>	<b>25</b>	<b>89</b>	<b>238.26</b>	<b>857.32</b>	<b>710</b>	<b>571000</b>	<b>469.2</b>



## 4. OTHER KEY INTERVENTIONS FOR STRENGTHENING BAMBOO SECTOR

In addition to the various projects undertaken with financial support from various sources, TBM is continuously striving to strengthen bamboo sector in the state through various interventions which are not directly covered specifically under a project but are imperative for growth of the clusters.

### 4.1. DESIGN & PRODUCT DEVELOPMENT

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 Craft Skill Resource Centre at A. D. Nagar 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.

During the quarter, a design & product development workshop was conducted under SFURTI project at Agartala. A glimpse of new products developed by TBM Craft Skill Resource Centre, A. D. Nagar, which have been produced during the quarter in the clusters, is given below:-




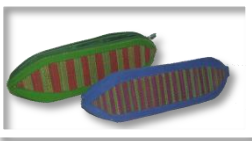
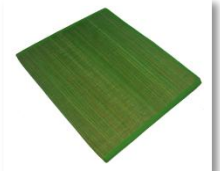
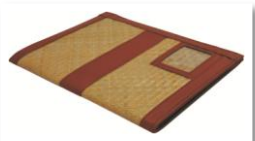


## 4.2. MARKET DEVELOPMENT & STRENGTHENING ACCESS TO MAINSTREAM MARKET



To facilitate the marketing of the bamboo handicraft and other products manufactured by the rural artisans of Tripura, a company namely Simanta Handicraft Products Private Limited (SHPPL) was constituted by lead artisans in the year 2015.

SHPPL is focusing on bamboo based handicraft and handloom products to meet the need of the different customer segment. The priority product category is mat based value added products like table mat, gift box, purse, clutch, file cover & folders, ladies hand bags etc. The other products are home décor bamboo products like lamps, lamp sheds etc.

### Key products marketed during the quarter

<i>Sl. No.</i>	<i>Product Image</i>	<i>Product Category</i>	<i>Product Name</i>
1		Mat	Table Mat Set
2		Coiling	Bowl
3		Coiling	Dish
4		Mat	Specs Pouch
5		Mat	File folder
6		Mat	Sheetal Pati File Folder



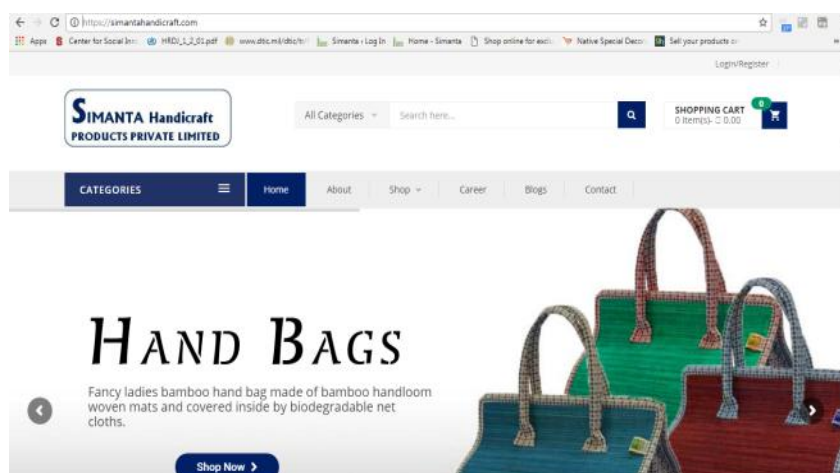
Sl. No.	Product Image	Product Category	Product Name
7		Mat	Gift Box
8		Basketry	Basket (All types of baskets)

### Major Buyers during the quarter

Sl. No.	Buyer
1	Sita Reddy
2	TIDCL
3	Giftabled.com, Bangalore
4	Purbasha, Agartala
5	Tripura Info.com
6	Tripura University

### Major E-commerce sites through which marketing has been done

- [www.simantahandicraft.com](http://www.simantahandicraft.com)
- [www.nativebag.com](http://www.nativebag.com)
- [www.nehhdc.com](http://www.nehhdc.com)
- [www.greenhandle.com](http://www.greenhandle.com)
- [www.ecobuzz.com](http://www.ecobuzz.com)
- [www.kraftly.com](http://www.kraftly.com)
- [www.indiamart.com](http://www.indiamart.com)
- [www.amazon.in](http://www.amazon.in)



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Simanta Handicraft Products Private Limited is committed to providing each customer with the highest standard of customer service.

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Ask a question

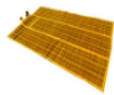
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Pencil/pen pouch  
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₹ 400 ₹ 450 (11% Off)  
45  
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Bamboo Specs Pouch  
₹ 200 ₹ 220 (9% Off)  
5  
By Simanta Handicraft Products Pvt Ltd

Coiling Dish  
₹ 290 ₹ 300 (3% Off)  
5  
By Simanta Handicraft Products Pvt Ltd

Utumust Basket

### 4.3. BAMBOO PLANTING MATERIAL CREATION THROUGH NURSERY DEVELOPMENT

Availability of quality planting material of commercially important bamboo species is being intervened by Tripura Bamboo Mission by creating central nurseries to grow and nurture the planting materials and supplying these to high density bamboo plantation sites across the state.

Sl No	Nursery Location	Species	No. of Planting Material		
			Created	Utilized/ Distributed	In Stock
1	Hezamara	Mritinga	356161	200000	156161
2	Mohanbhog	Mritinga	37000	13710	23290
3	Mohanbhog	Barak	77000	69765	7235
4	Jampuijala	Kanakkaich	116730	116730	0
5	Jampuijala	Betu	19400	19400	0
6	Jampuijala	Rupai	10000	10000	0
7	Jampuijala	Mritinga	72000	0	72000
8	Salema	Mritinga	34000	34000	0
9	Kumarghat	Mritinga	47000	47000	0
10	Pecharthal	Mritinga	23000	23000	0
11	Satchand	Rupai	25000	25000	0
12	Bamboo Park	Barak	100000	0	100000
13	Bamboo Park	Mritinga	300000	0	300000
Total			<b>1217291</b>	<b>558605</b>	<b>658686</b>



## 5. ACTION PLAN FOR NEXT QUARTER

TARGET for FY	Tentative action plan for the July-September, 2017
<b>A. Industrial Application of Bamboo</b>	
a. Promotion of Bamboo round stick production: 2 medium scale units (50 m/c each) and 20 micro units (2-3 m/c each) to be set up	<ul style="list-style-type: none"> <li>- Inauguration of bamboo round stick units at Kumarghat developed under support of Govt. of Tripura</li> <li>- Launch of NEC supported project for revival of bamboo round stick cluster at Kumarghat</li> <li>- Finalization of layout, design etc. and draft tender document for round stick units at 6 locations</li> </ul>
b. Bamboo Pellet making (waste recycling): 1 unit to be set up	<ul style="list-style-type: none"> <li>- Submission of DPR</li> </ul>
c. Agarbatti Masala Unit: 1 unit to be set up	<ul style="list-style-type: none"> <li>- Procurement of machineries</li> <li>- Construction/ Arrangement of workshed</li> </ul>
<b>B. Bamboo Resource Generation</b>	
a. High Density Bamboo Plantation: 1000 Ha to be covered	<ul style="list-style-type: none"> <li>- Existing plantations to be managed and new plantations to be taken up at NERLP locations for next planting season</li> </ul>
b. Planting Material: 10 lakh to be arranged	<ul style="list-style-type: none"> <li>- Intercrop demonstration plot to be developed at TBM central Nursery</li> <li>- Propagation of plantlets in nurseries</li> <li>- Raising of 3.5 lakh plantlets in NERLP Nurseries</li> </ul>
<b>C. Skill Training</b>	
a. Handicrafts: 5000 to be trained	<ul style="list-style-type: none"> <li>- New batches to be undertaken under MDoNER CB&amp;TA</li> <li>- Finalization of skill training in Furniture</li> </ul>
b. Industrial Application: 300 to be trained	<ul style="list-style-type: none"> <li>- 60 candidates to be trained in bamboo round stick under DSD supported project</li> <li>- Training of first batch of candidates under MDoNER CB&amp;TA to be commenced</li> </ul>

<i>TARGET for FY</i>	<i>Tentative action plan for the July-September, 2017</i>
c. Bamboo Plantation: 2500 to be trained	- Training on bamboo nursery to be started under NERLP project
d. Enterprise Development: 100 to be trained	- Orientation cum exposure for NERLP SHG federations to be undertaken for strengthening the grassroot enterprises
e. Training of Trainers: 100 to be trained	- TBM Trainers to be trained & certified under ASCI

#### **D. Handicrafts & Furniture**

c. Consolidation and promotion of the existing Community Production Centers: 16 CFCs/CPCs to be supported	- SHPPL to continue its support to the CFCs/ CPCs - Necessary support in terms of skill training, market exposure, technology improvement, production streamline will be provided
d. Market Promotion: Apex company to achieve Rs. 50 lakh sales	- Marketing to be expedited by the apex company