



CROWN brand quality products ready for shipment.



Quality control and bundling of Meranti (Tanguile) in our Malaysian partners (CR) warehouse

## LUMBER

Rough sawn timber – also called Lumber - is the main raw material used for the production of furniture, doors, general construction, pallets & crating, and much more. FILTRA Timber is the Philippines' leading distributor of sustainably sourced lumber in a large range of species.



Understanding our clients' needs is the cornerstone of our sales work. We therefore mainly employ technical sales people, who themselves have been in wood manufacturing, purchasing, and forestry. This enables us to suggest solutions that will ensure that our clients can optimize their production, by choosing the best suited wood species, sizes, and qualities.

With our trusted partner suppliers around the globe – many of whom we have worked with for more than 30 years – we are ensured of the right quality, and shipment schedules being kept. This enables us to rely on regular shipments for our large clients, who are delivered direct, as well as keeping a balanced inventory where we ensure the availability of a full range of products.



### **Bulk orders**

Logs, veneers, and lumber in bulk and for direct delivery is our main volume business.



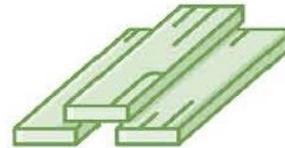
### **Full containers**

FCL or full container loads are delivered to bigger factories direct from port.



### **Bundle orders**

For medium sized clients we have a full range of species available by the bundle from warehouse.



### **By piece sales**

For prototypes, and smaller projects we offer sawn timber and plywood by the piece.

## BEST SUITABLE WOOD



Wood carvers, Boat builders, Door and Sash factories, Fine furniture makers, Producers of Musical instruments, Pallet makers, etc. The list is very long, and all our proud Philippines craftsmen deserve to have legal, sustainable and affordable wood available at any given time. Our job is to suggest the best suitable wood for any usage.

Wood is a natural material  
as different as people.

No two pieces  
are ever the same

Color, texture, weight  
depends on where  
it grows, how it is cut,  
dried, and ultimately  
how it is used



## QUALITY – GRADES

Most of the lumber we offer is graded to No 1 common, also called standard and better or AB grade, depending on the species and origin.

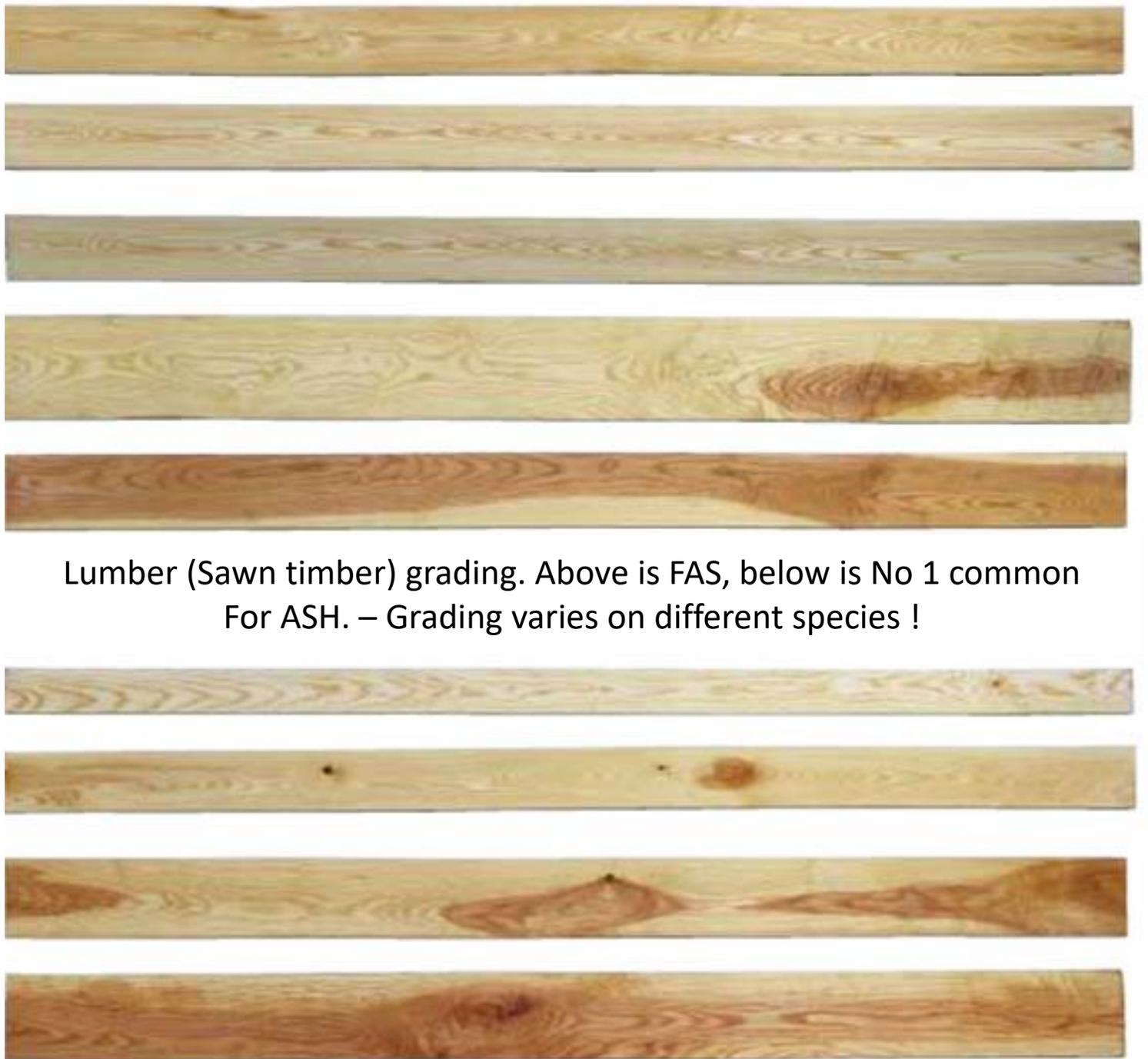
This is the most suitable grade for most purposes, and fully clear-from-defect lumber is most often far too expensive..

It is important therefore, to clarify the purpose of the raw material needed, and what it will be used for.

Will only one side be visible, or should both sides be clear of defects and/or which defects would be accepted, and in which lengths and widths.

Sound defects which is a natural part of wood such as sound knots, and sound sapwood is acceptable in all grades.

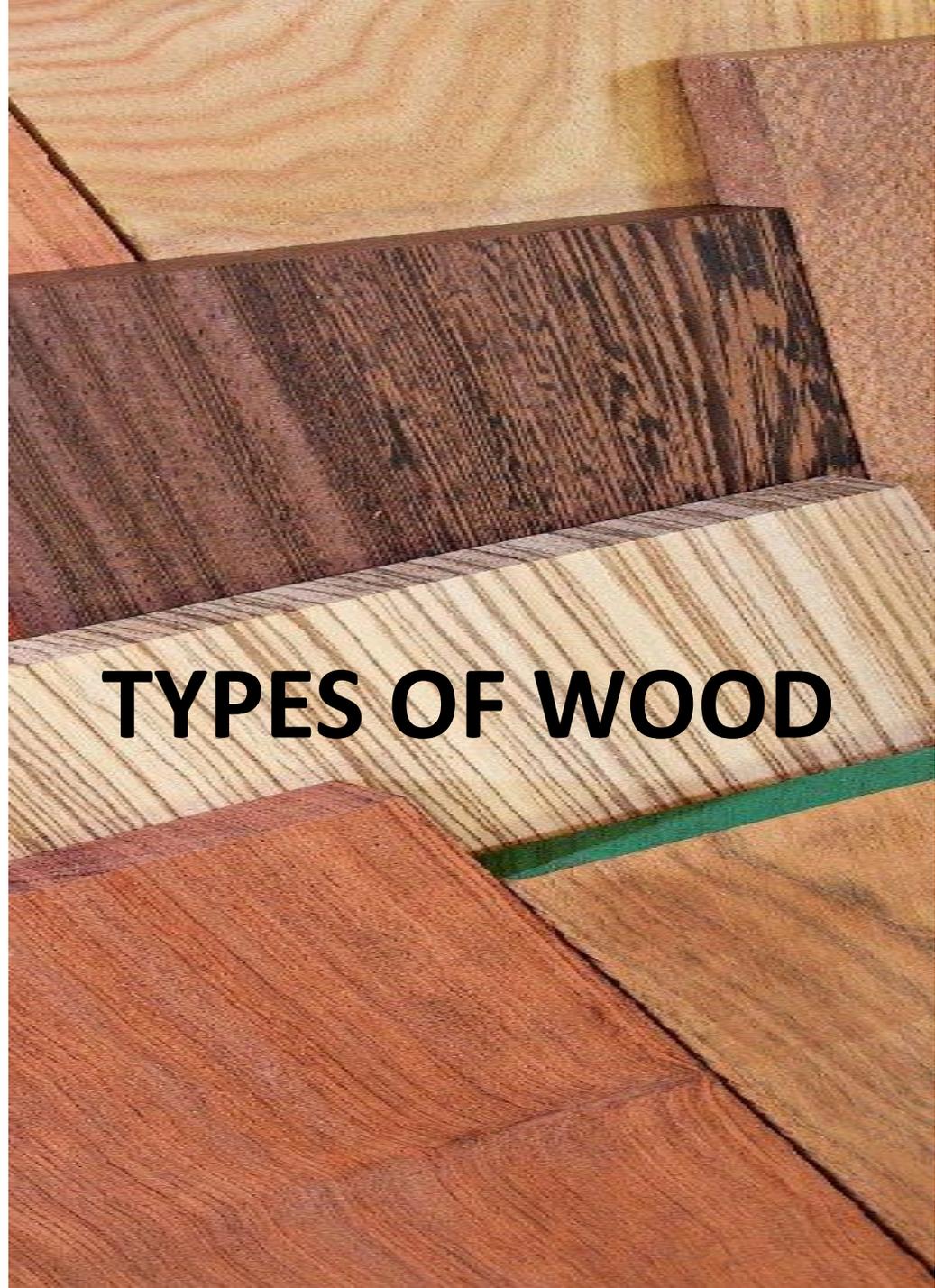
Let us talk about which grade will be best suitable for your requirements.



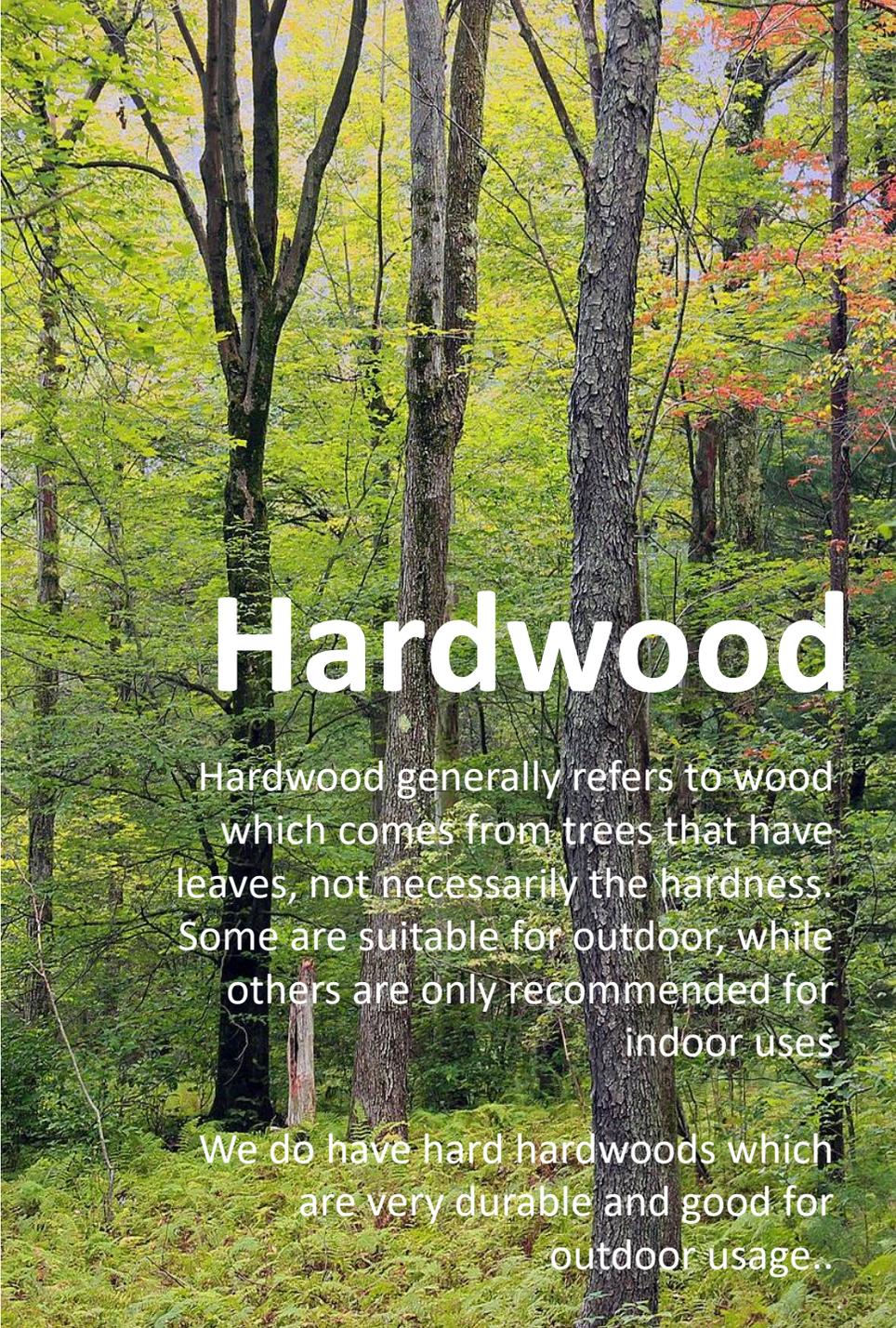
Lumber (Sawn timber) grading. Above is FAS, below is No 1 common For ASH. – Grading varies on different species !



**FILTRA Timber offers a full and diverse range of species from around the world.**



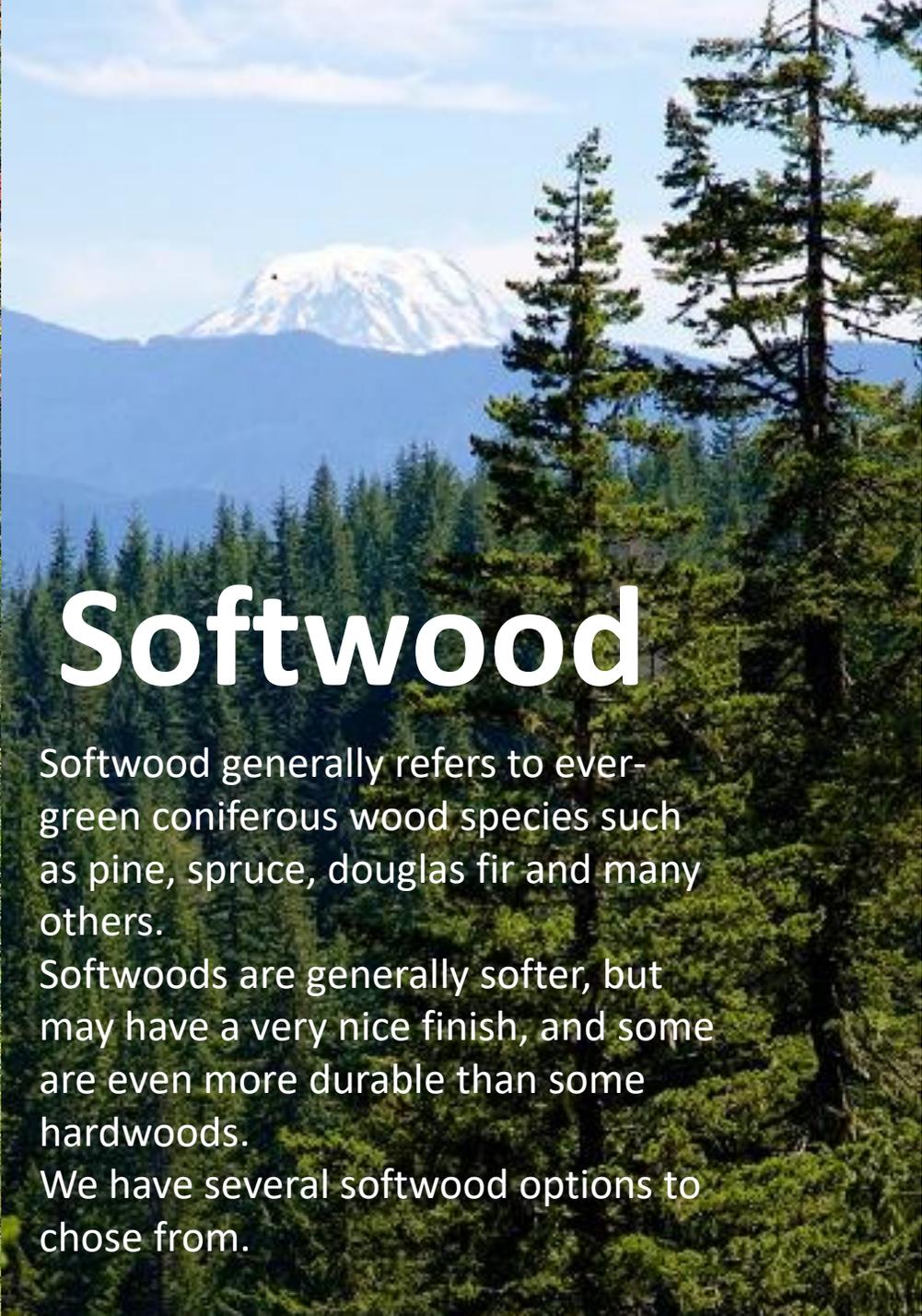
# TYPES OF WOOD



# Hardwood

Hardwood generally refers to wood which comes from trees that have leaves, not necessarily the hardness. Some are suitable for outdoor, while others are only recommended for indoor uses.

We do have hard hardwoods which are very durable and good for outdoor usage..



# Softwood

Softwood generally refers to ever-green coniferous wood species such as pine, spruce, douglas fir and many others.

Softwoods are generally softer, but may have a very nice finish, and some are even more durable than some hardwoods.

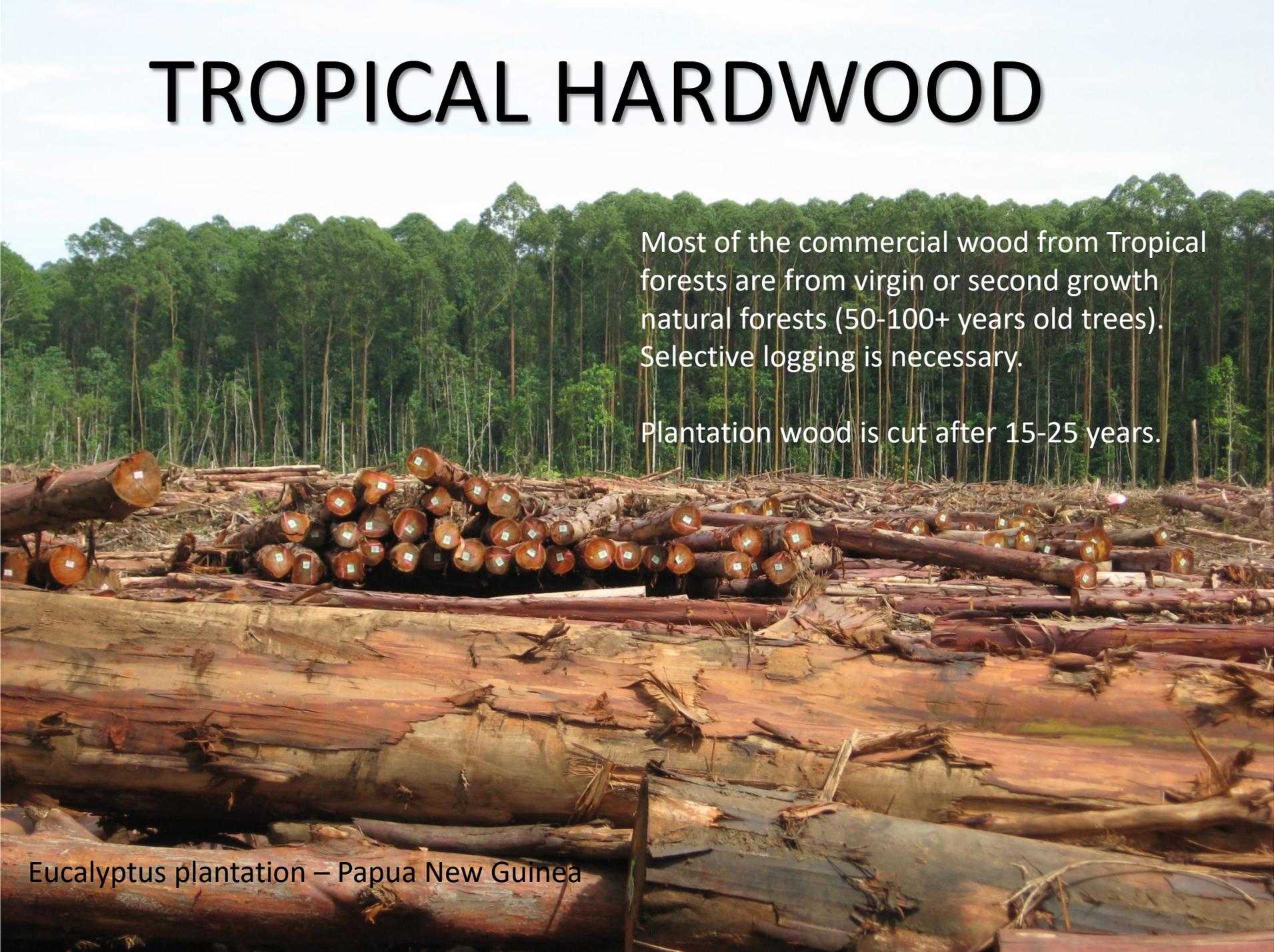
We have several softwood options to chose from.

# TROPICAL HARDWOOD

Most of the commercial wood from Tropical forests are from virgin or second growth natural forests (50-100+ years old trees). Selective logging is necessary.

Plantation wood is cut after 15-25 years.

Eucalyptus plantation – Papua New Guinea

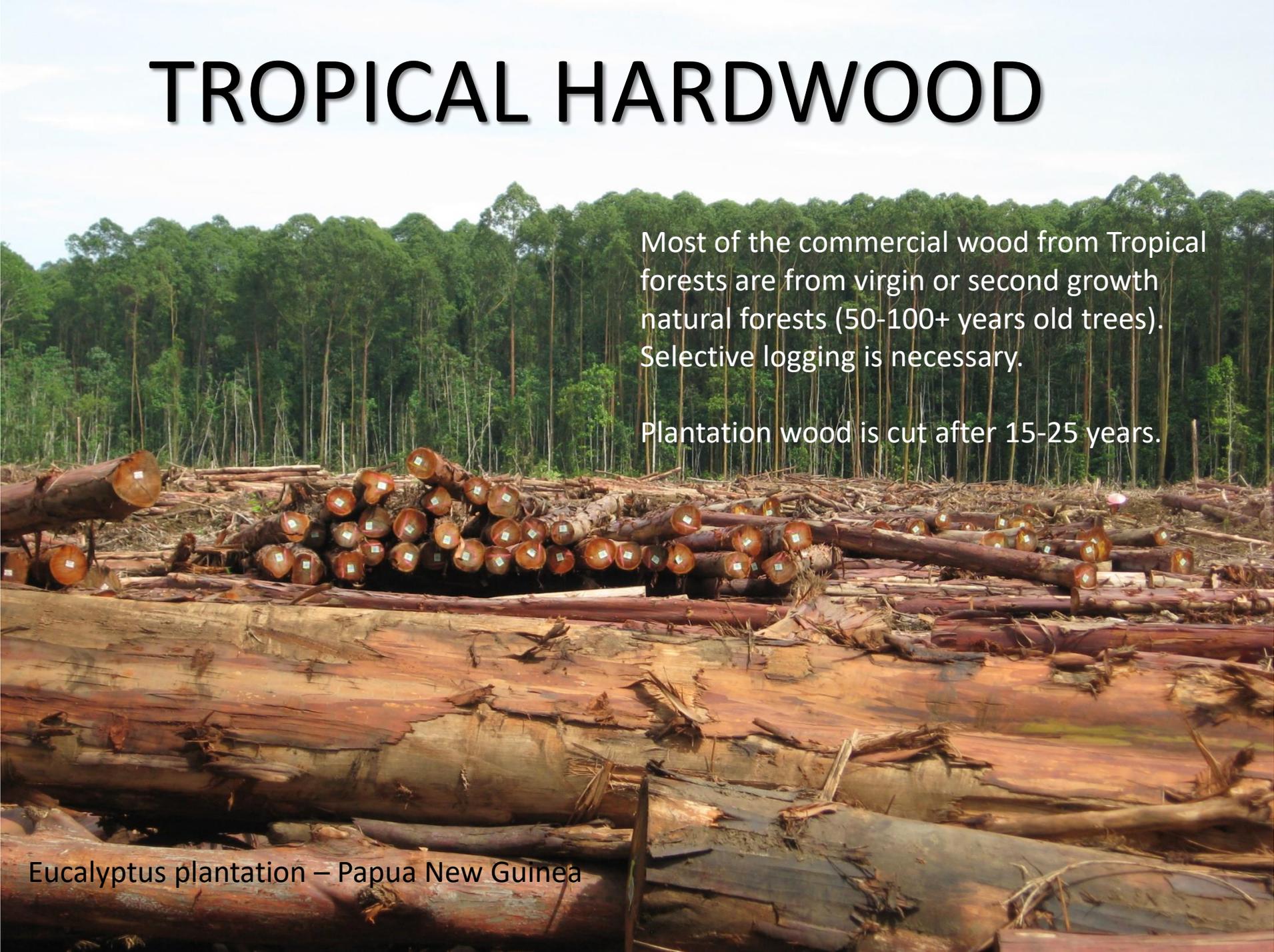


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# TANGUILE

Tanguile, or Lauan is the most common "natural Mahogany" type in the Philippines.

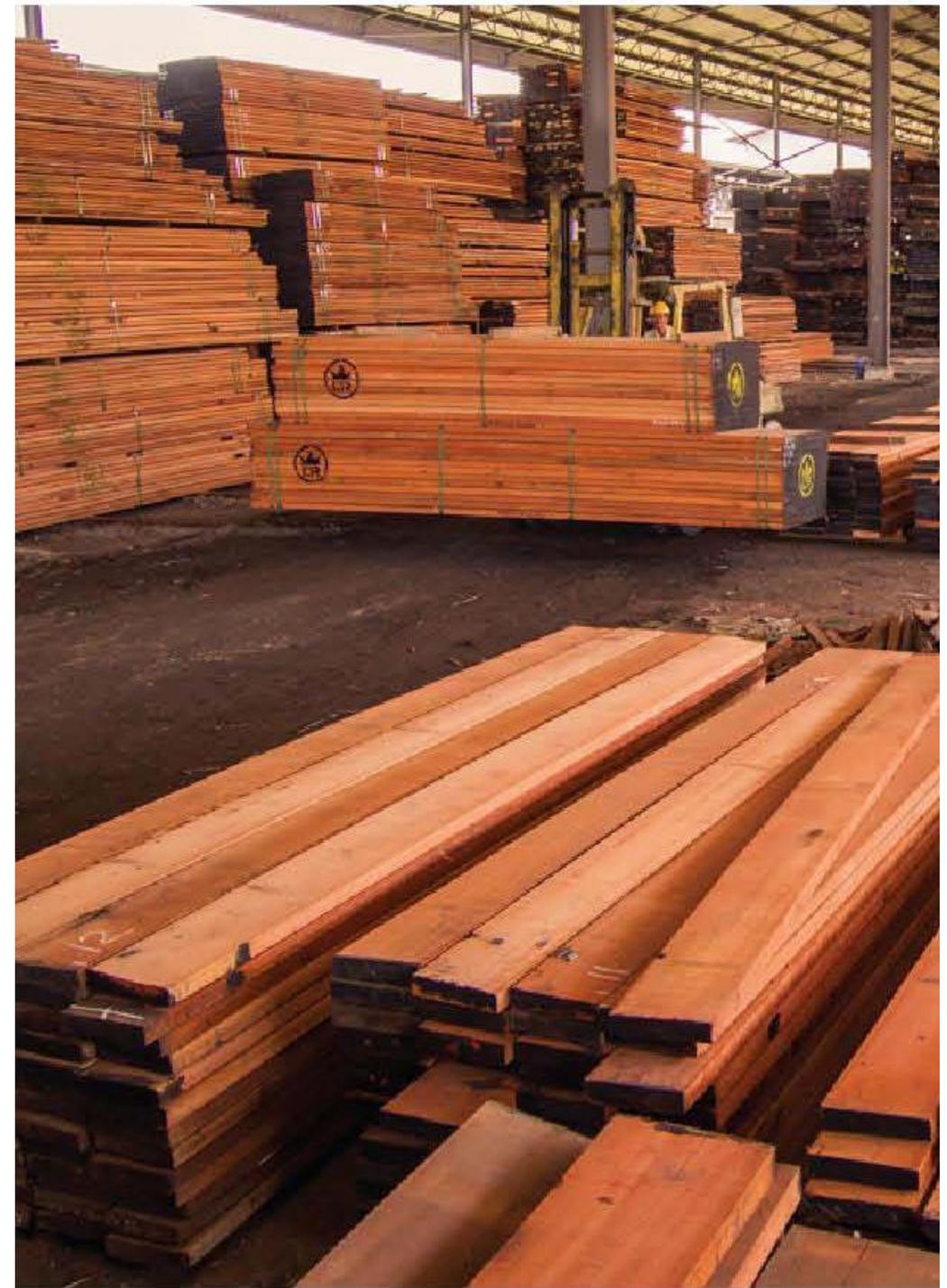
Technically when we talk about Tanguile we mean the very dark red from Luzon, while Lauan is more often the lighter variant which mostly comes from Mindanao.

It is banned for logging, so we have several good alternatives from imported and sustainable sources.

Meranti/Seraya – Same botanical species as Philippine Lauan, but grown in Malaysia

Okoume – Very similar to Lauan. Grown in Africa

Sapele, Sipo, Gombe, Khaya – Similar to Tanguile. Grown in Africa.



# MLH

Mixed light hardwoods from Malaysia are generally a mix of species. It can vary in color from Dark red, yellow, to light colored wood, and in density from light 450 kgs/m<sup>3</sup>, to heavy 700 kgs/m<sup>3</sup>, which makes it impossible to dry mixed.

We import AD MLH for the construction industry as it is the cheapest tropical hardwoods available.

It is also used for our plywood from Indonesia, but individually dried.

Species are all those species which are either non abundant in volume, or has no independent commercial value like Meranti, Balau, Keruing, and other.



# Heavy tropical spp.

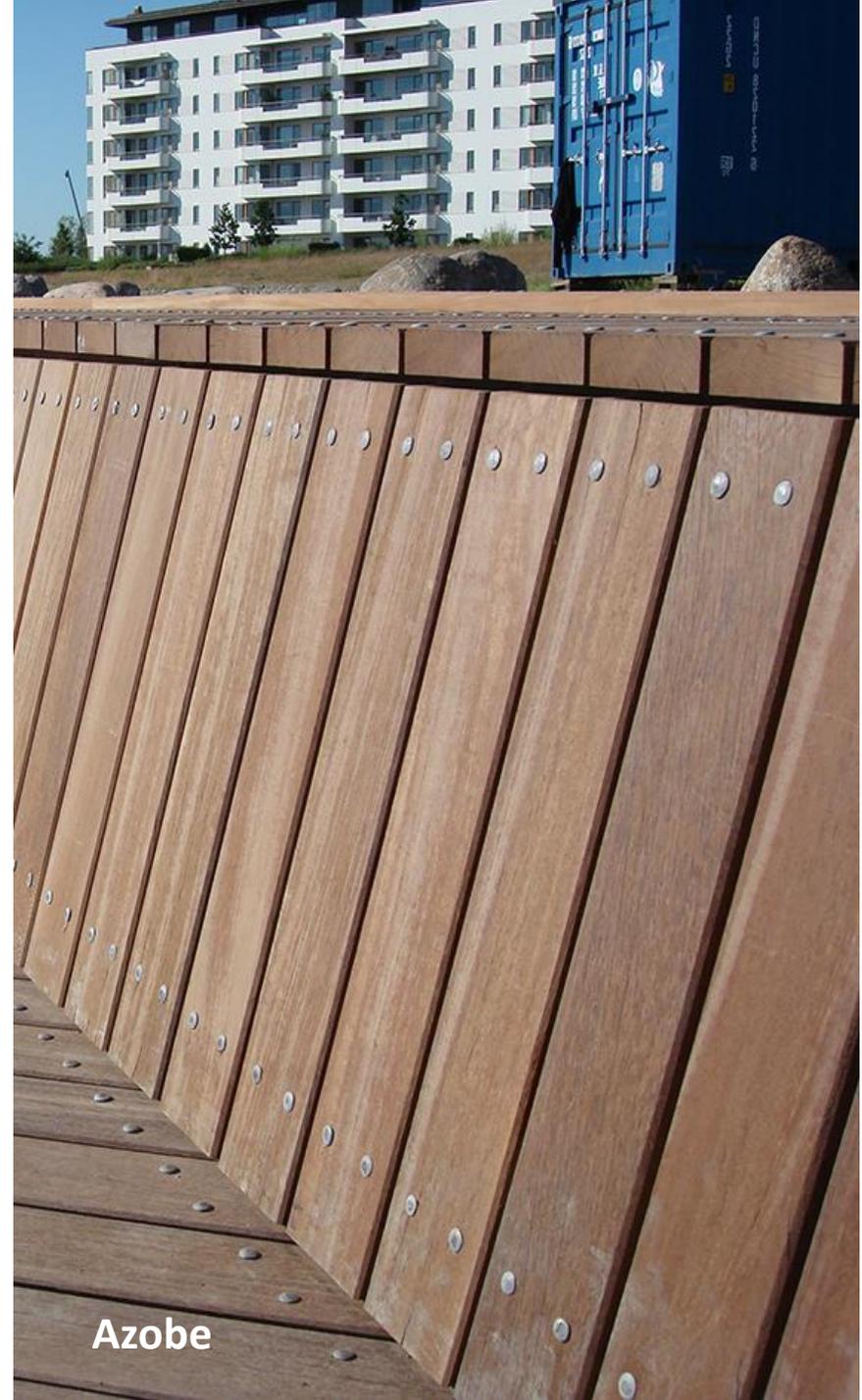
For heavy construction there is a range of tropical hardwoods, which are commonly used.

From **Malaysia and Indonesia** the main species are:

- Bangkirai – Phil. Yakal / Mal. Balau
- Selangan Batu – Phil. Guijo
- Keruing – Phil. Apitong (mainly truck-flooring and furniture)
- Kempas
- Kapur

## **Africa:**

- Azobe – Iron Wood (port building)
- Okan – Replacement for Yakal
- Tali – Replacement for Kempas.



**Azobe**

# Premium

Several Tropical hardwoods are considered premium species, and fetch a higher price for it's special attractiveness:

## Asia:

- Teak – the king of wood (Burma)
- Rosewood – (Palisander – Narra – (red/golden)
- Merbau (Kwila)

## Africa:

- Ebony – (banned in most countries. – similar to Kamagong).
- Wenge
- Padouk (similar to Narra)
- Sapele (similar to Luzon Tanguile)



**Burma Teak**



Most of the commercial wood from temperate forests was planted 50-100 years ago, and the forests keep growing, in spite of increased logging. Truly sustainable Forest management.

# TEMPERATE HARDWOOD

ASH



Ash is relatively fast grown (40-50 years), and has quite clear year-rings, which gives the species an almost softwood like look, but it is hard, and an excellent wood for indoor. Also called the tree-of-life by the Vikings. – Suitable for tool handles, furniture, flooring. Cannot be used outdoor. – Has darker heartwood

# BEECH



Beech is what Junckers flooring is mainly made from, but mainly Beech is actually used for furniture. Most of the Danish design classics are all made in Beech wood, and also dowels are almost always made of Beech due to its firm structure and high elasticity. Beech is purely for indoor purposes.

# BIRCH



Birch is mainly growing in northern Europe, and often together with softwoods as it requires quite cold climate. It is a much appreciated wood for quality plywood production, and in later years also popular for furniture where IKEA has made it more widely known. – Some say that it may be usable outdoor and for maritime purposes.

# CHERRY



Cherry is currently a bit out of fashion as it has been the brownish colors which have been in demand for furniture and accessories, but it may come back when the more reddish colors come back. It was a highly demanded species in the 80ies and 90ies. – Price currently low, but used to be similar to Walnut.

# OAK (White)



Oak is widely grown in Europe as well as North America. In Europe it is mostly white oak, while in the US the Red Oak is popular for flooring in the local market. Oak is durable also for outdoor purpose, and was used to build the ocean going ships already thousands of years ago. High value decorate wood for almost any purpose.

# POPLAR



Poplar grows in both Europe and North America. It machines very well, and is an increasingly important alternative to Gmelina, Mahogany, and other hardwood species in less regular supply.

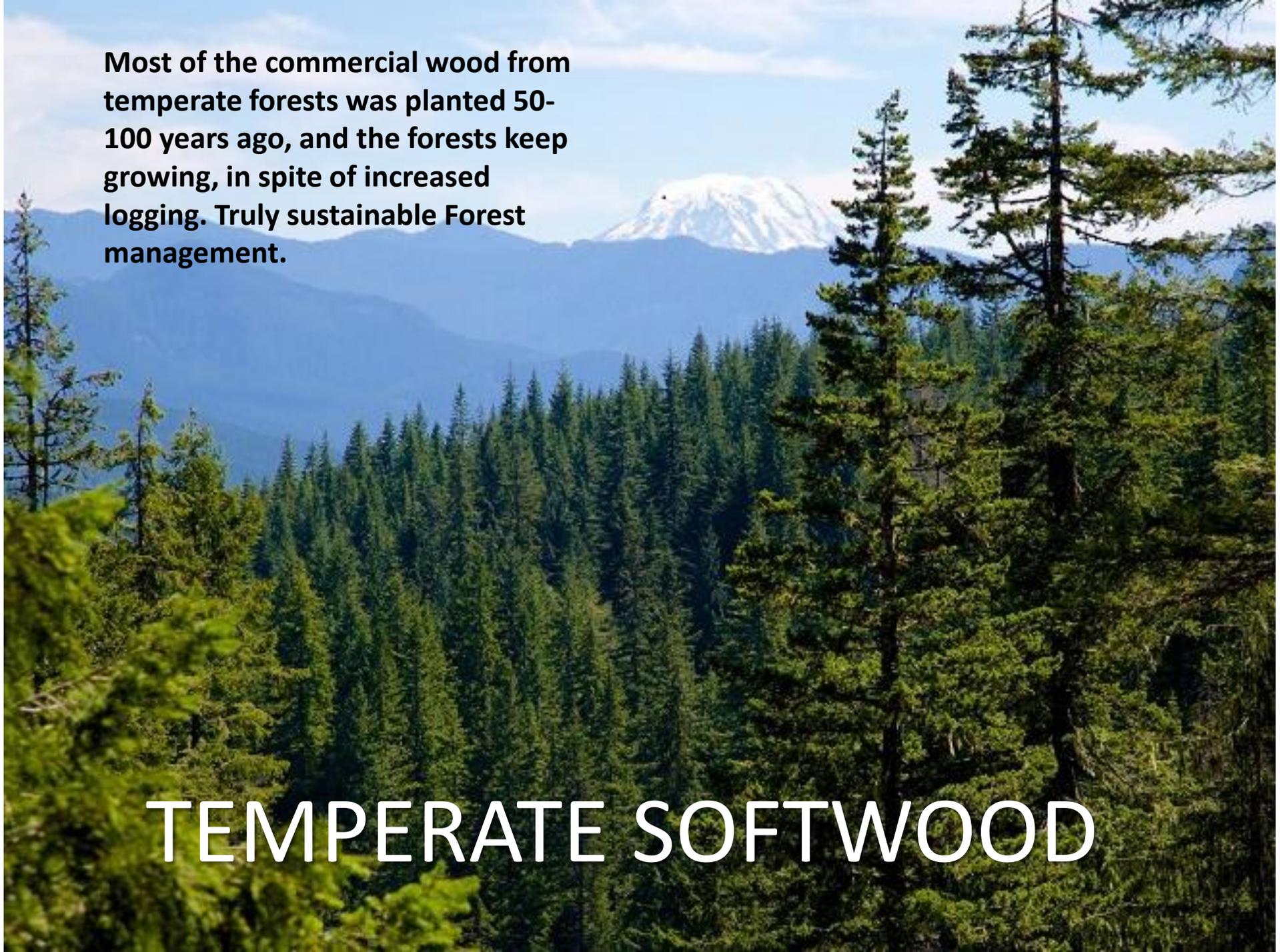
# WALNUT



Walnut is currently the most expensive temperate hardwood. This is mainly due to its color and texture, which has been in fashion for several years now. Walnut is mainly growing in north America, and it is slightly darker than European walnut. Mainly used for indoor high-end furniture and accessories.

**Most of the commercial wood from temperate forests was planted 50-100 years ago, and the forests keep growing, in spite of increased logging. Truly sustainable Forest management.**

**TEMPERATE SOFTWOOD**



PINE



Pine (redwood) can be used for almost anything. While it is somewhat soft, it is very versatile, and affordable. Our pine mainly come from Europe where it is old grown and quite stable. It can easily be treated and thus last as long as the naturally durable hardwoods. – Mostly used for joinery, and furniture.

# SPRUCE



Spruce (whitewood) is mostly used for construction, but is just as versatile as pine. It has lighter color, and smaller knots. It is also known to be used for flooring and furniture. Our pure spruce comes from Europe. It is part of SPF from North America, which is sold as construction and packaging wood mainly.

# LARCH



Larch is a denser and more durable European softwood, which can be used for outdoor purposes such as cladding and decking. It grown mainly in Russian Siberia, but may also be available from other countries. It often replaces Douglas fir or Western Red Cedar for outdoor purposes. Also good for decking.

# WRC



Western Red Cedar (WRC) is one of the most expensive commercial softwoods from North America. It is durable and possible to use for outdoor, where it is often used for outdoor cladding, decking, and similar. It has an aroma similar to that of Hinoki.

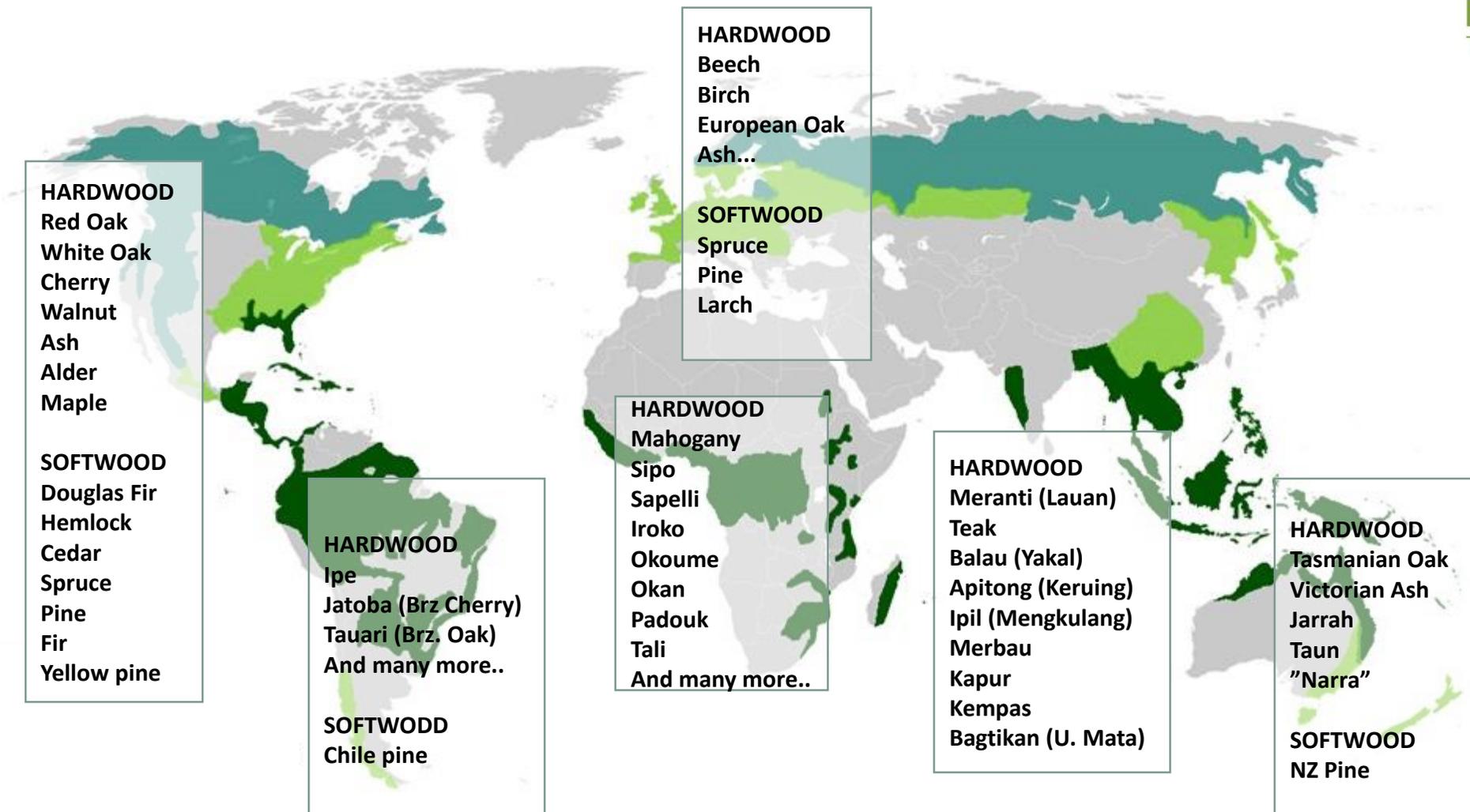


# Supplying the Philippines with sustainable wood products from all over the world



Diverse, Global, Sustainable - Affordable, and Available.

# What do we get from where?



Softwood

Softwood + Temperate Hardwood

Tropical Hardwood

# Our brand promise

Fulfilment solutions.



## Sourcing

International partners  
45 years experience in  
timber sourcing  
(local/international)  
Quality control  
Know-how

## Sustainability

Legal source  
Due diligence  
Ensuring your  
timber comply with  
Your clients  
requirements.

## Availability

Stocks available in :  
Philippines  
Vietnam  
Malaysia  
Europe

## Diversity

Global sourcing.  
Always a wood  
species to fit your  
requirements.

## Financing

Stocks available -  
pay when you  
need it

Lets you focus on your Production and sales.

# We to™ Talk wood!



FILTRA TIMBER is the trading name for the wood production activities of **Philippine and Scandinavian design, FILTRA inc.** which is our formal name.

**Philippine and Scandinavian design, FILTRA Inc.**

TIN # : 208-430-211-000

Date and place issued: November 16th, 2000 - Makati City.  
SEC Certificate No. A200017268

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