

*Report on*  
*First Concurrent Evaluation of*  
*Projects under NAP Scheme*  
*Being implemented through*  
*Forest Development Agency (FDA),*  
*Telimura (Jhum), West Tripura,*  
*Tripura State*  
*(North Eastern Region), India*



Evaluation undertaken by

*Natural Resources India Foundation*  
*(NRIF)*





No: NRIF: RC-NAEB: FCEof NAP/FDA-Teliamura (Jhum) Tripura : 2008-09: 2896

Dated: 2<sup>nd</sup> July 2008

To: Mr. Ashok Kumar,  
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Ministry of Environment & Forests,  
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Dear Sir,

Ref.: NAEB order No.: 8-1 / 2008-B-I, dated 31<sup>st</sup> April 2008,

**Sub: First Evaluation of Projects under National Afforestation Programme (NAP) Scheme being implemented through FDA Teliamura (Jhum) Tripura.**

This is in continuation of our letter of even number dated 10<sup>th</sup> April 2008, on the above-cited subject.

Subsequently, the evaluation study was undertaken between period from 28<sup>th</sup> May to 1st June 2008, as per the convenience of the Chief Executive Officer, DFO, Teliamura, & Staff of FDA.

We now have pleasure to enclose **five copies of the Report**, as per the format envisaged by the NAEB, MoEF, Gol. The Report, among other things, covers the Brief Executive Summary and the Five Chapters, as per below: -

- CHAPTER-1: INTRODUCTION
- CHAPTER-2: OBJECTIVES AND METHODOLOGY
- CHAPTER-3: QUANTATIVE ANALYSIS
- CHAPTER-4: JOINT FOREST MANAGEMENT
- CHAPTER-5: QUALITATIVE ANALYSIS

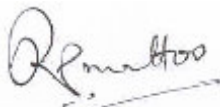
We are pleased to inform that the Teliamura forest division is indeed an excellent example of successful JFM. The project has been well conceived planned and implemented.

The best observation of the evaluators is that the attitude of the forest officials is commendable and they have not only fully absorbed the concept of JFM, but even been encouraging the stake holders for affective participation under the project. This could be an **excellent example of successful case study as its being implemented in a professional manner.**

Thanking the Ministry for its kind patronage and, we shall strive to deliver quality services as ever before.

Yours faithfully,

For **NATURAL RESOURCES INDIA FOUNDATION (NRIF)**



**R P MATTOO,**  
**EVALUATOR-CUM-FACILITATOR &**  
**P R E S I D E N T, NRIF**  
Encl.: As stated above

<p><b>NRIF</b> <b>DoB:</b> (18 / 01 / 2000) <b>PAN:</b> AAATN5485E <u>ITO Ward 25(3)</u></p>
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<i>Contents</i>	
○ <b>GRADING OF PROJECT ON SCALE OF 1 TO 10</b> .....	05
○ <b>Executive Summary</b> .....	07-09
<b>CHAPTER-1: INTRODUCTION</b> .....	11-26
○ General	
○ Objectives of the study	
○ Location	
○ Previous projects in the area	
○ Physical features	
○ Geology, Rocks and Soils	
○ Climate	
○ Forest Descriptions	
○ District-wise Forest cover	
○ Bio-diversity	
○ Degree of pressure on Forest Resources	
○ Forest Resources	
○ Shifting cultivation	
○ Status of Jhumbia	
○ Socio-economic Features	
<b>CHAPTER-2: OBJECTIVES AND METHODOLOGY</b> .....	27-31
○ Objectives	
○ Methodology	
○ Entry Point Activities	
○ Methodology for Growth Parameters Measurement	
○ Analysis	
<b>CHAPTER-3: QUANTATIVE ANALYSIS</b> .....	33-41
○ Project Title	
○ Teliamura FDA	
○ Project location	
○ Classification of Area covered / treated	
○ Adequacy of Planting materials	
○ People's participation & micro Plans	
○ Entry point Activity (EPA)	
<b>CHAPTER-4: JOINT FOREST MANAGEMENT</b> .....	43-45
○ General: JFM	
○ JFM Committee	
○ Micro-planning	
○ Training and Capacity Building	
○ Monitoring & Evaluation	
○ FDA Mechanism	
<b>CHAPTER-5: QUALITATIVE ANALYSIS</b> .....	47-53
○ Suitability of Site Selection	
○ Assessment of Quality of work	
○ Survival Rate	
○ Technology used in the project	
○ Increase in availability of biomass	
○ Quality of life of people	
○ Choice of species	
○ NTFP & Medicinal plants	
○ Awareness creation	

- Village community involvement
- Assets protection and maintenance
- Maintenance of records
- Project benefits
- Project reporting activities
- Suggestions for improvement by Implementing agency
- Suggestions for improvement by Evaluators

### ***Annexes***

- ***Annex-I:*** NAEB, MoE&F, GoI-Approval of Work Programme vide its No. MEF (NAEB):9-5/ 2006-B-IV dated 29<sup>th</sup> March, 2007. (*Page-1 to 4*).
- ***Annex-II:*** Location of Sites visited by Consultants during the Evaluation trip.
- ***Annex-III:*** Notification issued by Govt. of Tripura vide no. F.16 (184)/FOR-PLAN/99-2000/21864-98 dated 22.11.02
- ***Annex-IV:*** Watershed map of the FDA area.
- ***Annex-V:*** Details of Watersheds of the project and the area coverage
- ***Annex-VI:*** Resolution on JFM, issued by the Govt. Of Tripura

**GRADING OF PROJECT ON SCALE OF 1 TO 10**

**QUANTITATIVE ASPECT**

<b>PHYSICAL</b>	<b>9.2</b>
<b>FINANCIAL</b>	<b>10.0</b>

**QUALITY ASPECT**

<b>SURVIVAL</b>	<b>9.1</b>
<b>HEALTH OF PLANTATION</b>	<b>8.0</b>
<b>MAINTENANCE</b>	<b>6.0</b>
<b>SUSTAINABILITY</b>	<b>9.0</b>

**JFM**

<b>DEGREE OF PEOPLE'S PARTICIPATION</b>	<b>10.0</b>
<b>SATISFACTION OVER PERCEIVED BENEFITS BY THE LOCAL POPULATION</b>	<b>10.0</b>

**FDA MECHANISM**

<b>COMPOSITION OF GENERAL AND EXECUTIVE BODIES OF THE FDA</b>	<b>10.0</b>
<b>ROLE OF FDA IN ADMINISTRATIVE, SUPERVISORY AND MONITORING MECHANISM OF THE PROJECT</b>	<b>8.0</b>
<b>FLOW OF FUNDS FROM FDA TO JFMC</b>	<b>9.0</b>
<b>PLANNING, IMPLEMENTATION AND MAINTENANCE OF ASSETS DIRECTLY BY JFMC</b>	<b>9.0</b>
<b>MEASURES TAKEN FOR THE CAPACITY BUILDING OF JFMCs</b>	<b>7.0</b>

<b>OVERALL GRADING OF THE PROJECT</b>	<b>OUTSTANDING (8-10)</b>	<b>VERY GOOD (5-&lt;8)</b>	<b>GOOD (3- &lt;5)</b>	<b>POOR (&lt;3)</b>
	<b>OUTSTANDING</b>			

### ○ *Executive Summary*

- First Concurrent Evaluation of Projects under National Afforestation Programme (NAP) Scheme being implemented through Forest Development Agency (FDA), Telimura (Jhum), West Tripura, Tripura State (NER), was undertaken during the period from 28<sup>th</sup> May 2008 to 1<sup>st</sup> June 2008, as per the convenience of the Chief Executive Officer, DFO, Teliamura, & Staff of FDA.
- The Project is being implemented over a total area of 600 hectare of degraded Reserve Forest land (Jhum lands) at a total project cost of Rs.126.79 lakhs (Rupees One crore twenty six lakhs and seventy nine thousand) for the period from 2006-07 to 2011-12, vide NAEB, order no. MEF (NAEB):9-5/ 2006-B-IV dated 29<sup>th</sup> March, 2007. However, work could be undertaken only during 2007-08.
- The Teliamura FDA has made the plantation only on forest lands. The areas planted have mostly been part of larger catchments. The average size of plots undertaken for plantation ranges between 3 ha. to as high as 50 ha. Different models of plantation have been adopted as shown below:
  - Mixed plantation of trees having MFP and Medicinal values;
  - Aided Natural Regeneration
  - Pasture/ silvipasture development
  - Bamboo resources development programme
  - Regeneration/Cultivation of perennial herbs and shrubs of medicinal values
- The situation hence demanded for the site specific methodology. The evaluation has been conducted through a triangular approach as given below:
  - Secondary Research
  - Enumeration/RRA
  - Evaluator's Field Observation
- The project has been implemented in 6 forest ranges viz. Teliamura, Mongiakami, Kalyanpur, Champak Nagar, Padmabil and Khowai, thus covering 12 villages located within the jurisdiction of Teliamura Territorial Forest Division. However in the very first year the treatment has been made in 8 JFMCs. The Consultants have evaluated 5 sample villages constituting to about 63% of the villages covered.

- Till date 308 ha. of area have been brought under treatment. All the treatments have been made on forest lands normally used for Jhum cultivation in about 308 ha. of area brought under treatment.
- The strategy for JFM program has an important component in the form of entry point activities. This item has included creation of village level micro-enterprises for processing and value addition of bamboo, medicinal plants, sal leaf plate making, fruit processing micro-enterprises based on pineapple.
- All the 12 villages selected for project have also been covered by JFMCs.
- The sites selected differ in terms of their suitability. In terms of rehabilitation of the degraded jhum and forest lands the site selections have been excellent. Majority of the sites selected are either sodic /alkaline or partly fertile land with poor soil depth. Incidences of heavy occurrence of soil erosion are also visible particularly in the Teliamura and Kalyanpur Ranges. The jhum land with poor soil quality has also been brought under intervention. The evaluators did not find any site suitable for pastoral treatment since, no fodder grass was visible on any of the sites.
- The site preparations were found to be properly done. Cleaning of site and making it weeds free probably have not been undertaken. The pits were found to be in order as per local conditions. Almost all the sites were treated with contour trenches with direct sowing on them the trenching may be a natural phenomenon due the site being earlier a jhum land. This is the most successful aspect of the plantation since; survival on the contour trenches has been very high due to improved soil moisture regime.
- The planting materials used have been of good quality. The plants particularly Muli bamboo have attained excellent health. The project has been adequately successful in awareness creation among the people. The excellent staff-community interaction has further accelerated the community interest in the project and they were found to be highly motivated by the interventions anymore.
- The project is benefiting both the community and environment in multiple ways. The Jhum areas which were subjected to shifting cultivation have been brought under vegetation. This will not only reclaim the lost soil but also check the soil erosion. The vegetation will further have its own impact on environmental upgradation. The species selected are of income generation capabilities which will provide a sustainable income to the community. It has been creating short term employment to the people and hence is a livelihood support to them in an area where no employment opportunity exists. One of the most visible benefits of the project is empowerment of the women through formation



of self held groups and IGAs. The EPAs are selected in a way to provide maximum benefit to the land and the people.

○ **Suggestion for Improvement by Implementing Agency**

*In view of the officials*

- *It is the difficult task to implement FDA within prescribed framework.*
- *In their view, in tough terrain of Tripura, the budgetary sanctions for different components are on lower side and hence, the desired results within the given budgetary limits can not be achieved.*
- *Further to it, the sites are in interiors and require conveyance for regular monitoring.*
- *In view of this NAEB, MoEF should reconsider the component wise budgetary sanction and include staffs conveyance in the project sanction.*
- *Timely sanction is a must for the success of the project.*

○ **Suggestion for Improvement by Evaluators**

Teliamura forest division is indeed an excellent example of successful JFM. The project has been well conceived plan and implemented.

- *The only suggestion evaluators can extend that the FDA should take professional help for micro-plan preparation at least in the beginning.*
- *The second suggestion refers to the regular updating of the records.*
- *The best observation of the evaluators has been to assess attitude of the forest officials who have not only fully absorbed the concept of JFM, but even encouraging the stake holders for affective participation under the project.*
- *To conclude that **Teliamura, Jhum FDA is an excellent example of successful case study of its implementation in a professional manner.***