Output 1: Availability of high-quality planting stock and implementation of improved practices in silviculture and timber processing and legality ● ● ● ● ●

Consultant#1: Study of Production of Good-Quality Planting Material

Specific Activities:

- Identify the existing condition of teak plantation management in term of silviculture technique;

- Develop quality standards for teak and other valuable species planting material on regional level according to existing schemes for the control of reproductive material;

- Support the production of good-quality planting material and disseminate products to the participating countries upon request;

- Develop and implement a capacity building program (training workshop) for teak and other valuable species improvement and the mass propagation of quality forest reproductive material including public and private nurseries;

- Assist in the capacity building program for researchers, scientists and local communities;

- Work with other Consultant#1 hosted by other participating countries to compile all results and findings, incl. recommendations for follow-up actions, in a technical project report in the English language to be submitted to National

- Coordinator and the Regional Project Manager;

- Carry out all activities in close cooperation with scientists and researchers from participating countries

Work Plan (October – December 2025)

Activity

| Coordination with Yogyakarta Provincial Agency of Environment and Forestry & Faculty of Forestry Gadjah Mada University | Coordination with Forest Management Unit & small holder teak farmers | Coordination with all relevant stakeholders |

October 2025 ———— **November 2025** ———— **December 2025**

Outputs

| Inception Report | Project implementation | Project completion |

METHODOLOGY

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Objective 1:
Development of silvicultural recipes to increase the productivity of teak plantations.

Training in the establishment and maintenance of teak nurseries; the production of teak cuttings; teak seedling management, & production and maintenance of teak clones.

Objective 2:
Improving the quality of forest farmer human resources in the management of superior teak plantations

Community empowerment through SILIN Jati training with agroforestry patterns and strengthening the institutional capacity of forest farmer groups

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1. Identify teak planted by the community;
2. Identify the management conditions and silvicultural systems of teak plantations;
3. Develop training modules related to silvicultural practices, including the preparation of planting media for teak and other high-value species and the production of high-quality reproductive material to increase plant production and quality;
4. Conducting training using the module.

Project Activity Report

Consultant#6: Study on Teak Value Chains

Specific Activities:

- Conduct a study on the distribution and potential of teak and other high-value species;

- Conduct a study on number, product types, capacity, distribution, & characteristics of wood processing industry;

- Conduct a study on capital sources and markets for teak and other high-value species to improve access to microfinance and markets of the forest farmer groups ;

- Conduct an economic analysis (e.g., NPV, IRR, B/C ratio) of teak and other high-value species;

- Conduct a study on the consumption of teak products and other high-value species wood products;

- Conduct a study on the domestic and export markets for teak products and other high-value species wood products.

Work Plan (October – December 2025)

Activity

Coordination with Yogyakarta Provincial Agency of Environment and Forestry & Faculty of Forestry Gadjah Mada University	Coordination with FMU, small holder teak farmers & wood industries	Coordination with all relevant stakeholders

October 2025	November 2025	December 2025

Outputs

Inception Report	Project implementation	Project completion

Research Methodology

Conceptual Framework

The research adopts **Value Chain Analysis (Porter, 1985)** framework combined with **SWOT Analysis** to identify internal and external factors.

Location and Respondents

The research focused on **Yogyakarta Special Region** with respondents including teak farmers, local collectors, intermediary traders, processing industries, and supporting actors.

Data Collection Methods

Primary Data

In-depth interviews, Focus Group Discussions (FGDs), and direct observations

Secondary Data

Literature review and statistical data from BPS and Ministry of Environment and Forestry

Data Analysis Methods

Value Chain Mapping
Visualization of product, money, and information flows

Cost and Margin Analysis
Calculation of cost structure and profit margins

Financial Feasibility Analysis
NPV, IRR, and B/C Ratio with various scenarios

1. Identify the distribution and potential of teak and other high-value species;
2. Identify the number, products, capacity, distribution & characteristics of wood industry;
3. Identify the capital sources & markets for teak;
4. Identify the economic value of teak using analysis (NPV, IRR, B/C ratio);
5. Identify the consumption of teak products;
6. Identify the domestic and export markets for teak products.

Project Activity Report

Thank you!