

TRIPURA BAMBOO MISSION

QUARTERLY PROGRESS REPORT

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Shilpodyog Bhawan, Khejur Bagan, Agartala



Submitted by:



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1. ABOUT TRIPURA BAMBOO MISSION

1.1. Introduction

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 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 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 by 2009-10 and Rs. 115.56 crore by 2012-13. Basing on the pace of reforms and taking advantage of the extension of the project, the TBM has revised its target of turnover achievement to Rs. 200 crores at the end of FY 2016-17. 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.

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.

1.2. 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.



1.3. Objective

- > To sustain the growth achieved in the bamboo sector and increase the current turnover from Rs. 95 crores to 200 crores over 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.

1.4. 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



1.5. Growth of bamboo sector

The growth trend of bamboo sector in the state is satisfactory, as observed during the last 7 years. The turnover of commercial bamboo sector was estimated at Rs. 212.32 crore for the financial year 2013-14. 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.

Estimated Year wise Turnover of Bamboo Sector in Tripura (in Rs. Crores)									
Year 2006- 2007- 2008- 2009- 2010- 2011- 2012- 2013- 2014-								2014-	
	07	08	09	10	11	12	13	14	15
Turnover	28.00	35.50	56.56	76.00	93.05	107.22	115.56	121.32	101.42



2. PROGRESS ACHIEVED IN INCENSE SECTOR:

2.1. Progress achieved under different project head

Project Name: Integrated Development of Incense Clusters in Tripura supported by North East Council (NEC), Govt. of India

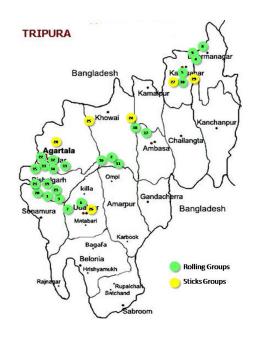
About the Project:

The project "Integrated Development of Incense Clusters in Tripura" has been approved

by the North Eastern Council, Government of India. The total project cost is Rs. 779.90 lakh (NEC: 90%, GoT: 10%). Implementation of the project started in the 3rd quarter of FY 2013-14.

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 interventionsexploring different marketing channels and penetrating into mainstream & upscale markets.

Project Locations

District	Location/ Cluster	Proposed Activity
Dhalai	Ambassa, Manu, Salema, Kamalpur	Stick, Rolled Batti
North	Dharmanagar, Damcherra, Kadamtala,	Stick, Rolled Batti
	Kanchanpur	
Unakoti	Kumarghat, Pecharthal, Kailashahar	Stick,
		Masala, Rolled Batti
Khowai	Kalyanpur, Teliamura, Khowai	Stick, Rolled Batti
South	Jolaibari, Satchand, Santirbazar	Stick, Masala, Rolled Batti
Gumati	Amarpur, Ompi, Matabari, Kakrabon	Stick, Rolled Batti
Sepahijala	Melaghar, Kathalia, Bishalgarh,	Stick, Masala, Rolled Batti
	Baxonagar	
West	Agartala, Hejamara, Mandwi,	Stick, Rolled Batti
	Mohanpur, Jirania	



Physical Progress

Sl. No.	Component	Physical Target	Target Achieved	Balance
7	Project: Integrated Development of In	ncense Clus	ters in Tripu	ra
7.1	Mobilization, Baseline and Institution building			
7.1.1	Mobilization & Baseline -(No. of participants)	1760	1442	318
7.1.2	Institution building (Exposure, Accounts Management, Workshop-Entr. Dev.) -(No. of participants)	800	693	107
7.2	Capacity Building	2745	1132	1613
7.2.1	Capacity building on semi mechanized incense stick production -(No. of participants)	1500	423	1077
7.2.2	Capacity building on Mechanized Incense Rolling -(No. of participants)	900	542	358
7.2.3	Capacity building on Jigget extraction, charcoal making & masala mixing -(No. of participants)	100	0	100
7.2.4	Capacity Building on Agarbatti perfuming and packaging -(No. of participants)	40	0	40
7.2.5	Capacity Building on Agarbatti Raw Material Banking and Branding (ToT & ToE) -(No. of participants)	205	167	38
7.3	Marketing Interventions	100	o	40
7.3.2	Organizing Seminar and Symposium cum Buyer Seller Meet -(No. of participants)	100	60 (4 programmes incl. one at Chennai)	40
7.5	Technological Intervention	2137	658	1479
	Slicing cum Stick Making tools to be installed -(No. of machines)	300	219	81
	Cross Cutting machine to be installed - (No. of machines)	15	4	11
	Stick Making tools to be installed -(No. of machines)	900	25	875
	Weighing machine to be installed -(No. of machines)	15	О	15
	Polishing machine to be installed -(No. of machines)	1	0	1
7.5.2	Pulverizing machine to be installed -(No. of machines)	3	0	3



Sl. No.	Component	Physical Target	Target Achieved	Balance
	Masala Mixing machine to be installed - (No. of machines)	3	О	3
7.5.3	Pedal Type agarbatti rolling machine to be installed -(No. of machines)	900	562	338
	Masala Mixing machine to be installed - (No. of machines)	15	22	
	Weighing machine to be installed -(No. of machines)	15	20	o
	Rack for drying to be installed -(Quantity)	150	0	150

List of Groups with details

AGARBATTI ROLLING

Sl. No	Name of the Group	Address	Contact Person	Contact No.	Total Membe rs	Total Machine
1	Palpara Agarbatti Producer Group	Officetilla, Bishalgarh, Sepahijala Tripura, Pin- 799102	Gayetri Paul	8132017584	15	15
2	Khabaksha Agarbattti SHG	Rupacherra, Teliamura Khowai Tripura, Pin- 799205	Manju Debbarma	8731983400	20	10
3	Shanti SHG	Sadaramati, Golaghati, Sepahijala Tripura, Pin- 799102	Bimala Devi Singha	0381- 2856233	20	20
4	Mangal Deep Amin Producer Group	Dhupirban, Jubarajnagar, Dharmanagar, Pin-799253	Md. Sahiful Amin	7308938033	20	20
5	Ranga SHG	Sonaimuri, Kumarghat, Unakoti Tripura	Sukla Malakar	8575537340	20	20
6	Biswas Domestic Product	Dhajanagar, Udaipur, Gomati Tripura	Suman Biswas	9856423939	20	20
7	Kamalabaga n Agarbatti Producer Group	Kamalabagan, Mohanbhog, Melaghar, Sepahijala Tripura, Pin- 799105	Palash Debnath	9615756617	10	10



Sl. No	Name of the Group	Address	Contact Person	Contact No.	Total Membe rs	Total Machine
8	North Ganganagaa r Craft Producer Group	North Ganganagar, Dharmanagar, North Tripura	Sita Nandi	8794951904	20	20
9	Self Trust DMR SHG	Algapur, Baruakandi, Kalacherra, North Tripura	Biswajit Bhattacharj ee 9862646027 20 Renubala		20	
10	Anabik SHG	Emrapassa, Kumarghat	Renubala Rudra Paul	8732039023	20	20
11	Karunamoy ee SHG	Ballavpur, I.C.Nagar, West Tripura, Pin- 799003	Rina Roy(biswas)	9612603839 9863064905	20	17
12	Omkar SHG	Sibbari, Amtali, West Tripura, Pin-799130	Aparajita Nath (bhowmik)	8794221017	20	17
13	Shibam Self Help Group	Viveknagar, Amtali, West Tripura, Pin- 799130	Rinko Ghosh (Gope)	9862743201	20	17
14	Sarbajoyee Women SHG	North Ballavpur, I.C.Nagar, West Tripura, Pin- 799003	Namita Roy	9863689979	20	17
15	Sree Radharani SHG	Aswini Market, I.C.Nagar, West Tripura, Pin-	Sima Roy	9863228160	20	17
16	Udayan Agarbatti Producer Group	799003 Tuichindrai, Teliamura, Khowai Tripura, Pin- 799205	Bina Bhattacharj ee	8794047251	20	20
17	Dhalai Agarbatti Co- operative Society Ltd.	TRTC Para, Ambassa, Dhalai Tripura, Pin-799289	Biplab Modak	9436496634	20	20
18	Kulai Agarbatti Society	Thakurpalli, Salema, Dhalai Tripura, Pin- 799204	Litan Das	9436532209 8131875667	20	15
19	Manisha Agarbatti Producer Group	Madhupur Haspital Road, Madhupur, Sepahijala Tripura, Pin- 799102	Anima Sarkar Bhowmik	7308428646	20	20



Sl. No	Name of the Group	Address	Contact Person	Contact No.	Total Membe rs	Total Machine
20	Maa Sarada Agarbatti Producer Group	Harihar Dola, Radhanagar, Konaban, Sepahijala Tripura, Pin- 799152	Mayarani Sarkar	0381- 2902616	20	20
21	Shib Shakti Agarbatti Producer Group	Harihar Dola, Radhanagar, Konaban, Sepahijala Tripura, Pin- 799153	Uddhave Chaturvedi	9862122375	20	20
22	Loknath Agarbatti Producer Group	Bagmara, Aswini Market, I.C.Nagar, West Tripura, Pin- 799003	Uddhave Chaturvedi	9862122375	20	10
23	Barnali Agarbatti Producer Group	Kalkalia, Bishalgarh, Sepahijala Tripura, Pin- 799102	Ruma Majumder (Sarkar)	9612056826	20	20
24	A.D.Nagar	TIDC Industrial Complex, A.D.Nagar, Opp. Jain Udyog, Agartala	Rama Reang	9862675547	3	5
25	Mangaldeep Chandrapur APG	Chandrapur. Dharmanagar, North Tripura	Shirshendu Deb	9862697178	20	Group formed; Application Received
26	North Hurua Farmers Club	North Hurua, Dharmanagar, North Tripura	Pratima Deb	9612383781	20	Group formed; Application Received
27	Sudharram Para APG	Kulai, Dhalai	Sudir Deb	8974222382	20	20
28	Dhipshika APG	Teliamura, Khowai	Ratna Rudrapal	8119912390	15	20
29	Joyram APG	AD Nagar, West Tripura	Purnima Gosh	9774192936	23	Group formed; Application Received
30	Maa APG	AD Nagar, West Tripura	Shukla Pal	7085804555	22	Group formed; Application Received
31	Sarkar Para APG	Sarkar Para,North Nalichara,Kulai ,Ambassa	Subir Deb	8974222382	20	20



Sl. No	Name of the Group	Address	Contact Person	Contact No.	Total Membe rs	Total Machine
32	Laminaraya n APG	Khilpara,Udaip ur,Gumti,Tripu ra	Narayan Dey	9436473577	12	Group formed; Application Received
33	Nabajyoti APG-20	Chandarpur,Ud aipur,Gumti	Sujit Debnath	986238546	12	20
34	Gumti APG	Khilpara,Udaip ur,Gumti,Tripu ra	Sibaji Pal	9206136674	20	20
35	Maa Agarbatti SHG	Suknachara,Ka nchanpur,Tripu ra(N)	Rekha Nath	9862515790	20	Group formed; Application Received
36	Ramthakur APG	Kanchanmala , Sekerkote, Agartala	Uddhave Chaturvedi	9862122375	20	20
37	Purba Dhajanagar APG	Udaipur, Gomati	Suman Biswas	9856423939	20	20
		Total =			692	550

BAMBOO STICK MAKING

Sl. No	Name of the Groups	Address	Contact Person	Contact No.	Total Membe rs	Total Mach ine
1	Agnibina Agarbatti Sticks Utpadan Samiti	Singhinala, Salema, Dhalai Tripua	Lab Datta	943653848 5	30	24
2	Khowai Stick Producer Group	Dhalabil, Khowai, Khowai Tripura	Lab Datta	943653848 5	25	15
3	Nabajyoti Agarbatti Producer Group	Chandrapur, Udaipur, Gomati Tripura	Tapas Dey	9856929125	30	14
4	Unakoti Agarbatti Stick Producer Group	Kumarghat, Unakoti Tripura	Gautam Debnath	9862317794	40	36
5	Noagaon Stick Producer Group	Noagaon, Kalibazar, Agartala	Kirat Debbarma	8732829122	25	25
6	Durga SHG	Sukantanagar, Kumarghat, Unakoti Tripura	Gautam Debnath	9862317794	30	25
7	3 Locations at Balicherra village, Kalacherra Block	Reang Para, Halam Basti, Tripura Para, Kalacherra Block, North Tripura	Gautam Debnath	9862317794	120	100



				Total	392	269
10	Monoram Bamboo Industry	Bamboo Park, R. K. Nagar	Ramkrish na Debnath	9774015626	12	
9	8 Rolling Groups (ToT)	Unakoti Agarbatti Stick Producer Group, Kumarghat, Unakoti Tripura	Gautam Debnath	9862317794	40	15
8	8 Rolling Groups (ToT)	Palpara CFC, Bishalgarh, Sepahijala Tripura	Biplab Pal	9612172880	40	15

Progress achieved from January to March, 2016:

- A mobilization camp was organized at Purba Dhajanagar, Udaipur, Gomati by involving the members of 'Pruba Dhajanagar Agarbatti Producers Group' on 15th January, 2016. 20 members participated the camp. During the camp the artisans of the cluster were made aware regarding the bamboo rolling activities and how rolling activities would ensure better livelihood generation of the individuals of the cluster.
- A mobilization Camp was organized by involving the members of 'Gomati Agarbatti Producer Group' at Khilpara, Udaipur, Gomati on 24th February, 2016. 20 members from Gomati Agarbatti Producer Group participated the camp and were made aware regarding how Agarbatti rolling activity would bring about better livelihood generation of the artisans, demand of the craft etc. During the camp it was also discussed regarding the importance of working in group, responsibilities to be followed during the production activities etc.
- During the quarter a mobilization camp was organized at Chandrapur, Udaipur, Gomati on 27th January, 2016 by involving the members of 'Nabajyoti Agarbatti Producer Group'. In the camp the artisans were made aware regarding the production process of Agarbatti rolling and how it would ensure income generation of the artisans. It was also discussed how the members should work in a group to ensure sustainability of the Group.
- Two mobilization camps was organized by involving the members of 'Ramthakur Agarbatti Producer Group' on 24th February and 15th March, 2016 at Kanchanmala, Sekerkote, Bishalgarh. 20 members participated the camp. During the camp the artisans were made aware regarding how Agarbatti rolling activity would bring about better livelihood generation of the artisans, demand of the craft etc. During the camp it was also discussed regarding the importance of working in group, responsibilities to be followed during the production activities etc.
- A mobilization camp was organized at Sarkar Para, Dhalai on 4th February, 2016 by involving the members of 'Sarkar Para Agarbatti Producer Group'. 20 members from the producer group participated the camp. During the camp the artisans were made aware regarding the production process of agarbatti rolling, importance of working in group, how these activities would ensure better income generation of the artisan, responsibilities of the group members in order to ensure sustainability f the group and regular production activities.



- During the quarter a mobilization camp was organized at Tuichindrai, Teliamura on 12th February, 2016 by involving the members of 'Deepsikha Agarbatti Producer Group'. In the camp the artisans were made aware regarding the production process of Agarbatti rolling and how it would ensure income generation of the artisans. It was also discussed how the members should work in a group to ensure sustainability of the Group. A separate account has been formed in the name of the group where all the group related transactions will be done to maintain the transparency in the group. During the camp it was also discussion regarding the responsibilities of the group leaders and the members to ensure regular production activities at the centre.
- Thirty days training on Capacity Building Training on Mechanized Rolling was organised by involving the members of 'Sudharam Para Agarbatti Producer Group' from 26th February to 26th March, 2016 at Kulai, Dhalai. 20 members were involved in the training programme. During the training the artisans were trained on the technique of handling agarbatti rolling machineries, production process of Agarbatti rolling activities, quality production, minimizing the wastage etc.
- During the quarter 20 members of 'Sarkar Para Agarbatti Producer Group' were involved in the Capacity Building Training on Mechanized rolling for duration of 30 days from 1st March to 30th March, 2016 atAmabassa, Dhalai. During the training the artisans were trained on the technique of handling Agarbatti rolling machineries, different safety measures to be followed, production process of Agarbatti rolling activities, quality production, minimizing the wastage etc. The artisans were also trained on the group management which includes maintaining record books, responsibilities of group leaders and the members etc.
- During the quarter Capacity Building Training on Mechanized rolling was organized by involving 20 members of 'Shibshokti Agarbatti Producer for duration of 30 days from 28th February to 28th March, 2016 at Harihar Dola, Kunabon, West Tripura. During the training the artisans were trained on the technique of handling Agarbatti rolling machineries, different safety measures to be followed, production process of Agarbatti rolling activities, quality production, minimizing the wastage etc.
- Thirty days training on Capacity Building Training on Mechanized Rolling was organised by involving the members of 'Karunamoyee Agarbatti Producer Group' from 20th February to 20th March, 2016 at Amtali, West Tripura. 20 members were involved in the training programme. During the training the artisans were trained on the technique of handling agarbatti rolling machineries, production process of Agarbatti rolling activities, quality production, minimizing the wastage etc. The artisans were also trained on the group management activities, maintaining record books of group etc.
- During the quarter Capacity Building Training on Mechanized Rolling was organised by involving the members of 'Manisha Agarbatti Producer Group' from 28th February to 28th March, 2016 at Madhupur, Bishalgarh, West Tripura. 17 members were involved in the training programme. During the training the artisans were trained on the technique of handling agarbatti rolling machineries, production process of Agarbatti rolling activities, quality production, minimizing the wastage etc.



- Thirty days training on Capacity Building Training on Mechanized Rolling was organised by involving the members of 'Sree Radha Rani Agarbatti Producer Group' from 15th February to 15th March, 2016 at Ishanchandranagar, Hapania, West Tripura. 20 members were involved in the training programme. During the training the artisans were trained on the technique of handling agarbatti rolling machineries, production process of Agarbatti rolling activities, quality production, minimizing the wastage etc. The artisans were also trained on different safety measures to be adopted while handling the machineries.
- Thirty days Training on Capacity Building Training on Mechanized Rolling was organised by involving the members of 'Shibam Agarbatti Producer Group' from 25th February to 25th March, 2016 at Amatali, West Tripura. 17 members were involved in the training programme. During the training the artisans were trained on the technique of handling agarbatti rolling machineries, production process of Agarbatti rolling activities, quality production, minimizing the wastage etc.
- Capacity Building Training on Mechanized Rolling was organised by involving the members of 'Maa Sarada Agarbatti Producer Group' from 28th February to 28th March, 2016 at Harihar Dola, Kunabon, West Tripura. 20 members were involved in the training programme. During the training the artisans were trained on the technique of handling agarbatti rolling machineries, production process of Agarbatti rolling activities, quality production, minimizing the wastage etc. The artisans were also trained on different safety measures to be adopted while handling the machineries.
- During the quarter 20 members of 'Sarbojoyee Agarbatti Producer Group' were involved in the Capacity Building Training on Mechanized rolling for duration of 30 days from 20th February to 20th March, 2016 at Amtali, Agartala, West Tripura. During the training the artisans were trained on the technique of handling Agarbatti rolling machineries, different safety measures to be followed, production process of Agarbatti rolling activities, quality production, minimizing the wastage etc. The artisans were also trained on the group management which includes maintaining record books, responsibilities of group leaders and the members etc.
- Thirty days training on Capacity Building Training on Mechanized Rolling was organised by involving the members of 'Omkar Agarbatti Producer Group' from 15th February to 15th March, 2016 at Amtali, West Tripura. 15 members were involved in the training programme. During the training the artisans were trained on the technique of handling agarbatti rolling machineries, production process of Agarbatti rolling activities, quality production, minimizing the wastage etc.
- Training of Trainers (ToT) was organized at AD Nagar, West Tripura on 19th March, 2016. 21 artisans from Teliamura, Dhalai, Bishalgarh, Matabari participated the programme. During the training the trainees were given training on group management which involves maintaining record books of the group, responsibilities of the group leader, responsibilities of group members etc.



Snapshot of Activities:

Mobilization Camps at different clusters











Production of Agarbatti Rolling at different clusters:-

















Demonstration and Maintenance of Machineries by the Technical Persons of TBM at different agarbatti rolling unit:-

















Capacity Building Training on Mechanized Incense Rolling:-

• Name of the Centre:- Sudharam Para Agarbatti Producers group

An Agarbatti Producer Group have been formed by involving the individuals of Uttar Nalichara GP under Ambassa R.D Block namely 'Sudharam Para Agarbatti Producer Group'. 20 members have been involved in the group with objectives of self sustainable growth of the people of the Cluster. A separate account has been formed in the name of the group where all the group related transactions are done.

Thirty days training on Capacity Building Training on Mechanized Rolling was organised by involving the members of 'Sudharam Para Agarbatti Producer Group' from 26th February to 26th March, 2016 at Kulai, Dhalai. 20 members from the group were involved in the training programme. During the training the artisans were trained on the technique of handling agarbatti rolling machineries, production process of Agarbatti rolling activities, quality production, minimizing the wastage etc.



Capacity Building Training on Mechanized Incense Rolling at Sudharam
Para Agarbatti Producer Group

• Name of the Centre:- Sarkar Para Agarbatti Producers group:-

An agarbatti Producer Group have been formed by involving the individuals of Uttar Nalichara GP under Ambassa R.D Block namely 'Sarkar Para Agarbatti Producer Group'. 20 members have been involved in the group with objectives of self sustainable growth of the people of the Cluster. A separate account has been formed in the name of the group where all the group related transactions are done.

20 members of 'Sarkar Para Agarbatti Producer Group' were involved in the Capacity Building Training on Mechanized rolling for duration of 30 days from 1st March to 30th March, 2016 atAmabassa, Dhalai. During the training the artisans were trained on the technique of handling Agarbatti rolling machineries, different safety measures to be followed, production process of Agarbatti rolling activities, quality production, minimizing the wastage etc. The artisans were also trained on the group management which includes maintaining record books, responsibilities of group leaders and the members etc.







Name of the Centre:- Shib Shakti Agarbatti Producers group:-

An institution was formed namely, "Shibshakti Agarbatti Producer Group" with objectives of self sustainable growth of the people of Harihordola, Konaban, Bishalgarh R.D Block. 20 members from the cluster are involved in the producer group.

During the quarter Capacity Building Training on Mechanized rolling was organized by involving 20 members of 'Shibshokti Agarbatti Producer for duration of 30 days from 28th February to 28th March, 2016 at Harihar Dola, Kunabon, West Tripura. During the training the artisans were trained on the technique of handling Agarbatti rolling machineries, different safety measures to be followed, production process of Agarbatti rolling activities, quality production, minimizing the wastage etc.





• Name of the Centre:- Karunamoyee Agarbatti Producers group:-

An institution was formed namely, "Karunamoyee Agarbatti Producer Group" with objectives of self sustainable growth of the people of the cluster on 04-01-2015, Sarbajoyee R.D Block. 20 members from the cluster are involved in the producer group.

Thirty days training on Capacity Building Training on Mechanized Rolling was organised by involving the members of 'Karunamoyee Agarbatti Producer Group' from 20th February to 20th March, 2016 at Amtali, West Tripura. 20



members were involved in the training programme. During the training the artisans were trained on the technique of handling agarbatti rolling machineries, production process of Agarbatti rolling activities, quality production, minimizing the wastage etc. The artisans were also trained on the group management activities, maintaining record books of group etc.



• Name of the Centre:- Manisha Agarbatti Producers group:-

An institution was formed namely, 'Manisha Agarbatti Producer Group' with objectives of self sustainable growth of the people of the cluster on 03-08-2015, at Madhupur, Bishalgarh, West Tripura, Dukli R.D Block. 20 members from the cluster are involved in the producer group and trained them on Mechanized Agarbatti Rolling.

During the quarter Capacity Building Training on Mechanized Rolling was organised by involving the members of 'Manisha Agarbatti Producer Group' from 28th February to 28th March, 2016 at Madhupur, Bishalgarh, West Tripura. 17 members were involved in the training programme. During the training the artisans were trained on the technique of handling agarbatti rolling machineries, production process of Agarbatti rolling activities, quality production, minimizing the wastage etc.



• Name of the Centre:- Sree Radha Rani Agarbatti Producers group:-

An institution was formed namely, 'Shri Radharani Agarbatti Producer Group' with objectives of self sustainable growth of the people of the cluster on 03-02-2015, at Ishanchandranagar, Hapania, Awini Market, Sadar, West Tripura, Dukli R.D Block. 20 members from the cluster are involved in the producer group and trained them on Mechanized Agarbatti Rolling.

Thirty days training on Capacity Building Training on Mechanized Rolling was organised by involving the members of '**Sree Radha Rani Agarbatti Producer Group'** from 15th February to 15th March, 2016 at Ishanchandranagar, Hapania, West Tripura. 20 members were involved in the training programme. During the training the artisans were trained on the technique of handling agarbatti rolling machineries, production process of Agarbatti rolling activities, quality production, minimizing the wastage etc. The artisans were also trained on different safety measures to be adopted while handling the machineries.







• Name of the Centre:- Shibam Agarbatti Producers group:-

An institution was formed namely, 'Shibam Agarbatti Producer Group' with objectives of self sustainable growth of the people of the cluster on 23-03-2014, at Bibeknagar, Amtali, West Tripura, Dukli R.D Block. 20 members from the cluster are involved in the producer group and trained them on Mechanized Agarbatti Rolling.

Thirty days Training on Capacity Building Training on Mechanized Rolling was organised by involving the members of '**Shibam Agarbatti Producer Group'** from 25th February to 25th March, 2016 at Amatali, West Tripura. 17 members were involved in the training programme. During the training the artisans were trained on the technique of handling agarbatti rolling machineries, production process of Agarbatti rolling activities, quality production, minimizing the wastage etc.





• Name of the Centre:- Maa Sarada Agarbatti Producers group:-

An institution was formed namely, 'Maa Sarada Agarbatti Producer Group' with objectives of self sustainable growth of the people Harihordola, Konaban, Bishalgarh R.D Block. 20 members from the cluster are involved in the producer group.

Capacity Building Training on Mechanized Rolling was organised by involving the members of 'Maa Sarada Agarbatti Producer Group' from 28th February to 28th March, 2016 at Harihar Dola, Kunabon, West Tripura. 20 members were involved in the training programme. During the training the artisans were trained on the technique of handling agarbatti rolling machineries, production process of Agarbatti rolling activities, quality production, minimizing the wastage etc. The artisans were also trained on different safety measures to be adopted while handling the machineries.



• Name of the Centre:- Sarbojoyee Agarbatti Producers group:-

An institution was formed namely, 'Sarbajoyee Agarbatti Producer Group' with objectives of self sustainable growth of the people of the cluster of Sarbajoyee R.D Block. 20 members from the cluster are involved in the producer group and trained them on Mechanized Agarbatti Rolling.

During the quarter 20 members of 'Sarbojoyee Agarbatti Producer Group' were involved in the Capacity Building Training on Mechanized rolling for duration of 30 days from 20th February to 20th March, 2016 at Amtali, Agartala, West Tripura. During the training the artisans were trained on the technique of handling Agarbatti rolling machineries, different safety measures to be followed, production process of Agarbatti rolling activities, quality production, minimizing the wastage etc. The artisans were also trained on the group management which includes maintaining record books, responsibilities of group leaders and the members etc.





• Name of the Centre:- Omkar Agarbatti Producers group:-

An institution was formed namely, 'Omkar Agarbatti Producer Group' with objectives of self sustainable growth of the people of the cluster on 07-02-2014, at Shibabari, Amtali, West Tripura, Dukli R.D Block. 20 members from the cluster are involved in the producer group and trained them on Mechanized Agarbatti Rolling.

Thirty days training on Capacity Building Training on Mechanized Rolling was organised by involving the members of '**Omkar Agarbatti Producer Group**' from 15th February to 15th March, 2016 at Amtali, West Tripura. 15 members were involved in the training programme. During the training the artisans were trained on the technique of handling agarbatti rolling machineries, production process of Agarbatti rolling activities, quality production, minimizing the wastage etc.







TOT at Bamboo Craft Skill Resource Centre, A.D Nagar, Agartala:-

21 artisans from Teliamura, Dhalai, Bishalgarh, Matabari participated the TOT programme at A. D Nagar on 19th March, 2016. During the training the trainees were given training on group management which involves maintaining record books of the group, responsibilities of the group leader, responsibilities of group members etc. The trainees were given technical training on handling and operation the machines, quality aspects etc. Exposure Visit has been organized for the trainees at Banik Agro Pvt. Ltd to give the artisan practical knowledge on the machine operation, production, quality aspects, market demand etc.



Training on Group Management, Record Keeping, and Production Activities etc.



Demonstration on handling and operation of Rolling Machineries







Training on Quality Production of Agarbatti Rolling by the leading entrepreneur of Incense Sector



Group leaders participated in TOT Programme

2.2. Other Activities in Incense sector

Present Status of Incense sector in Tripura and reviving action being taken by TBM

The average annual production & exports of bamboo sticks from Tripura to the Agarbattti Industry of India was around 25,000 MT few years back which has now reduced to less than 8,000 MT. This is basically due to change in technology adopted by the Global Agarbatti sector, change in International trade regime etc. A large number household of the state and the district in particular, are dependent on bamboo stick making for their livelihood. Bamboo stick making is a traditional village industry of Tripura which dates back to last 30-40 years.

India is the largest producer, consumer and exporter of finished Agarbatti I the world. While the Indian Agarbatti sector is growing @ 14-17% every year, there has been a fast transition from hand made products to semi-mechanized products in last 2-3 years. Tripura used to be the leading supplier (more than 70%) of Bamboo Stick, the basic raw



material for Agarbatti industry, in India. But due to shift from manual (handmade sticks) to semi mechanized manufacturing process (round sticks), Tripura has lost its position with demand of handmade bamboo stick reducing drastically. This has affected the bamboo economy of the state and resulted in many households getting jobless.

While the state is gradually shifting towards semi-mechanized production process, the state government, through Tripura Bamboo Mission, is taking steps to revive the sector in a war footing manner.

Due to shift from handmade bamboo sticks to round bamboo sticks and reduction in import duty from 30% to 10%, the demand for the sticks produced in the state started decreasing. In last 3-4 years, the production of Bamboo Stick has reduced to one fifth of its capacity. Reciprocating to this situation, the local entrepreneurs with active support from Tripura Bamboo Mission established few round bamboo sticks unit as experimental basis. However, as of now the technology has been customized by the local entrepreneurs and with huge market demand both outside & within the state, the bamboo round stick production need to be adopted in a large way.

Till 2006

- Low value fibrous hand made bamboo stick
- Negligible value of value addition

2007-2011

- Conversion into pollished bamboo stick
- Aggressive value addition in the form of hand rolled Agarbatti

2011-2014

- Paradigm shift in global incense market: from hand made to mechanized Agarbatti
- Demand for hand madesticks & hand rolled agarbattis declined drestically
- Import duty on Agarbatti slashed from 30% to 10%

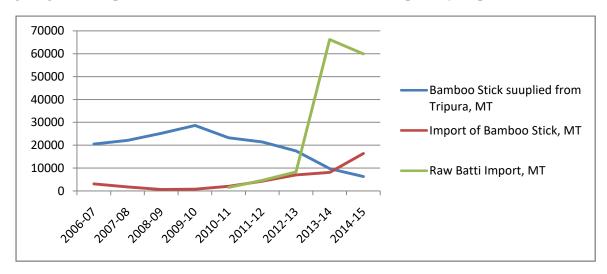
2014-Till date

- Tripura Incense sector gradually adopting the mechanized way of Bamboo Round Sticks and rolled agarbatti
- The production volume is gradually increasing with significant level of value addition within the state
- Many local entrepreneurs have started producing and marketing finished Agarbatti

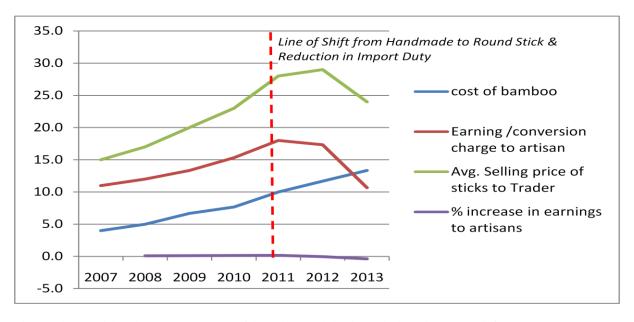
Movement of sticks produced in Tripura for export has been gradually reducing. As a result, the stock of holding sticks at warehouses is increasing day by day thereby increasing vulnerability of loss due to huge capital investment and other risks. As mentioned by the society members, good quality bamboo stick (mostly machine made) in



large volumes are being imported to India from South East Asian countries like Vietnam etc. After declaration of cut in the import duty from 30% to 10% by the Central Government about 2 years back, cost competitiveness for import to India has increased giving stiff competition to the stick traders from NE states especially Tripura.



	2007	2008	2009	2010	2011	2012	2013	2014
cost of bamboo	4.0	5.0	6.7	7.7	10.0	11.7	13.3	15
Earning /conversion charge to artisan	11.0	12.0	13.3	15.3	18.0	17.3	10.7	5.0
Avg. Selling price of sticks to Trader	15	17	20	23	28	29	24	20
% increase in earnings to artisans		9%	11%	15%	17%	-4%	-38%	-53%



The estimated business turnover of bamboo stick though has increased from Rs. 12.90 crore (in 2007) to Rs. 61.30 crore (in 2013), but profitability of the business as a whole and return to the artisans in particular has not increased significantly considering increased cost of raw material, labour and inflation. The business received a huge setback

when import duty was cut in 2011 forcing local traders to reduce selling price of sticks to ensure continuous outflow of sticks. This situation directly impacted livelihoods of about 1.50 lakh artisans of the state. The table & chart below describe the situation more clearly.

It obvious that the profession of bamboo stick making as rural livelihood has become very low remunerative. Many artisans have already left the job and a large number of existing artisans are in the verge of leaving the job. Their livelihoods are at stake which will in turn provide a major setback to the economy of the state/region.

This is to mentioned here that, with changing demand of the market, Tripura Bamboo Mission has introduced appropriate technology (in terms of improvised tools, techniques etc.) to match the quality of sticks at par with imported sticks.

Meeting with ITC on marketing aspects of Bamboo Round Stick & Raw Batti from Tripura:-

Due to change in incense global business regime, the incense sector has seen a paradigm shift from manual process mechanized process. Due to this, the incense sector in Tripura, which was mostly manual based, experienced a downfall in production and turnover. Reciprocating to this, TBM has introduced, disseminated and expanded the industry acceptable technology in the incense clusters of the state. The state is gradually gearing up to reach the volumetric production of bamboo stick and raw batti as it was doing earlier.

On the above context, the marketing linkage for the clusters is also been intervened by TBM in a cohesive manner. A meeting was held between a team, comprising of the Director- Industries, Dy. Mission Manager- TBM & the local vendor of TBM and the officials of ITC- SBU-Safety matches & Agarbathi business at ITC office in Chennai on 29th December, 2015.

The meeting was fruitful in terms of ITC agreeing to purchase bamboo stick and raw batti in bulk from Tripura. It was decided that, export of round bamboo stick and raw batti of ITC specification in truckloads from Tripura will be started within this financial year. The perfuming unit may be re-started after reaching critical volume of 25 MT raw batti per month.

List of Bamboo Round Stick Units in Tripura

	Round Stick manufacturers									
Sl. No	Name of Firm/ Unit	Contact Person	Location	Phone No.	No. of RS m/c	Monthly Capacity, MT				
	Biswas Domestic	Suman								
1	Products	Biswas	Udaipur	9856423939	2	2				
	Manoram	Ramkrishna								
2	Bamboo Industry	Debnath	Agartala	9774015626	2	2				
	Banik Agro Forest	Sankar								
3	Products	Banik	Kumarghat	9436464591	7	7				
	Unakoti ASC									
4	Society	Ajit Ghosh	Kumarghat	9436134527	2	2				
	Unakoti ASC	Shyamal								
5	Society	Debnath	Kumarghat	9436134530	2	2				



	Unakoti ASC	Anup				
6	Society	Choudhury	Kumarghat	9436134677	2	2
	Unakoti ASC	Satyaranjan				
7	Society	Dasroy	Kumarghat	9436134692	2	2
				Total	19	19

New Project in pipeline for Round Bamboo Stick Production

Considering huge demand from market and having experience in bamboo stick trading by entrepreneurs of Tripura, the Bamboo Round Stick sector is expected to have huge opportunities. Thus, to revive the sector, Tripura Bamboo Mission is planning to establish round bamboo stick manufacturing unit consisting of 50 round stick machine. For this, TBM is seeking support from the scheme SFURTI of the Ministry of MSME.

2.3. Status of Agarbatti Producer Group:-

Name of Agarbatti Producer Group:-Deepshikha Agarbatti Producer Group, Teliamura, Khowai, Tripura:-

Background of the Cluster: Teliamura under Khowai District is located around 120 kms from the state capital Agartala. The inhabitants of the cluster are mostly dependent on agriculture & allied activities for their livelihood. Practice of Jhum cultivation (shifting cultivation) still continues in many parts of the District by the tribals residing in the `deeply forest hills. Most of the households in the District are classified as Below Poverty Line (BPL). The income generation of the people of the cluster was very low and uncertain.

Base level Survey: A survey was organized with the initiative of TBM with objectives of gathering knowledge regarding the main source of income generation of the people of the cluster, other possible source of income generation, availability of raw materials, skill level of the people etc. Through the series of interaction with the people of the cluster it was understood that the people of the cluster could be engaged in the production of Agarbatti Rolling as the bamboo is readily available in the cluster, which would ensure regular income of the individuals followed by upliftment in their income level.

Institution Building: An Agarbatti Producer Group have been formed by involving the local individuals of the cluster, namlely, "Deepsikha Agarbatti Producers Group" with objectives of self sustainable growth of the people of the cluster. 20 members of the group were trained on Mechanized Agarbatti Rolling, Handling of Machineries, Minor Repairing of Machineries, Quality maintaining, group management, book keeping etc at their concerned center by TBM. Training of Trainers was organized at TBM Craft Skill Resource Centre, A.D Nagar, Agartala where leader and cashier from the Society attained the program. During the training they were made aware regarding the market demand, quality to be maintained, importance of maintaining books of records, repairing of machineries etc. 20 Paddle type Agarbatti Rolling Machine, 20 Bamboo made Chair, One Masala Mixture Machine, One Weighing Machine, One Iron Rack and one wooden Rack for the display and stock of the products were given to the group. The artisans collect the raw materials namely Premix masala from Nitai Rudrapal, Kumarghat & Bamboo sticks from Dhalai Agarbattii Co operative Society, Ambassa. The group sells the raw Agarbatti



to Sashikiran Industries, Teliamura. The supply chain including backward & forward linkages have been facilitated by Tripura Bamboo Mission.



Name of Agarbatti Producer Group: - Sudharam Para Agarbatti Producers Group, , Dhalai Tripura:-

Background of the Cluster: Sudharam Para Agarbatti producers Group, under Dhalai District is located in the North-eastern part of Tripura. The inhabitants of the cluster are mostly dependent on agriculture & allied activities for their livelihood. Practice of Jhum cultivation (shifting cultivation) still continues in many parts of the District by the tribals residing in the `deeply forest hills. Most of the households in the District are classified as Below Poverty Line (BPL). The income generation of the people of the cluster was very low and uncertain.

Base level Survey:- A survey was organized with the initiative of TBM with objectives of gathering knowledge regarding the main source of income generation of the people of the cluster, other possible source of income generation, availability of raw materials, skill level of the people etc. Through the series of interaction with the people of the cluster it was understood that the people of the cluster could be engaged in the production of Agarbatti Rolling as the bamboo is readily available in the cluster, which would ensure regular income of the individuals followed by upliftment in their income level.

Institution Building:- An institution was formed namlely, "Sudharam Para Agarbatti Producers Group" with objectives of self sustainable growth of the people of the cluster at Sudharam Para, Kulai, Ambassa R.D Block . The 20 artisans of the Clusters were given training on Mechanized Agarbatti Rolling, Handling of Machineries, Minor Repairing of Machineries, Quality maintaining, group management, book keeping etc at their concerned center by TBM. Training of Trainers was organized at TBM Craft Skill Resource Centre, A.D Nagar, Agartala where leader and cashier from the Society attained the program. During the training they were made aware regarding the market demand, quality to be maintained, importance of maintaining proper books of records, repairing of machineries etc. 20 Paddle type Agarbatti Rolling Machine, 20 Bamboo made Chair, One Masala Mixture Machine , One Weighing Machine, One Iron Rack and one wooden Rack for the display and stock of the products were given to the group. The artisans collect the raw materials namely Premix masala from Balaji Udyog, Kumarghat & Bamboo sticks from Balaji Udyog, Kumarghat. The group sells the raw Agarbatti to ITC. The supply chain including backward & forward linkages have been facilitated by Tripura Bamboo Mission.







Name of the Agarbatti Producer Group:- Sarkar Para Agarbatti Producers Group, Sarkar Para, Kulai, Dhalai Tirpura:-

Background of the Cluster: Sarkar Para Agarbatti producers Group, under Dhalai District is located in the North-eastern part of Tripura. The inhabitants of the cluster are mostly dependent on agriculture & allied activities for their livelihood. Practice of Jhum cultivation (shifting cultivation) still continues in many parts of the District by the tribals residing in the `deeply forest hills. Most of the households in the District are classified as Below Poverty Line (BPL). The income generation of the people of the cluster was very low and uncertain.

Base level Survey:- A survey was organized with the initiative of TBM with objectives of gathering knowledge regarding the main source of income generation of the people of the cluster, other possible source of income generation, availability of raw materials, skill level of the people etc. Through the series of interaction with the people of the cluster it was understood that the people of the cluster could be engaged in the production of Agarbatti Rolling as the bamboo is readily available in the cluster, which would ensure regular income of the individuals followed by upliftment in their income level.

Institution Building:- An institution was formed namlely, "Sarkar Para Agarbatti Producers Group" with objectives of self sustainable growth of the people of the cluster on 10-1-2016 at Sarkar Para, Kulai, Ambassa R.D Block . The 20 artisans of the Clusters were given training on Mechanized Agarbatti Rolling, Handling of Machineries, Minor Repairing of Machineries, Quality maintaining, group management, book keeping etc at their concerned center by TBM. Training of Trainers was organized at TBM Craft Skill Resource Centre, A.D Nagar, Agartala where leader and cashier from the Society attained the program. During the training they were made aware regarding the market demand, quality to be maintained, importance of maintaining proper books of records, repairing of machineries etc. 20 Paddle type Agarbatti Rolling Machine, 20 Bamboo made Chair, One Masala Mixture Machine, One Weighing Machine, One Iron Rack and one wooden Rack for the display and stock of the products were given to the group. The artisans collect the raw materials namely Premix masala from Balaji Udyog, Kumarghat & Bamboo sticks from Balaji Udyog, Kumarghat. The group sells the raw Agarbatti to ITC. The supply chain including backward & forward linkages have been facilitated by Tripura Bamboo Mission.





Name of the Agarbatti Producer Group:- Purba Dhajanagar Agarbatti Producers Group, Dhajanagar, Udaipur, Gomati Tirpura:-

Background of the Cluster: Purba Dhajanagar Agarbatti producers Group, under Gomati District is located in the North-eastern part of Tripura. The inhabitants of the cluster are mostly dependent on agriculture & allied activities for their livelihood. Most of the households in the District are classified as Below Poverty Line (BPL). The income generation of the people of the cluster was very low and uncertain.

Base level Survey:- A survey was organized with the initiative of TBM with objectives of gathering knowledge regarding the main source of income generation of the people of the cluster, other possible source of income generation, availability of raw materials, skill level of the people etc. Through the series of interaction with the people of the cluster it was understood that the people of the cluster could be engaged in the production of Agarbatti Rolling as the bamboo is readily available in the cluster, which would ensure regular income of the individuals followed by upliftment in their income level.

Institution Building:- An institution was formed namlely, "Purba Dhajanagar Agarbatti Producers Group" with objectives of self sustainable growth of the people of the cluster on 29-03-2016 at Dhajanagar, Under Matabari R.D Block . The 20 artisans of the Clusters were given training on Mechanized Agarbatti Rolling, Handling of Machineries, Minor Repairing of Machineries, Quality maintaining, group management, book keeping etc at their concerned center by TBM. Training of Trainers was organized at TBM Craft Skill Resource Centre, A.D Nagar, Agartala where leader and cashier from the Society attained the program. During the training they were made aware regarding the market demand, quality to be maintained, importance of maintaining proper books of records, repairing of machineries etc. 20 Paddle type Agarbatti Rolling Machine, 20 Bamboo made Chair, One Masala Mixture Machine, One Weighing Machine, One Iron Rack and one wooden Rack for the display and stock of the products were given to the group. The artisans collect the raw materials namely Premix masala from Balaji Udyog, Kumarghat & Bamboo sticks from Biswas Domestics Products, Udaipur. The group sells the raw Agarbatti to ITC. The supply chain including backward & forward linkages have been facilitated by Tripura Bamboo Mission.







Name of the Agarbatti Producer Group: - Gomati Agarbatti Producers Group, Khilpara, Udaipur, Gomati Tirpura:-

Background of the Cluster:- Gomati Agarbatti producers Group, under Gomati District is located in the North-eastern part of Tripura. The inhabitants of the cluster are mostly dependent on agriculture & allied activities for their livelihood. Most of the households in the District are classified as Below Poverty Line (BPL). The income generation of the people of the cluster was very low and uncertain.

Base level Survey:- A survey was organized with the initiative of TBM with objectives of gathering knowledge regarding the main source of income generation of the people of the cluster, other possible source of income generation, availability of raw materials, skill level of the people etc. Through the series of interaction with the people of the cluster it was understood that the people of the cluster could be engaged in the production of Agarbatti Rolling as the bamboo is readily available in the cluster, which would ensure regular income of the individuals followed by upliftment in their income level

Institution Building:- An institution was formed namlely, "Gomati Agarbatti Producers Group" with objectives of self sustainable growth of the people of the cluster on 28-03-2016 at Khilpara, Under Matabari R.D Block . The 20 artisans of the Clusters were given training on Mechanized Agarbatti Rolling, Handling of Machineries, Minor Repairing of Machineries, Quality maintaining, group management, book keeping etc at their concerned center by TBM. Training of Trainers was organized at TBM Craft Skill Resource Centre, A.D Nagar, Agartala where leader and cashier from the Society attained the program. During the training they were made aware regarding the market demand, quality to be maintained, importance of maintaining proper books of records, repairing of machineries etc. 20 Paddle type Agarbatti Rolling Machine, 20 Bamboo made Chair, One Masala Mixture Machine, One Weighing Machine, One Iron Rack and one wooden Rack for the display and stock of the products were given to the group. The artisans collect the raw materials namely Premix masala from Balaji Udyog, Kumarghat & Bamboo sticks from Biswas Domestics Products, Udaipur. The group sells the raw Agarbatti to ITC. The supply chain including backward & forward linkages have been facilitated by Tripura Bamboo Mission.





Name of the Agarbatti Producer Group:- Nabajyoti Agarbatti Producers Group, Chandrapur, Udaipur, Gomati Tirpura

Background of the Cluster:- Nabajyoti Agarbatti producers Group, under Gomati District is located in the North-eastern part of Tripura. The inhabitants of the cluster are mostly dependent on agriculture & allied activities for their livelihood. Most of the households in the District are classified as Below Poverty Line (BPL). The income generation of the people of the cluster was very low and uncertain.

Base level Survey:- A survey was organized with the initiative of TBM with objectives of gathering knowledge regarding the main source of income generation of the people of the cluster, other possible source of income generation, availability of raw materials, skill level of the people etc. Through the series of interaction with the people of the cluster it was understood that the people of the cluster could be engaged in the production of Agarbatti Rolling as the bamboo is readily available in the cluster, which would ensure regular income of the individuals followed by upliftment in their income level.

Institution Building:- An institution was formed namlely, "Nabajyoti Agarbatti Producers Group" with objectives of self sustainable growth of the people of the cluster on 27-03-2016 at Chandrapur, Under Matabari R.D Block . The 20 artisans of the Clusters were given training on Mechanized Agarbatti Rolling, Handling of Machineries, Minor Repairing of Machineries, Quality maintaining, group management, book keeping etc at their concerned center by TBM. Training of Trainers was organized at TBM Craft Skill Resource Centre, A.D Nagar, Agartala where leader and cashier from the Society attained the program. During the training they were made aware regarding the market demand, quality to be maintained, importance of maintaining proper books of records, repairing of machineries etc. 20 Paddle type Agarbatti Rolling Machine, 20 Bamboo made Chair, One Masala Mixture Machine, One Weighing Machine, One Iron Rack and one wooden Rack for the display and stock of the products were given to the group. The artisans collect the raw materials namely Premix masala from Balaji Udvog, Kumarghat & Bamboo sticks from Biswas Domestics Products, Udaipur. The group sells the raw Agarbatti to ITC. The supply chain including backward & forward linkages have been facilitated by Tripura Bamboo Mission.





Name of the Agarbatti Producer Group:- Ramthakur Agarbatti Producers Group, Kanchanmala, Sekerkote, West Tirpura:-

Background of the Cluster:- Ramthakur Agarbatti producers Group, under West District is located in the North-eastern part of Tripura. The inhabitants of the cluster are mostly dependent on agriculture & allied activities for their livelihood. Most of the households in the District are classified as Below Poverty Line (BPL). The income generation of the people of the cluster was very low and uncertain.

Base level Survey:- A survey was organized with the initiative of TBM with objectives of gathering knowledge regarding the main source of income generation of the people of the cluster, other possible source of income generation, availability of raw materials, skill level of the people etc. Through the series of interaction with the people of the cluster it was understood that the people of the cluster could be engaged in the production of Agarbatti Rolling as the bamboo is readily available in the cluster, which would ensure regular income of the individuals followed by upliftment in their income level.

Institution Building:An institution was formed namlely, "Ramthakur Agarbatti Producers Group" with objectives of self sustainable growth of the people of the cluster on 24-03-2016 at Kanchanmala, Under Dukli R.D Block . The 20 artisans of the Clusters were given training on Mechanized Agarbatti Rolling, Handling of Machineries, Minor Repairing of Machineries, Quality maintaining, group management, book keeping etc at their concerned center by TBM. Training of Trainers was organized at TBM Craft Skill Resource Centre, A.D Nagar, Agartala where leader and cashier from the Society attained the program. During the training they were made aware regarding the market demand, quality to be maintained, importance of maintaining proper books of records, repairing of machineries etc. 20 Paddle type Agarbatti Rolling Machine, 20 Bamboo made Chair, One Masala Mixture Machine, One Weighing Machine, One Iron Rack and one wooden Rack for the display and stock of the products were given to the group. The artisans collect the raw materials namely Premix masala from Balaji Udyog, Kumarghat & Bamboo sticks from Biswas Domestics Products, Udaipur. The group sells the raw Agarbatti to ITC. The supply chain including



backward & forward linkages have been facilitated by Tripura Bamboo Mission.



3. PROGRESS ACHIEVED IN HANDICRAFTS SECTOR

3.1. Progress achieved under different project head

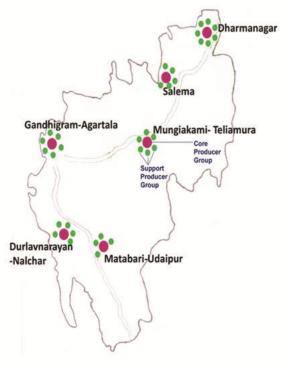
<u>Project Name: Integrated Development of Bamboo Handicraft Clusters in Tripura supported by NE Council</u>

About the Project:

The project "Integrated Development of Bamboo Handicraft Clusters in Tripura" has been approved by the North Eastern Council vide their letter no.NEC/IND/TR/13/2011 dated 23/03/2012. The total project cost is Rs. 441.25 lakh (NEC: 90%, GoT: 10%). Implementation of the project started in the 3rd quarter of FY2012-13.

The project aims to develop integrated bamboo handicraft clusters at 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 furnishing utility, carving, pasting, crafts.

The project locations are- 1) Dharmanagar, 2) Salema, 3) Teliamura-Mungiakami, 4) Gandhigram- Agartala, 5) Durlavnarayan-Nalchar & 6) Matabari-Udaipur.





The Key activities/interventions under this project are- Mobilizing & identifying beneficiaries, organizing beneficiaries & institutionalizing them as craft producer groups, Technological intervention including design & skill development and capacity development to industry standards, Marketing interventions- exploring different marketing channels and penetrating into mainstream & upscale markets, Financial support to build producers' working capital.

Project Implementation & Progress

The project implementation started in the FY 2013-14 with baseline survey at the selected project locations. The project is a challenging one as the project locations does not have any traditional bamboo commercial activity in large scale. However, TBM's strategy to expand the production base is portrayed from acceptance of this project.

Tripura Bamboo Mission has deputed a dedicated team of professionals including livelihood experts, designers, marketing expert etc. to provide holistic support for inclusive growth of the clusters; a full time cluster manager has been deputed at each location. Craft producer groups have been formed at the clusters as the core producer of finished goods and several bamboo intermediate product support groups formed in the catchment areas to support the core producer groups. The core producer Groups formed are- Juri Craft Producer Group (Dharmanagar), Dhalai Craft Producer Group (Salema), Chakmaghat Craft Producer Group (Mungiakami-Teliamura), Malancha Craft Producer Group (Gandhigram- Agartala), Neermahal Craft Producer Group, (Durlavnarayan-Nalchar) & Matabari Craft Producer Group (Udaipur- Matabari).

Project Implementation & Progress till date:-

- The project is being implemented as per the prescribed guidelines of NE Council.
- Rs. 100 lakh has been released as first instalment in 2013; Utilization Certificate for the same amount has been submitted to NE Council in July, 2014.
- > The second instalment of Rs. 145.90 lakh has been released by the NE Council.
- > So far the interventions done by TBM under the project include the following
 - o Mobilization & Identification potential craft pockets & beneficiariesmobilization camps organized at each project locations
 - Institution Building- formation of artisan community producer organizations has been undertaken. Initially 6 producer groups have been formed as core groups. Other new groups are being readied. The group members have been trained in different aspects of group formation & management. As the core strategy of TBM, all these producer groups in future will be federated as a Producer Company for sustainable operation in the long run.
 - o Technological Intervention: The group members have been trained under the programmes a) design & technical development workshop, b) skill development workshop c) integrated design & technical development workshop. Apart from this, exposure visit to various clusters, markets & institutes like BCDI, Agartala have also been arranged.
 - o Marketing Intervention: As per the project guideline, various initiatives has been undertaken to market the handicraft produced by the groups. While TBM Trade Facilitation cell supports them exclusively for getting orders, promotion & publicity has been undertaken using catalogues, posters, internet/ online marketing, video documentary etc. The handicraft products

- has been exhibited in various national & international fairs & exhibitions like IITF, Kerala Bamboo fest etc. to name a few.
- o Financial Intervention: Full time cluster managers to support the producer groups have been deputed. The margin money for the artisan members are being gradually released based on the production requirement & performance of the group.
- Cluster specific infrastructure related intervention: six common facility centers are to be built in each cluster under the project. It has been planned that, the construction may start in due time after release of fund under this project component. Some improvised tools & implements required by the existing groups have been provided to them.

	Physical Pro	ogress Achieved	
	Key Project Mandate	Progress Achieved	Remarks
Mobilization d	& Baseline		
Mobilization & Baseline	12 camps(two camps in each cluster)	12 camps (2 camps in each cluster)	
Technological	Intervention		
Design & Technical Development Workshop - 15 days	480 artisans	344 artisans	136 artisans to be trained
Skill Development Training for Handicraft Artisans- 4 months	320 artisans	288 artisans	32 artisans to be trained
Integrated Design & Technical Development Programme- 6 months	400 artisans	315 artisans	85 artisans to be trained
Organizing Seminar and Symposium	1 State level Seminar		
Institution Bu	iilding		
	Formation of Artisan owned producer organization	20 Producer Groups formed till date, 19 groups have started commercial production.	After the construction of CFC at 6 locations, Society will be formed.
Marketing Int	terventions		
Organizing Exhibitions & participations in Fairs	4 exhibitions(2 outside the state & 2 within the state)	2 exhibitions outside the state. Participation in State level SARAS Fair, Industry Fair. Participation in IITF-	Artisans members have participated in fairs &



		New Delhi, Kerala Bamboo Fest, 2013, 2014 & 2015.	exhibitions
Publicity through printing and electronic media	Printing of Catalogues, Brochures, Folders, Craft Maps, Craft Directory,B2B e- portal, CD Rom, Video Film ,Printing of Books on Craft, advertisement through posters	Marketing tie up with NEHHDC, THHDC, Mother Earth, Giskaa. B2B marketing through eBay, Flipcart, Snapdeal, realshoppee.com, Indiamart.com, tradeindia.com.Indiatradezo ne.com. Revamping of TBM Portal with payment gateway facilitating direct online selling. Printing of Tripura Directory, Catalogues, Craft Maps. Video Documentary prepared	
Exposure Cum Study Tour	Exposure Visit Outside the State- 20 artisans	20 artisans participated in Study Cum Exposure Visit at Industree Crafts Foundation, Bangalore	
Enterprise Development Programmes	2 training Programme	2 training Programme	At TBM resource centre
Financial Inte	ervention		
Margin Money Support	650artisans	4 artisans at Mungiakami, 17 artisans at Durlavnarayan, 30 artisans at Salema , 11 artisans at Gandhigram	After the construction of CFCs, the margin money will transferred to the groups to use it as their working capital
Wage compensation to Cluster Manager	Wage of 6 cluster managers	6 cluster managers deputed	
	ic Infrastructure		
CFC Building	CFC at 6 locations	Construction of CFC at Narsingarh Completed and are operational	Construction of CFC at Salema & Khas Chowmuhani under progress

List of Groups with details

Sl. No	Name of the Group	Cluster	Total Member	Contact Person	Mobile No
1	Juri Craft Prodcer Group	Dharmanagar	5	Priyabrata Chakraborty	9774914276
2	Bhairabthali Craft Producer Group	Dharmanagar	10	Priyabrata Chakraborty	9774914276



Sl. No	Name of the Group	Cluster	Total Member	Contact Person	Mobile No
3	Shibsokti Craft Producer Group	Dharmanagar	14	Priyabrata Chakraborty	9774914276
4	Dhalai Craft Producer Group	Salema	30	Liton Das	9436532209
5	Bamanchara NandaKishorepara Craft Producer Group	Salema	20	Liton Das	9436532209
6	Nakful Craft Producer Group	Salema	15	Liton Das	9436532209
7	Rangitilla Craft Producer Group	Mungiakami, Teliamura	7	Abhijit Sutradhar	9089555486
8	Lok Nath Craft Producer Group	Mungiakami, Teliamura	12	Abhijit Sutradhar	9089555486
9	Unnati Craft Producer Group	Mungiakami, Teliamura	17	Abhijit Sutradhar	9089555486
10	Om Craft Producer Group	Mungiakami, Teliamura	24	Abhijit Sutradhar	9089555486
11	Malancha Craft Producer Group	Gandhigram Cluster	11	Jayanta Kr. Deb	9862479707
12	Nutanpalli Craft Producer Group	Gandhigram Cluster	10	Jayanta Kr. Deb	9862479707
13	Ujjayanta Craft Producer Group	Gandhigram Cluster	16	Jayanta Kr. Deb	9862479707
14	Meitei Bamboo Furniture Group	Gandhigram Cluster	7	Kirat Debbarma	8732829122
15	Sanchay Craft Producer Group	Durlavnarayan. Nalchar	12	Ganesh Nama	9077122159
16	Surabi Craft Producer Group	Durlavnarayan. Nalchar	9	Ganesh Nama	9077122159
17	Uday Craft Producer Group	Durlavnarayan. Nalchar	14	Ganesh Nama	9077122159
18	Mahamaya Craft Producer Group	Durlavnarayan, Nalchar	12	Ganesh Nama	9077122159
19	Matabari Bamboo Craft Producer Group 1	Matabari	16	Prasun Deb	9774086575
20	Matabari Bamboo Craft Producer Group 2	Matabari	20	Prasun Deb	9774086575

Detail of Activity during January to March, 2016:

> 20(Twenty) groups have been formed in different locations of Tripura with an objectives of making the group self sustainable with regular commercial production



- of bamboo handicrafts, savings by the group members, regular group meeting, maintenance of proper books of records etc.
- > The groups are linked with the local buyers in order to ensure regular buy back linkage. TBM trade facilitation cell is also supporting the groups in marketing of their products.
- During the quarter, a new group formed at Dharmanagar Cluster by involving 14 members of the cluster. A group have been formed in the name of 'Shibshokti Craft Producer Group'. A separate account has been formed in the name of the group where all the group related transactions are done. The group is active with regular savings, group meetings, production and other group related activities.
- During the quarter 6 artisans from 'Bhairabthali Craft Producer Group', Dharmanagar Cluster has been involved in Skill Development Training for Handicraft Artisans for duration of 4 months from 18-03-2016 to 18-07-2016. The artisans of the group were given training on weaving of different designs of bamboo and cane furniture.
- ➤ 12 artisans from 'Loknath Craft Producer Group', Mungiakami Cluster completed Skill Development training for handicraft artisans during the quarter. During the training the artisans of the group were trained on different new designs of bamboo pasting and decorative products.
- > 7 artisans from 'Rangitilla Craft Producer Group', Mungiakami Cluster completed Skill Development Training for Handicraft Artisans for duration of 4 months. During the training the artisans were trained on weaving different designs of turning products which have high demand in the market. After the training programme the artisans of the group are regularly involved in the production activities at the centre and are earning their livelihood through these activities.
- > During the quarter 24 artisans from 'OM Craft Producer Group', Mungiakami Cluster completed Skill Development Training for Handicraft Artisans for duration of 4 months. The artisans were trained on different new designs of decorative, home utility products which may have high demand in the market.
- During the quarter 16 artisans from 'Matabari Bamboo Craft Producer Group 1', Matabari Cluster completed Skill Development Training for Handicraft Artisans for duration of 4 months. The artisans were trained on weaving bamboo panel with proper finishing which have high demand in the market. After the training the artisans are regularly involved in the production of bamboo panel and are earning their livelihood through these activities.
- ➤ 14 members from 'Sanchay Craft Producer Group' under Khas Chowmuhani, Nalchar Cluster Completed Integrated Design & Technical Development Workshop for duration of 6 months during the quarter. The artisans were trained on different new designs of bamboo basketry with proper treatment and dyeing procedure.
- > During the quarter 12 members from 'Uday Craft Producer Group' have been involved in Integrated Design & Technical Development Workshop for duration of 6 months. The artisans will be trained on proper treatment and dyeing of bamboo, proper weaving and finishing of products, group management etc.
- ➤ Construction of CFC at Narsingarh, Gandhigram Cluster Completed and are operational at present. Construction activities of Salema and Khas Chowmuhani Cluster are under progress.



Status of Construction of Common facility centre

Sl.	Name of Cluster	Location of CFC	Built up area	Status
No.			_	
1	Gandhigram- Narsingarh	Narsingarh GP	1500 sq. ft.	Completed
2	Salema	Bamancherra GP	1500 sq. ft.	Under
			_	construction
3	Nalchar- Durlabhnarayan	Khas Chowmuhani GP	1500 sq. ft.	Under
				construction





Construction of Common Facility Centre at Gandhigram-Narsingarh Cluster



Construction of Common Facility Centre at Khas Chow, Nalchar Cluster



Construction of Common Facility Centre at Salema Cluster



3.2. Status of Producer Groups

Dharmanagar Cluster

During the quarter 6 artisans from Bhairabthali Craft Producer Group were involved in the Skill Development Training for Handicraft artisans for duration of 4 months from 18-03-2016 to 18-07-2016. The artisans of the group will be trained on different designs of bamboo and cane furniture with proper finishing of the products. The members of the group are regularly involved in the savings, maintaining record books, group meetings and other group related activities. The artisans will also be trained on group management activities. 4 artisans from the group were taken to 'Amulya Cane Industries' for exposure visit. They gathered knowledge regarding the production process, manpower distribution, proper weaving pattern, finishing of the products, proper packaging etc. They also gathered knowledge regarding the products which have high demand in the market.

A new group has been formed namely 'Shibsokti Craft Producer Group' by involving 14 artisans from the cluster. A separate account has been formed in the name of the group where all the group related transaction will be done. The artisans were given training on group management, maintaining record books etc. Some of the artisans of the group have a basic skill of making bamboo & cane furniture. The artisans of the group were taken to 'Amulya Cane Industries' for exposure visit. They gathered knowledge regarding the production process, manpower distribution, proper weaving pattern, finishing of the products, proper packaging etc. The artisans of the group will be involved in the production of bamboo and cane furniture.

The artisan of the 'Juri Craft Producer group' has undertaken the production of Cane Sofa Set during the quarter. The group is functional with regular saving, meetings, production activities and other group related activities.













 ${\it Production\ of\ Bamboo\ \&\ Cane\ Products\ at\ Dharmanagar\ Cluster}$



Formation of New Group 'Shibshokti Craft Producer Group' at Dharmanaaar Cluster



Exposure Visit of the artisans of Dharmanagar Cluster to Amulya Cane Industries, Dharmanagar

Salema Cluster

During the quarter 20 artisans from 'Bamanchara Nandakishorepara Craft Producer group' have been involved in the production of bamboo basketry and lamp shades. The group is active with regular savings, group meeting and other group related activities. A trainer has been engaged during the quarter to train the artisans on weaving of bamboo lamp shades and finishing of the products. The group has been linked with a local buyer to ensure regular marketing linkage and livelihood generation of the members of the group. The artisans of the group are earning their livelihood through these activities.

15 artisans from 'Nakfull Craft Producer group' have been involved in the production of bamboo basketry during the quarter. The artisans of the group were trained on the basic weaving pattern of making bamboo basketry products, proper treatment and dyeing procedure etc. The group is functional with regular group meeting, savings, maintaining book of records, production and other group related activities. The group has been linked with a local buyer to ensure regular marketing linkages.

During the quarter the members of the '**Dhalai Craft Producer Group**' are engaged in the production of Bamboo Basketry. The group is functional with regular production activity, group meetings, savings, maintaining record books and other group related activities. The artisans are focusing mainly on the finishing of the products in order to capture high yield market by minimizing the wastage of raw materials. The artisans are actively involved in the production activity and earning their livelihood through these activities.









Meeting with the group members at Salema Cluster in presence of Gram Panchayat Pradhan











Production of Bamboo Lamp Shades & Bamboo Basketry at Salema Cluster

Mungiakami- Teliamura Cluster

During the quarter 7 artisans from 'Rangitilla Craft Producer Group' have been involved in the production of bamboo turning products like flower vase, pen stand etc. The artisans were trained on Skill up gradation on bamboo turning products, proper treatment of bamboo, proper lacquering, proper cutting system for making designs, proper techniques of handling the machineries, proper finishing, packaging etc. The group is functional with regular group meetings, savings and other group related activities. The group has a separate account where all the group related transactions are done. The group has been linked with the local buyer to ensure market linkages. TBM supported in marketing of the products that attracted buyers from within and outside the state. At present the members of the group are regularly involved in the production activities at the centre and are earning their livelihood through these activities.

During the quarter 24 members of 'Om Craft Producer Group' have been involved in the production of bamboo decorative products. The artisans of the group were trained on proper treatment procedure, weaving pattern of decorative items, proper handling and utilization of tools, safety measures, minimum wastage of raw materials, proper finishing and packaging of products etc. After the training programme the artisans are regularly involved in the production activities at the centre. The artisans are now aware of

maintaining the quality of the products to catch hold the market. The artisans were also trained on the group management activities. The group related transactions are done in the account formed in the name of the group. Local buyers have been linked with the group to ensure regular market linkages. Simanta Handicraft Products Private Ltd, promoted by Tripura Bamboo Mission have been formed with an objectives of supporting the group by providing regular market linkages.

During the quarter 12 members from 'Loknath Craft Producer Group' have been regularly involved in the production of bamboo Chatai (mat). The group is functional with regular production activities, maintaining book of records, regular group meetings, savings and other group related activities. The members of the group are now aware that to catch old the high yield market main focus should be on quality of the products. A local trader has been involved with the group to ensure market linkages. All the group related transactions are done in the separate account formed in the name of the group. The members of the group are earning their livelihood through these activities.

17 members from 'Unnati Craft Producer Group' are actively involved in the production of bamboo based decorative products in the centre. All the members of the group are women who are earning their livelihood through bamboo based activities. The artisans of the group mainly focus on the quality and finishing of the products. A skill grading test have been done by involving the artisans of the group to analyses the skill level of the artisans , the artisans have been graded based on the skill performance. The women artisans regularly update the record books of the group, savings, regular group meetings etc. A local buyer has been linked with the group to ensure market linkages. The group is functional with regular group meetings, savings and other group related activities.







Production of Bamboo based products at Mungiakami, Teliamura Cluster

Gandhigram-Agartala Cluster

During the quarter 4 new members have been involved in 'Ujjayanta Craft Producer Group'. At present 18 members of the group are actively involved in the production activities and are earning their livelihood through these activities. The artisans were trained on different new designs of bamboo mat based products maintaining proper finishing of the products. The group is active with regular meetings, savings, maintaining book of records, production activity and other group related activities. TBM has supported in the marketing of the products of the group. All the group related transactions are done in the separate account formed in the name of the group. The group is functional with regular meetings, savings and other group related activities.



During the quarter 10 artisans of 'Nutanpalli Craft Producer Group' have been actively involved in the production of mat based value added products. The artisans were trained on proper stitching procedure, maintaining proper dimension of products, handling of stitching machineries and tools etc. The group members were also trained on maintaining book of records, group activities etc. The group members are actively involved in the production activities and are earning their livelihood through these activities. The group is functional with regular meetings, savings and other group related activities. Local traders have been linked with the group to ensure regular market linkages. TBM also supported the group in market linkages within and outside the State.

The members of 'Meitei Bamboo Furniture Group' have been actively involved in the bamboo Furniture making during the quarter. 7 artisans are actively involved in the production activities at the Centre. The artisans of the group have been trained on proper techniques of making bamboo chairs and tools, proper finishing and packaging of products. A separate account has been formed in the name of the group where the entire group related transactions are done. TBM supported in marketing the products from within and outside the state. The members of the group are earning their livelihood through these activities.











Tripura Bamboo Mission- Quarterly Progress Report, January-March, 2016



















Production of Bamboo Mat based Utility products by the artisans of Gandhigram Cluster





Production of Bamboo Furniture at Gandhigram Cluster

Durlavnarayan- Nalchar Cluster

During the quarter 14 members of 'Sanchay Craft Producer Group' have been actively involved in the production of bamboo basketry. The group is functional with regular savings, group meetings and other group related activities. The members of the group were trained on proper treatment and dyeing procedure, weaving new designs of bamboo basketry products maintaining proper finishing of the products. The group members are women and are maintaining the record books of the group, production activities and other group related activities. The members of the group were also trained on group management which involves record keeping, dos and don'ts of group, responsibilities of group leaders, members etc. The members are regularly involved in the production activities and are earning their livelihood through these activities. The local entrepreneur has been linked with the group to ensure regular market linkages. Moreover 'Simanta Handicraft Products Pvt. Ltd', promoted by Tripura Bamboo Mission has been formed to support the group by providing regular market linkages.

10 artisans from 'Surabi Craft Producer Group' have been involved in the production of bamboo basketry during the quarter. The members of the group were trained on proper treatment and dyeing procedure of bamboo, weaving different new designs of bamboo basketry, proper finishing of the products etc. The group if functional with regular savings, group meetings and other group related activities. The local buyer is linked with the group to ensure regular market linkages. TBM is also supporting the group by providing market linkages within and outside the state.

During the quarter 12 members from 'Uday Craft Producer Group' have been involved in the Integrated Design & Technical Development Workshop for duration of 6 months from 01-03-2016 to 01-09-2016. During the training period the artisans will be trained on weaving different new designs of bamboo basketry and bamboo mat (*Chatai*), importance will be given on the maintaining the quality and finishing of the products, proper treatment and dyeing procedure. The members of the group are women and are actively involved in the group activities like maintaining record books of the group, production activities etc. The members of the group also deal with the local buyer and make agreement with the buyer regarding product quality, cost, delivery date etc. Tripura Bamboo Mission also supports the group by providing market linkages within and outside the state.

12 members from 'Mahamaya Craft Producer Group' have been actively involved in the production of bamboo basketry products during the quarter. After the training programme the artisans are regularly involved in the production activities at the centre. The members of the group were trained on the different new designs of bamboo basketry products which have a high value in the market. The group has been linked with the local buyer to ensure regular market linkages. Tripura Bamboo Mission has also provided the technological support by providing various locally used cutting tools and machineries to the members of the group. Tripura Bamboo Mission is also supporting the group by providing marketing support within and outside the state. The members of the groups are regularly maintain the record books, doing savings and meeting of the group and other group related activities. A separate account has been formed in the name of the group where all the group related transactions are done.



Group Meeting of the members of the Khas Chowmuhani, Durlavnarayan Cluster











Production of Bamboo Basketry at Khas Chowmuhani, Durlavnarayan Cluster



Matabari-Udaipur

During the quarter 16 artisans of the 'Matabari Bamboo Craft Producer group 1' have been involved in the production of bamboo panel. The artisans were trained on proper treatment procedure, weaving different new designs of bamboo panel, making designs, proper finishing and packaging of the products. The group is functional with regular saving, group meeting, maintaining record books and other group related activities. Local entrepreneur has been linked with the group to ensure regular marketing linkages. TBM is also supporting the group in marketing of products within and outside the state. Some new samples are also been produced during the quarter and are ready for market testing.

20 members from 'Matabari Bamboo Craft Producer Group 2' have been actively involved in the production of bamboo panel during the quarter. The members of the group are women and are earning their livelihood through bamboo based activities. The group is functional with regular meetings, savings, maintaining book of records, production activities and other group related activities. All the group related transactions are done in the separate account formed in the name of the group. A local entrepreneur has been linked with the group to ensure regular market linkages to the group.







Production of Bamboo Panel at Matabari Cluster



Prototype developed for market testing by the artisans of Matabari Cluster

Baikhora

Natural Weaves & Craft is the major producer of bamboo mat & sheetal pati based utility products in the cluster. There are 12 member artisans who are actively engaged in production activities and earning their livelihood. The products are marketed mostly outside the state. While the main value addition is done by the producer society's CFC at East Charakbai village, there are at least 200 artisans linked to the cluster who supply bamboo mat & sheetal pati. The producer has established themselves as a recognized supplier of products in different parts of the country. TBM is supporting them by facilitating market linkages, getting orders as well as streamlining their production for enhanced quality & quality. The group is planning to expand its production base by engaging more artisans and facilitating credit linkages for working capital.











Production of Bamboo Mat based bags, folder etc by the artisans of Baikhora Cluster

Kaladhepa

During the quarter 18 artisans actively involved in the production activities at Kaladhepa Centre. Kaladhepa is an emerging cluster of bamboo mat based utility handicraft production in the state. The main producer group is the Gairing Society, formed by the local craft persons of Kaladhepa village under Manubazar R. D. Block. The CFC at Kaladhepa is the main centre for value addition in the cluster and is managed by the Gairing Society. After initial hurdles, the society has started commercial production of bamboo handicraft. The main product categories are, bamboo mat (woven on handlooms), Bags, accessories & home utilities made using mat by stitching, pasting, cutting techniques. TBM is supporting the society in getting bulk orders throughout the year.









Production of Bamboo Mat based products at Gairining Society, Kaladhepa Cluster

TBM Resource Centre

Bamboo Craft Skill Resource Centre has been set up at Shed No. 3, A. D. Nagar Industrial Estate, Agartala. The producers located at different parts Tripura need a central facility for managing raw material & finished product flow, demonstration of techniques, quality testing lab for different materials, warehousing, hands-on-training so that. Apart from being a support centre, it is a model demonstration centre for handicraft & agarbatti. Considering a state level private limited company is being formed by the producers, the proposed Resource Centre is essential to manage the entire operation centrally.

Facilities to be available at TBM Resource Centre for SHGs, Producer Societies, Enterprises, NGO s etc. are,



- ➤ Product Development: Stitching, Cutting, Pasting & Weaving based Bamboo Handicraft
- Demonstration & Testing Facility: Raw Agarbatti, Agarbatti Perfuming, Quality Testing
- Raw Material Bank: Dye, Treatment materials, essential material for bags & accessories, Fragrance, Agarbatti packaging material, Spares
- > Training & Exposure: Demonstration & Hands-on-training for artisans, NGOs, Entrepreneurs, SHGs
- > Warehouse: Finished Goods (Handicraft & Agarbatti) inventory, central supply chain management
- ➤ Enterprise Development programme was organized by involving the artisans from different producer groups involved in the production of Bamboo handicraft products like bamboo mat based products , basketry, furniture, turning products etc and agarbatti stick and raw agarbatti producing artisans .













Production activities at TBM Craft Skill Resource Centre - A.D Nagar

Training on Lathe Machine Operation:-

A Training Programme on Bamboo Turning Product was organized at TBM Craft Skill Resource Centre, A.D Nagar from 16th February to 16th March, 2016 by involving 5 artisans at the Centre. During the training period the artisan were trained on handling and operating lathe machine, different safety measure, weaving pattern, quality maintenance etc.





3.3. Design Intervention

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.

The activities of design Cell are as follows:-



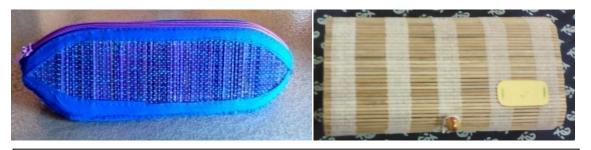
A glimpse of new products developed by TBM Craft Skill Resource Centre, A. D. Nagar, which have been produced during the quarter in the clusters, is given below:-







Mat based Jewellery Box



Bamboo Mat Based Pouch



Mat & Sheetal Pati based Cushion



Bamboo basketry Products





Bamboo Lamp shades & Bamboo Hanger

3.4. Marketing & Trade Facilitation

From October to December, 2015 major marketing interventions by Tripura Bamboo Mission are as follows.

Key products marketed –

- Mat based Utility Bags
- Baskets with handle
- Hand fan
- Table Mat
- Jewelry Box
- Gift box & pouches
- Bamboo briefcase
- Jhola bags (multi-utility low cost bag)
- Traveling Pouch
- Low cost Conference bags
- Sheetal pati File Folder
- File Cover
- Various types of hand bags & purses

Major Buyers

- Innership Lifestyle, Mumbai
- Neeraja Reddy, Hyderabad
- Shivani Organic, Bengaluru
- International Buddhist Confederation, New Delhi
- North East Handloom, Handicrafts Development Corporation Ltd. (NEHHDC Ltd.) www.nehhdc.com



Simanta Handicraft Products Pvt. Ltd. is now operational and provides marketing support to producer group located across the state.

4. PROGRESS ACHIEVED IN RESOURCE GENERATION SECTOR

Bamboo Plantation in the Bamboo Park at Bodhjung Nagar implemented by TBM-IL& FS Clusters with funding support of Tripura Industrial Development Corporation

Activity	Scope
Bamboo Plantation in 2 plots covering	Four important commercial species of bamboo namely
13 Ha (Opposite to Mutha Group of	Mirtinga (B. Tulda)
Industries -(5 Ha) & Back side of	Rupai (B. Longispatis)
Mutha Group of Industries -(8 Ha)	Barak (B. Balccoa)
_	Muli (Melocanna Beccifera)

Location: Bamboo Park at Bodhjung Nagar, Agartala, Tripura West

Achievement: Bamboo Plantation has been done at Bamboo Park, Bodhjung Nagar in two plots covering 13 Ha (opposite to Mutha Group of Industries -5 Ha & Back side of Mutha Group of Industries -8 Ha). Important commercial bamboo species planted with scientific method both through seeds and poly bag plantation method. The details are given below:-

	Name of	Type of	Spacing	No of	Area
	Bamboo	Bamboo		plants	covered
	Plantlets	Plantlets			(Ha)
Plot No-1	2.2				
TIOU TO I	B. Balcooa	Tissue	2 mtr X 4	2000 Nos	1.6
Opposite to		culture	mtr		
Mutha	D 1 ' ''	G 11'		NT	. 0
Group of	B. longispatis	Seedling	2 mtr X 4	2250 Nos	1.8
Industries			mtr		
industries	B. Tulda	Seedling	2 mtr X 4	1250 Nos	1
	D. Tulua	Seeding	mtr	1250 1108	1
			111(1		
	M. Beccifera	Seeds	1 mtr X 2 mtr	3000 Nos	0.6
				_	
		Total		8500 Nos	5 Ha

	Name of	Type of	Spacing	No of	Area
	Bamboo	Bamboo		plants	covered
	Plantlets	Plantlets			(Ha)
DI LAT -					
Plot No-2	B. Balcooa	Tissue	2 mtr X 4	3875 Nos	3.1
Back side of		culture	mtr		
Mutha Group of	B. longispatis	Seedling	2 mtr X 4	2625 Nos	2.1
Industries			mtr	-	



B. Tulda	Seedling	2 mtr X 4 mtr	2000 Nos	1.6
M. Beccifera	Seeds	1 mtr X 2 mtr	6000 Nos	1.2
	Total		8500 Nos	8 На

Engaging of SHG's

Two SHG's were engaged for bamboo plantation namely Pragati SHG and Sristi SHG.

- ➤ Pragati Self Helf Group, Gandhigram, Subash Nagar, West Tripura District, has vast experience in managing bamboo nursery since last two years. This SHG is represented by its president Mr. Sajal Sarkar involved in nursery preparation, Tissue Culture bamboo plantation hardening, plantation of bamboo etc under the direct supervision of Forest Research Office, Gandhigram. The SHG was engaged for the work in Bamboo park. Plot No 1 of its vast experience.
- ➤ Sristi Self Helf Group, R.K Nagar, West Tripura District, represented by its president Mr. Bikash Majumder involved in number of nursery and plantation activities in and around RK Nagar since last three years. It has developed bamboo plantation at Rubber Park and is managing the same. The plot no 2, back of Mutha Industry at Bamboo Park was developed by Sristi SHG.

4.1. Process undertaken during plantation:

Choice of species:

TBM planted four important bamboo spices namely *Bambusa balcooa*, *Bambusa longispatis*, *Bambusa tulda and Melocanna beccifera* in the selected plots to demonstrate the production and productivity of the commercial bamboo plantation in the bamboo industrial park. TBM planted TC b balcooa, seedling poly bags of *Bambusa longispatis*, *Bambusa tulda* and direct seed plantation of *Melocanna beccifera*.

Type of Planting Material:

Healthy Polybag seedlings not less than 2 feet with at least 3 shoots and healthy root were used for plantation.

Selection of land:

As suggested by TIDC officials, the valley and slope, not suitable for setting of industry was selected for bamboo plantation.

Preparation of land for plantation

First of all clean the selected plot, free from weeds, Jungle etc. All these dry stubbles burned at the plots. The highly undulated land was leveled and cleaned by using JCB machine for better look and management of the garden in the latter stage.

Lay out & Spacing:



Contour lining were done in slope areas. The planting density were 1250 plants per ha in the case of *Bambusa tulda*, *Bambusa longispathus*, *bambusa balcooa* and for *the Melocanna baccifera* 4000 plants. The distance between the lines is 4 meters and distance between the plants in a line is 2 meters.

Pitting and Refilling

The sizes of the pit were 60cm x60cm x 60 cm (2 x 2 x 2 feet). While digging, the topsoil was kept on one side and the subsoil on another side. Filling was done with the top fertile soil as far as possible.

Fencing

Fencing was made using bamboo and plastic net for protecting cattle grazing. This fencing was the additional fencing to the existing barbed fencing around bamboo park which was broken at many places by the local people for grazing the cattle in the industrial campus. The broken barbed fencing was also repaired by TBM many times at three locations.

Three round of meeting was organized with the community, in presence of the local public representatives and the General Manager of TIDC seeking their cooperation in developing this bamboo garden around the bamboo industrial park. The managing SHG, Sristi, also officially lodged complain at the local police station regarding continues breaking of fencing and stealing of plastic nets around the bamboo garden and uncontrolled grazing of cattle by the local community.

Engaging persons for watch & ward duty

After failing on all the measures, TBM in consultation with Asst Engineer of TIDC decided to engage five watch and ward man at all the plots including the plot at rubber park. The local person from the RK nagar who were engaged by the SHGs is given in the table below:

Name	Father's Name	Location	Duty Time	Contact No
Ratan Debbarma	Bharat Debbarma	Bamboo Park	6 a.m- 2 p. m	9774035859
Jatindra Debbarma	Bhuban Debbarma	Bamboo Park	11 a.m- 7 p. m	9612158915
Bimal Debbarma	Sukurai Debbarma	Bamboo Park	6 a.m- 2 p. m	8974604914
Subudh Debbarma	Suman Debbarma	Bamboo Park	11 a.m- 7 p. m	8414976170
Agni Sarkar	Dhirendra Sarkar	Rubber Park	9 am – 5 pm	

By engaging the above persons, we could control the grazing of cattle to extents but the local communities leave the cattle during the night time in the absence of the watch and



ward staff. The plastic net fencing was stolen number of times, though TBM replaces it on continue basis.

Irrigation facility

The bamboo planted by TBM is now protected but the growth has hampered because of continues grazing during the initial time of plantation. TBM requested TIDC to provide water points in 2/3 locations so that the plants can be irrigated during this dry period and growth can be enhanced to some extent.

4.2. High Density Bamboo Plantation (HDBP) at West Tripura & Sepahijala District

During the quarter Tripura Bamboo Mission have actively worked in five RD blocks of Sepahijala distric t& West Tripura District . The R.D Blocks are namely: Charilam, Nalchar, Mohanbhog under Sepahijala District and Mohanpur & Hezamara under West Tripura District.

Progress achieved from January to March, 2016:

- A mobilization Camp was organized by Tripura Bamboo Mission on High Density Bamboo Plantation (HDBP) in different GP/ADC Villages under MGNREGA at Mohanpur & Hezamara Block, West Tripura on 17th March, 2016.
- ➤ During the quarter an Exposure Visit Programme was organized on 12th March,2016 by involving the 3 Gram Panchayats including all the ADC villages of Charilam R.D Block. Gram Panchayat Pradhans & village chairmen of Charilam R.D Block visited model bamboo plantation of Hezamara & Mohanpur R.D Block to view the successful bamboo plantation and its value addition.
- ➤ An Exposure visit programme for Village Chairmen and interested persons of Mohanbhog R.D.Block, Sepahijala was organised by TBM on 25th March, 2016 to model high density bamboo plantations at Hezamara & Mohanpur R.D Block, West Tripura to view the successful bamboo plantation and its value addition.
- ➤ Programme on Implementation of High Density Bamboo Plantation was organized on 30th March, 2016 under the Convergence of Tripura Bamboo Mission & MGNREGA with the Technical Supervision Committee & Monitoring Committee in the presence of Block Chairman & Block Development Officer at Hezamara R.D Block, West Tripura.
- > TBM has initiated to take 80 ha of land covering around 120 beneficiaries in the six ADC village and one gram panchayat under Mohanbhog R.D Block, Sepahijala District namely: South Taibandal, North Taibandal, Chandul, Anandpur, Dasaratahbari and Purba Chandigarh. Most of the beneficiaries are preferring to use



their RoFR allotted land for bamboo plantation. As B balcooa, Barak, bamboo has high demand followed by Mritinga and Rupai, so TBM is providing plantlets of the above species in the villages. This intervention is in the process of providing 28,720 MD of job in the seven ADC villages.

- To meet the planting material requirement for the plantation season 2017, TBM has procured Tissue Culture Planting material of B Balcooa, (Barak), and *Bambusa Tulda* (Mritinga) and are being hardening in the Chandigarh grampanchayat under Mohanbhog R.D Block through four local entrepreneurs. These planting materials will be multiplied through Vegetative Propagation during this year and will be made ready for the planting season 2017. In addition to the above two priority species, TC bamboo plantlets of two commercially important species for Tripura have also been procured namely *B cacharensis* (Betu/Bom/Betua) and D *asper* on experimental based in small volume. The total planting material that can be generated through this initiative is around 2,00,000 (Two lakhs) which will be sufficient for planting in more than 200 ha of area in the next planting season 2017. The project is supported by MGNREGA funding.
- ➤ Proposal has been submitted for 80 Ha Bamboo Plantation for 5 ADC villages and one Gram Panchayat under Mohanbhog R.D Block.

Snapshot of Activities:





Mobilization Camp on High Density Bamboo Plantation (HDBP) at Ishanpur Gram Panchayat under Mohanpur R.D Block, West Tripura on 17th March,2016











Mobilization Camp on High Density Bamboo Plantation (HDBP) at Bidyasagar Gram Panchayat under Mohanpur R.D Block , West Tripura on 17^{th} March, 2016







Mobilization Camp on High Density Bamboo Plantation (HDBP) at Meghliband ADC Village under Hezamara R.D Block , West Tripura on 17th March,2016





Mobilization Camp on High Density Bamboo Plantation (HDBP) at Bharat Chowdhury Para ADC Village under Hezamara R.D Block , West Tripura on 17th March,2016







Exposure Visit Programme by involving the 3 Gram Panchayats including all the ADC villages of Charilam R.D Block. to view the successful bamboo plantation and its value addition at Mohanpur & Hezamara R.D Block

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Exposure visit programme for Village Chairmen and interested persons of Mohanbhog R.D.Block, Sepahijala to model high density bamboo plantations at Hezamara & Mohanpur R.D Block, West Tripura







Programme on Implementation of High Density Bamboo Plantation was organized in the presence of Block Chairman & Block Development Officer at Hezamara R.D Block, West Tripura.

















Development of Bamboo Nursery at Purba Chandigarh GP, Mohanbhog R.D Block under the convergence of Tripura Bamboo Mission & MGNREGA

5. OTHER EVENTS

- ➤ TBM participated in 3 days Exhibition Cum Sales at Purbasha Complex, Agartala from 1st January to 3rd January, 2016.
- > Tripura Bamboo Mission participated in 26th Industry & Commerce Fair from 29th January to 10th February, 2016. Artisan supported by Tripura Bamboo Mission was made to participate in the stall to display and sale their products.
- ➤ Board Meeting of Simanta Handicraft Products Private Limited (SHPPL) was organised on 10th January and 6th March, 2016. The main agenda of the meeting was to discuss regarding the business plan of the company, financial status till date, marketing channels, producer groups linked etc and action plan.
- ➤ With the support from Tripura Bamboo Mission and Tripura Industrial Development Corporation, renowned Designer Mr. Sandip Sangaru started Bamboo Processing Unit at Tripura Bamboo Park.
- > Mr. M. Inderjith, ex production advisor, Hyundai Motor India Ltd. from Chennai visited different Handicraft Units of Tripura Bamboo Mission. He interacted with the artisans and gave valuable suggestion regarding production process. He was impressed by seeing that how the women artisans are working in a group and are earning their livelihood through bamboo based activities.
- ➤ Review Meeting of Tripura Bamboo Mission Chaired by the Mission Director, Shri V. George Jenner, IFS at Shilpodyog Bhawan on 30th March, 2016. Main agenda of the meeting was Progress achieved during the F.Y 2015-16 and Finalizing Action Plan for

F.Y 2016-17. Emphasis was given on promoting start up entrepreneurs, mobilizing new investors, establishing skill development centre at Bamboo Park, Targetted marketing of craft & furniture and high density bamboo plantation in selected districts/blocks.

Snapshot of Activities:



TBM participated in 3 days Exhibition Cum Sales at Purbasha Complex, Agartala from 1st January to 3rd January, 2016.



TBM participated in 26th Industry & Commerce Fair from 29th January to 10^{th} February, 2016



Board Meeting of Simanta Handicraft Products Private Limited (SHPPL) was organised on 10th January and 6th March, 2016







Mr. M. Inderjith, ex production advisor, Hyundai Motor India Ltd. from Chennai visited different bamboo based handicraft units and gave some valuable suggestion regarding the production process.





Review Meeting of Tripura Bamboo Mission by the Mission Director, Shri V. George Jenner, IFS

Annexure I-: Summary of Financial Progress Achieved as on 31st March, 2016

Project Name	Sanction Date	Releas e of first Instal ment	Implement ation started in	Fund Sanction ed, Rs. Lakh	Fund Received , Rs. Lakh	Fund Utilized, Rs. Lakh	UC Submitte d, Rs. Lakh
NEC- Handicraft: (3 years)	23 rd March, 2012	Novem ber, 2012	January, 2013	441.25	245.90	320.23	210.99
NEC- Incense (4 years)	3 rd October, 2013	24 th March, 2014	March, 2014	779.90	351.96	372.58	214.76
IGDC Tripura- Incense	27 th January, 2014	13 th May, 2014	May, 2014	24.67	24.67	24.67	24.67
Tripura JICA- Handicraft	21 st January, 2015	23 rd Januar y, 2015 (to TBM)	-	18.77	9.09	9.09	9.09
NBM	16 th January, 2014	20 th Januar y, 2014	February,2 014	17.29	17.29	14.03	13.54
TIDC (Bamboo Park Fencing)	14 th August, 2015	7 th Septe mber, 2015	September, 2015	11.75	11.75	11.75	-
Total	1			1293.63	660.66	752.35	473.05



Annexure II: Progress Achieved vis-à-vis Annual Action Plan 2015-16 Progress Achieved till 31st March, 2016 against action plan proposed for FY 2015-16

	A dividire to be an almost a	Target	Achievement
	Activities to be undertaken		
1	Incense- Bamboo Stick Community managed production units to be	15	2 (Kalibazar , Kumarghat)
1.1	established	15	
1.2	No. of persons to be trained	600	60
1.3	No. of improvised stick making tools to be installed & operationalized	300	1 bamboo polishing machine installed at Bagmara
2	Incense- Raw & Finished Agarbatti		
2.1	Community managed production units to be established	25	15
2.2	No. of persons to be trained	1000	383 (North Ganganagar, Algapur, Emrapassa, Kulai, Teliamura, Amtali, Modhupur, Konabon)
2.3	No. of agarbatti making machines to be installed & operationalized	500	200 installed
3	Handicraft & furniture		
3.1	Community managed production units to be established	20	20 (Nalchar-2, Kalibazar-1, Dharmanagar-1, Mungiakami- 4, Matabari-2, Salema-3, Durlavnarayan-4, Gandhigram-3)
3.2	No. of persons to be trained	1200	947 (Dharmanagar, Mungiakami, Gandhigram,Durlavnarayan,Mata bari,Salema,Kaladhepa,)
3.3	Cluster level CFCs to be established	6	Construction of 1 CFC Completed & 2 CFC under progress.
4	Marketing & Trade Facilitation		
4.1	Operationalization of Producer Company		Simanta Handicraft Products Pvt. Ltd started business operation
4.0	Engagement of Strategic Marketing Partner		Market Study done with MART. Final report to be submitted soon
4.2	Organizing Buyer Seller Meet	2	1
	New Initiatives/ Projects		
5.1	Project for strengthening of bamboo mat based cluster under SFURTI- Rs. 279 lakh Proposal for placement linked and self employed training program in Bamboo Plantation and value addition under Ministry		Field verification Completed by KVIC DPR Submitted; awaiting for approval
5.2	of DoNER- Rs. 250-300 lakh		

