



Promoting Quality Timber Production in Smallholders and Community-based Teak and Other Valuable Species Plantations in the Tropics



Dr. R Yasodha

National Project Coordinator, ITTO-BMEL Teak Project PP-A/54-331A
ICFRE-Institute of Forest Genetics and Tree Breeding, Coimbatore, INDIA



Output 1: Training on Silvicultural practices and improved stand management conducted at 2 places in Tamil Nadu

One more to be taken up in Chhattisgarh

Output 1: Silvicultural practices and improved stand management of existing demonstration plots for teak and other valuable species



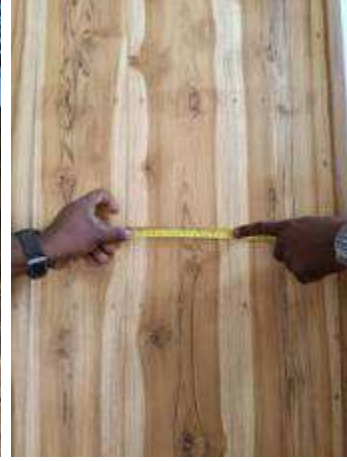
Field training on nursery techniques



Output 1: Supply chains of smallholders and community-based teak and other valuable species plantation and management systems have been strengthened with easy availability of high-quality planting stock and implementation of improved silviculture and timber processing practices

- Maintaining existing seed orchards/clonal plantations at Walayar (Kerala) and Salem (Tamil Nadu) – About 30 clones are being maintained as genetic resource.
- Improved management of the existing demonstration plots for teak and other valuable species – Identified existing demo plots in Tindivanam, Salem, Neyveli (Tamil Nadu) and Puducherry for management.
- Continuous availability of Quality Planting Stock is ensured through licensed commercial tissue culture labs.
- Wood quality assessment was undertaken in Panampally clonal plantation.
- In the existing Salem and Neyveli (Tamil Nadu) seed orchards, it is planned to assess the quality of fruit and seed production in the ensuing season.
- The project plans to establish additional demonstration plots for teak to be promoted by smallholder agroforestry systems for the sustainable supply of quality production of seedlings and timber, during late 2025. Potential smallholders have been identified.

Wood quality assessment conducted in clonal plantations and Products from Small Holder Teakwood



Products of TC teak



In the words of the carpenters....

- **SH and SR teakwood is equivalent to forest grown teak**
- **Sapwood is minimal**
- **Heartwood immediately takes the polishing needing no extra efforts**
- **Such wood of girth 52 cm and above can be used for furniture**

Output 2: Financing schemes for quality timber production in smallholders and community-based teak and other species plantations have been analyzed and improvements have been suggested to increase economic outcomes.

- Conducted Focused Group Discussions with saw mill owners /timber contractors along with farmers and other tree grower to facilitate procurement of smallholders' products.**





Output 2: Encouraged the formation of effective forest grower associations

- Household surveys completed and updated.
- Expert interviews conducted with FDC, Maharashtra, Rajasthan, Odisha, Tamil Nadu and Kerala FD, Kerala Forest Research Institute, Chhattisgarh Farmer groups.



Invitation to Webinar

2nd

ITTO-BMEL Teak and Other Valuable Species Plantations Project

Quality Planting Materials for Premium Teak Production

Date: Tuesday, 22 April 2025

Time: 3:00 PM for Thailand, Cambodia, Laos PDR, Vietnam and Indonesia; Myanmar 2:00 PM; India 1:30 PM; Japan 8:00 PM; China & Tokyo 9:00 AM (GMT)

Zoom Meeting ID: 631 980 423
Passcode: 5476496

Opening: Jambhen Congk, Director of Forest Management Division, ITTO

Dr. Saverio Tangipolichien, Director of Forest Research and Development Office, Royal Forest Department (RFD), Thailand

Teak Genetics to the Greater Mekong Subregion and the Use of Improved Planting Materials in Thailand

Dr. Saverio Tangipolichien, Director of Forest Research and Development Office, Royal Forest Department (RFD), Thailand

QA:

Output 3:Regional and international collaboration, information sharing and knowledge management, networking, policy development and outreach for sustainable smallholder teak and other species plantations have been strengthened

- Delivered a talk on “Genomics of Teak”in the quarterly webinar to promote the conservation and sustainable management of teak forest resources and legal and sustainable supply chains
- Participated in the 5th World Teak Conference 2025 for improved global teak collaboration and delivered a talk.



Thank you

Details of staff contributing to the project

Name	Title	Works Assigned
Dr R. Yasodha	Project Coordinator	Overall monitoring of the project activities, report submission and presentation of outcomes
Dr Rekha R Warriar	Project Investigator	Execution of the activities identified in the project, data validation, technical and financial report preparation, support to the Project Coordinator
G. Suresh	Field Data Collection Expert	Support the Thunen Institute of Forestry (TIF) in Hamburg, Germany to collect data for scientific research involving multiple stakeholders and micro-financing schemes for longer rotation.
Mr Mohammad Ghouse	Consultant #4	Support training sessions and field works, produce and disseminate outreach materials on conservation and sustainable management of teak and other valuable species plantations.
Dr C. Nalin Kumar	Consultant #6	Collect capital and market information for small scale teak and other valuable species plantations, carry out a value chain analysis of smallholders to increase their access to micro-finance and markets.