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IONWOOD
Good for you

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editorial

*A*lhamdulillah we are in year 2014. STIDC takes this opportunity to wish everyone a happy and prosperous New Year. This year, according to the Chinese zodiac is the Year of the Horse, symbolising freedom, strength, power, beauty, grace and nobility among other things. It is hoped that these values would be the source of inspiration among the industry players for their future endeavours.

As we move forward, we remain committed to the government's target of RM53 billion in export revenue from timber and timber products by 2020, with the furniture sector contributing RM16 billion. Towards that end, it is imperative for the government and industry to work closely in exploring measures and strategies to achieve the target by emphasising on value-added products. These include research and development as well as the production of innovatively manufactured and market-driven products.

The demand for household items including wood-based products is increasing steadily with global population growth fuelling the need for housing. By 2025, the global population is estimated to reach eight billion with China, India, Indonesia, Brazil and the United States remain as the top five most populous countries.

China and India which accounted for 35% of the global population offer immense potentials in terms of market and demand for value-added products due to rising incomes. Local industry players should explore these potentials and continue to strengthen their markets in these two countries. According to the Malaysian Timber Council, China will not be interested to produce pine wood in order to cut production cost. This provides opportunities to the local players to continue to supply the products.

INTERNATIONAL FORESTRY DAY



• Tree planting by Datuk Amar Haji Awang Tengah (centre)

POKOK
(Cinnamon)
YB DATUK AMAR HAJI AWANG
TENGGAH
ADDITIONAL BAZIL CHESTNUT
DAN RAZI

In recognition of the great significance of forests in our lives

Forests are part of our lives. In recognition of the great significance of forests, the global community had never failed to celebrate the annual World Forestry Day since 1971. In Sarawak, this year's state level International Forestry Day was commemorated on 22nd March 2014 in Tanjung Manis New Township. The Honourable Datuk Amar Haji Awang Tengah Ali Hasan, Minister of Planning and Resource Management II as well as Minister of Public Utilities and Minister of Industrial Development of Sarawak graced the function.

Giving insight into the forests of Sarawak, the minister said, a vast tract of the state's landmass is still forested thereby providing natural habitat for flora and fauna. This is attributed to the state government's consistent efforts on sustainable forest management.

"The global climate change which led to inclement weather was a result of uncontrolled human activities including unsustainable forest management. These catastrophic phenomena had caused adverse impacts on environment and properties as well as loss of many lives. These incidences do not happen in Sarawak because we always ensure that our forest policies are adhered to without prejudice. At the same time, we are protecting our forests through various initiatives including getting them gazetted as Totally Protected Areas, Permanent Forest Estates and Wildlife Sanctuaries" the minister said.

In appreciation of the said initiatives, he said the state had earned due recognition from various international forestry organisations including International Tropical Timber Organisation (ITTO), Food and Agriculture Organisation of the United Nations (FAO), United Nations Development Programme (UNDP), Global Environment Facility (GEF) and Japan International Cooperation Agency (JICA)

adding that the government is committed to going extra miles in pursuing the initiatives.

Expressing optimism that all the forestry agencies would place conservation as their top priority the minister stressed that continuous environmental awareness campaigns are being carried out statewide involving the schools and NGOs to inculcate awareness on the importance of forest conservation among the public.

According to him, public involvement is vital in ensuring the success of these campaigns in view of their role as front liners who interact directly with forests in their daily activities. It is therefore hoped that the participants would share the relevant information with their friends and families for common good.

"I am delighted to note that various activities had been lined-up in conjunction with this year's International Forestry Day. I believe that these activities could strengthen the bond between the forestry agencies and the local populace in order to realise the future plans effectively. On behalf of the state government I would like to express my sincere appreciation to everyone for the spirit of co-operation as manifested through this function" the minister said.

Jointly organised by Sarawak Forestry Department and STIDC, this year's celebration culminated in tree planting by the honourable minister and other VIPs. Also present were heads of government agencies and private sector, local community leaders as well as the local people.

SUMMARY

- A vast tract of the state's landmass is still forested
- We are protecting our forests through various initiatives including getting them gazetted as Totally Protected Areas, Permanent Forest Estates and Wildlife Sanctuaries
- In appreciation of the said initiatives, the state had earned due recognition from various international forestry organisations including ITTO, FAO, UNDP, GEF and JICA



STEADY DEVELOPMENT IN **TANJUNG MANIS**

Economic
developments of
Tanjung Manis
diversified into other
activities

The Honourable Datuk Amar Haji Awang Tengah Ali Hassan, Minister of Planning and Resource Management II as well as Minister of Public Utilities and Minister of Industrial Development of Sarawak graced the Tanjung Manis Day on 22nd March 2014.

According to him, since 1940s many people were attracted to Tanjung Manis due to its strategic location and natural water port. The idea to tap the potentials of Tanjung Manis and develop it into a new township was mooted by Sarawak Head of State, His Excellency Pehin Sri Haji Abdul Taib Mahmud when he became the Chief Minister in early 1980s.

- Launching of Tanjung Manis Day and International Forestry Day 2014 by Datuk Amar Haji Awang Tengah (3rd right) and other VIPs





- Assistant Minister in The Chief Minister's Office (Promotion of Technical Education) & Assistant Minister of Environment, Datu Haji Len Talif Salleh (left) briefing Datuk Amar Haji Awang Tengah (2nd left) on the Rajang Masterplan

In 1984, STIDC under the Chairmanship of Pehin Sri Haji Abdul Taib had appointed HA SIMONS Consultant to conduct a research on Rajang Master Plan. This led to the plan to develop Tanjung Manis into a Timber Processing Zone and subsequently, an Earth Breaking Ceremony on 11th March 1990 by Pehin Sri Haji Abdul Taib.

Due to economic downturn in 1997, the economic activities of Tanjung Manis were diversified into other fields including deep-sea fishing industry in 2000. This was followed by the declaration of Tanjung Manis as the zone for big scale shipbuilding industry by the state government in 2008 to meet the need for business expansion of shipbuilding industry in Sibul.

To reciprocate to the global food security issue, Datuk Amar Haji Awang Tengah said the economic activities of Tanjung Manis were further diversified. This includes the plan to develop the 77,000 hectares Tanjung Manis Halal Hub in 2009, slated as the largest halal hub in the region.

Tanjung Manis was also chosen as the Palm Oil Industrial Cluster (POIC) to meet the need for the development of Central Palm Oil (CPO) processing infrastructure in the Central Region. Tanjung Manis POIC is poised to provide bulking CPO and Refinery facilities as well as to establish the related downstream industries.

"Tanjung Manis which is among the new growth nodes under the Sarawak Corridor

of Renewable Energy (SCORE), is focusing on resource-based economic development such as Halal Hub which emphasises on agriculture, aquaculture, food processing industry, oil palm-based industries, deep-sea fishing industries, livestock, wood-based industries and shipbuilding industry. Furthermore, it is connected by land, air and water transports and supported by administrative and commercial centres" Datuk Amar Haji Awang Tengah said.

In the near future, the minister said, Tanjung Manis is poised to see the construction of a 27-storey Tanjung Manis Complex to house the Integrated Administrative Centre. This is in line with the aspiration to make Tanjung Manis an important industrial and administrative centre in Rajang Delta.

"The state government had invested RM2 billion in Tanjung Manis while another RM2 billion investments came from the private sector. Under the development of Tanjung Manis New Township, STIDC through its investment arm, PUSAKA Capital will invest RM500 million in five years for infrastructure and various projects. Besides generating at least 3,000 new employment opportunities these projects will also help to boost the living standards of the local populace. It is hoped that the new Chief Minister, The Right Honourable Datuk Sri Adenan Haji Satem would pursue the development agenda particularly in Tanjung Manis and that Tanjung Manis would be elevated to district status to enable a better co-ordination of these projects" Datuk Amar Haji Awang Tengah said.



Crowd attending the Tanjung Manis Day and International Forestry Day 2014

SUMMARY

- The 77,000 hectares Tanjung Manis Halal Hub is slated as the largest halal hub in the region
- Tanjung Manis is poised to see the construction of a 27-storey Tanjung Manis Complex
- The state government had invested RM2 billion in Tanjung Manis while another RM2 billion investments came from the private sector



STIDC

PARTICIPATED IN MIFF, EFE

STIDC did not miss the opportunity to make its presence in both shows

Two international furniture shows took place concurrently in Kuala Lumpur in March 2014. Malaysian International Furniture Fair (MIFF) was held on 4th - 8th March at Putra World Trade Centre and the Matrade Exhibition and Conference Centre. Export Furniture Exhibition (EFE) on the other hand was held on 5th - 8th March at Kuala Lumpur Convention Centre.

STIDC did not miss the opportunity to make its presence in both shows. In MIFF, STIDC appeared together with two furniture industry players from Sarawak namely Samling Housing Products Sendirian Berhad and Brown Furniture. Among others, STIDC had provided the information on its role in promoting and developing the furniture industry in Sarawak particularly among the Bumiputra entrepreneurs. Samling Housing Products Sendirian Berhad had also capitalised on this platform to promote its Acacia household products such as Acacia Solid Doors, Acacia Flush Doors and Acacia Kitchen Cabinets. Similarly, Brown Furniture had fully utilised the show to showcase its Belian (*Eusideroxylon zwageri*) timber products including Belian tables and Belian chairs. In EFE, STIDC's booth featured various timber samples besides providing information on its vision in spearheading the advancement of the timber industry in Sarawak.

STIDC's participation in these international furniture shows augured well with the government's aspiration to achieve RM53 billion in timber exports by 2020, with the furniture sector contributing RM16 billion in export value.

Towards that end, the government-industry collaborative efforts in exploring the measures and strategies towards realising the aspiration with greater emphasis on value-added



products become necessary. The measures include research and development and production of innovatively manufactured and market-driven products.

Minister of Plantation Industries and Commodities, Datuk Amar Douglas Uggah Embas reported that the world's market for household items such as doors and wood-based products is on upward trend with global population growth fuelling the need for housing. According to him, by 2025, the estimated global population will reach eight billion. The top five most populous countries in the world are China, India, Indonesia, Brazil and the United States of America.

The combined population of China and India which accounted for 35 percent of the global population offers huge potentials in terms of market and demand for value-added products with rising incomes.

It is therefore crucial for Malaysian furniture manufacturers including those from Sarawak to tap these potentials and continue to strengthen their markets in the two countries. Malaysia, the eighth leading exporter of furniture in the world earned RM5.7 billion in export revenue from wooden furniture last year compared with RM6.5 billion in 2012. Sarawak contributed RM30.3 million in 2013 compared with RM27 million in the previous

year, a growth of 12 percent. This represented a mere 0.5 percent of last year's and 0.4 percent of the previous year's national income from the wooden furniture sector.

Apparently, concerted efforts must be made to help this industry scale new height particularly in Sarawak. This includes close co-operation among the government and industry players to study why the industry remains sluggish. STIDC, being the state government agency tasked to promote and develop the Bumiputra furniture entrepreneurs will continue to play its role by providing the basic infrastructure as well as other assistance such as trainings and advisory services.



• Visitors at STIDC's booth

SUMMARY

- STIDC's participation in these international furniture shows augured well with the government's aspiration to achieve RM53 billion in timber exports by 2020
- Malaysian furniture manufacturers including those from Sarawak should tap the potentials and continue to strengthen their markets in China and India
- Concerted efforts must be made to help this industry scale new height

Capitalising on the uniqueness of Belian wood and prominent furniture shows



Brown Furniture is a Belian (*Eusideroxylon zwageri*) furniture manufacturer in Kuching, Sarawak using mostly recycled Belian as raw materials to produce value-added products including indoor and outdoor furniture. Its proprietor and director, Mr. Leo Chiang said from a humble beginning, Brown Furniture continues to grow by capitalising on the uniqueness of Belian wood and prominent furniture shows held either at the state or international levels.

Describing Belian as a rare timber species which is only available in Borneo, Leo said Brown Furniture took this advantage to venture into furniture business. "In the past, Belian was used to build houses, bridges and electricity poles. However, with modernisation, Belian is being replaced

BROWN

with concrete. Hence, there is abundant of used Belian in Sarawak. Used Belian is of high quality because the wood has already proven its worth which only time can tell. As such, Belian furniture is always the preferred choice particularly among the European countries" he said adding that his markets include Australia and the Peninsular Malaysia.

To promote Belian furniture in the global arena, Brown Furniture in collaboration with STIDC had participated in MIFF 2014 in Kuala Lumpur. "MIFF 2014 marked the beginning of Belian furniture in an international showcase. Visitors had the opportunity to see for themselves our

unique products which they can't find elsewhere. Besides providing the latest information on current market trends, MIFF was also the best promotional platform due to the diverse background of visitors who came with varied expectations. Moreover, MIFF was a benchmark because it provided us with free market survey from visitors who gave genuine comments on our products. This helped us to adjust accordingly to meet their expectations. Our collaboration with STIDC in other shows such as Sarawak Furniture & Home Expo and Timber and SMEs Expo in Kuching, Sarawak had also benefitted us in terms of logistics and other administrative matters" Leo said.





FURNITURE

Being in this industry for almost a decade, he aspires to be the pioneer in Belian furniture manufacturing in the region. Towards that end, he had successfully conducted a research on this product for eight years. Hence, with his knowledge and experience as well as the assistance from the government, he was optimistic that he could compete with Indonesia who is also producing furniture using recycled wood. "Imagine if we could achieve mass production of furniture using used Belian then we are creating a positive image for Sarawak because there is no need to cut our forests for raw materials. Our recycled Belian wood is adequate to serve the needs of the industry for the next 15-20 years. In order to be successful, our efforts must be complemented by the government's support. Thus, I am grateful with STIDC for supporting me through the years" he added.

In his business endeavour, Leo is not spared from various challenges. "Currently, bank loan is not available for furniture industry. This obstacle hinders us from meeting our customers' demands. Wood-working machinery is also scarce in the local market. Hence, we have to source it

from outside Sarawak at higher costs. In addition, our factory is too small to meet the customers' demands. Due to these obstacles Sarawak continues to lag behind its Peninsular Malaysia counterparts and without financial support from financial institutions and the government we would be left even further. To counter this situation, he hoped that the state government would allocate fund to help the small and medium scale businesses.

On his future plans, Leo aspires to embark into joint venture initiatives with established furniture companies in order to push this industry forward. "In the near future I plan to open new branch in Satok, Kuching and in the next five years I hope to have a new branch in Iskandar City, Johor Bahru. To add value to Belian products, plans are also in the pipeline to incorporate stainless steel to Belian furniture. Hopefully, this will enhance our products appearance and make them even more marketable" he said.

After nine years in Belian furniture business Leo is still excited about what he is doing. "I am still excited about Belian furniture business because I had chosen what

I like although it is quite hectic. I enjoy this business because I could foresee something big and I am determined to get there" he said.



SUMMARY

- Belian (*Eusideroxylon zwageri*) is a rare timber species which is only available in Borneo
- To promote Belian furniture in the global arena, Brown Furniture in collaboration with STIDC had participated in MIFF 2014
- To add value to Belian products, plans are in the pipeline to incorporate stainless steel to Belian furniture



• Aerial view of TMP

TANJUNG MANIS PORT



• Loading and unloading of cargos into a vessel at TMP



The gateway for trade in the central region of Sarawak

Tanjung Manis Port is located at latitude 2° 08'N and longitude 111° 21'E. This natural deep water port is situated 30 km from the mouth of Rajang River with draught of 11 metres, providing a safe berthing place for ocean liners. Its strategic location makes Tanjung Manis a vital gateway for trade.

Tanjung Manis Integrated Port Sendirian Berhad (TMP) was tasked as a port operator by the Sarawak Government in February 2009 to operate, manage and develop the port. A wholly owned subsidiary of Sarawak Timber Industry Development Corporation (STIDC), TMP had officially commenced operation in July 2009.

TMP Executive Director, Mdm. Sadiyah Binti Tu pointed out that TMP had achieved significant growth particularly in terms of containerised cargo handling. The total throughput grew from 4,900 TEUs in 2009 to 93,000 TEUs by the end of 2013

Due to rapid growth, she said TMP is now expanding the port in terms of berthing space as well as container storage area. She revealed that the port refurbishment project includes extension of wharf by 100 metres, expansion of open

storage space, administrative building, surau as well as in-gate-out-gate complex. The project will be completed in March 2015.

"With this expansion, TMP will be able to cater for at least 220,000 TEUs by 2018. The next phase of development will depend on demand for better facilities to cater for more volume of cargo generated by other industries such as Palm Oil Industrial Cluster (POIC), Shipbuilding, timber and Tanjung Manis Halal Hub. With the development of new township in Tanjung Manis commencing in 2014, TMP is growing in tandem with the Port City by 2020 and beyond" Mdm. Sadiyah said.

The establishment of Tanjung Manis Port Authority (TMPA) in April 2012 augurs well in accelerating the development of Tanjung Manis Port by ensuring a well planned and coordinated port development to meet the current and future needs



of port users in Tanjung Manis besides ensuring good governance and effective enforcement within the port limits.

Moving forward, the General Manager of TMPA, Tuan Haji Latiff Bin Coupon said that the immediate plan is to look into improving accessibility and safety of navigation of the channel to ensure palm oil tankers' accessibility on 24 hours basis. TMPA would also look into feasibility study of the need to develop a dedicated container terminal in Tanjung Manis in line with the state government's effort to develop Tanjung Manis Halal Hub.

SUMMARY

- TMP had achieved significant growth particularly in terms of containerised cargo handling
- Due to rapid growth, TMP is now expanding the port in terms of berthing space as well as container storage area
- With this expansion, TMP will be able to cater for at least 220,000 TEUs by 2018



IONWOOD FLOORING

New and Environmental
friendly Product



Royal Merbau

Technological advancement had led to the invention of new value-added product called Ionwood flooring. Sugawa Ionwood Sendirian Berhad is the world's first and only functional wood flooring manufacturer to produce wood flooring that is able to emit negative ions. We pulverize harmless negative ion producing natural stones into nano particles using advanced nano technology. We then infuse the liquid into our engineered wood flooring using a proprietary process. These finely pulverized precious stones are being endowed naturally with spontaneous polarization and weak electrical generating properties, enabling the conversion of molecules in the air into negative ions. Ionwood flooring generates negative ions continuously with slight variation of natural pressure, temperature and relative humidity (without requiring an energy source such as electricity); similar to the negative ions created by natural processes such as lightning.



The structures of Ionwood flooring are built by arranging various layers of constructional veneers which are bonded face to face with the grain running in alternate directions. The special multi layer cross ply manufacturing process creates boards with greater resistance to shrinkage than solid timber boards. Ionwood flooring is dimensionally stable and less susceptible to variation in moisture and temperature because the wood expands and contracts in the direction of wood grain.

Ionwood Flooring – Good for your health

Test carried out by the Japan Association of Ion Research (JAIRA), China National Analytical Center (NACC), and SGS Switzerland showed that IONWOOD emits more than 3,000 units of negative ions per

cm³, equivalent to the amount of negative ions found in the forests. Studies showed that these negative ions help our bodies in sustaining and improving our health.

Our modern homes and offices seal out negative ions, forcing us to live in unhealthy environments. Computer terminals, fluorescent lighting, air ventilation systems, and modern building materials generate an over abundance of positive ions. Most of the modern diseases are caused by the increased amount of positive ions. The Earth has become acidic, diseases surge and conventional treatments have reached their limits. Therefore, negative ions are the key to improvement of health and prevention of diseases.

Variety of Products

Ionwood floorings are available in a range of eco-friendly wood species with different natural grains and colour variations. Staining is also used in the production and design process to add colour and to enhance the natural colour tone of the wood. Ionwood floorings come in two shades; from the palest original colour of the wood to the rich and darkest mocha shades.

Unique Design

The top layer hardwood is produced by rotary cutting. Unlike veneers that are flat sawn and sliced out which produced a flat or vertical grain, Ionwood displays a random appearance, larger and bolder graining

pattern. Rotary cutting method preserves the natural beauty and grain pattern of the wood.

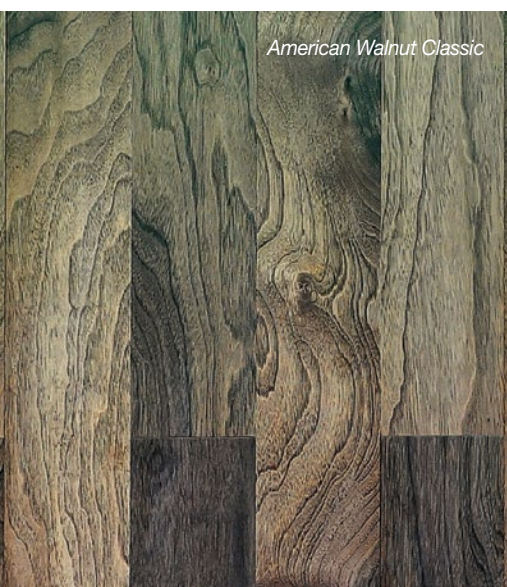
Urban Tropical Wood and Exotic American Wood

To cater for all tastes and lifestyles, we offer two different ranges- Urban Tropical Wood and Exotic American Wood. Urban Tropical Woods ranges from Royal Kembang Semangkuk (KSK), Royal Merbau, Chunteh Classic (Nyatoh), Kembang Semangkuk (KSK) Classic as well as Merbau Classic. The imported Exotic American Woods on the other hand comprises American Cherry Classic, American White Oak Classic, American Royal Oak and American Walnut Classic.

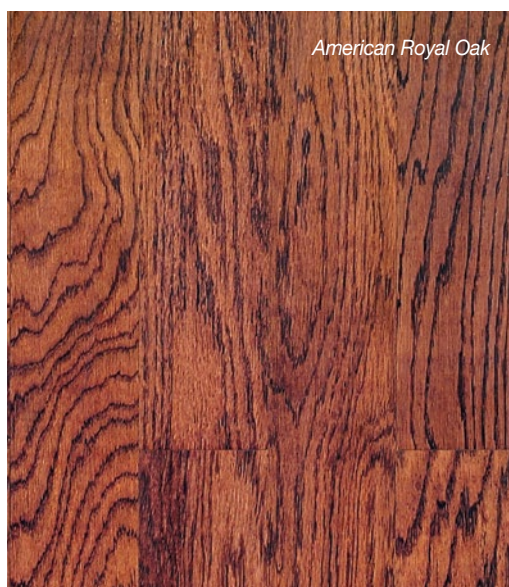
BENEFITS OF IONWOOD FLOORING

Negative Ions

Professor Philipp Lenard, the winner of Nobel Prize for Physics, discovered that the shear forces of water droplets, known as the Lenard effect, create massive amount of negative ions. This negative ion accounts for the euphoric feeling we experience in waterfall areas or after a heavy rain. According to Dr. Noboru Horiguchi, a medical scientist who has published numerous clinical data about negative ions, the risk of disease can be greatly reduced by breathing in fresh air filled with negative ions. These negative ions, also known as “vitamins of the air” are found abundantly in the forests.



American Walnut Classic



American Royal Oak



Kembang Semangkuk (KSK) Classic

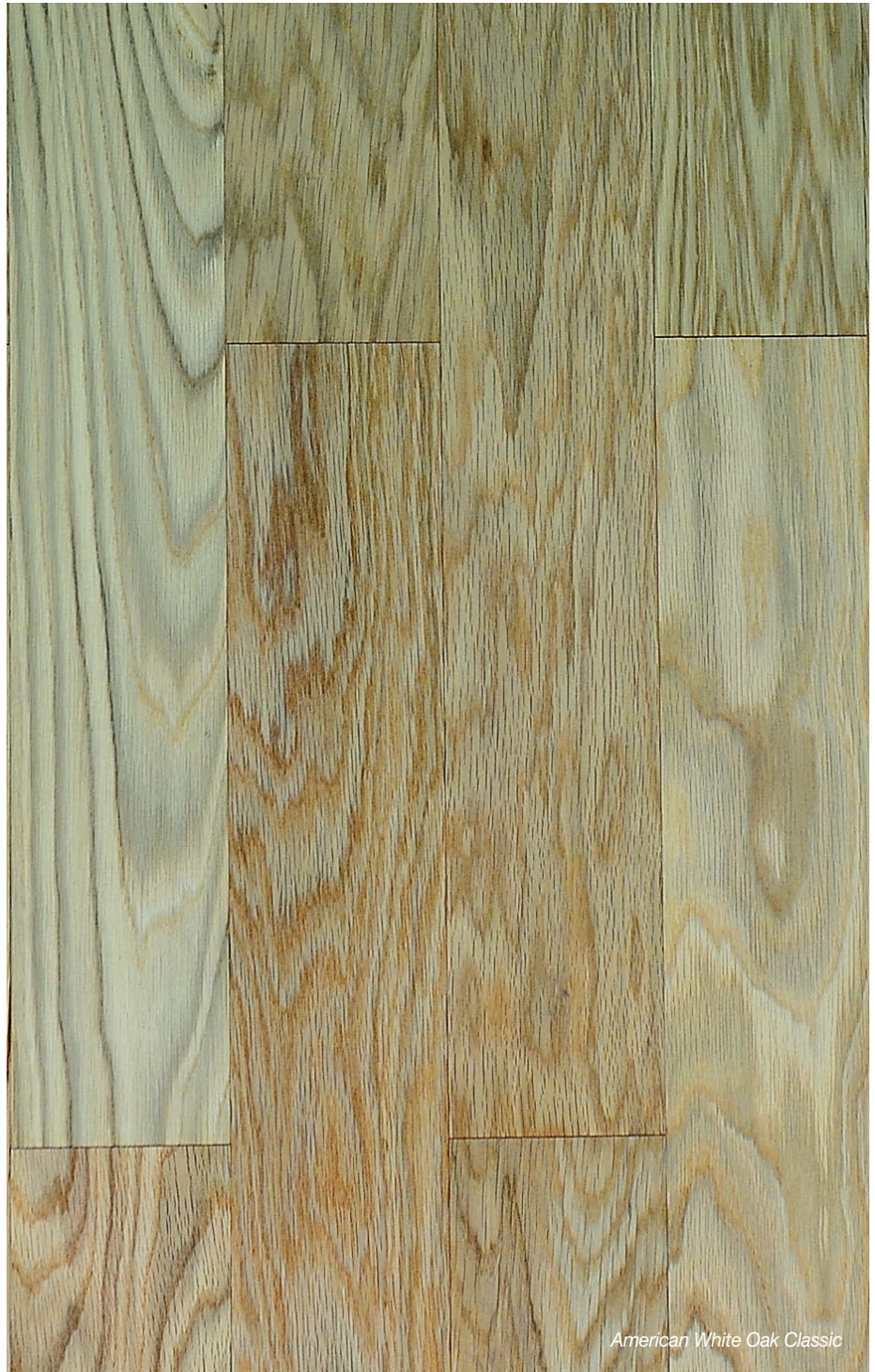
Resistant to Termite Attack

Termites thrive in humid weather conditions. Australia faces one of the most serious problems with termites. Scientists have discovered a non-hazardous yet effective formula to help prevent termites attack against wood products. This formula is strictly adhered to by the Australians and Ionwood is produced based on that stringent standard.

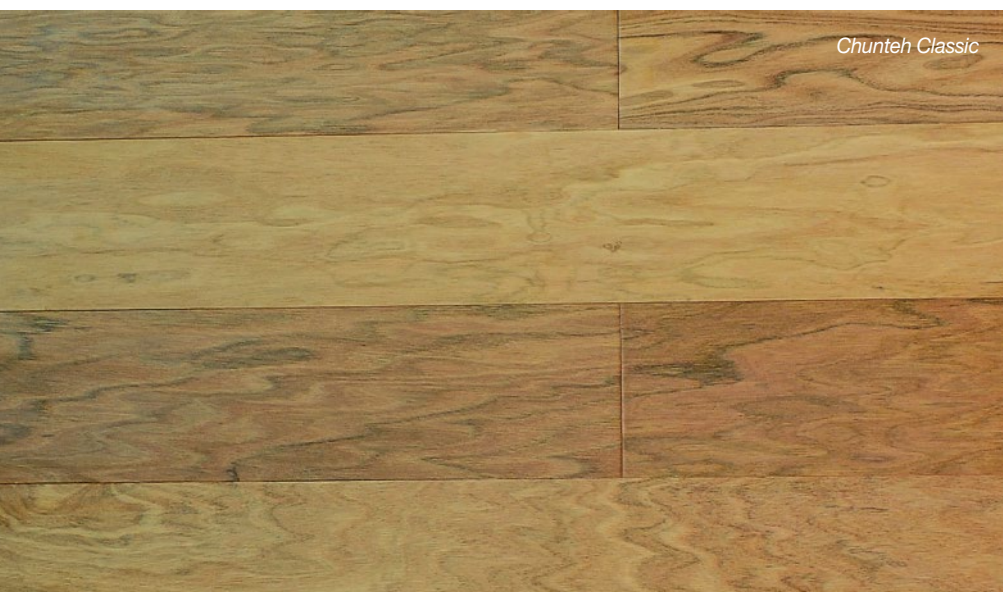
EO System

Formaldehyde is found in many commonly used products. Usually after renovation work is completed, the occupants' eyes tend to feel irritated. This is caused by the pungent smelling gas formaldehyde which is found in paints and adhesives used. In June 2004, the World Health Organization (WHO) announced under clause 153 that formaldehyde is the main cause of different types of cancer. This prompted European countries to regulate all construction materials to contain under E1 level of formaldehyde to ensure that the health of mankind is not affected.

Multi-layered engineered solid wood flooring boards takes this to a higher level by bringing to you flooring boards that achieved the EO level, whereby the formaldehyde content is lower than that set according to the European standard. Multi-layered engineered solid wood floorings



American White Oak Classic



Chunteh Classic

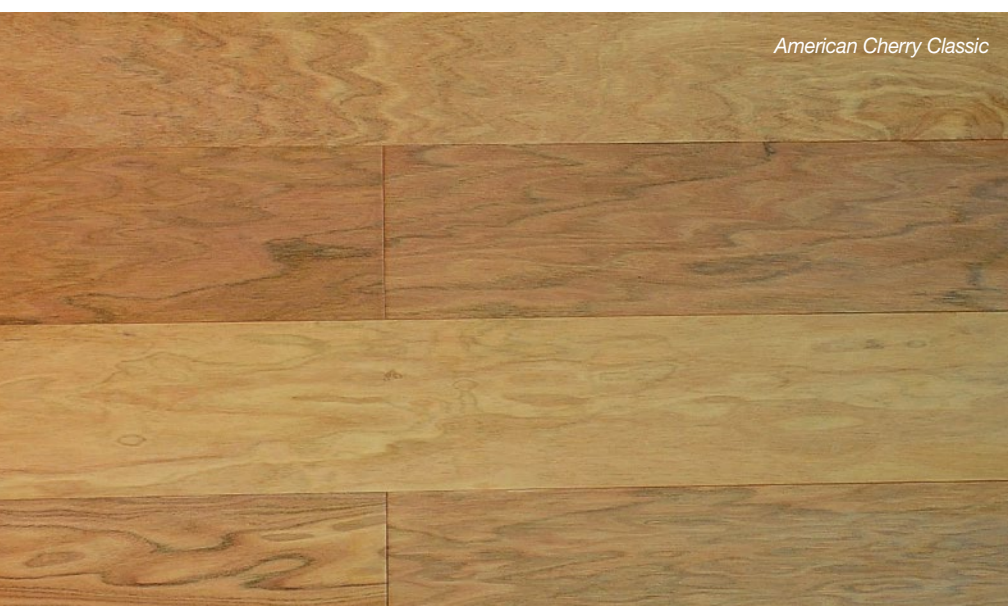
offer you luxurious, high-quality and safe living.

Surface Protection

The surface of Ionwood flooring is coated with 12 layers of under coating varnish and a layer of finishing coating varnish. Thus, users can rest assured that no liquid will be able to seep through the surfaces of the flooring, keeping them glossy and in good condition always.

Association Between Concentration of Negative Ions and State of Health:

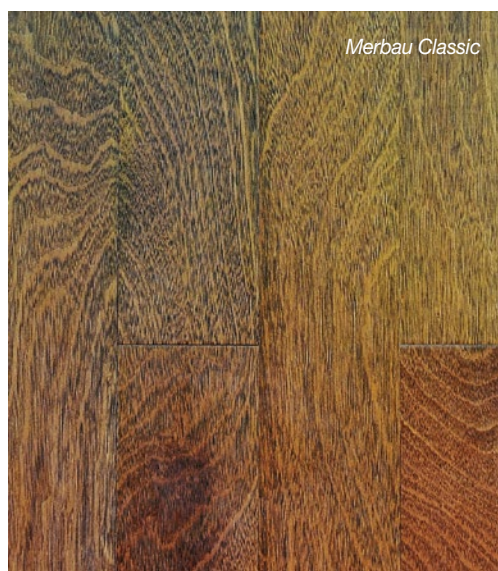
Condition of the environment	Concentration of negative ions in air (per cm ³)	State of health
Factory with workers	0 - 50	May cause a variety of diseases
Indoor city area	60 - 150	Easily induces physiological disorders
Street with surrounding green trees	200 - 500	On the edge of physiological disorders
Urban park areas	500 - 1000	Maintains basic needs for human health
Outdoors/open field	1000	Strengthens the immune system of human body
High mountain areas	2000 - 3000	Kills bacteria and reduces the spread of diseases
Forests	2000 - 3000	Facilitates natural healing
Waterfall	5000	Has natural healing properties



American Cherry Classic



Royal Kembang Semangkuk (KSK)



Merbau Classic

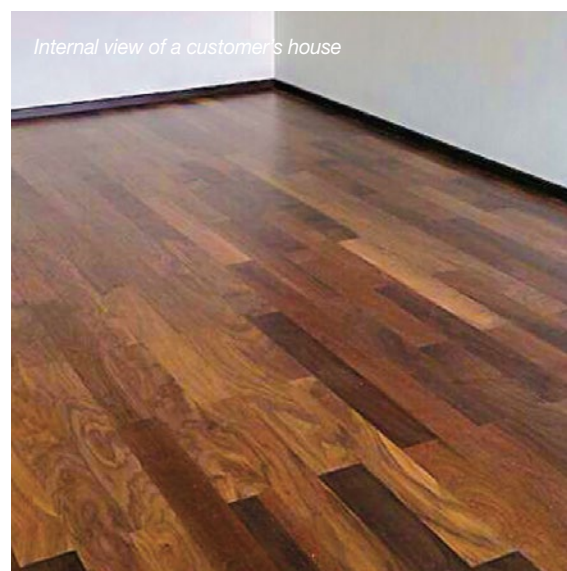
Scratch Resistant

Sapphire powder is incorporated into the coating of Ionwood, effectively prevent the flooring from scratches. An experiment tested on the surface of the flooring using a diamond needle showed that the surface of the flooring is resistant toward scratches rated as 4H. This result showed that these floorings are suitable and safe to be used in commercial buildings.

Ionwood Innovative Engineered Hardwoods Flooring Specialist

Ionwood is one of the most innovative engineered hardwoods flooring specialist in Malaysia. The company is a growing manufacturer of wood flooring in Malaysia and Ionwood has rapidly gained recognition among the flooring industry for its multi-layered engineered solid wood flooring that is able to emit negative ions.

Epro Ionwood Sendirian Berhad is among the Authorised Dealers of the company, which is based in Kuching, Sarawak. To order Ionwood flooring and for more information on the products, please contact **Mr. Eric Lau** at **+6 082 429796 (office telephone)** / **+6 016 589 2221 (mobile-phone)** / **+6 082 253796 (fax)** / e-Mail: **eproionwood@gmail.com**



Internal view of a customer's house

JANUARY – DECEMBER

2013

market performance

Timber sector in Sarawak contributed RM7.1billion to the State's revenue in 2013 which decreased by 5% compared with RM7.4billion in the previous year.

For the whole year 2013, there were decreased in the overall value of log (6%) sawntimber (21%), veneer (20%), laminated board/flooring (31%), moulding (15%), dowel (38%), fibreboard (12%), and blockboard (94%). Despite the overall decrease in value of export, there were respective increased in the value of plywood (0.19%), particle board (3.9%) and woodchips (17%) in 2013 when compared with the previous year in 2012.

Total export values of plywood, logs and sawn timber were RM 4.0 billion @ 57%, RM1.7 billion @ 24% and RM617 million@9% respectively. This had contributed 89% to the total export value of logs and timber products to the State in 2013. **(Table 1)**

LOGS

• The volume of logs decreased by 15% to 2.8 million m3 from 3.3 million m3 in 2012 however the value decreased by 6% to RM1.7 billion from RM1.8 billion for the year 2013 when compared with similar period of 2012. The average price FOB of logs for 2012 was higher by 11% to RM604 from RM545 compared to the previous year.

There was decreased by 17% in the volume of logs exported to India contributed 65% to the overall value of logs exported from January to December 2013 against that the corresponding period in 2012. Followed by Taiwan decreased by 6% and China by 22% compared with the same period last year.

The top three importers were India, Taiwan and China and they constituted 84% of the total volume of log and contributed 86% of the total exported value of log for 2013. **(Table 2)**

SAWN TIMBER .

The volume of sawn timber exported for 2013 decreased by 16% to 687 thousand m3 from 817 thousand m3 and the value decreased by 21% at RM617 million against that of RM781 million for the corresponding period in 2012. The average price FOB of sawntimber for the year 2013 was lower by 6.1% to RM897 from RM956 compared to that similar period in 2012.

Export volume of the sawn timber to Philippines increased by 7% compared to similar period of the previous year. This was followed by Thailand and Middle East which decreased by 28% and 29% respectively.

Export of sawn timber to Philippines, Thailand and Middle East constituted 69% of the total volume of sawntimber and contributed 62% to the overall value of sawntimber for January to December 2013. **(Table 3)**



PLYWOOD .

The volume of plywood exported for the year 2013 decreased by 2.48% to 2.58 million m3 from 2.64 million m3 and the value however increased by 0.19% to RM4.0 billion from RM 3.996 billion compared to that of the corresponding period of last year. The average price FOB of plywood for the year 2013 was higher by 2.7% to RM1,554 from RM1,512 compared to that similar period in 2012.

Japan remains the number one importer of the States' plywood with purchase of 1.4 million m3 with total value

at RM2.3 billion followed by Middle East (295 thousand m3, RM414 million) and Korea (266 thousand m3, RM367 million).

Export volume of plywood to Japan, Middle East and Korea decreased by 0.84%, 11% and 20% respectively for 2013 compared to that similar period of the previous year.

Export of plywood to Japan, Middle East and Korea constituted 77% of the total volume of sawntimber and contributed 76% to the overall value of sawntimber for January to December 2013. **(Table 4)**

OTHER TIMBER PRODUCTS •

Export value of other timber products which included dowels, mouldings, particle board, laminated veneer lumber, veneer, fibreboard, block board, laminated board, woodchips and other timber product (refer to Table 1) was RM746 million from January to December 2013, contributed 11% of the overall value of logs and timber products. There was an increase in exported values of these products by 1.03 % in comparison with similar period in 2012.

There were respective decrease in export volumes of veneer (23%), moulding (16%), laminated board/flooring (28%), dowel (24%), fibreboard (2.5%) and blockboard (96%) for January to December 2013 compared to the same period last year. Despite of the overall increase in export volume, there were increase for particle board (8%), and woodchip (16%) compared with corresponding period in 2012. **(Table 5, 6, 7, 8, 9, 10)**



OUTLOOK •

Export volume of logs and timber products in 2013 decreased by 10% to 6.7 million m3 from 7.4 million m3 due to lower demand from importing countries. There were decreased in the overall volume of three major products such as plywood, log and sawntimber.

However, Japan most likely increases its import of plywood from Sarawak for 2014, partly attributed to Japan hosting the Olympic Games in 2020. South Korea is also set to increase import of plywood when the three-year anti-dumping duties on Malaysian plywood expired at the end of February 2014. Japanese companies operating in Sarawak held a closed door meeting last month to analyze various matters including the capacity of plywood supply from Sarawak. It is widely thought that they are

preparing to import more plywood for the many big projects in preparation for the 2020 Olympics Games. (Source: ITTO)

Looking on the future prospects of the timber industry, demand for timber and timber products in 2014 is expected to grow steadily at least the same amount with that in 2013.

In conclusion, it is hoped that industry players will put extra effort in promoting downstream activities to add value to end products for better returns. Sarawak being the largest state in the country should capitalize its rich forest resources for vibrant furniture industry and value-add products to generate more revenue for the state.

trade statistics

Sarawak

TABLE 1
EXPORT SUMMARY OF TIMBER AND TIMBER PRODUCTS FROM SARAWAK

PRODUCTS	2013* January - December			2012* January - December			% Change 2013 / 2012	
	Volume (M ³)	FOB Value (RM'000)	Value %	Volume (M ³)	FOB Value (RM'000)	Value %	Volume	Value
LOG	2,801,368	1,692,376	23.97	3,293,382	1,795,854	24.14	(14.94)	(5.76)
SAWNTIMBER	687,298	617,017	8.74	817,305	781,407	10.51	(15.91)	(21.04)
PLYWOOD	2,576,288	4,003,850	56.72	2,641,700	3,996,292	53.73	(2.48)	0.19
VENEER	173,629	214,596	3.04	224,853	268,235	3.61	(22.78)	(20.00)
LAMINATED BOARD / FLOORING	14,727	33,090	0.47	20,413	48,143	0.65	(27.86)	(31.27)
MOULDING	7,515	18,179	0.26	8,902	21,295	0.29	(15.58)	(14.63)
DOWEL	840	3,009	0.04	1,112	4,864	0.07	(24.43)	(38.14)
FIBREBOARD	178,820	257,522	3.65	183,396	292,392	3.93	(2.50)	(11.93)
BLOCKBOARD	45	51	0.00	1,056	896	0.01	(95.77)	(94.31)
PARTICLE BOARD	124,661	59,710	0.85	115,886	57,467	0.77	7.57	3.90
OTHER PRODUCTS*	96,126	100,671	1.43	94,637	121,998	1.64	1.57	(17.48)
OTHER PRODUCTS** [Tonne]	2,657	1,045	0.01	-	-	-	100.00	100.00
WOODCHIP [Tonne]	305,881	57,997	0.82	264,100	49,456	0.66	15.82	17.27
TOTAL (m3) (RM)	6,661,317	7,059,113	100	7,402,643	7,438,299	100	(10.01)	(5.10)

***OTHER TIMBER PRODUCTS:**

- Biomas Partices
- Chopping board
- Densified wood
- Door & door frames
- Finger jointed
- Furniture and furniture parts
- Laminated beam
- Laminated post
- Laminated Veneer Lumber (LVL)
- Parquet flooring
- Railways sleepers
- Wooden fences
- Wooden gates
- Wooden pallet
- Wooden pellet
- Wooden pegs & stakes

****OTHER TIMBER PRODUCTS:**

- Wooden pellet

Notes:

- Fibreboard include MDF and HDF
- Total of volume (m3) does not includes woodchips (tonne) and other product (tonne)
- a = actual data & total does not include application/permit to transport goods within the Federation [Customs Declaration Form No.3 (CDF3)]
- p = preliminary data & total does not include application/permit to transport goods within the Federation [Customs Declaration Form No.3 (CDF3)]

EXPORT VALUE OF MAJOR TIMBER & TIMBER PRODUCTS
FROM SARAWAK (RM'000) : 2013 / 2012

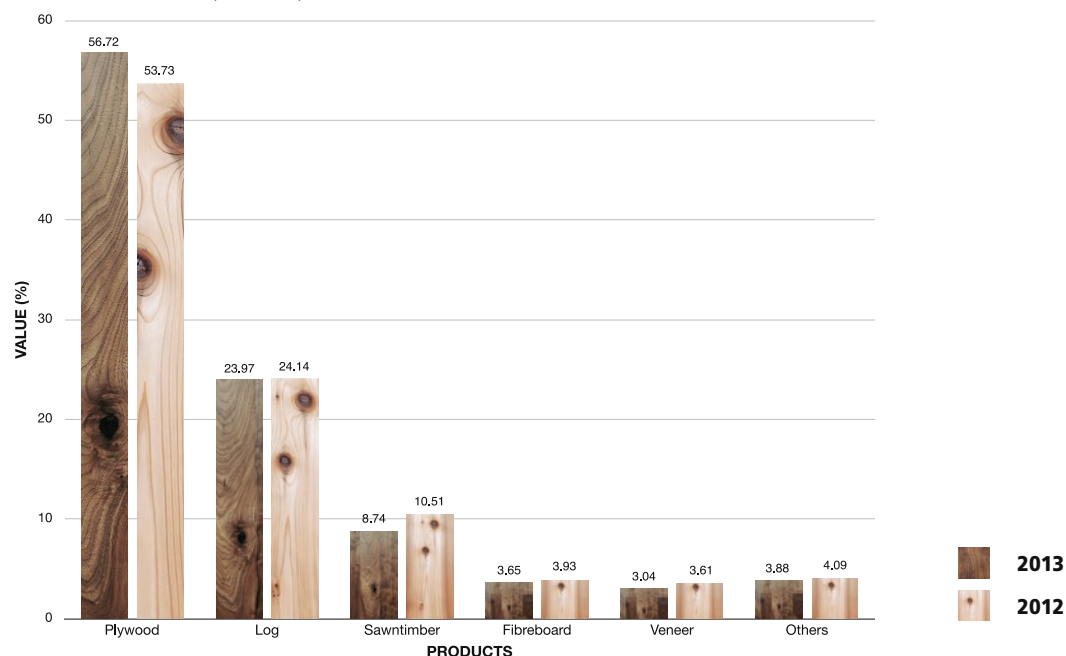


TABLE 2
EXPORT OF LOG BY COUNTRY OF DESTINATIONS

DESTINATIONS	2013 ^P January - December			2012 ^a January - December			% Change 2013 / 2012	
	Volume (M ³)	FOB Value (RM'000)	Value %	Volume (M ³)	FOB Value (RM'000)	Value %	Volume	Value
INDIA	1,724,838	1,095,272	64.72	2,089,421	1,172,965	65.32	(17.45)	(6.62)
TAIWAN	363,085	221,763	13.10	385,848	212,848	11.85	(5.90)	4.19
CHINA	267,094	146,083	8.63	344,079	176,226	9.81	(22.37)	(17.10)
VIETNAM	177,306	79,132	4.68	161,178	63,454	3.53	10.01	24.71
JAPAN	142,269	100,644	5.95	181,156	112,985	6.29	(21.47)	(10.92)
INDONESIA	69,821	13,656	0.81	49,867	8,239	0.46	40.01	65.75
KOREA	34,674	20,830	1.23	53,699	31,333	1.74	(35.43)	(33.52)
THAILAND	15,030	10,559	0.62	16,382	11,780	0.66	(8.26)	(10.37)
PHILIPPINES	7,250	4,437	0.26	10,734	4,670	0.26	(32.45)	(4.99)
PAKISTAN	-	-	-	980	1,346	0.07	(100.00)	(100.00)
UNITED STATES	-	-	-	38	8	0.00	(100.00)	(100.00)
TOTAL	2,801,368	1,692,376	100	3,293,382	1,795,854	100	(14.94)	(5.76)

EXPORT VALUE OF LOG TO MAJOR DESTINATIONS

(RM'000) : 2013 / 2012

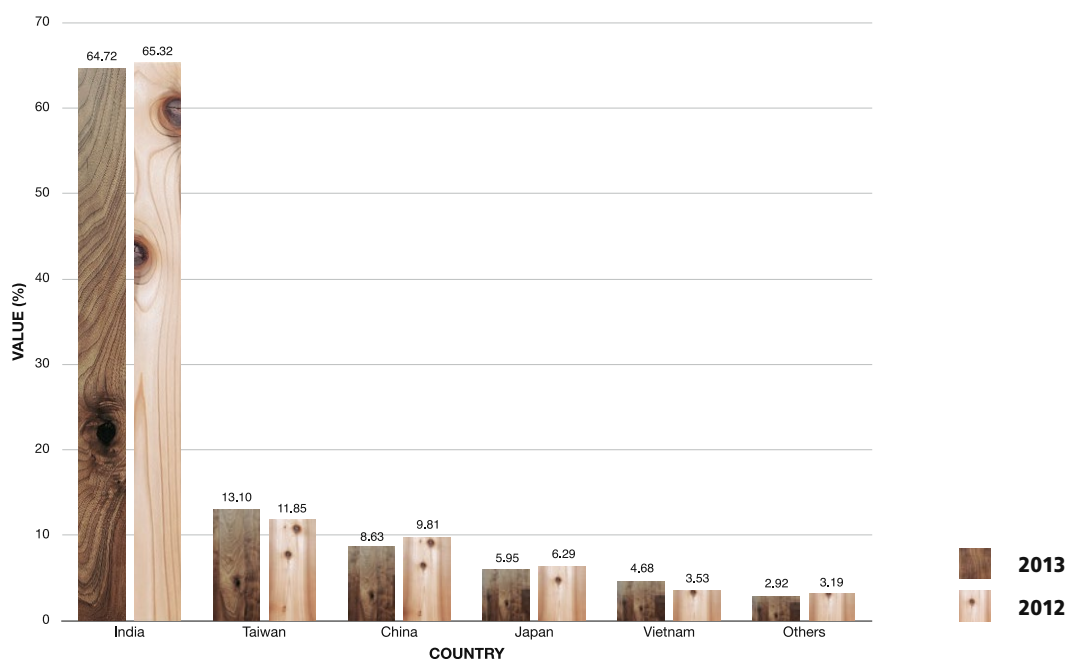


TABLE 3
EXPORT OF SAWNTIMBER BY COUNTRY OF DESTINATIONS

DESTINATIONS	2013 ^a January - December			2012 ^a January - December			% Change 2013 / 2012	
	Volume (M ³)	FOB Value (RM'000)	Value %	Volume (M ³)	FOB Value (RM'000)	Value %	Volume	Value
PHILIPPINES	176,368	64,816	10.50	164,564	63,238	8.09	7.17	2.50
THAILAND	172,047	166,985	27.06	237,608	233,106	29.83	(27.59)	(28.37)
MIDDLE EAST	127,714	153,556	24.89	179,319	214,230	27.42	(28.78)	(28.32)
TAIWAN	63,371	52,271	8.47	71,926	61,340	7.85	(11.89)	(14.78)
KOREA	35,760	44,421	7.20	38,146	44,194	5.66	(6.26)	0.51
SINGAPORE	27,685	28,813	4.67	36,286	37,101	4.75	(23.70)	(22.34)
JAPAN	25,221	42,428	6.88	26,907	51,892	6.64	(6.27)	(18.24)
CHINA	19,856	17,551	2.84	20,003	20,564	2.63	(0.73)	(14.65)
SRI LANKA	14,122	16,437	2.66	12,345	16,306	2.09	14.40	0.80
SOUTH AFRICA	8,441	9,531	1.54	9,589	10,545	1.35	(11.97)	(9.62)
OTHERS*	16,713	20,208	3.28	20,613	28,891	3.70	(18.92)	(30.05)
TOTAL	687,298	617,017	100	817,305	781,407	100	(15.91)	(21.04)

***OTHER DESTINATION:**

- AUSTRALIA
- BELGIUM
- BRUNEI DARUSSALAM
- FRANCE
- FRENCH POLYNESIA
- GERMANY
- HONG KONG
- INDIA
- INDONESIA
- MALDIVES
- MAURITIUS
- NETHERLANDS
- REUNION
- SEYCHELLES
- UNITED KINGDOM
- UNITED STATES
- VIETNAM
- within MALAYSIA (Peninsular & Sabah)

EXPORT VALUE OF SAWNTIMBER TO MAJOR DESTINATIONS

(RM'000) : 2013 / 2012

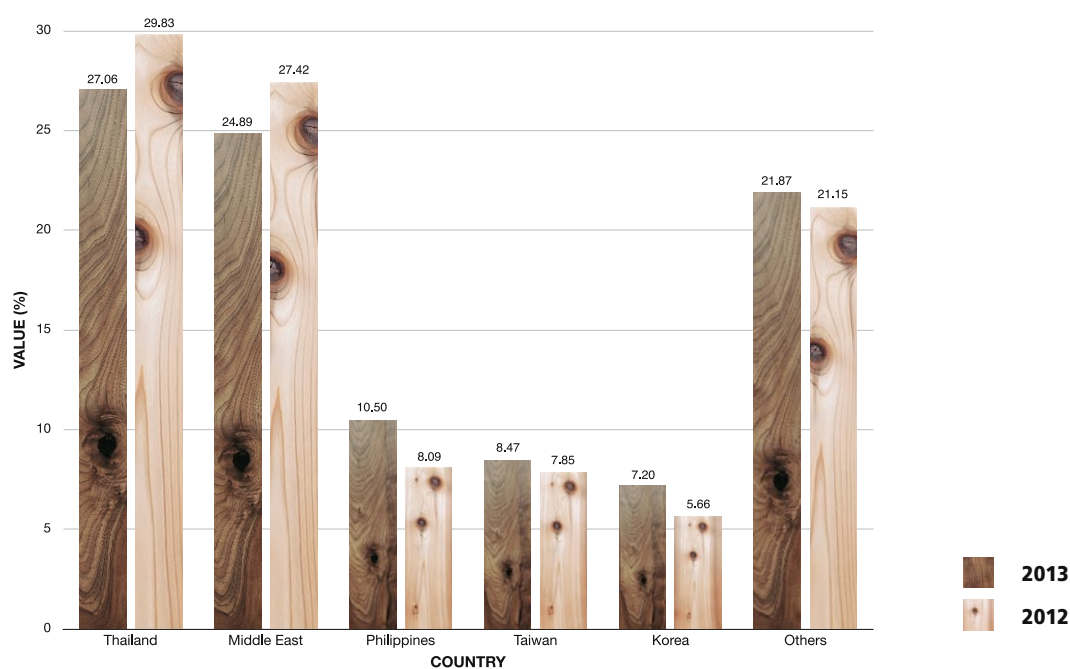


TABLE 4
EXPORT OF PLYWOOD BY COUNTRY OF DESTINATIONS

DESTINATIONS	2013 ^P January - December			2012 ^a January - December			% Change 2013 / 2012	
	Volume (M ³)	FOB Value (RM'000)	Value %	Volume (M ³)	FOB Value (RM'000)	Value %	Volume	Value
JAPAN	1,429,052	2,265,619	56.59	1,441,106	2,287,186	57.23	(0.84)	(0.94)
MIDDLE EAST	295,200	413,737	10.33	333,433	440,704	11.03	(11.47)	(6.12)
KOREA	266,141	367,198	9.17	331,238	427,146	10.69	(19.65)	(14.03)
TAIWAN	256,419	371,619	9.28	234,285	319,950	8.01	9.45	16.15
PHILIPPINES	93,841	176,511	4.41	59,391	99,170	2.48	58.00	77.99
UNITED STATES	59,438	117,162	2.93	56,066	113,139	2.83	6.01	3.56
CHINA	40,795	73,487	1.84	58,272	93,933	2.35	(29.99)	(21.77)
HONG KONG	37,452	55,856	1.40	36,755	52,015	1.30	1.89	7.38
SINGAPORE	16,993	23,013	0.57	22,578	29,989	0.75	(24.73)	(23.26)
THAILAND	15,683	23,947	0.60	8,772	14,156	0.35	78.79	69.17
OTHERS*	65,275	115,701	2.89	59,804	118,904	2.98	9.15	(2.69)
TOTAL	2,576,288	4,003,850	100	2,641,700	3,996,292	100	(2.48)	0.19

***OTHER DESTINATION:**

- AUSTRALIA
- BELGIUM
- BRUNEI DARUSSALAM
- CANADA
- DOMINICAN REPUBLIC
- GERMANY
- INDIA
- INDONESIA
- ITALY
- LIBERIA
- MALDIVES
- MAURITIUS
- MEXICO
- NETHERLANDS
- NEW ZEALAND
- NORTHERN MARIANA ISLANDS
- PAPUA NEW GUINEA
- SOUTH AFRICA
- SRI LANKA
- SUDAN
- UNITED KINGDOM
- VIETNAM

EXPORT VALUE OF PLYWOOD TO MAJOR DESTINATIONS

(RM'000) : 2013 / 2012

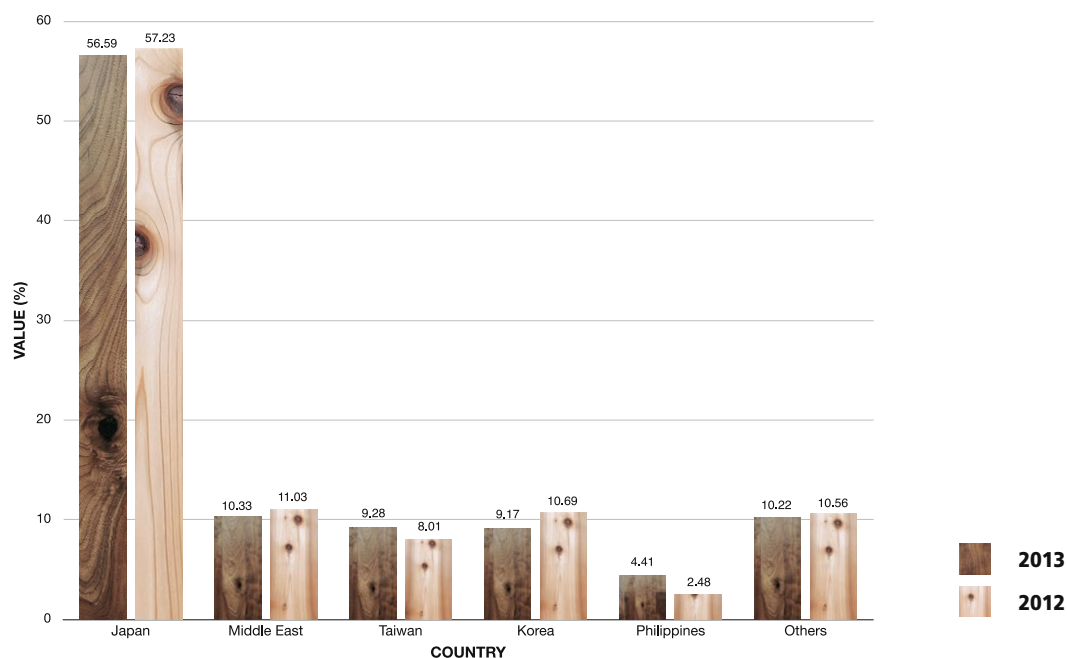


TABLE 5
EXPORT OF VENEER BY COUNTRY OF DESTINATIONS

DESTINATIONS	2013 ^P January - December			2012 ^a January - December			% Change 2013 / 2012	
	Volume (M ³)	FOB Value (RM'000)	Value %	Volume (M ³)	FOB Value (RM'000)	Value %	Volume	Value
TAIWAN	97,155	120,015	55.93	116,773	136,866	51.02	(16.80)	(12.31)
KOREA	47,499	54,404	25.35	57,336	62,976	23.48	(17.16)	(13.61)
CHINA	14,263	13,663	6.37	21,131	17,923	6.68	(32.50)	(23.77)
PHILIPPINES	6,965	10,018	4.67	16,567	24,310	9.06	(57.96)	(58.79)
JAPAN	6,649	11,386	5.31	8,111	14,434	5.38	(18.02)	(21.12)
AUSTRALIA	887	4,122	1.92	2,073	8,067	3.01	(57.22)	(48.90)
THAILAND	120	206	0.10	2,354	2,033	0.76	(94.90)	(89.87)
INDONESIA	35	96	0.04	-	-	-	100.00	100.00
UNITED STATES	33	596	0.28	154	1,330	0.50	(78.83)	(55.19)
SINGAPORE	22	17	0.01	117	85	0.03	(81.42)	(80.00)
GERMANY	2	72	0.03	-	-	-	100.00	100.00
VIETNAM	0.4	1	0.00	237	211	0.08	(99.84)	(99.53)
TOTAL	173,629	214,596	100	224,853	268,235	100	(22.78)	(20.00)

EXPORT VALUE OF VENEER TO MAJOR DESTINATIONS

(RM'000) : 2013 / 2012

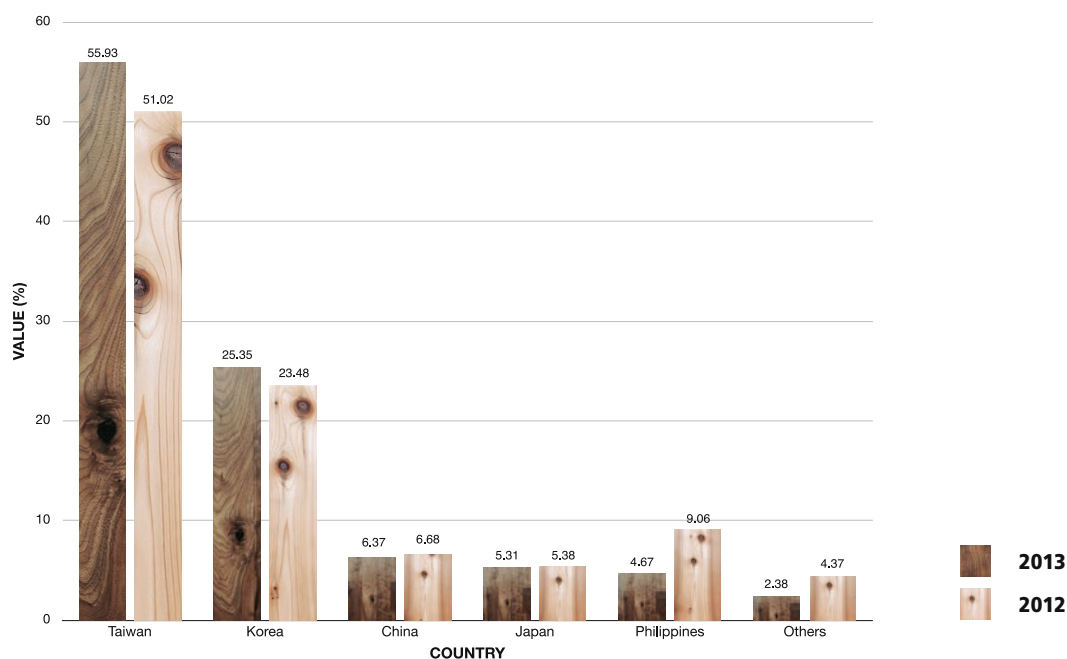


TABLE 6
EXPORT OF LAMINATED BOARD/FLOORING BY COUNTRY OF DESTINATIONS

DESTINATIONS	2013 ^P January - December			2012 ^a January - December			% Change 2013 / 2012	
	Volume (M ³)	FOB Value (RM'000)	Value %	Volume (M ³)	FOB Value (RM'000)	Value %	Volume	Value
TAIWAN	4,997	5,990	18.10	5,930	6,606	13.72	(15.75)	(9.32)
UNITED STATES	3,722	12,631	38.17	8,453	28,351	58.89	(55.96)	(55.45)
BRUNEI DARUSSALAM	2,003	5,874	17.75	1,326	3,689	7.66	51.10	59.23
KOREA	1,232	1,531	4.63	2,057	2,634	5.47	(40.10)	(41.88)
VIETNAM	924	2,722	8.23	269	779	1.62	243.66	249.42
INDONESIA	679	1,712	5.17	553	1,562	3.24	22.80	9.60
CHINA	388	234	0.71	489	286	0.59	(20.55)	(18.18)
EU	383	1,244	3.76	724	2,210	4.59	(47.15)	(43.71)
JAPAN	157	580	1.75	197	695	1.44	(20.13)	(16.55)
SINGAPORE	134	306	0.92	214	645	1.34	(37.42)	(52.56)
OTHERS*	108	266	0.80	202	686	1.42	(46.50)	(61.22)
TOTAL	14,727	33,090	100	20,413	48,143	100	(27.86)	(31.27)

***OTHER DESTINATION:**

- AUSTRALIA
- CANADA
- PHILIPPINES
- REUNION
- THAILAND
- TURKEY

EXPORT VALUE OF LAMINATED BOARD/FLOORING TO MAJOR DESTINATIONS
 (RM'000) : 2013 / 2012

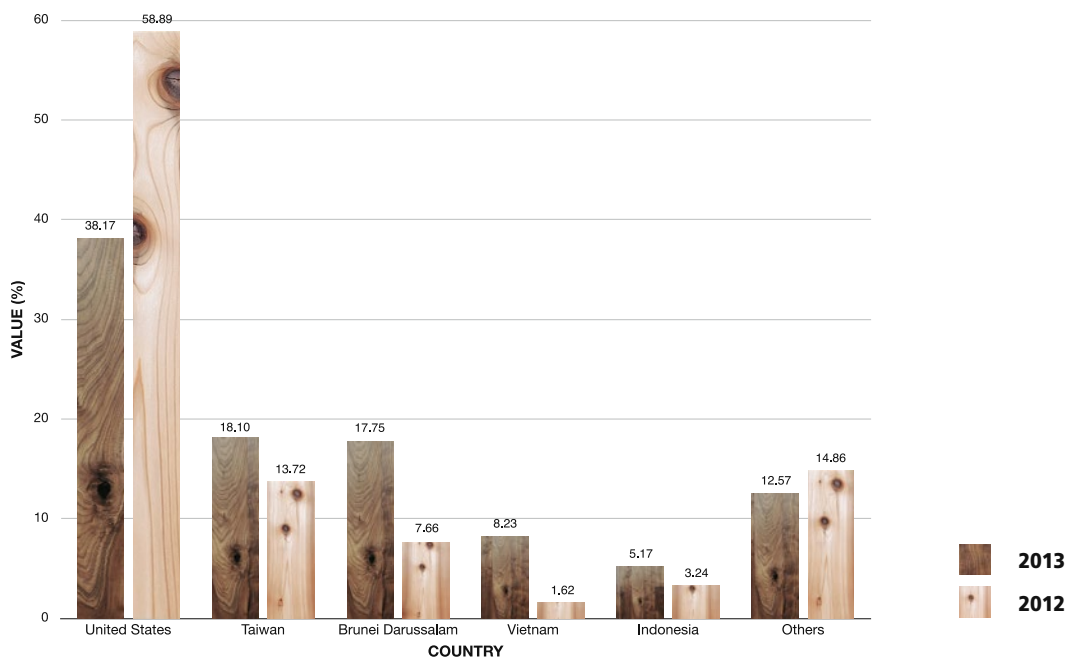


TABLE 7
EXPORT OF MOULDING BY COUNTRY OF DESTINATIONS

DESTINATIONS	2013 ^p January - December			2012 ^a January - December			% Change 2013 / 2012	
	Volume (M ³)	FOB Value (RM'000)	Value %	Volume (M ³)	FOB Value (RM'000)	Value %	Volume	Value
JAPAN	3,295	7,139	39.27	4,435	10,352	48.61	(25.71)	(31.04)
KOREA	1,596	3,145	17.30	1,931	3,889	18.26	(17.38)	(19.13)
AUSTRALIA	859	3,406	18.74	979	2,608	12.25	(12.29)	30.60
UNITED STATES	703	2,081	11.45	563	1,935	9.09	24.83	7.55
SINGAPORE	432	809	4.45	38	58	0.27	1025.24	1294.83
TAIWAN	357	959	5.28	444	1,336	6.27	(19.56)	(28.22)
SOUTH AFRICA	81	199	1.09	74	138	0.65	9.71	44.20
THAILAND	68	140	0.77	-	-	-	100.00	100.00
TURKEY	41	153	0.84	-	-	-	100.00	100.00
VIETNAM	34	82	0.45	-	-	0.00	100.00	100.00
OTHERS*	49	66	0.36	437	979	4.60	(88.79)	(93.26)
TOTAL	7,515	18,179	100	8,902	21,295	100	(15.58)	(14.63)

***OTHER DESTINATION:**

- BELGIUM
- CANADA
- CHINA
- GERMANY
- MALDIVES
- NETHERLANDS
- NEW ZEALAND
- SRI LANKA
- UNITED KINGDOM

EXPORT VALUE OF MOULDING TO MAJOR DESTINATIONS

(RM'000) : 2013 / 2012

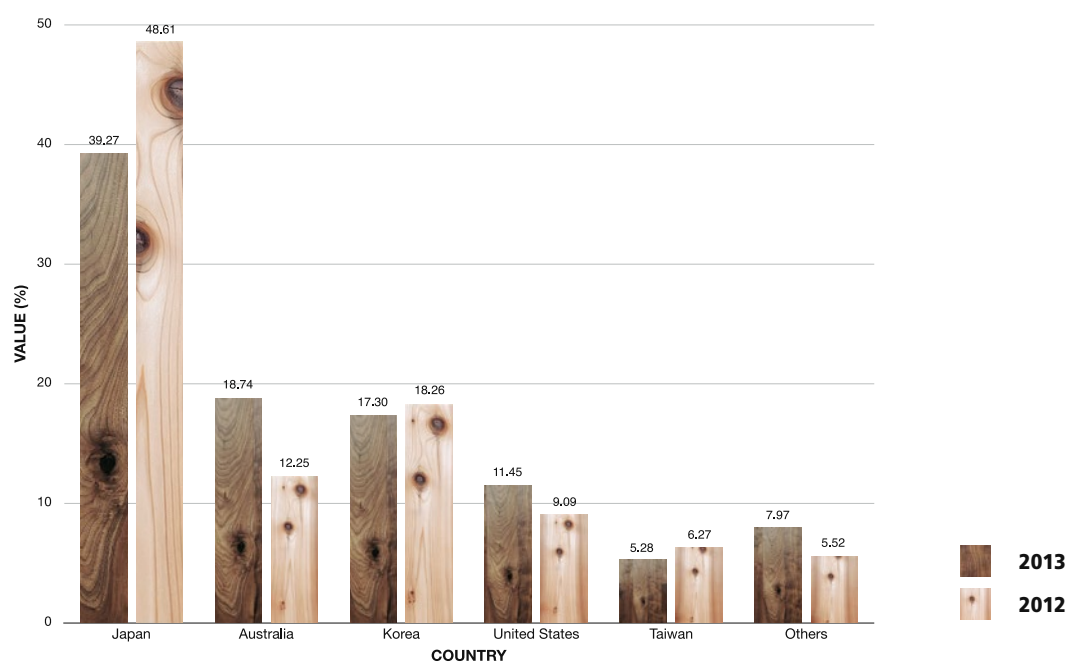


TABLE 8
EXPORT OF DOWEL BY COUNTRY OF DESTINATIONS

DESTINATIONS	2013 ^P January - December			2012 ^a January - December			% Change 2013 / 2012	
	Volume (M ³)	FOB Value (RM'000)	Value %	Volume (M ³)	FOB Value (RM'000)	Value %	Volume	Value
UNITED STATES	465	1,852	61.55	470	2,037	41.88	(1.01)	(9.08)
SOUTH AFRICA	150	412	13.69	161	458	9.42	(6.71)	(10.04)
EU	104	326	10.83	283	1,546	31.78	(63.21)	(78.91)
AUSTRALIA	44	90	2.99	7	62	1.27	550.82	45.16
JAPAN	41	174	5.78	54	229	4.71	(23.76)	(24.02)
INDIA	36	155	5.15	92	366	7.52	(61.15)	(57.65)
CANADA	-	-	-	23	65	1.34	(100.00)	(100.00)
SWITZERLAND	-	-	-	22	101	2.08	(100.00)	(100.00)
TOTAL	840	3,009	100	1,112	4,864	100	(24.43)	(38.14)

EXPORT VALUE OF DOWEL TO MAJOR DESTINATIONS

(RM'000) : 2013 / 2012

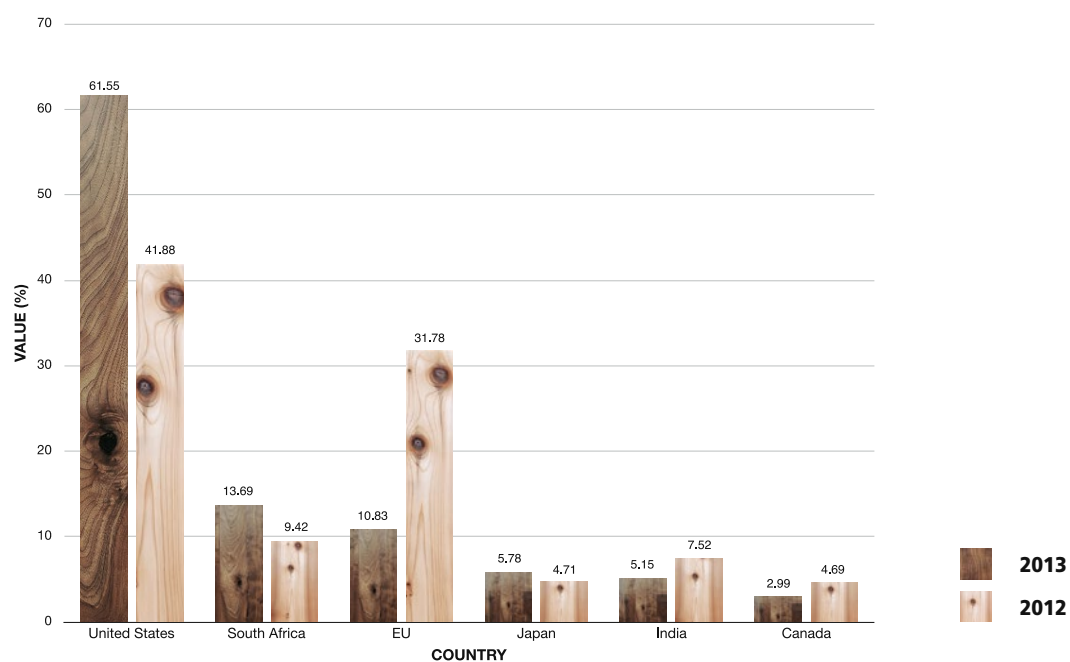


TABLE 9
EXPORT OF FIBREBOARD BY COUNTRY OF DESTINATIONS

DESTINATIONS	2013 ^p January - December			2012 ^a January - December			% Change 2013 / 2012	
	Volume (M ³)	FOB Value (RM'000)	Value %	Volume (M ³)	FOB Value (RM'000)	Value %	Volume	Value
JAPAN	149,328	218,204	84.73	152,262	253,324	86.64	(1.93)	(13.86)
PHILIPPINES	12,260	15,189	5.90	9,679	11,627	3.98	26.67	30.64
INDONESIA	9,209	11,809	4.59	15,188	18,503	6.33	(39.36)	(36.18)
TAIWAN	4,442	7,015	2.72	2,449	3,788	1.30	81.39	85.19
BRUNEI DARUSSALAM	2,322	2,012	0.78	1,558	1,554	0.53	49.06	29.47
NETHERLANDS	460	1,018	0.40	966	2,058	0.70	(52.36)	(50.53)
CHINA	354	476	0.18	497	654	0.22	(28.81)	(27.22)
KOREA	280	155	0.06	60	37	0.01	364.80	318.92
OMAN	117	85	0.03	-	-	-	100.00	100.00
AUSTRALIA	30	117	0.05	251	411	0.14	(88.07)	(71.53)
VIETNAM	19	1,442	0.56	-	-	-	100.00	100.00
INDIA	-	-	-	488	436	0.15	(100.00)	(100.00)
TOTAL	178,820	257,522	100	183,396	292,392	100	(2.50)	(11.93)

EXPORT VALUE OF FIBREBOARD TO MAJOR DESTINATIONS

(RM'000) : 2013 / 2012

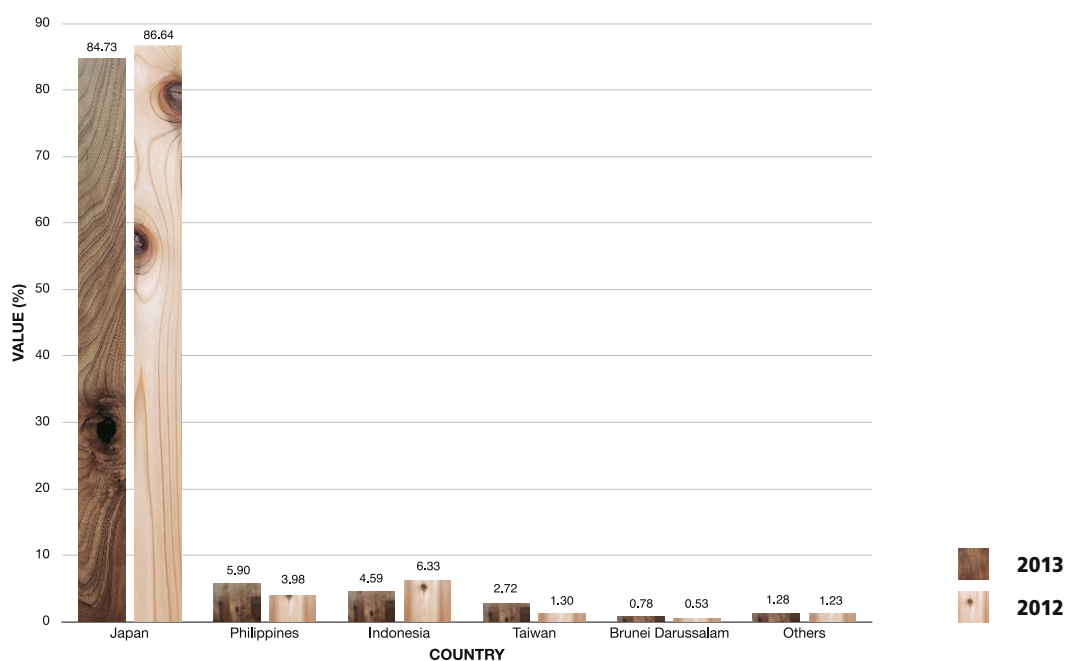


TABLE 10
EXPORT OF PARTICLE BOARD BY COUNTRY OF DESTINATIONS

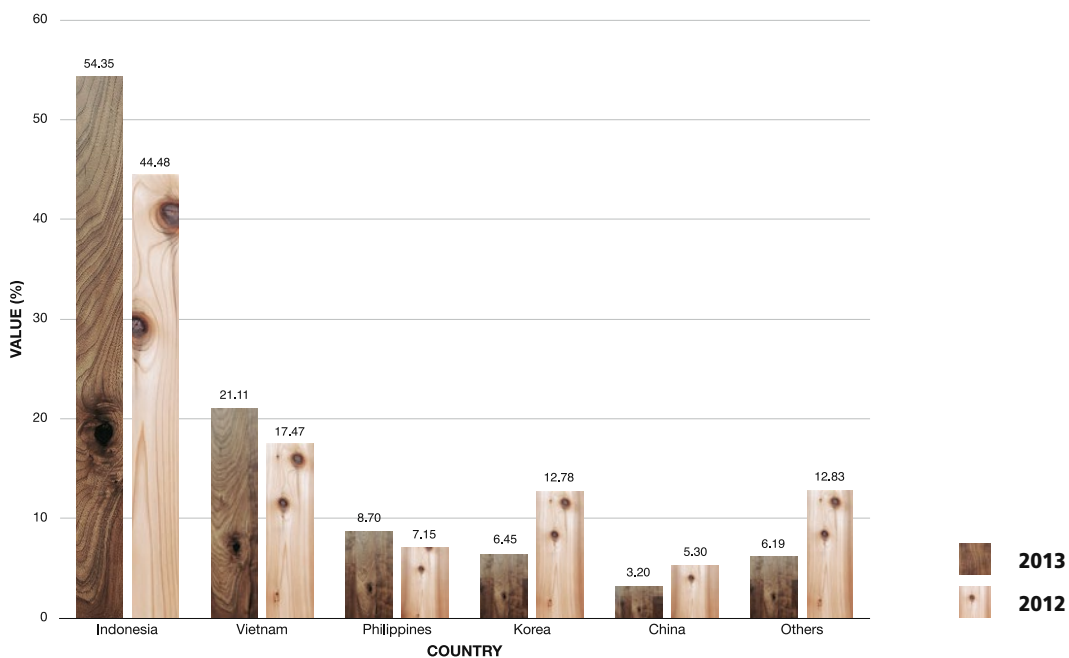
DESTINATIONS	2013 ^P January - December			2012 ^a January - December			% Change 2013 / 2012	
	Volume (M³)	FOB Value (RM'000)	Value %	Volume (M³)	FOB Value (RM'000)	Value %	Volume	Value
INDONESIA	68,240	32,451	54.35	50,759	25,562	44.48	34.44	26.95
VIETNAM	26,430	12,607	21.11	20,134	10,039	17.47	31.27	25.58
PHILIPPINES	10,716	5,197	8.70	7,652	4,108	7.15	40.05	26.51
KOREA	6,979	3,849	6.45	16,042	7,343	12.78	(56.49)	(47.58)
CHINA	4,115	1,909	3.20	5,808	3,043	5.30	(29.15)	(37.27)
BANGLADESH	2,467	732	1.23	3,758	1,404	2.44	(34.36)	(47.86)
JAPAN	1,937	1,153	1.93	1,664	1,086	1.89	16.41	6.17
BRUNEI	1,901	942	1.58	780	402	0.70	143.63	134.33
INDIA	1,362	596	1.00	8,724	4,082	7.10	(84.39)	(85.40)
SINGAPORE	257	151	0.25	152	86	0.15	69.08	75.58
Other*	258	123	0.21	414	312	0.54	(37.71)	(60.58)
TOTAL	124,661	59,710	100	115,886	57,467	100	7.57	3.90

***OTHER DESTINATION:**

- AUSTRALIA
- JORDAN
- OMAN
- TAIWAN
- TANZANIA
- YEMEN

EXPORT VALUE OF PARTICLE BOARD TO MAJOR DESTINATIONS

(RM'000) : 2013 / 2012



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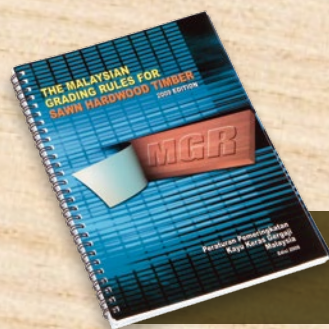
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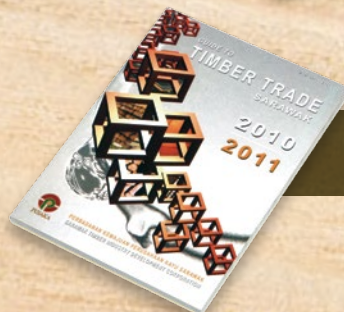


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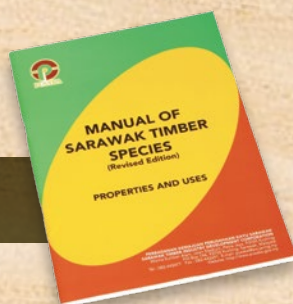


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PERBADANAN KEMAJUAN PERUSAHAAN KAYU SARAWAK
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