



Promoting sustainable wood use for climate change mitigation

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INTERNATIONAL TROPICAL TIMBER ORGANIZATION (ITTO)

Tropical forests—vital for planetary wellbeing



- Forests cover **31% of the planet's land surface**, and are among the world's most productive land-based ecosystems:
 - Conserve soil and water
 - Filter the air we breathe, mitigates climate
 - Prevent land degradation and desertification
 - Host terrestrial biodiversity
 - Reduce the risk of floods, landslides, droughts and other disasters, among others
- Around **1.6 billion people** depend on forests for their subsistence.
- **Tropical forests represent 45%** of all forests (1.84 billion has—22% in Latin America, 16% in Africa and 7% in South and Southeast Asia).
- **Over 70%** of global population in **extreme poverty** live in the tropics.
- **Recent IMF Report – economic imbalance globally sees 95 million living in acute poverty today.**

**CRITICAL TO SUPPORT SUSTAINABLE MANAGEMENT OF
TROPICAL FORESTS!**



Benefits of sustainable tropical forestry



- The sustainable harvesting, processing and trade of tropical timber and other forest products:
 - Supplies residential and commercial consumers worldwide,
 - Contributes to local and national economies, and
 - **Enhances value to tropical forests**—a key factor in **reducing forest conversion to other economic land uses**.
- When sustainably managed, tropical forests are:
 - **Healthy, productive** and **renewable** ecosystems.
 - Contribute to nature-based solutions.
 - The sustainable management of forests is of critical importance for most SDGs, in particular:



The International Tropical Timber Organization's mission



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

The **International Tropical Timber Organization (ITTO)** is **THE SOLE** inter-governmental organization focused entirely on tropical forest resources.



ITTO Pilot Programme Lines



- Legal & Sustainable Supply Chains (LSSC)
- Conservation of Biodiversity and Ecosystem Services
- Forest Landscape Restoration and Resilient Livelihoods
- Emerging Issues and Innovation



Timber tracking projects



- ITTO projects have established timber tracking systems in:
 - Cameroon,
 - Ecuador,
 - Guatemala,
 - Panama,
 - Philippines.
- The tracking projects have advance sustainable forest management and nature-based solutions by:
 - Strengthening the capacity of forest companies to control their flows of timber;
 - Improving efficiency across the supply chain;
 - Facilitating the monitoring and control of forest products by the authorities and combatting illegal logging;
 - Improving forest governance; and
 - Assuring the legality and sustainability of harvested timber.

Recently a project in Guatemala released an app to calculate log volumes requiring only photographs and a few simple measurements.

See:

www.itto.int/news/2023/06/09/itto_project_releases_app_for_calculating_timber_volumes_in_products_using_smartphones

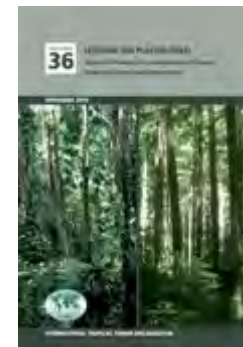


Long-standing work on market access, traceability, certification, etc.



- Technical reports conducted on:
 - The impact of timber procurement policies
 - Uses and impacts of criteria and indicators for sustainable forest management
 - Review of electronic and semi-electronic timber tracking technologies
 - Assessment of major developments in technical and environmental standards in selected major international timber markets
 - Analysis of global trends impacting on the relative competitiveness of tropical wood products
 - The pros and cons of timber procurement policies
 - Developing forest certification
 - Many more ...
- Updates on issues related to tropical timber market access and certification are presented at ITTC sessions.

www.itto.int/technical_report/



ITTO's continuous updates on timber markets



- ITTO Annual Market Discussions:
 - The 2022 edition explored the potential of carbon markets for tropical forests.
 - Theme for 2023 “Tropical Timber Industry: Challenges and Opportunities from Changing Priorities”
- Global Timber Index (www.itto.int/gti) – published monthly, facilitates the exchange of information/ data on timber trade - promotes collaboration for building legal and sustainable forest product supply chains:
 - Seven pilot countries: Brazil, the Congo, Indonesia, Gabon, Malaysia, Mexico and China, and 160 enterprises are participating in the initial phase.
 - Global Legal and Sustainable Timber Forum 2023, 21–22 November 2023, Macao SAR, China (www.itto.int/events).

Sustainable Wood for a Sustainable World (SW4SW)—a CPF Joint Initiative that promotes nature-based solutions – ITTO= one of LEAD Agencies



Andrea Stocchero, Nov 2017

www.fao.org/forestry/sustainable-wood/en

Promoting Sustainable Wood Use



ITTO promotes sustainable wood use ALL member economies.

Ongoing: domestic consumption studies - financially supported by Japan in South East Asia: Viet Nam, Thailand, Indonesia and Malaysia

Scope: improve domestic strategy/policy, production capacity, M/SMEs skill capacity, wood products, educate consumers on advantages of using wood products vs substitute products

Outcomes: support SW4SW initiative; strengthen sustainable wood value and supply chains their social, economic and environmental benefits from production to consumption

Promotion of sustainable domestic consumption of wood products in Thailand

Advanced skills to design and develop wood products to meet domestic market demands



ITTO

MAFF Ministry of Agriculture, Forestry and Fisheries

ITTO Project: "PROMOTION OF SUSTAINABLE DOMESTIC CONSUMPTION OF WOOD PRODUCTS IN THAILAND" (PD 926/22 Rev.1 (I))

ขอเชิญนิสิต นักศึกษาเข้าร่วม
**ประกวดออกแบบ
เฟอร์นิเจอร์ไม้ 2566**

Value-Added Wood Furniture Design

ชิงรางวัลรวมมูลค่า **60,000 บาท**

ลงทะเบียนได้ตั้งแต่วันที่ ๑๖ มิถุนายน 2566

QR code

ลงทะเบียน

QR code

ดาวน์โหลดใบสมัคร และส่งผลงาน

Promotion of Sustainable Domestic Wood Consumption in Viet Nam



- Project duration: November 2021, for 2 years
ITTO budget : US\$ 339,500 (Gov't of Japan)
- Implementing agency: VIFOREST



Objective: **Enhanced and diversified domestic consumption** and promoted local markets of wood & wood products



Output 1: Improved **policy framework** to drive domestic consumption of wood and wood products

Output 2: **Strengthened capacity** to produce wood and wood products to meet local market demands & promote local consumption



DEVELOPMENT OF SUSTAINABLE DOMESTIC MARKET FOR WOOD PRODUCTS IN INDONESIA



DURATION



18 months
(2023-2024)

BUDGET



- ITTO: \$261,811
- GOI: \$23,880 (inkind)

Objectives



Development objective:

To increase contribution of the wood industry to domestic economy

Specific objective:

To promote strong and resilient domestic consumption of wood products



Outputs

Output 1:

Increased capacity of domestic through strengthened growth of the market to satisfy consumer's need

Output 2:

Enhanced institutional arrangements for steadily rising domestic consumption of wood products



Promoting sustainable wood use for domestic market in Malaysia



- Malaysia's project will focus on the promotion & the development of domestic consumption for sustainable wood products, in anticipation of population and economic growth while reducing carbon footprint.
- It emphasizes increased resilience of consumption, enhanced supply chains and improved government policies.



SWU Contributions to Climate Change Mitigation



- Implementing SFM practices across wood supply chains can lower emissions – improved timber harvesting & processing = reduced emissions.
- SFM= improved carbon sequestration
- Harvested wood products = a significant carbon sink/best environmentally–friendly substitute material

- Support ITTO member economies achieving their decarbonized society

- Using wood in construction - reduces the carbon footprint of buildings/houses in comparison to other materials.
- WOOD offers great potential to transform the construction industry’s greenhouse gas emissions, and in turn will help economies to fulfil their NDC commitments.

 **the future made from wood!**



In conclusion ...



- The sustainable management of tropical forests, forest-based enterprises and international tropical timber trade **add value to tropical forests** and **contribute significantly to inclusiveness and resilience** while improving economies and livelihoods.
- **Further investments** in sustainable tropical forestry and forest enterprises are needed for promoting **inclusive and resilient solutions** that produce positive outcomes for people and the environment in a circular economy.
- **Multi-stakeholder involvement and gender parity are critical**—empower decision-making = social, environmental and economic benefits = achievement of the 2030 Agenda.
- **Tropical Forests functions - Carbon sequester and storage – USE of wood products provide Carbon storage for the life of any product – mitigates climate challenges!**



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Other reports



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



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