



2025/SOM1/EGILAT/013
Agenda Item: IX.A

Sustaining Legal Supply Chains of Tropical Wood and Wood Products

Purpose: Information

Submitted by: International Tropical Timber Organization



**27th Experts Group on Illegal Logging
and Associated Trade Meeting**
Gyeongju, Korea
26-27 February 2025

Sustaining Legal Supply Chains of Tropical Wood and Wood Products

The 27th APEC-EGILAT Plenary Meeting
Gyeongju (Korea), 26-28 Feb 2025

Tetra Yanuariadi
International Tropical Timber Organization (ITTO)



Contents

- Updates on ITTO
sustainable wood use
- Updates on tropical
timber market
- Ensuring
sustainable supply chains

ITTO's mission

- Promote the sustainable management and conservation of tropical forests.
- Promote the expansion and diversification of trade in tropical timber from sustainably managed and legally harvested forests.

ITTO—THE SOLE inter-governmental organization focused entirely on tropical forest resources.

ITTO members (37 producers & 38 consumers) **cover over 80% of global tropical forests and account for 90% of trade in tropical forest products!**



- **Legal & Sustainable Supply Chains (LSSC)**
 - Enhance tropical timber supply and value chains, from the forests to the market, to achieve legality and sustainability.
 - Capacities of legal and sustainable supply chain enhanced, business collaboration and networking facilitated:
- Conservation of Biodiversity and Ecosystem Services
- Forest Landscape Restoration and Resilient Livelihoods
- Emerging Issues and Innovation

Forest legality and sustainability requirements

- A key requirement of sustainability—compliance with all legal frameworks.
- Forest governance and legality requirements are meant to counter the negative impacts of illegal practices in tropical forests.
- Greater need to demonstrate the legality and sustainability credentials of forest products.
- National and international legislations/regulations require evidence of the legality of imported timber.
- More requirements are being faced by timber producers.

Promoting Sustainable Tropical Wood use



- ITTO promotes sustainable wood use in the producer member economies.
- Current stage: promoting domestic markets through projects implementation, financially supported by Japan Governments in South East Asia economies: Viet Nam, Thailand, Indonesia; Malaysia; plus India
- Projects's scope: improve domestic strategy/policy, improve production capacity, improve CFE's skill capacity, enrich assortment of wood products, educate consumers on advantages of using wood products vs substitute products
- Projects' outputs and outcomes support SW4SW initiative → strengthen sustainable wood value and supply chains in order to enhance their social, economic and environmental benefits from production to consumption

Vietnam – ITTO cooperation project PD 922/21 Rev.1 (I)
Promotion of Sustainable Domestic Wood Consumption
in Vietnam (PD 922/21 Rev.1 (I))
(COMPLETED)

Contribution to improve policy framework for promoting domestic W&WP consumption and consultations with relevant stakeholder groups

Project provides contribution to formulate Vietnam's renewable energy development strategy toward 2030, vision to 2050:

- ☐ Prioritize the use of biomass energy for power generation using wood pellets. Increase the rate of using waste from industrial and agricultural crops for energy production from about 15% in 2025 to 20% in 2030 and up to 25% in 2050.
- ☐ Estimated national demand for biomass energy in 2030 and 2050 for power generation:

Propose strategy/policy to shift from short-term to longer-term plantation business to produce larger wood for housing and furniture-making by linking small plantation households through co-ops/associations with lead companies/processors and traders.

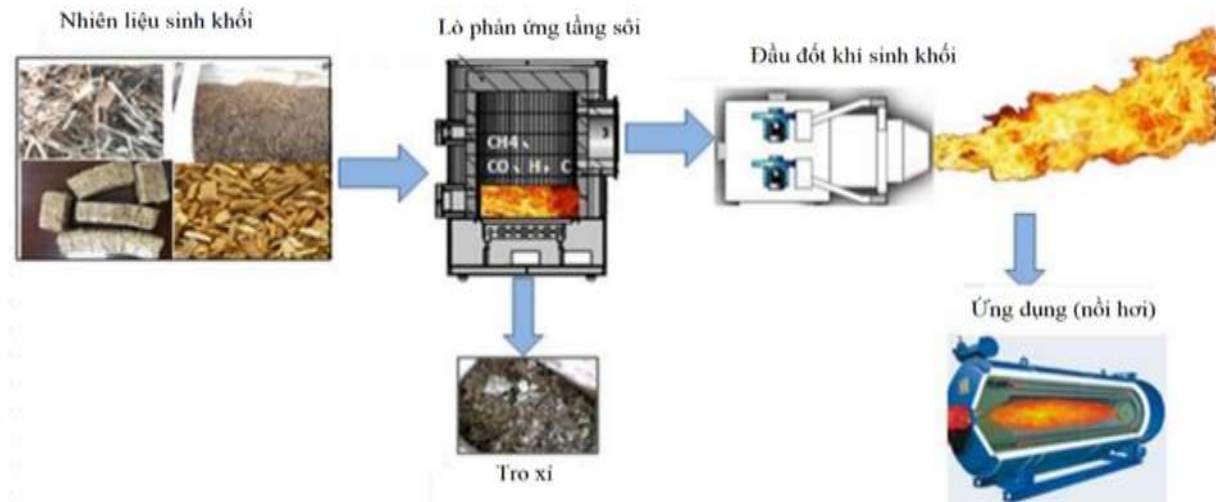
Small plantation households are expected to get better benefits from large-size timber plantations by getting higher income from selling larger timber plus carbon credits, and PFES.

Strengthening design capacity by conducting design contests for young designers/students from architecture/civil construction universities

2 contests have been conducted, each contest attracted around 250 students/designers. The national festival for young designers has



Introducing innovative technology for tea drying using wood waste



Demonstration of the advantage of bio-energy through gasification against direct firewood burning: higher efficiency of heating/drying, fewer labor cost, saving 1/3 biomass/firewood and non smoke and less ash.

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Promoting partnerships between plantation co-ops/associations and lead companies (processors and traders) to consolidate supply chains and incentivize larger-size wood production.



Discussions on supply chain of acacia plantation with special attention to biomass/woodpellet production

Thailand SWU (Completed soon)

The Promotion of
Sustainable Domestic
Consumption of Wood
Products in Thailand



Key Outputs and Achievements

1. Policy Reform and Legal Framework Enhancement

Regulatory Reform for Sustainable Wood Utilization

Promotion of Economic Tree Plantations

Advancing the Wood Industry

Increasing Wood Use in Construction

Promote the use of certified wood in the domestic market

Enhance training programs, vocational education, and research in the wood industry

Multi-Sector Collaboration

Research and Innovation for Sustainable Wood Use



Key Outputs and Achievements

2. Strengthening the Forest Plantation Network and Industry Development



Key Outputs and Achievements

3. Enhancing Market Access and Business Development

18 Organizations

Signed the project's MOU agreements and business collaborations led to an increasing in industry partnerships, ensuring continued growth in the sustainable wood market.

150+ Sustainable Wood Brands

Over 150 sustainable wood brands showcased their products at the Thailand International Woodworking & Furniture Exhibition 2024

40+ Industry Professionals

More than 4,000 industry professionals engaged in trade discussions and business networking.



-บันทึกความเข้าใจ (MOU)-

ว่าด้วยความร่วมมือในการส่งเสริมการใช้ไม้และผลิตภัณฑ์ไม้ภายในประเทศไทยอย่างยั่งยืน ระหว่าง

หน่วยงานภาครัฐ ภาคเอกชน สมาคม ชุมชนท้องถิ่น สถาบันการศึกษาและหน่วยงานวิจัย





Key Outputs and Achievements

4. Capacity Building and Consumer Awareness



Advanced Training Programs

Completion of advanced training programs for wood product design, production efficiency, and sustainability certification compliance.



Consumer Awareness Campaigns

Successful implementation of urban consumer awareness campaigns, using digital content, exhibitions, and workshops to highlight the environmental benefits of domestic wood consumption.



Legal Compliance Training

Completion in legal compliance training, ensuring that wood producers and manufacturers meet international trade and certification standards.



Measurable Results and Impacts

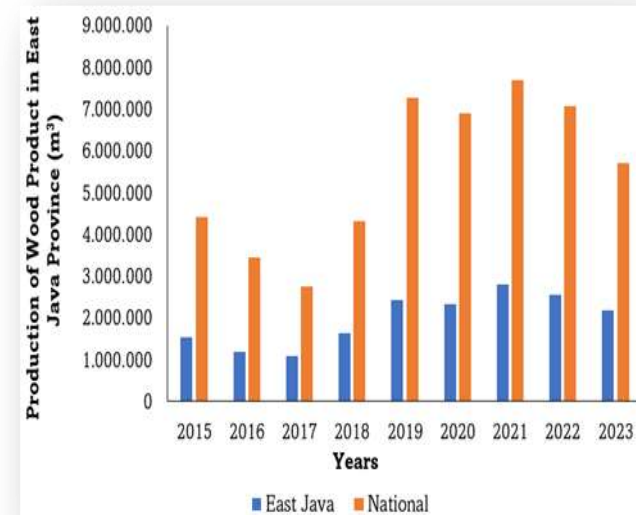
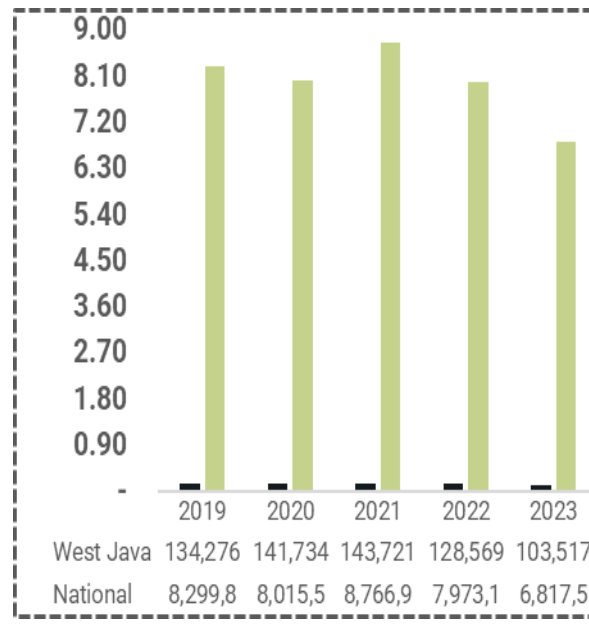
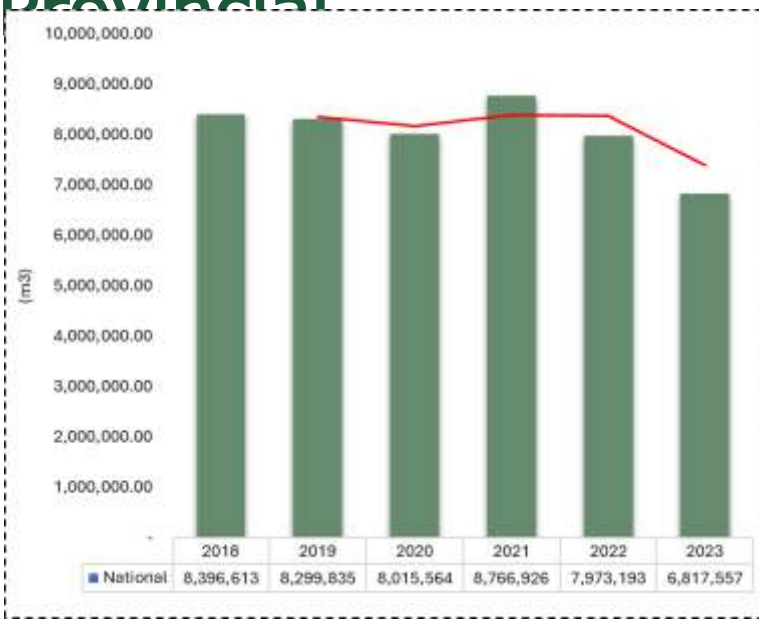
- ✓ The completion of national policy recommendations so-called **"the write paper"** to support the promotion of domestic sustainable wood consumption.
- ✓ The completion of suggestion on **"wood certification and legalization processes"**, ensuring traceability and compliance.
- ✓ Support an increasing in cross-sector collaboration, fostering stronger industry-government partnerships through the completion of **"a signed Memorandum of Understanding"** among multi-stakeholders.
- ✓ The successful stakeholders engaging through **"exhibitions, training workshops, and policy dialogues"**.
- ✓ To create the atmosphere of urban consumer awareness which will leading to **"higher demand for certified process"** of legal wood products in Thai's society.

INDONESIA SWU (Completed soon)

ITTO PD 928/22 Rev 1 (I)

Development of Sustainable Domestic Market for Wood Products

Study on Consumption of Wood Products (National & Provincial)



Enriched Assortment of Wood Products in Domestic Market



ITTO

PENGUMUMAN
PEMENANG LOMBA
**WOOD PRODUCT
INNOVATION COMPETITION**
2023

Congratulations!
As a Winner

1st TIM TECHFURNI

2nd TIM BRICUTE

3rd HUMAN VISUAL

Multifungsi
Handily
Teknologi
Efisiensi Bahan Kayu
Nilai Estetika

ME TIME
22 38

**ERGO-CHARGED
LOUNGE CHAIR**

*Syarat dan ketentuan berlaku

Public Education on the Advantages of Using Wood Products

**LOKAKARYA
DAN
EKSHIBISI**

*"Permintaan Tinggi Hutan Tumbuh:
Potensi dan Tantangan Produk Kayu Olahan"*

DATE: 21 Desember, 2023 | TIME: 09.00 - 15.00

Auditorium Spika Pertamina,
Fakultas Kehutanan dan Lingkungan IPB
<https://ipb.link/lokakarya-konsumsi-kayu> (Hybrid)

Lokakarya:

- Moderasi dan Moderasi Kayu dengan
dan Penguatan
- Simulasi dan Kerja
- Simulasi dan Kerja
- Simulasi dan Kerja
- Simulasi dan Kerja

Ekshibisi:

- Simulasi dan Kerja
- Simulasi dan Kerja
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- Simulasi dan Kerja
- Simulasi dan Kerja

Register Now <http://bit.ly/registrasi-lokakarya-ekshibisi>



**WORKSHOP AND
CREATIVE INOVATION
COMPETITION**

FUNCTIONAL WOOD PRODUCTS BASED
ON CROSS LAMINATED TIMBER
(CLT)

WORKSHOP

Workshop mengenai CLT yang
dibuat untuk umum

**21 Desember
2023**

09.00 - 15.30 WIB

Auditorium Fakultas Kehutanan UGM

COMPETITION

Kompetisi desain produk inovatif
berbasis CLT

Dapat dibuat individu dan tim (maks
5)

Kategori: produk fungsional, dan
produk berbasis CLT

Periode pendaftaran workshop dan kompetisi
**9-19 Desember
2023**

Jawa 1: Sertifikat • Rp. 1.000.000
Jawa 2: Sertifikat • Rp. 750.000
Jawa 3: Sertifikat • Rp. 500.000



East Java

West Java & Banten

Central Java

Mid-Term Strategy for Enhanced Domestic Market for Wood Products

Strategy for Wood Industry Readiness



Development of Policy Interventions on the Use of Wood in Construction Sectors & Promoting the Benefit of Wood Processing Facilities

One of the exit strategies of PD 928 is to follow up on the development of policy interventions on the use of wooden materials in construction sectors. This highlights the necessity of optimal dissemination, strengthening the knowledge capacity, and a shared vision between the forestry and construction sectors.



Promoting the benefit of wood processing facilities provided by the Provincial Government creates valuable benefits and a positive impact to optimize the SMES wood industries to enhance their competitiveness in the domestic market

Promoting sustainable wood use for domestic market in Malaysia (Just started)



Project's focus:

Promote the development of domestic consumption for sustainable wood products, in anticipation of population and economic growth and reduced carbon footprint , through increased resilience of consumption, and enhance supply chains and improved government policies.

ITTO Budget: US\$ 212,088

Status: Project Agreement has been signed by MTCC and ITTO

Promoting sustainable teakwood use for domestic market in India (About to start)



Project's focus:

The specific objective of the project is to enhance the resilience and sustainability of the teak wood sector and promote sustainable use of teak resources and wood products in India + 5Th World Teak Conference

ITTO Budget: US\$ 296,000

Status: pending Project Agreement (Kerala Forestry Research Institute-ITTO)

ITTO Project: PP-A/60-369

“STRENGTHENING SURVEILLANCE AND MONITORING TO TACKLE THE SURGE IN FOREST LOSS AND LAND DEGRADATION, INDUCED BY INTENSIFYING CONFLICT IN THAILAND’S BORDER AREAS”



Specific Objective

- To tackle the surge in deforestation, forest/land degradation and food security loss in the disturbed Thailand-Myanmar border areas

Political and Armed Conflicts in Myanmar

- The aftermath of the **Myanmar coup in February 2021** has driven its thousands of people into Thai's border areas.
- The fighting along the borders is escalating and more intense in late March and April 2023.
- UN, an estimated **1,704,000** internally displaced people (IDPs)



Border situations

- Ten Thousands of Displaced People Flee Fighting in Southeastern Myanmar
- IDPs are not totally sealed in the refugee camps. Often, they look for food, NTFPs, and other biological resources in nearby forest areas



Project Approaches

- **Local participatory** – local government, communities, youth (citizen science)
- **SMART technologies** – earth observation, ground monitoring, real time report & action
- **Capacity building** – national and local levels
- **Livelihood** improvement

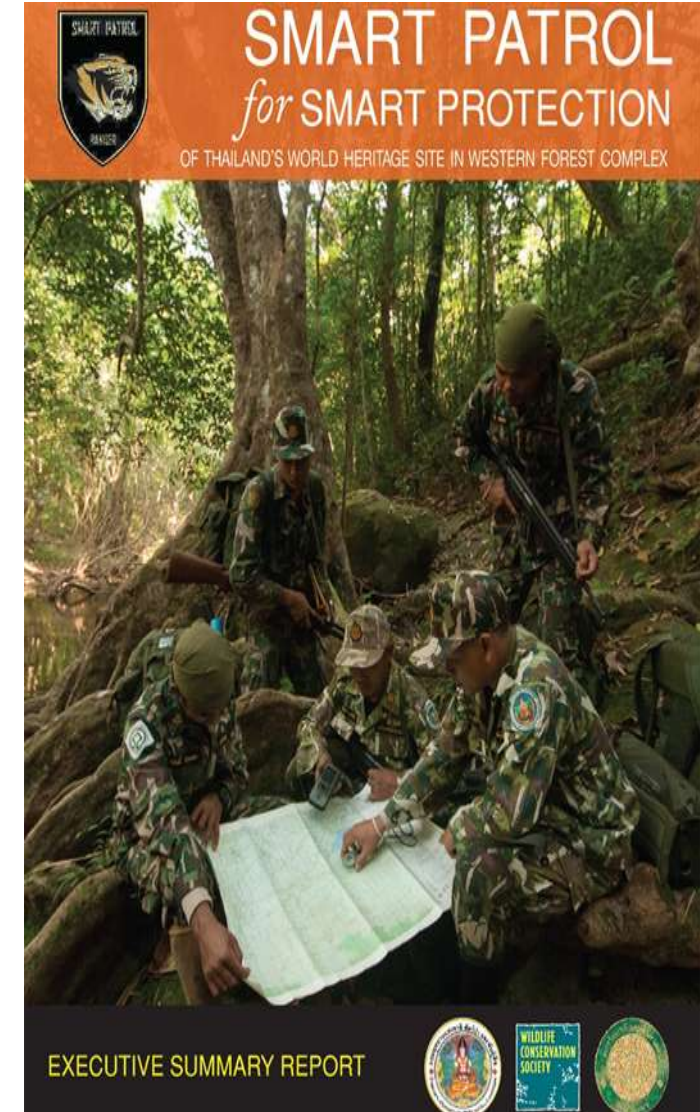


Avoiding illegal logging and encroachment project

Network-Centric Anti Poaching System: NCAPs



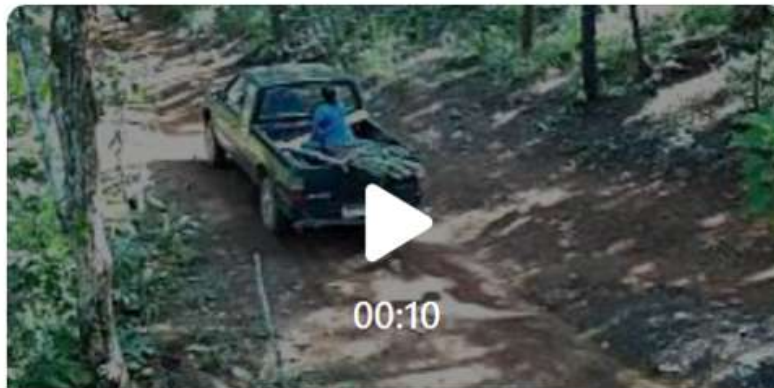
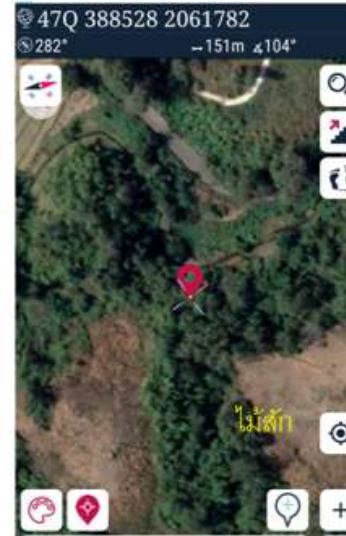
Camera
installation



Avoiding illegal logging and encroachment project

Up-to-date results

SARRF-001



เหตุการณ์

ระหว่างย้ายกล้อง 11/12/2024 16:30

Bamboo and NTFPs



ITTO's continuous updates on timber markets



- ITTO Annual Market discussion during ITTO Council Session
- Annual Global Legal and Sustainable Timber Forum 2023, 2024, 2025 ..continued in Macao SAR, China

FOREST PLANTATIONS

- Larger productivity (forest and operations).
- Smaller working area.
- Technology available to continue to further improve productivity.
- Uniform industrial raw material.
- Improved logistics.
- Reduced costs.
- Lower operational risks.
- Investors and funding options available.
- Less environmental pressure.



TEAK PLANTATION IS AN EXAMPLE (ITTO-BMEL TEAK PROJECT)

- Knowledge in silviculture and management available.
- Elastic species, adaptation to different tropical climates and soils.
- There are plantations in 73 economies.
- Total planted area - almost 7 million ha.
- Mean annual increment up to 20 m³/ha/year.
- Sustainable timber production capacity of existing plantation - 31.3 million m³/year.
- Expanding market share, but logs and blocks are still the main part of the international trade.



<http://www.youtube.com/user/ittosfm>



@itto_sfm



itto_sfm



International Tropical Timber Organization

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