

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



Structure

- 1. Project background;
- 2. Project outputs
 - Policy Improvement;
 - Strengthened capability;
- 3. Project follow-up;
- 4. Findings and recommendations.

1. Project background

- Duration: 2 years, started from November, 2021
- Inputs: US\$ 361,100, including:
- ITTO budget: US\$ 339,500 (grant fund from Japanese Government)
- Counterpart budget: US\$ 21,600 (VIFOREST contribution)

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• Implementing agency: VIFOREST



• Objective:

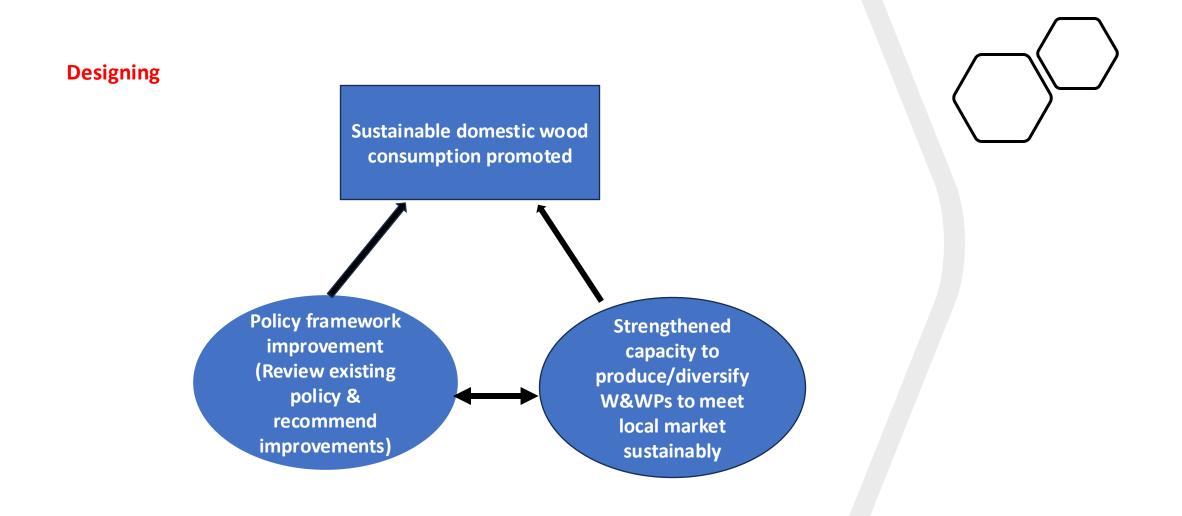
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Enhanced and diversified domestic consumption and promoted local markets of wood & wood products

• Outputs:

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



2. Project outputs

Policy Improvement

2.1. Policy Review

 Learning overseas experiences and lessons through ITTO consultancies

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



 Report on the policies and initiatives for the promotion of sustainable wood use in Japan February 2022
Osamu Hashiramoto

2. Review of the policies and initiatives for sustainable wood use promotion in Japan

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Tajji Fujisaki
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Institute for Global Environmental Strategies (IGES)

3. Policies and initiatives for sustainable wood use promotion by public and private sectors in the USA and Europe (Input to ITTO Project PDD/21 Rev. 1.2 "Promotion of Sustainable Domestic Wood Consumption in Vietnam")

Reviewing local policies

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

- June 2022, Project contracted Dr. Hoang Lien Son, FEREC Director, for reviewing the Vietnamese policy framework effecting domestic consumption of wood and wooden products.
- July 2022, Project posted publication of Dr. Hoang Lien Son on Tropical Timber Market Report Volume 26 Number 13 1st – 15th July 2022.
- □ The Review Report has been shared with related agencies/institutions.

Tropical Timber Market Report

Volume 26 Number 13 1st – 15th July 2022



The ITTO *Tropical Timber Market (TTM) Report*, an output of the ITTO Market Information Service (MIS), is published in English every two weeks with the aim of improving transparency in the international tropical timber market. Its contents do not necessarily reflect the views or policies of ITTO. News may be reprinted provided that the ITTO *TTM Report* is credited. A copy of the publication should be sent to ti@itto.int.

A special contribution from Dr. Hoang Lien Son, Director of the Forest Economics Research Centre, Vietnamese Academy of Forest Science However, the share of locally sourced wood has been gradually taking over the imports. The imports contributed 70% of raw material input used in Vietnam's wood industry in 2010, the rest of 30% was covered by imports.



2.2. Field surveys to verify findings and primary recommendations from the Policy Review

Initial findings and recommendations from Policy Review



- □ The area of commercially planted forests (concentrated) added with 1.3 million hectares 2011 2020, and reached limit size;
- The annual supply of locally sourced raw wood amounts to over 40 million M3/year (much more than the estimate of administrative agencies – around 20 million M3!);
- Annual imports of raw wood varying between 7 9 million M3n and with the species and origin/country filters under VPA/FLEGT and VNTLAST, legality of imported wood is well assured;
- □ With the national ban on natural forest logging from 2016, almost no wood legality risk, if land tenure is verified and legality evidences (paper and digital evidences available);
- Plantation co-ops/associations need further support to ensure certified and larger-sized wood;
- Diversifying multiple local wood consumptions for housing/building structures and biomass energy at industrial and micro/household business levels is a must;
- □ Efforts to connect leading companies/processors and traders with wood villages and plantation co-ops/associations ned to be strengthened.

2.3. Consultations with various stakeholder groups to verify the current situation and compile feedbacks



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Table & chair



Wooden statue





Wooden house



Cabinet



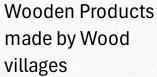
Wooden painting





Wooden vases

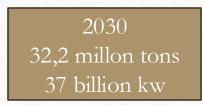
Worship



2.4. Providing contributions to decision making on policies to promote domestic consumption of wood and wood products and consultations with relevant stakeholder groups

Output 1: Improved policy framework to drive domestic consumption of wood and wood products Indicators Project provides contribution to formulate Vietnam's renewable energy development strategy toward 2030, vision to 2050:

- Prioritize the use of biomass energy for power production using wood pellets. Increase the rate of using waste from industrial and agricultural crops for energy purposes from about 15% in 2015 to 25% in 2020, about 40% in 2030 and afterward.
- □ National demand for biomass energy in 2030 and 2050 for power generation:



2050 362,5 millon tons 85 billion kw



2.5: Policy supports to shift from short-term to longer-term plantation business/extending harvest cycle to produce larger wood for housing and furniture making by linking plantation-farmer co-ops/associations with lead companies/processors and traders.

Supporting Forest Department to hold seminar/dialogues with wood companies on sustainable supply chain of locally sourced timber. This includes large-size timber production and sustainable forest management.

There are over 100 leaders of wood associations and wood/forest companies joined this event.



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DEPARTMENT OF FORESTRY



Prof. Tran Quang Bao, Director of Forestry Department, delivering speech at dialogues on 9 August 2023 in Binh Duong Province

2.6: Propose strategy/policy to shift from short-term to longer-term plantation business to produce larger wood for housing and furnituremaking through linking plantation-farmer co-ops/associations with lead companies/processors and traders.

6 March 2024, Project supported LocoForest to hold the "regional meeting" for the Asian countries, sharing information on Vietnam experiences in linking wood companies with plantation households to improve performance of acacia plantations and quality of planted wood.







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

12 Sep 2023, MARD issued decision of 317/QĐ-BNN-LN on action plan for implementing strategy for sustainable and efficient development for wood industry for period 2021-2030. This includes following points:



- Prioritizing product groups with competitive advantages, higher added value, stable market demand. Focus is given to high-end indoor furniture (tables, chairs, beds, cabinets, kitchens, decorative tables, shelves, bookshelves...) and outdoor/garden furniture (swing chairs, slides, parasols), wood-based panels, wooden handicrafts and wood pellet.
- Promoting wood product consumption in the domestic market and better marketing in main export markets, including US, Japan, Korea, EU, China and exploring new export markets.
- Developing intensive plantation business to improve yield and quality of planted wood, meeting 80% or more needed for Vietnam's wood industry; 95% of seedlings are properly controlled for qualities and origin assurance;
- □ Linking wood processing enterprises and forest owners to establish concentrated areas of large timber forests; increasing yield and quality of planted forests up to 20 m3/ha/year by 2025 and 25 m3/ha/year by 2030.
- Effectively implementing mechanisms and policies to support and encourage investment in large timber forests associated with sustainable forest management and forest certification.





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





PROMOTING SUSTAINABLE FOREST MANAGEMENT

On 5 Sep 2023, MARD issued instruction on expanding areas of certified production forests either by FSC and/or VFCS-PEFC. The overall goal is to get 100% made-in-Vietnam wooden products with wood harvested from sustainably managed forests in 2030.

Activity 1.4: Propose strategy/policy to shift from short-term to longer-term plantation business to produce larger wood for housing and furnituremaking through linking plantation-farmer co-ops/associations with lead companies/processors and traders.

Project worked with TH VIFOREST to investigate the potential of paulownia tree (cây hông) plantation development in Thanh Hoa Province.

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



Nursury practice and Paulownia plantation in Thanh Hoa Province.



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

Households are expected to get better benefits from largesize timber plantation. Getting higher income from selling larger timber plus carbon credits, and PFES.



Activity 1.4: Propose strategy/policy to shift from short-rotation to longer-rotation plantation business to produce larger wood for housing and furniture-making through linking plantation-farmer/ co-ops/associations with lead companies/processors and traders.



Dr. Tetra Yanuariadi, ITTO projects manager, taking fstudy tour of two-year eucalyptus plantation on 31 May 2023 in Bac Giang Province



Develop strategy/policy to shift from short-rotation forest plantation to long-rotation forest management to produce larger wood for housing and furniture focusing on linking plantation-farmer co-ops and lead companies/processors and traders.

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



15 June 2022: Project received delegation of Timber Exporters' Association of Malaysia (MTC). Leaders of VIFOREST, BIFA, DOWA<u>, HAWA</u> <u>meet leader of MTC and signed MoU of cooperation to promote timber</u> trade.







MbUsigning by MFOREST, DOWA, HAWA at Hochiminh City



Develop strategy/policy to shift from short-rotation forest plantation to long-rotation forest management to produce larger wood for housing and furniture focusing on linking plantation-farmer co-ops and lead companies/processors and traders.

Output 1: Improved policy framework to drive domestic consumption of wood and wood products Indicators 28 Nov 2022: Project cooperated with BIFA and VNFOREST to hold exposure visit to Minh Duong Furniture Company At the factory, participants investigated the management of supply chain and trading.







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

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Activity 2.1: Improve skill capacity to design and development of wood products

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

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1.1: On 22/04/2022: Project and Mien Trung University of Civil Engineering (MUCE) co-holding the seminar on Job Opportunities and Career Development in Wood Industry Sector for students from architecture and civil construction universities







Activity 2.1: Improve skill capacity to design and development of wood products

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

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1.2: In May – June 2022: Project contracted TAVICO to build wooden house at the campaign of MUCE.





Conducted Festival of Young Designers/Students from Architecture and Civil Construction Universities at the Campus of MUCE

Between 20 and 24 April 2022, Project and MUCE held Festival of Young Designers/Students from of Architecture and Civil Construction Universities at the Campus of MUCE.



Mr. Ngo Sy Hoai, Project Coordinator, and leaders of MUCE, architecture association are at the festival's opening ceremony.



Architecture students and lectures coming from 24 universities jointed into this event.

Video of the event: https://www.youtube.com/watch?v=vwmiuderIro



Activity 2.1: Improve skill capacity to design and development of wood products

1.4: Support College of Wood Industry and Interior Design (WIC) to hold design contest: "Tropical hardwood in architecture and interiors".

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

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Mr Ngo Sy Hoai, Project Coordinator, meets with Assoc. Prof. Ly Tuan Truong, Director of WIC on 5 Oct 2022. Conduct 1 contest on the best designs of WP using Japanese hinoki/sugi and Vietnamese acacia wood.



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1.5: Workshops and Communications/Consultancies on the planned design contest: "Tropical hardwood in architecture and interiors".





Mr Ngo Sy Hoai, Project Coordinator, participating in workshops at Hanoi Architectural University and University Of Industrial Fine Art



Activity 2.1.2: Conduct Contest on the best designs of WP using Japanese hinoki/sugi and Vietnamese acacia wood.



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Mr. Ngo Sy Hoai, Project Coordinator and Dr. Cao Quoc An, Chairman of the Council of Forestry University, presenting the first prize to winner Hồ Phương Bảo from HAU with designing project "HANOI Chair".

1.6: On 9 January 2024, Project and Collage of Wood industry and Interior Design (WID) hold GALA on Design Contest 2023.

Introducing innovative techniques and technologies for bio-energy development

Output 2: Strengthened capacity to produce wood and wood products to meet local market demands & promote local consumption 2.1: Contracted local experts to investigate biomass use in domestic market and conducted communications on national TV. The potential of industrial use of wood pellet for co-firing at power plants and for cooking/drying agro-products with improved cookstoves is investigated and promoted. The Project Coordinator has delivered presentation at the national conference on co-firing (fossil and biomass/wood pellet) at Ninh Binh Thermal Power Plant







Residue from local wood industry collected in the factory to make charcoals.

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Two technologies use to make wood charcoals: 1- Pressing residues into a cylinder-shape charcoals and 2- Using biomass gasification to carbonize and further press to produce very hard charcoal.

2.2: Project worked with wood charcoal companies to introduce technology on highdensity charcoal production utilizing saw dust and wood residues. This type of high-density charcoal is for local consumption and export to EU, US and South Korea for cooking and heating.



High-density charcoals possess certain advantages:

- Much longnger heating than normal charcoal (about 7 heating hours per burning/combusting;
- Environment friendly products/ renewable energy;
- Effective use of wood waste and contribution to mitigate climate change.







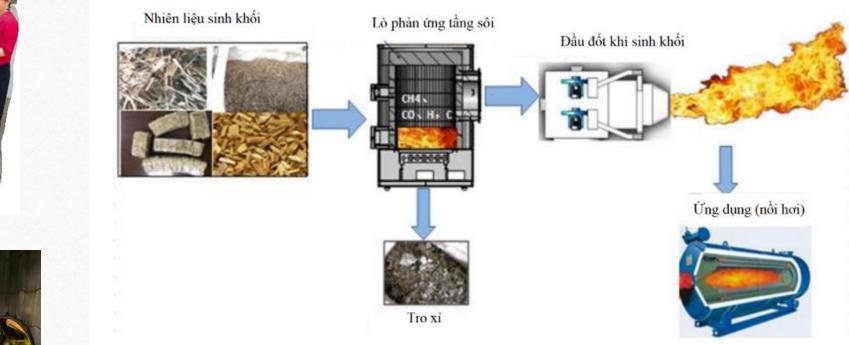
Encouraging high-density charcoal producers to become members of VIFOREST and set up sub-association under VIFOREST.







Introducing innovative technology for tea drying using wood waste





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Using bio-energy fafter gasification has more advantages than just burning firewood. Higher efficiency of heating/drying, fewer labor cost, saving 1/3 biomass/firewood and non smoke and less ash.

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



From 19 to 20 December 2023, Project supported VN forest certification office to hold workshop and exposure visits to Nghe An Province. The purpose of this workshop cum study tour was to link biomass supply with forest certification.



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



Mr. Ngo Sy Hoai, Project Coordinator, delivering presentation on sustainable forest management and wood industry. Output 2: Strengthened capacity to produce wood and wood products to meet local market demands & promote local consumption Project collaborated with USAID funded project Link SMEs to promote links/partnerships between farmers and lead companies







Arrange B2B matching/meeting for selected Japanese and Vietnamese companies

From 20 to 24 September 2023, Project and Japan Wood Export Association organized B2B meetings for Japanese and Vietnamese companies at Vietbuid Fair 2023. Meetings aim to promote wood products made of domestic acacia timber and hinoki/ sugi timber.



B2B meetings between Japanese companies and Vietnamse companies at Vietbuild Fair 2023

Arranging B2B meetings/matchings

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



Mr. Ngo Sy Hoai, Project Coordinator, guiding delegations to visit wooden furniture showroom

Arrange B2B matchings for selected Japanese and Vietnamese companies

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Project organizing exposure visits for Japanese companies to visit Vietnamese companies to learn and share experiences on wood processing and marketing.



Delegation visited hinoki/ sugi timber house in Hanoi and acacia/ eucalyptus timber products in wood villages in Hai Phong and imported wood in Hai Phòng Port and wood-chips and wood pellet in Quang Ninh Province.

Arrange B2B match-meeting for selected Japanese and Vietnamese companies

Project organized exposure visits for Japan Wood Export Association to communicate with wood-product producers and suppliers in Thanh Hoa and Nghe An provinces. Visit aimed to link/promote trade and use of locally sourced acacia/eucalipstus timbers.



Meetings and field visits to Thanh Hoa Industry Company and Dong Tam Wood Company and Lam Thanh Hung Wood Company.



2.4: Support micro businesses/wood villagers to get better access to and proactively participate in trade Fairs/Shows

Cooperation with DOWA and TAVICO to hold two Wood and Interior Trade-Fairs/Shows from 2022 in Dong Nai Province. These Trade Fairs/Shows aimed to promote sustainable wood use in domestic market.

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



Mr Ngo Sy Hoai, Project Coordinator, delivers speech at the Wood and Interior Fair 2022





Trade Fair 2023



Support redirection/revert of export-target furniture to local market and to Vietnamese consumers.





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

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Supporting Woodworking Machinery Shows

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Showroom of Project at Exhibition to introduce Project: "Promotion of sustainable domestic wood consumption in Vietnam". Showroom shows publications and activities of Project.



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Guiding micro businesses to use YouTube, Facebook and other applications to sell wood products.

Supporting dialogue between MARD/MOIT and wood operators.

Mr. Nguyen Tien Luc - Vice Director of Forestry Department worked with wood villages to discuss about difficulties and potential efficient policies to promote sustainable development for wood villages

Activity 2.4: Upgrade capacity to comply with legality requirements and forest law enforcement

Project worked with local forest departments to exchange information on timber legality regulations and assess training needs.



Mr Ngo Sy Hoai Project Coordinator meets with leader of Binh Duong Forest Projection Department at Binh Duong Province on March 2024



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



Expert and local forest ranger provide training for wooden households in HCM City

On-site training courses for wood households and wood companies to comply with VNTLAS regulations and improve capacities for marketing and designing.



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On-site training course

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Training for LEC Group in Baria Vung Tau Province





Training provides the following experiences and knowledges:

- 1. Production management;
- 2. Supply change management
- 3. Business classification
- 4. Design
- 5. Trade protection
- 6. Taxation and customs clearance

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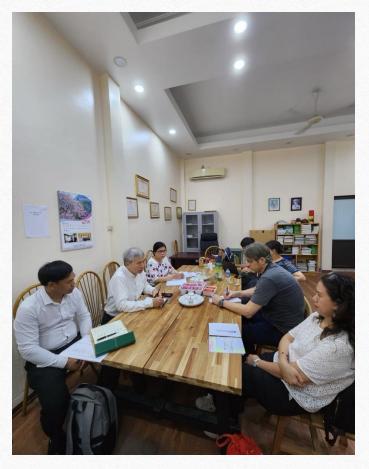
Supporting households and companies to comply with VNTLAS and get readiness for FLEGT licensing.



International experts meet with leaders of Hoang Phat Co.,Ltd in Huu Bang Wood Village



Meeting with Ms. Dang Thi En, Vice Chairman of Van Diem Wood Village Association to check document recording/booking for DDS applied to imported wood under VNTLAS.



Mr. Hoai, Project Coordinator, meeting with international experts in project office





Activity 2.4: Upgrade capacity to comply with legality requirements and forest law enforcement

April 2024, Project supports EU experts to visit wood villages



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

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Training on due diligence practice

* 300 participants/ enterprises trained * 80 wooden households trained









Guiding Ghana Delegation to meet with VIFOREST, HAWA, BIFA and visit a large range of Vietnamese wood processing and trading companies.



Officials of Forestry Department receives Ghana delegation at office of MARD

Leaders of BIFA and HAWA receives Ghana delegation at HoChiMinh City and Binh Dương Province



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

Communication on legality requirement/ FLEGT lisencing – setting up online Q&A at VIFOREST Website



VIFOREST showroom at VPA/FLEGT workshop on 27&28 Oct 2022 in Binh Duong Province

Chào mừng bạn đến với trang thông tin của Hiệp hội gỗ và Lâm sản Việt Nam 17/ 189 Thanh Nhàn, Hai Bà Trưng, info@vietfores.org.vn/ info@vietfores.org Tel: 84-24-37833016 : Hotline: 84-983477178 189 Ina Hà Nội * VIFORES HỘI VIÊN TIN TỨC ĐÀO TẠO HỎI ĐÁP VỀ TRÁCH NHIỆM GIẢI TRÌNH VÀ VPA/FLEGT TRANG CHỦ PHÒNG VỆ THƯƠNG MẠI XTTM LIÊN HỆ HỔI ĐÁP GIẢI TRÌNH GỖ NHẬP KHẨU DỊCH VỤ CÔNG -NGÀY TRẢ LỜI TIÊU ĐỀ Cung cấp thông tin cập nhật về các quy định pháp lý về giải GIẨM THIỀU RỦI RO GỖ NHẬP KHẨU TỪ GHI-NÊ XÍCH trình gỗ nhập khấu bao gồm: ĐAO QUY ĐINH PHÁP LÝ VỀ GỔ Kính gửi doanh nghiệp, Quy định pháp lý của quốc gia khai thác Công ty chúng tôi nhập khẩu gỗ gõ đỏ có tên khoa học là Afzelia xylocarpa từ Ghi-nê Xích đạo. Chúng tôi 1. Ăn gô la (Angola) được biết đây là quốc gia thuộc vùng địa lý không tích cực nên để giảm thiếu rủi ro, doanh nghiệp chúng 2. Camorun (Cameroom) tôi phải làm gì? 3. Công gô (Congo) 4. CHDC Công gố (DR Côngp) Trân trọng cảm ơn 5. Ghi nê xích đạo (Equatorial Guinea) 0983.477.178 TRẢ LỜI 6. Ga bông (Ghabon) 7. Ga na (Ghana)

VIFOREST hotline to receive and answer questions for VNTLAS and due diligence



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Output 2: Strengthened capacity to produce wood and wood products to meet local market demands & promote local consumption Communication on legality requirement/ FLEGT lisencing on national TVs



TV show for wood trade and VPA-FLEGT





TV show for due diligence and trade defense



4. Project follow-up activities

Collecting Feedback:

VIFOREST continues to collect feedbacks from all stakeholders for gathering insight successes and challenges on domestic market. VIFOREST held two meeting with wood village and supper-small scale businesses to support them for business formalization and linking. Meetings aim to getting feedbacks and recommendation for households better compliance with timber legal requirements.

Organizing Workshops or Meetings:

From Sep-Oct 2024, VIFOREST held three workshops for wood businesses and timber association in Hanoi, Nghe An and Dong Nai Province. Workshops aim to raise awareness and knowledge on due diligence and business classification under VNTLAS.

Scaling or Expanding:

VIFOREST will maintain partnerships with the Hanoi and Ho Chi Minh City Universities of Architecture, as well as the Mien Trung Construction University in central Vietnam, to conduct limited demonstrations of planted-wood structures. This initiative aims to cultivate a new generation of dedicated young designers and architects to support the sector.

Policy Recommendations:

- VIFOREST establish team to support DoF to prepare guidance of EUDR implementation.
- VIFOREST held two meeting with wood village to gather feedbacks and recommendation on business and marketing and biomass fuel energy. VIFOREST will support stakeholder to raise their voice for government to prepare and promote policies/ strategies to support for sustainable wood use for domestic market.



Desining Contest for young designers



Student from Architecture University delivers her wooden furniture design for voting on October in Hanoi



Award ceremony in the Vietbuild Construction International Fair Exhibition in Hanoi on 27 Nov 24.



<u>Regular gathering of wood-industry villagers</u>



Wooden households from wood villages of Dong Ky, Lien Ha, Huu Bang, Vam Diem meetings at the village communal house on October in Hanoi



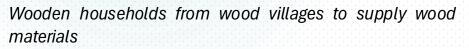
Participants visited factory of local wood household in Lien Ha wood Village.



Cross-visits of micro busineses

VIFOREST organized exposure visit to learn and share experience on business. This trip aims to promote production and trade of wood products







Participants visited factory of local wood household in Doi Tam wood village in Ha Nam Province.





Close contacts and consultations with DoF on hot topics



Dr. Tran Quang Bao, Director of the Department of Forestry (DoF), and Mr. Hoai, Project Coordinator, participated in the Forest Day Ceremony organized by the Vietnam Farmers' Union (VNFU) on November 16 in Hanoi

Project follow-up

Setting up task-force group for EUDR readiness getting

VIFOREST setups team to support Department of Forestry (DoF) to prepare guidance for wood enterprise to adapt with EUDR. One document will be established by DoF on December of this year.



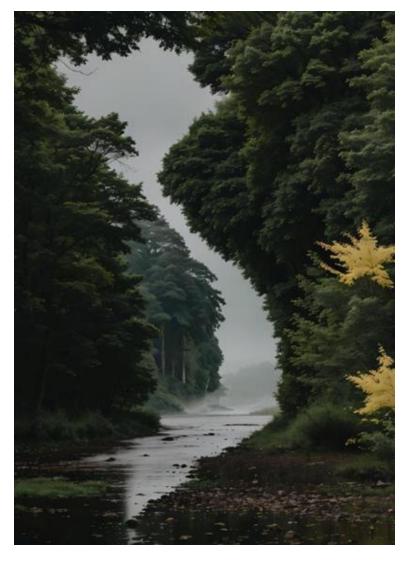
Testing for guidance to adapt with EUDR in Tan Uyen, Binh Duong Province



Survey on supply chain management in Woodsland Tuyen Quang.

5. Findings and Conclusions

- 1. With simple design and clearly defined objectives, Vietnam-ITTO cooperation Project PD 922/21 Rev.1 (I) has been successfully implemented, achieving defined objectives and expected outcomes. ITTO rules and Vietnamese regulations applicable for project budget disbursement have been strictly complied;
- 2. The Project has integrated various processes/initiatives to promote wood consumption and SWU in Vietnam. Wood industry villages/micro businesses have been facilitated to diversify wood use in domestic market and confident to prepare for VPA/FLEGT implementation and and EUDR compliance.
- 3. VN emerged as a top WP manufacturer/exporter in the global market, while its local market does not get adequate attention to succeed with SWU, meeting the need of over 100 million VN population. This Project has been designed and implemented in the right time taking into consideration the impacts of the pandemic on wood industry.
- 4. Improved policy framework and strengthened capacity for WP designing, promoted link between plantation farmers and wood processors/traders, diversified wood use with special attention to improved biomass fuel use etc. are all in need of further efforts to go further with SWU in Vietnam.
- 5. Vietnam is one of the top wood-biomass exporters. However, biomass energy is yet to be promoted in Vietnam. The project has demonstrated the new technology to use wood waste for tea and other agro-product drying and provided recommendation on biomass energy development in Vietnam
- 6. The Project has succeeded to advise the Government to launch the ambitious program on development 1 million ha of larger wood plantation to supply higher quality timber and upgrade the efficiency of commercial plantation industry in Vietnam.



Thank so much for your attention ! どうもありがとうございます

Domo Arigatōgozaimasu!







