



REGIONAL WORKSHOP

“ENHANCING SMALLHOLDER PLANTATIONS TOWARDS QUALITY
TIMBER PRODUCTION OF TEAK AND OTHER ECONOMIC SPECIES
AND CARBON NEUTRALITY IN THE TROPICS”

DEVELOPMENT OF SMALLHOLDER TEAK PLANTATIONS IN VIETNAM

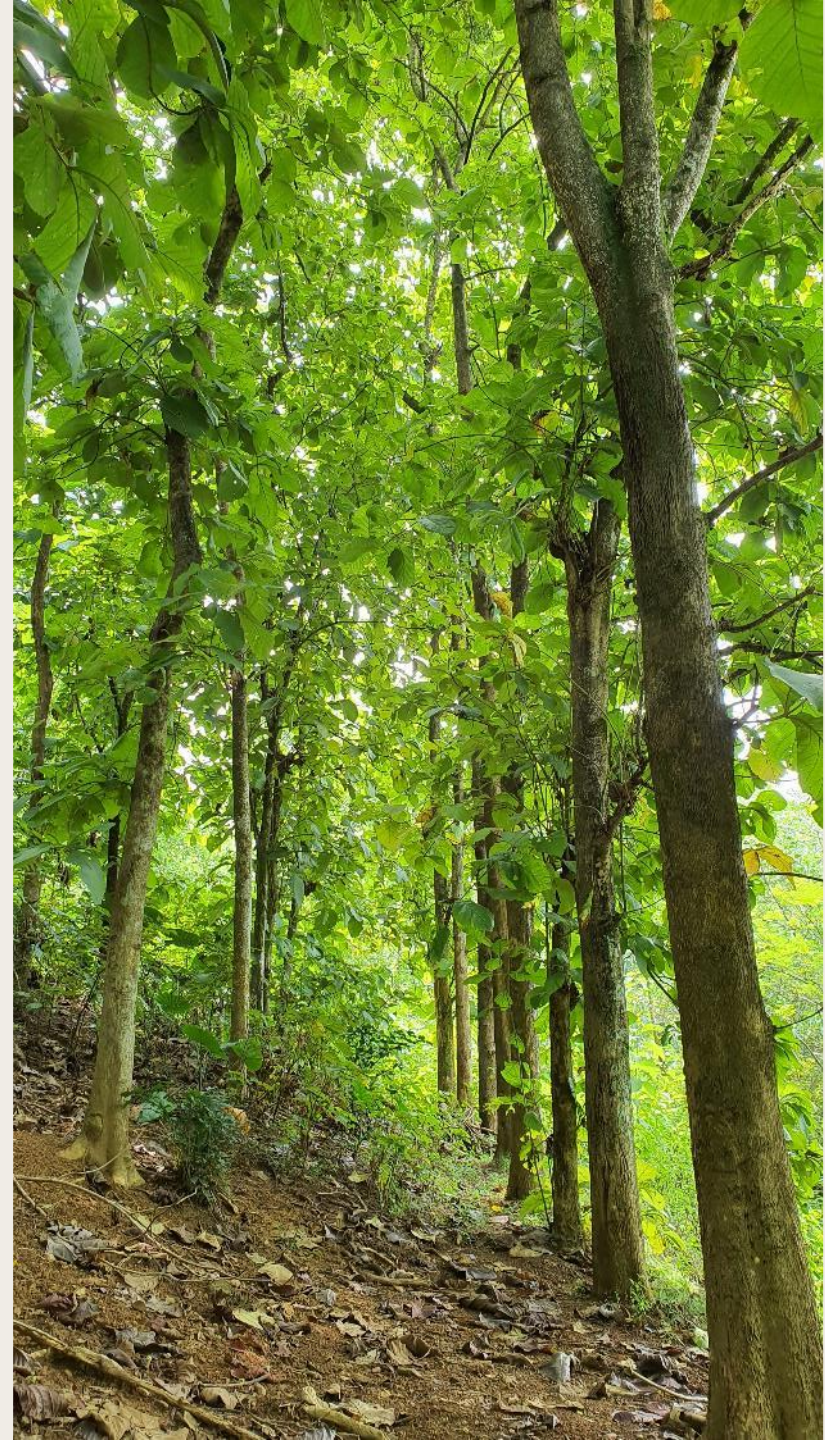
Tran Lam Dong and Dang Thinh Trieu

Vietnamese Academy of Forest Sciences

Bangkok, 18 September 2024

Outline

- Vietnam timber production 2023
- History of Teak planting in Vietnam
- Current Teak plantation in Vietnam
- Advantages and constraints of smallholder Teak plantation development
- Supporting smallholder Teak plantation development by ITTO Teak Project
- Conclusion and recommendations



Vietnam timber production 2023



14.8 M.ha forested area; **42%** cover rate

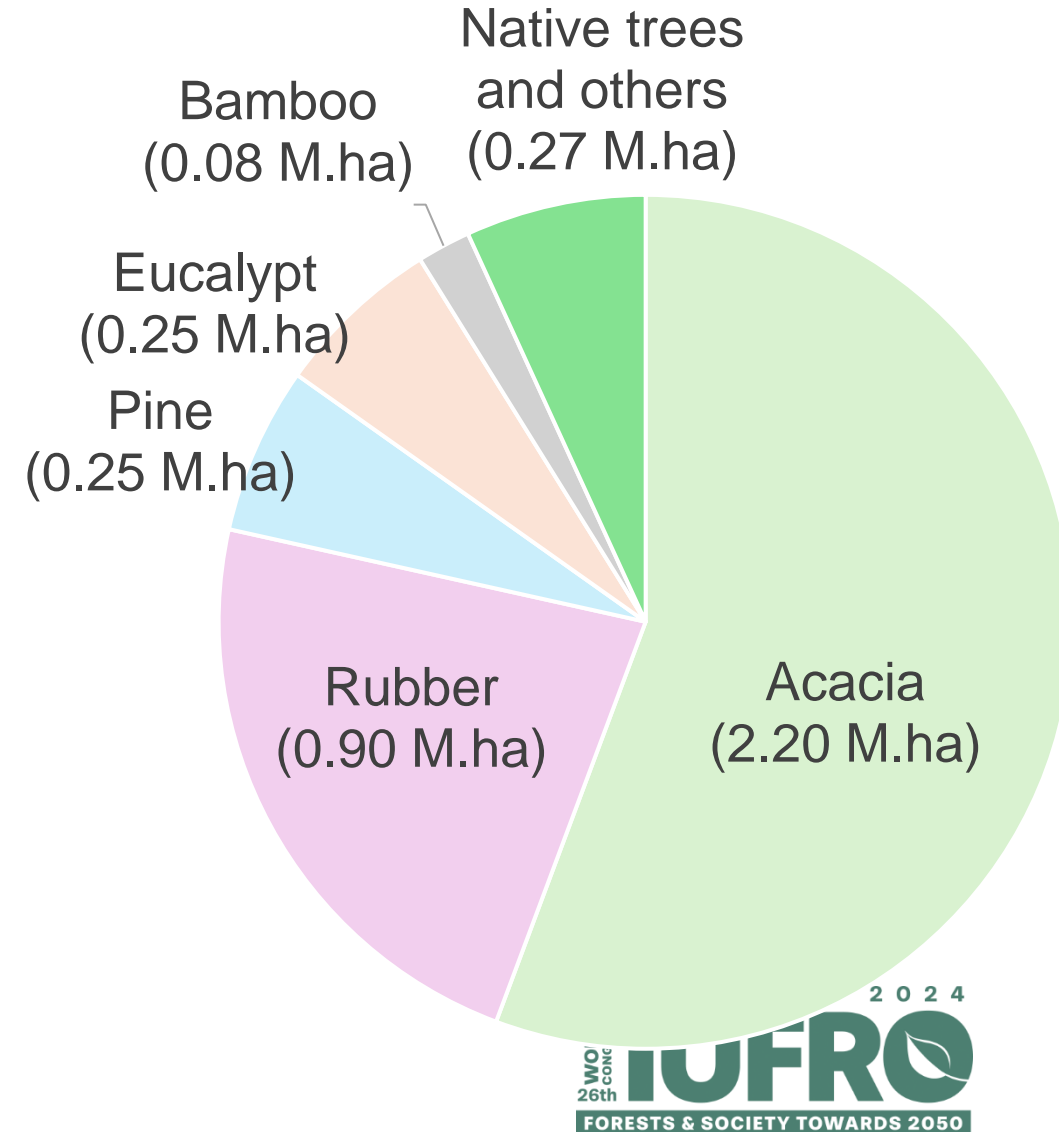
- **10.1** M.ha natural forest
- **4.7** M.ha planted forest:
 - ✓ **3.95** M.ha of timber production forest
 - ✓ **>70%** managed by smallholders of 1-3 ha/household)



- **30** M.m³ timber harvest annually
- **5.800** timber processing enterprises
- **515** FDI timber processing companies



- **13.46** B. USD exporting wood products
- **8.12** B. USD furniture
- **2.22** B. USD woodchips
- **0.68** B. USD wood pellets
- **2.44** B. USD artificial boards and others



History of Teak planting in Vietnam

- **1899:** First introduced to Vietnam
- **1939 – 1962:** Trial planted from the North to the South
- **1960s on ward:** Planted widely in the Southeast, Central Highland and Northwest, but with little success

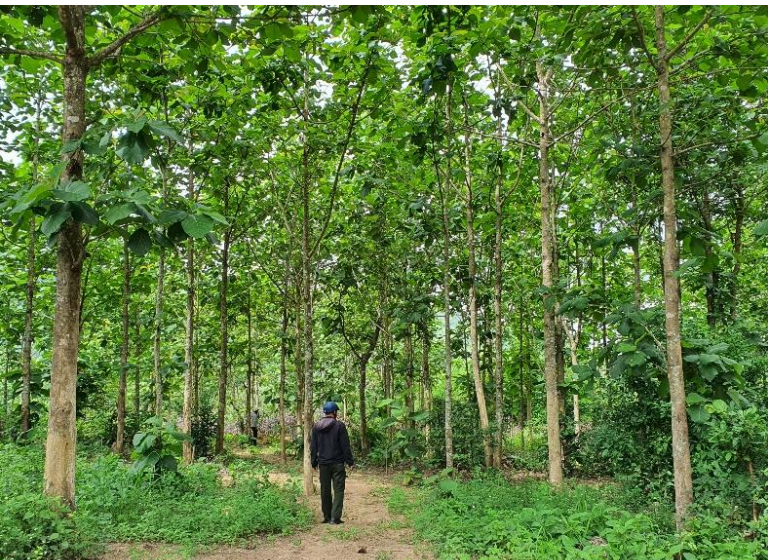
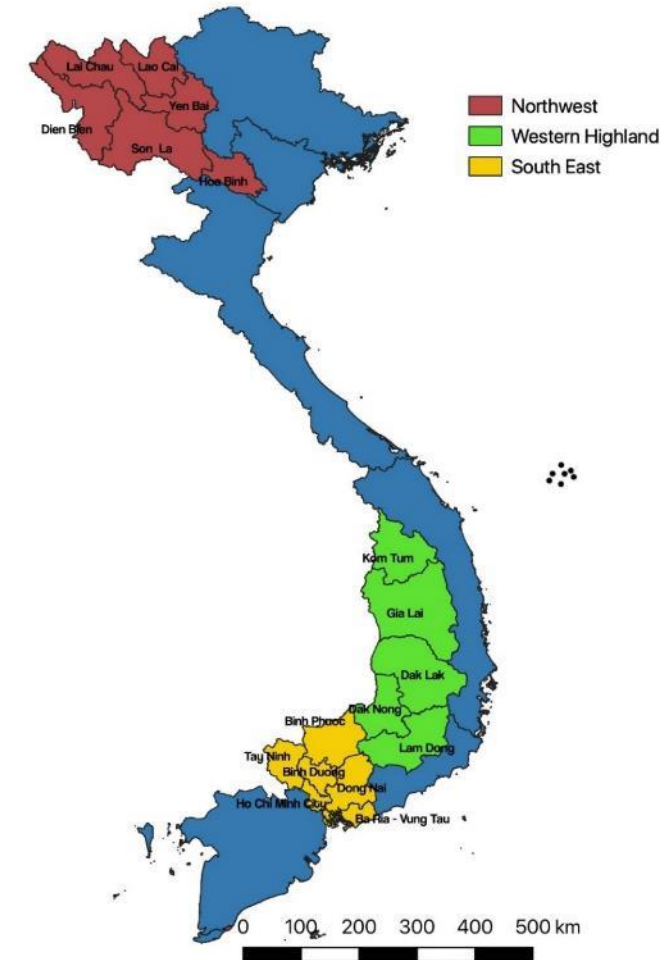


Current Teak plantation in Vietnam

Plantation area (1,000 ha)	Age classes (%)			
	0-20 yrs	21-40 yrs	41-60 yrs	61-80 yrs
7.65	72.5%	24.1%	0%	3.3%

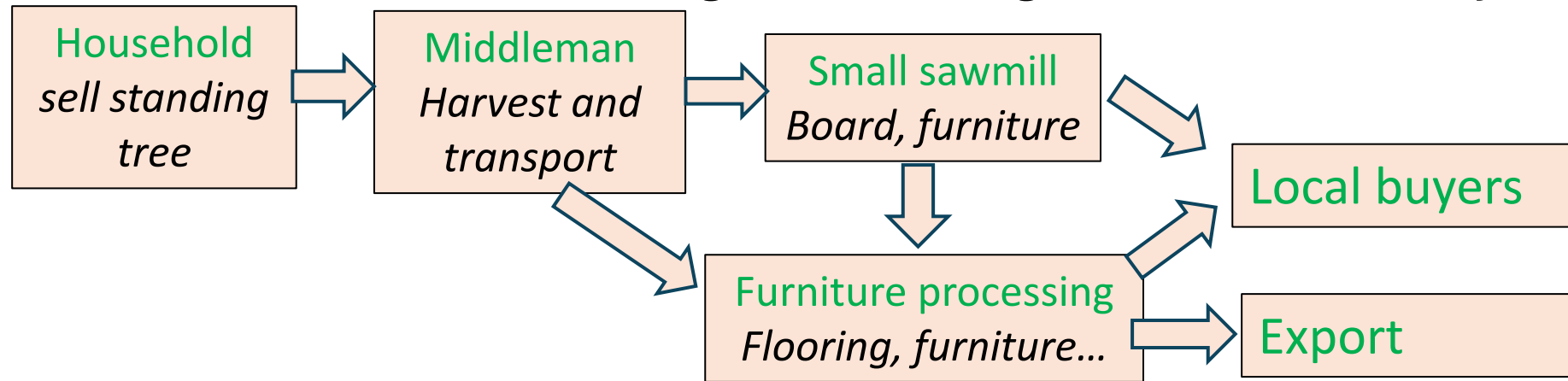
74% managed by households and 26% by private/state corporation

Productivity (MAI; m³/ha/year): 5-12



Smallholder Teak value chain in Son La province

- About 4,000 ha planted by smallholders in 1990s funded by some projects.
- From 2015, farmers started thinning or harvesting, about 10,000 m³/year

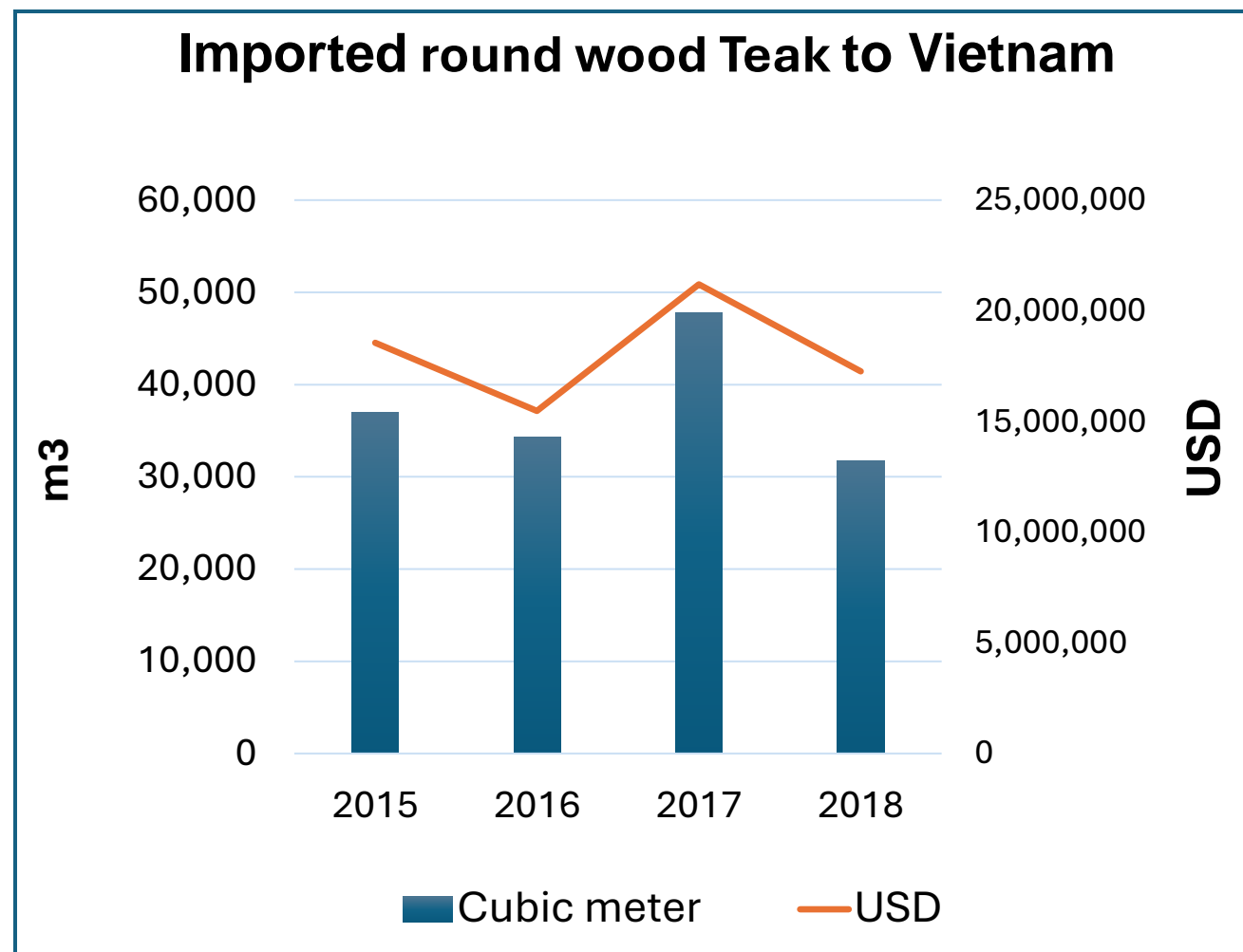


Profit of different actors in the value chains	Actor	Profit (USD/m ³)	Rate (%)
	• Farmer (year/m ³)	4.55	2.67
	• Middleman	26.8	15.72
	• Sawmill	139.1	81.61



Advantages of smallholder Teak development in Vietnam

- Secure land tenure and ownership
- High demand of Teak timber
- Active actors, especially middlemen and wood processors
- Good market (both domestic and export)
- Good policy on timber legality insurance system, certification...



Constraints of smallholder Teak development in Vietnam

- Limited improved germplasm or seed source
- Low productivity in some area (degraded and acidic soils)
- Small-scale(1-3 ha/household), low capacity (silviculture knowledge and finance) for long harvesting rotation
- Lack of incentives for long-rotation planting (low value chain, market engagement, micro-finance mechanism...)



Supporting smallholder Teak plantation development by the ITTO Teak Project

- **Improvement of germplasm and seed sources**
 - ✓ Selected hundreds of plus trees
 - ✓ Importing improved clones from Laos, Thailand



• Capacity building:

- ✓ National workshops on Teak
- ✓ Trainings on nursery and silviculture techniques for local extensionists, forestry officers and selected farmers



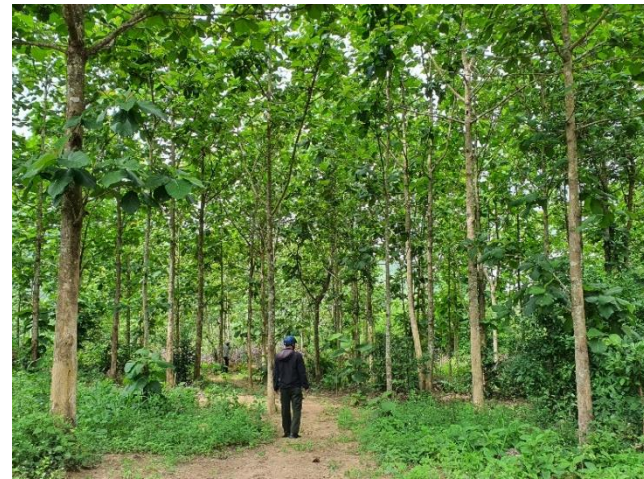
- **Development of demonstration plots:**

- Trials of silviculture treatments
- Teak planting in different regimes, such as plantation, agroforestry, scattered planting...




- Supporting teak smallholder group certification:

Support a wood processing company to cooperate with Teak planting smallholders to develop a smallholder group certification in Dak Lak province (500 ha)



Bureau Veritas Certification



HOA PHAT FORESTRY JOINT STOCK COMPANY [REPRESENTING EAWY FORESTRY ONE MEMBER LIMITED COMPANY]
 Van Xuan Hamlet, Phu Thinh Commune, Yen Binh District, Yen Bai Province, Vietnam, Yen Bai Province, VIETNAM

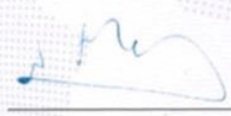
Bureau Veritas Certification Holding (BVCH) certifies that the company has implemented a responsible forest management according to the Forest Stewardship Council™ principles and criteria defined in the following standard(s):

Standard
FSC-STD-VN-01-2018

For its activities concerning:
FOREST MANAGEMENT AND LOGGING OF THE FMU(s) LOCATED IN CU MOT, CU AMUNG AND EAWY COMMUNE, EA H'LEO DISTRICT, DAK LAK PROVINCE, VIETNAM.*

* Updated and full list of products, species available and/or group members on the FSC database (www.info.fsc.org)

Original certification date:	31-08-2023
Certification start date:	31-08-2023
Expiration dates:	30-08-2028
FSC Certificate code:	BV-FM/COC-182972
Certificate No. / Version:	VN010858/1
Contract No:	16147369
Issue date:	01-09-2023



Nicolas MEY
 Signed on behalf of BVCH

The validity of this certification shall be verified on: info.fsc.org
 This certificate itself does not constitute evidence that a particular product supplied by the certificate holder is FSC certified or FSC Controlled Wood. Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on sales and delivery documents.


Bureau Veritas Certification Holding - Tour ALTO, 4 place des saisons, 92400 COURBEVOIE - France: www.bureauveritas.com
 Hub FSC FM : Bureau Veritas Polska Sp. z o.o., ul. Migdalska 4, 02-796 Warszawa, Poland

Contracting office: Bureau Veritas Certification Vietnam
 A list of the products or services that are included in the scope of the certificate may be obtained on request to Bureau Veritas Certification. This certificate remains the property of Bureau Veritas Certification, all copies or reproductions and the certificate itself shall be returned or destroyed on Bureau Veritas certification request. All certificates not in English are for reference only

FSC Certificate FM rev 6.1



The mark of responsible forestry



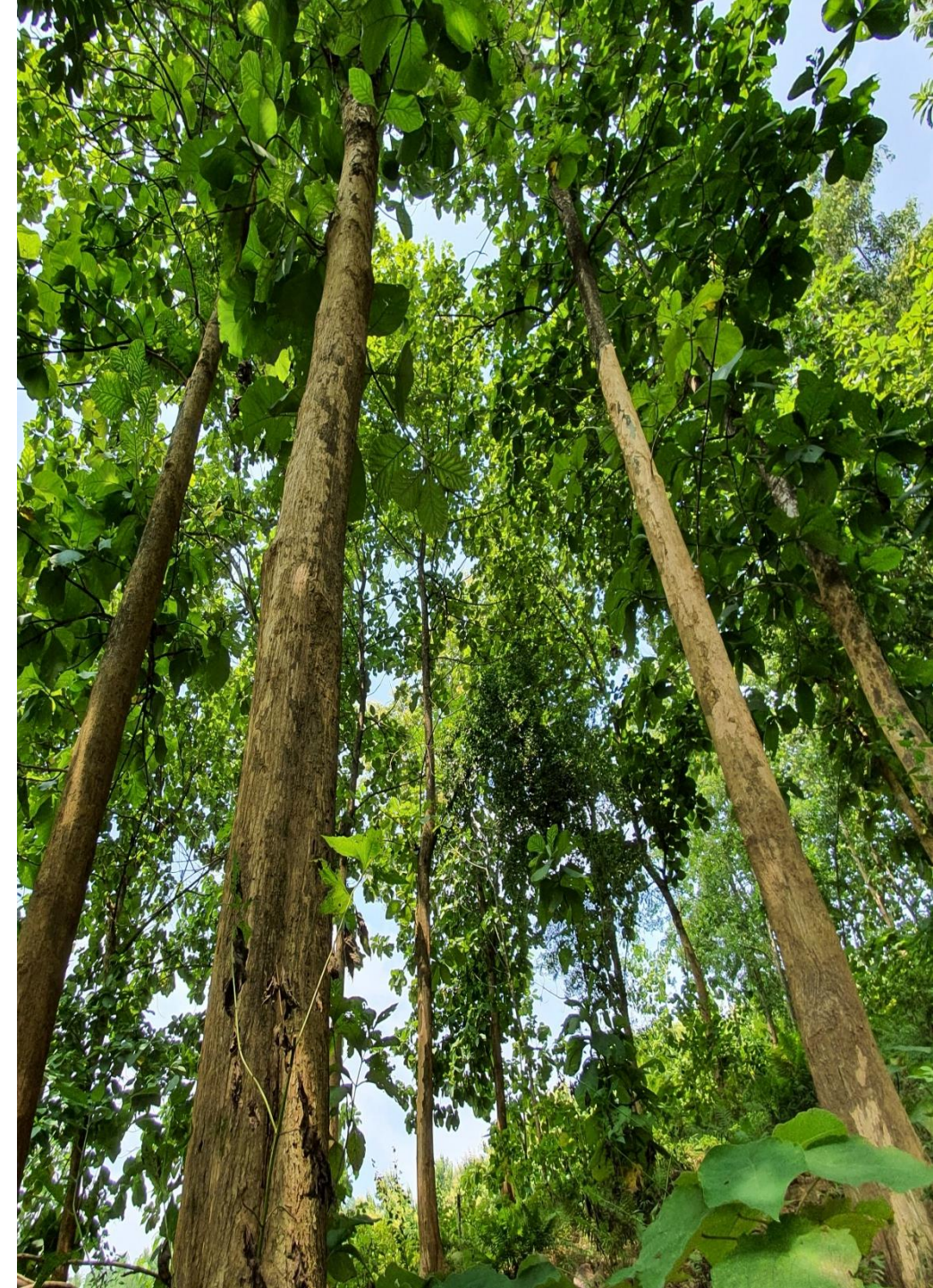
FSC Certificate FM rev 6.1

1/1

July 11, 2023

Conclusion and Recommendations

- High potential for development of smallholder Teak plantation in Vietnam
- Need many supports for boosting teak growth by:
 - ✓ Improvement of germplasm quality and seedling production
 - ✓ Technical capacity building to teak growers and stakeholders (forestry officer, extensionist...)
 - ✓ Development of diverse silviculture options for diversifying income regime (teak-based agroforestry, intensive planting for short rotation, tree-outside-forest planting...)
 - ✓ Improvement of the value chain and marketing by building partnerships among the chain actors, especially the primary processors, middlemen and the growers... via group certification
 - ✓ Micro-finance mechanism for long-term investment, are promising solutions.





Federal Ministry
of Food
and Agriculture



Thank you for your attention!



**ITTO-TEAK
IN MEKONG**



Contact: Trần Lâm Đồng

Email: dong.tran@vafs.gov.vn | Mobile: +84 986506018 | <http://sri.org.vn/>