

perkasa

sarawak timber industry development corporation

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**SayD'SignersSarawak
To Accelerate Growth Of
Furniture Industry**



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- 14 January to March 2021 / January to March 2020

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*Tuan Haji Hashim
Haji Bojet*

editorial

TT

he outbreak of Coronavirus (COVID-19) pandemic continued to pose adverse impacts on businesses across the globe including the wood-based sector. The surge in COVID-19 positive cases disrupted business operations due to stringent standard operating procedures (SOPs) and limitation in the number of workers at workplaces to 30 percent and reduced operating hours. Meanwhile, borders remained closed to foreign workers.

Sarawak is still in Phase 1 of the National Recovery Plan (NRP) with status-quo in almost all regulations and SOPs.

The export volume of timber and timber products of Sarawak plummeted by 41.52 percent in the first quarter of 2021 (1Q21) to 472,496 cubic metres compared with 807,908 cubic metres in the first quarter of 2020 (1Q20). The export value also dropped by 27.17 percent to RM826,361 million in 1Q21 compared with RM1,134,660 billion in 1Q20.

The National People's Well-Being and Economic Recovery (Pemulih) Package announced by the government with several key financial assistance to support industries was timely. The package with an allocation of RM150 billion including RM10 billion of direct fiscal injection aimed at addressing three main elements including the wellbeing of the people, supporting the economic sectors and expediting vaccination which is core to the recovery process from lockdowns.

The bank loan moratorium for six months which would be automatic for individuals and micro businesses and subject to bank verification and approval for SMEs as well as the extension and enhancement of the Wage Subsidy Programme (WSP) brought respite to businessmen including the wood-based industry players to sustain operations, financing and employment.

As we wait for Sarawak to transit to Phase 2, let us be reminded to continue to adhere the SOPs in order to break the chain of COVID-19. More economic sectors would be reopened in Phase 2 with strict compliance to the guidelines set by the authority. This includes workplace capacity in the private sector increased from 30 percent to 50 percent.





Presentation of certificate by Tuan Haji Hashim Haji Bojet, General Manager of STIDC (second left) to Ryan Matthaeus (second right). Also seen is Mdm. Dayang Nena Abang Bruce, STIDC Special Function Officer (left).

SayD'SignersSarawak To Accelerate Growth Of Furniture Industry

Tuan Haji Hashim Haji Bojet, General Manager of STIDC presented the certificate of completion to Mr. Ryan Matthaeus Anak August, head of SayD'SignersSarawak Batch 2. The certificate presentation on 17th May 2021 marked the completion of Batch 2 two years Sarawak Young Designers Training Programme. The programme was jointly implemented by STIDC and Fakultas Seni Rupa dan Desain (FSRD), Institut Teknologi Bandung (ITB), Indonesia.

The online programme was conducted by Spedagi, Sinau Desa, Temeanggung, Central Java, Indonesia featuring Belajar Desain Cara Desa (BDCD) as part of the training curriculum of ITB and the last activity for Batch 2. The programme was mentored by Bapak Singgih S Kartono who owns Spedagi, an enterprise producing bamboo and wood products for export markets including bamboo bicycles and wooden Magno Radio. Spedagi also involved the local community in order to boost their income.

SayD'Signers Sarawak Batch 2 Participants



Ryan Mattaeus Ak August@Sier



Royeson Bin Thomas

BDCD was part of the training programme developed by ITB to promote the rich designing heritage and legacy of a village among the young designers.

"I am pleased that despite COVID-19 pandemic, SayD'SignersSarawak training programme was carried out successfully by ITB. It is hoped that the programme would benefit the Batch 2 participants to further enhance their designing skills," Tuan Haji Hashim said.

The Sarawak Young Designers Training Programme was developed and implemented by STIDC in collaboration with Universiti Malaysia Sarawak (UNIMAS) and FSRD since 2018. The programme aimed to train fresh graduates to ensure a readily pool of furniture designers to serve the furniture industry of Sarawak. This augurs well with the aspiration to propel the growth of furniture industry and to generate RM6 billion worth of value-added products particularly furniture by 2030.



Maliha Binti Mail

Mastia Anak Changgai



Recella Nain Anak Luat



Jessica Tan Siew Ling



Arifin Bin Mohammad Sidek

POPO

by
ARIFIN BIN MOHAMMAD SIDEK

**TÀNGLÀNG**

by
JESSICA TAN SIEW LING

**KEPANG**

by
MALIHA BINTI MAIL

**PECKERY**

by
MASTIA ANAK CHANGGAI

**BILOG**

by
NUR FATIN ASYIKIN BINTI MOHD ANURA

**BALLERINA**

by
RECELLA NAIN ANAK LUAT

**SPLIT**

by
ROYRESON BIN THOMAS

**MERAK**

by
SITI NURHASIYKEN BINTI MOHD SABRI

**KITA**

by
RYAN MATTHAEUS ANAK AUGUST





SayD'SignerSarawak, a two-year training programme developed by STIDC in collaboration with Universiti Malaysia Sarawak (UNIMAS), aims to enhance the knowledge and skills of fresh Industrial Design graduates so as to develop their career path in furniture design, to be readily available and marketable in the State's timber industry. Targeted at producing 100 trained furniture designers by 2030, the programme sees STIDC collaborating with Institut Teknologi Bandung (ITB) of Indonesia. Through this collaboration, a specially customised curriculum was developed by ITB for the programme, which to date has resulted in significant improvement among SayD'SignerSarawak trainees.

The programme is now in its fourth batch of trainees, consisting of five fresh graduates from UNIMAS who are on their first year Attachment Training. There are 26 trainees in total as of now since the commencement of the programme. Due to the current pandemic, the batch currently undergoing training at ITB are doing so online, using training syllabus and curriculum that had been adjusted by ITB for the purpose.

Ryan and Arifin who themselves were trainees of the programme shared their experiences as young designers trained under SayD'SignersSarawak.

Arifin Sidek Finds Inspiration All Around Him

Furniture designer and SayD'Signers Sarawak member Arifin Sidek believes it is important to have a free mind when designing, to better express oneself creatively. Drawing inspiration from his surrounding, Arifin has created two fascinating chairs. The first is a piece he named Popo Chair, inspired by a humble seashell.

For Popo Chair, Arifin uses the internal structure of a seashell as a guide to designing a stronger seat structure. Also having an influence in the structural design of the Popo Chair is acupuncture. Arifin added capsule-shaped cushion

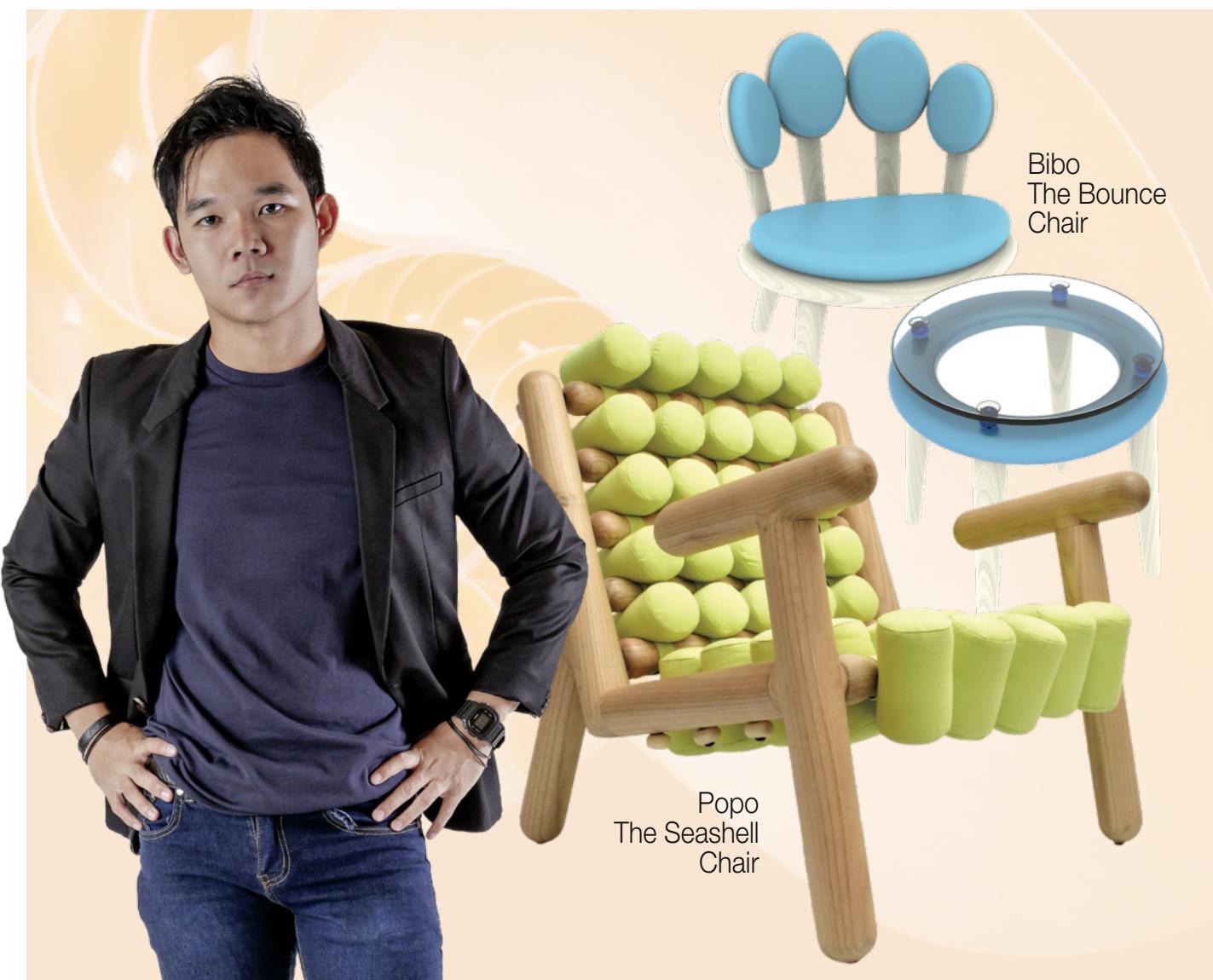
upholstery across the seating all the way to the backrest, ergonomically embracing and supporting the weight and movement of the body, adding both comfort and style at the same time.

In essence, Popo Chair offers full comfort for both the body and the eyes. Its colour, material and design combination creates such an impact on its user, physically, emotionally, and spiritually.

Arifin's other creation is called Bibo, a collection designed for a very comfortable and soft living environment. Its name is derived from the words

"bounce" and "baby blue", which reflect the designer's desire to create furniture that can inspire happiness. To put things into perspective, Arifin believes that the uniqueness of the bouncy effect and the organic shape of the bounce can create a happy mood.

Uniquely organic, minimal, and very urban, Arifin's Bibo collection is designed to embrace the nature of the wood used to make it. Rounded and soft in nature, the collection creates a sense of comfort both mentally and physically – just as the designer intends for his Bibo collection.





Ryan And His KiTA Mushroom Chair

Fellow furniture designer and SayD'Signers Sarawak member Ryan is particularly proud of his creation, the KiTA chair – a chair inspired by the enoki or enokitake mushroom. He created the chair during a design and training workshop at ITB from January to April 2020.

Just like the mushroom, the KiTA chair was deliberately designed to showcase irregularity and imperfection in its shape. The result is a unique chair with a more natural and real shape.

For KiTA, Ryan uses 90% solid wood, with another material making up the remaining 10% and adding value to the chair's overall aesthetic appeal. Finished in natural wood colour, Ryan's KiTA chair lets users experience a connection with nature, while

its contemporary design allows it to blend well in today's homes and be functional at the same time.

Ryan also designed BOW the Rainbow Chair, whose concept is based on the exploration of the rainbow as a central theme in designing the chair. Not only did Ryan have to transform the shape of a rainbow into a chair, he had to make the design fully functional as well.

The key to his design for the Rainbow Chair is to combine simplicity, functionality and craftsman, with a little wittiness on the side. And the resulting product is a comfortable and beautifully made chair that truly stands out from the rest.

RM500 Million Allocated To Develop Industrial Forest Plantations

RM500 million was allocated by the government under the 12th Malaysia Plan (2021-2025) to develop medium to large-scale Industrial Forest Plantations (IFP). The allocation was disclosed by The Honourable Datuk Willie Mongin, Deputy Minister of Plantation Industries and Commodities in conjunction with his official visit to STIDC on 7 April 2021.

The visit aimed to strengthen co-operation between the Ministry of Plantation Industries and Commodities and STIDC towards intensifying IFP projects in Sarawak.

Datuk Willie encouraged STIDC to promote this programme as well as the loans to assist industry players going through the challenges posed by the incessant COVID-19 pandemic.

According to him, community farming was also approved under the 12th Malaysia Plan focusing on the bottom 40-percent income (B40) group to cultivate forest plantations not exceeding four hectares adding that the government would provide the incentive of RM1,500.00 per hectare as well as seedlings and fertilisers.

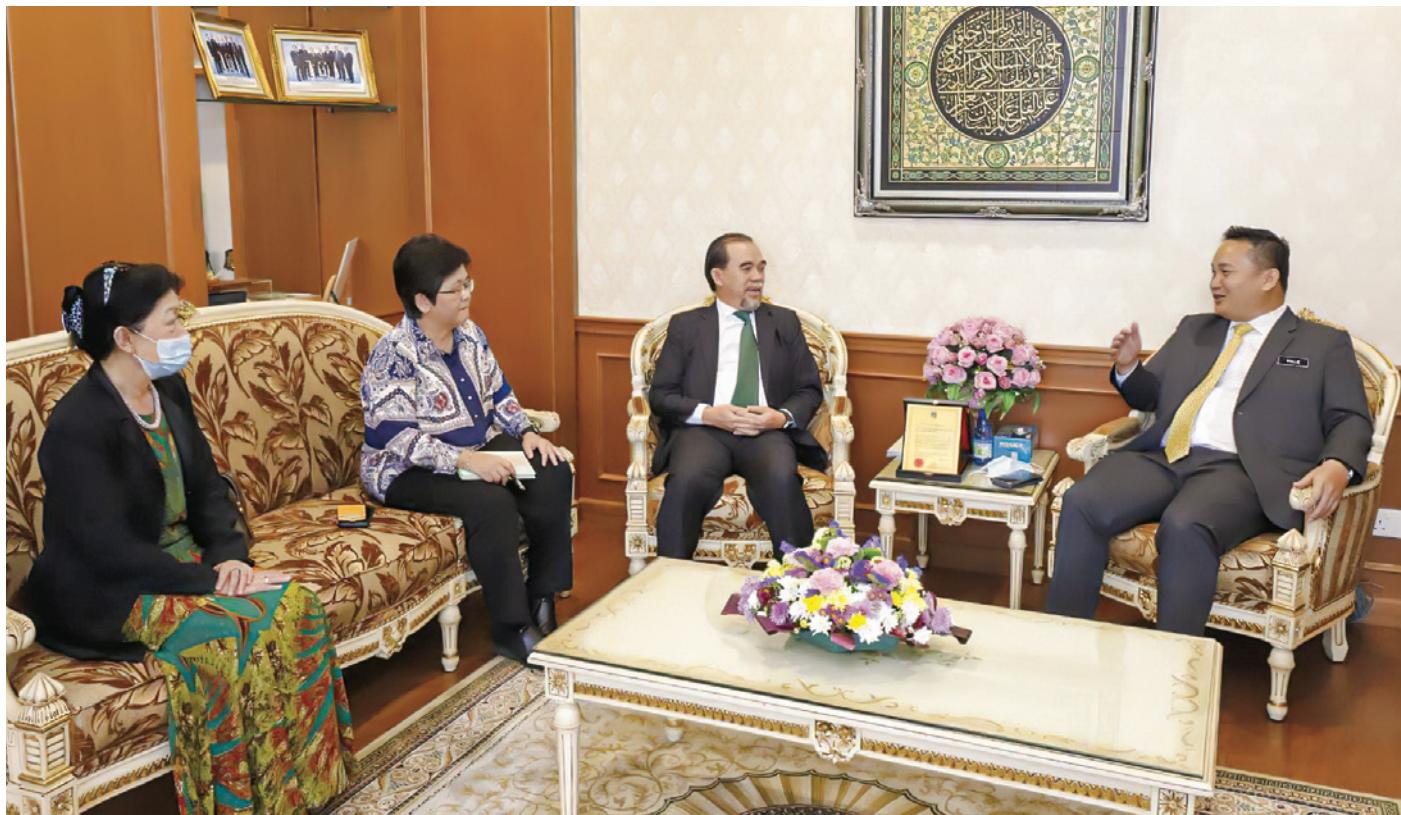
He highlighted that an anchor company or agency was necessary to co-ordinate the forest plantation projects and to ensure a ready market to purchase the timber products.

As far as SayD'SignersSarawak is concerned, he was impressed by the programme saying it becomes a platform to nurture local talents to design furniture products in accordance with the expectations of international buyers.

"This programme augurs well with the aspiration of the state government to export RM6 billion worth of furniture products by 2030 compared with RM47 million last year as well as the plan to establish a furniture city to create employment and business opportunities," he said.

Meanwhile, Tuan Haji Hashim Haji Bojet, General Manager of STIDC informed that Sarawak aimed to achieve RM8 billion worth of export earnings from timber products by 2030 with furniture sector contributing RM6 billion. He was optimistic that the target was achievable due to steady demands for our furniture products during international exhibitions in Dubai, India and Australia adding that the state was also aiming at the European and Singaporean markets.

"Our wood-based sector has been export-oriented since 1960s with primary and secondary products constituting more than 80 percent of the export earnings. Our furniture sector is still at nascent stage and dominated by small and medium enterprises (SMEs) catering for local markets. The timber industry transformation plan formulated five years ago was timely in ensuring that the industry focus on the production of high value-added products by investing in modern technology. Towards that end, the state was considering restricting the export of sawn-timber in order to meet the needs of our furniture manufacturers taking



Meeting in progress.
From left: Mdm. Dayang Nena, Cik Hajah Haluyah, Tuan Haji Hashim and The Honourable Datuk Willie Mongin.

advantage of the availability of solid wood to produce premium furniture products," he said.

"Sarawak embarks on Industrial Forest Plantation (IFP) since 1997 as another source of raw materials to support the industry. 45 IFP licences were issued by the government to plant one million hectares of fast growing trees by 2025. As at 31 December 2020, 519,758 hectares were planted with fast growing trees such as Acacia spp., Kelempayan (N.

cadamba), Batai (P.falcata), Eucalyptus spp., Rubber (Hevea brasiliensis), Meranti (Shorea species), Kapur (Dryobalanops spp.), Keruing (Dipterocarpus spp.) and many more. Industry players are, therefore, urged to intensify R&D activities in order to produce high quality planting materials," Tuan Haji Hashim said.

He revealed that the harvesting of industrial forests in Sarawak started in 2011 with log production of 44,000 cubic metres compared with 1.679 million

cubic metres in 2020 and is expected to increase in future. In view of this, he urged the industry to realign their manufacturing facilities to process logs from industrial forests and explore opportunities to produce value-added products such as engineered wood, pulp and paper, bio-plastics, bio-fuel and furniture.

Also present were Cik Hajah Haluyah Binti Aw, Deputy General Manager of STIDC and Mdm. Dayang Nena Binti Abang Bruce, STIDC Special Function Officer .



Bornean ironwood also known as Belian tree (*Eusideroxylon zwageri*) is one of the tree species planted in Sarawak.



A view of industrial forest in Sarawak.



Acacia seedlings at a nursery in Samarakan, Bintulu.

Sarawak Timber Species For Commercial Use

Sarawak, home to some of the world's oldest, most diverse tropical rainforests, is incredibly rich in natural resources. Our rainforest holds such a vast number of timber species, several of which have been identified as commercial timber species.

Varying in terms of their natural strength and density, Malaysian timber species are categorised into four (4) commercial groups, namely Heavy Hardwood, Medium Hardwood, Light Hardwood and Softwood.

Heavy Hardwood is durable and is perfect for outdoor use without any treatment. Medium Hardwood is suitable for medium to heavy construction. For Light Hardwood, it is suitable for general use such as for cabinets, furniture, and decorative panels making. Softwood on the other hand is commonly used as plywood or decorative panels.

With research & development and advanced technology, the durability of timber has been improved significantly to meet market needs.



Dark Red Meranti (*Shorea spp.*), Keruntum (*Combretocarpus rotundatus*) and Selunsur (*Tristaniopsis spp.*) are three commercial timber species in Sarawak that are fairly resistant to borers, although Dark Red Meranti seasons quite well out of the three species and is best used in medium heavy construction, furniture, flooring, cabinetry, joineries and plywood or veneer. Other Meranti species used commercially are White Meranti, Yellow Meranti and Light Red Meranti. Keruntum serves well in general construction although it is subject to splits. Meanwhile, Selunsur with its density range of 915 – 1250 kg per m³ (57-78 lbs per ft³) is widely used in heavy construction.



Selangan Batu (Heavy *Shorea spp.*) and Red Selangan (A few *Shorea spp.* Principally *Shorea guiso* and *Shorea kunstleri*) are commonly used in heavy construction, as railway sleepers, wooden bridges, wharfs, telephone and electric posts as well as heavy duty flooring. The difference between the two is that Red Selangan is more prone to attacks as sapwood and is softer and less durable.



Alan Batu and Alan Bunga (both *Shorea albida*) both have low shrinkage and are immune to borers, although susceptible to attacks when they are still green. The darker Alan Batu is used for heavy interior construction and flooring while the latter is commonly used in light interior construction, wall panelling, veneer/plywood and general utility.



Nyatoh (family of Sapotaceae) is a popular timber species to make furniture as well as joineries, panelling and decorative use. It seasons fairly well, is stable and only prone to borage as sapwood. Other species that are suitable for furniture-making include Rengas (*Gluta spp.* and *Melanochyla spp.*), Ubah (*Eugenia spp.*), Sepetir (*Copaifera palustris*, *Sindora spp.*), Bintangor (*Calophyllum spp.*), Geronggang (*Cratoxylum spp.*), and Ramin (*Gonystylus spp.*).

Besides furniture and construction, commercial Sarawak timber species are also used for various other purposes. Resak (*Vatica spp.* and *Cotylelobium spp.*) for example is used in boat building and marine applications. Jelutong (*Dyera spp.*) is used to make picture frames, pencils, toys, dowels and cabinets. Keruing (*Dipterocarpus spp.*) when treated is ideal for truck flooring and railway sleepers. Perupok (*Lophopetalum spp.*) is ideal for interior décor and fancy boxes. Pulai (*Alstonia spp.*) is perfect for carving, drawing board and interior fittings. Terentang (*Campnosperma spp.*) is used to make matchsticks, boxes and packing cases, among other things.

In addition to the above, the following are also identified as commercial timber species in Sarawak: Bindang (*Agathis spp.*), Kapur (*Dryobalanops spp.*), Mersawa (*Anisoptera spp.*), Simpoh (*Dillenia spp.*), *Tapang (*Koompassia excels*), *Menggris (*Koompassia malaccensis*). *Protected Plants under Wildlife Protection Ordinance 1998.

(source of information Based on: (i) STIDC Timber portal; (ii) The Malaysian Grading Rules for Sawn Hardwood Timber 2009 Edition)

Learn More About Sarawak's Timber

More details on the different species of timber in Sarawak are documented and put on display at the Timber Museum, located within the STIDC building (Wisma Sumber Alam) in Petra Jaya. It is the perfect place to visit for those who are interested in learning about the forest resources in Sarawak and how they are utilised in commercial applications such as furniture-making, construction, etc.

Beyond that, the museum also showcases the application of timber among local folks, to make traditional wood products such as musical instruments,



kitchen utensils and other heritage products, even in construction to build traditional wooden houses.

The Timber Museum was established in 1987 and has to date received some 200,000 visitors from different corners of the world, providing them an insight into the diverse forests of Sarawak without them having to enter the forest themselves. Today, the Timber Museum continues to enrich the knowledge of the visitors that come to explore its galleries, including students, researchers, educators, tourists and nature lovers.



TRADE STATISTICS SARAWAK



Table 1
Export Summary Of Timber And Timber Products From Sarawak

Products	2021 ^p January - March			2020 ^a January - March			% Change 2021 / 2020	
	Volume (M ³)	FOB Value (RM'000)	Value %	Volume (M ³)	FOB Value (RM'000)	Value %	Volume	Value
PLYWOOD	262,307	488,294	59.09	324,234	645,224	56.86	(19.10)	(24.32)
LOGS	101,813	85,914	10.40	313,926	142,772	12.58	(67.57)	(39.82)
SAWNTIMBER	35,781	65,765	7.96	78,016	126,938	11.19	(54.14)	(48.19)
FIBREBOARD	39,767	72,261	8.74	46,523	72,985	6.43	(14.52)	(0.99)
VENeer	9,263	11,750	1.42	11,940	15,716	1.39	(22.42)	(25.23)
DOORSKIN	9,844	21,661	2.62	8,805	19,636	1.73	11.80	10.31
LAMINATED BOARD/FLOORING	2,184	8,423	1.02	1,851	6,944	0.61	18.01	21.31
PARTICLEBOARD	2,089	1,586	0.19	9,789	6,204	0.55	(78.66)	(74.44)
DOOR PANELS & FRAMES	1,588	2,627	0.32	2,701	4,209	0.37	(41.19)	(37.60)
MOULDING	777	1,731	0.21	1,049	2,362	0.21	(25.94)	(26.74)
OTHER PRODUCTS*	7,082	9,624	1.16	9,076	11,149	0.98	(21.97)	(13.68)
OTHER PRODUCTS**[Units]	885,619	14,037	1.70	805,772	11,282	0.99	9.91	24.42
OTHER PRODUCTS***[Kgm]	-	-	-	42	8	0.00	(100.00)	(100.00)
BRIQUETTE & CHARCAOL (Tonne)	2,465	5,202	0.63	3,083	6,536	0.58	(20.06)	(20.41)
WOOD PELLETS [Tonne]	-	-	-	3,125	1,764	0.16	(100.00)	(100.00)
WOODCHIP [Tonne]	87,950	37,485	4.54	130,079	60,932	5.37	(32.39)	(38.48)
TOTAL (m³) (RM)	472,496	826,361	100	807,908	1,134,660	100	(41.52)	(27.17)

***Other Timber Products:**

- Barecore
- Blockboard
- Chopping Board
- Densified Wood
- Dowels
- Finger jointed
- Lamin Board
- Laminated beam/post
- Laminated Veneer Cross Band (LVB)
- Laminated Veneer Lumber (LVL)
- Railways sleepers
- Wooden panels

- Wooden Handle
- Wooden Fence
- Wooden lattice
- Wooden stakes

****Other Timber Products:**

- Furniture & Furniture parts
- Wooden Pallets

*****Other Timber Products:**

- Handicraft

Notes:

- > Fibreboard include MDF and HDF
- > Total of volume (m³) does not includes woodchips (tonne) and other product (units)
- > 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) : 2021 / 2020**

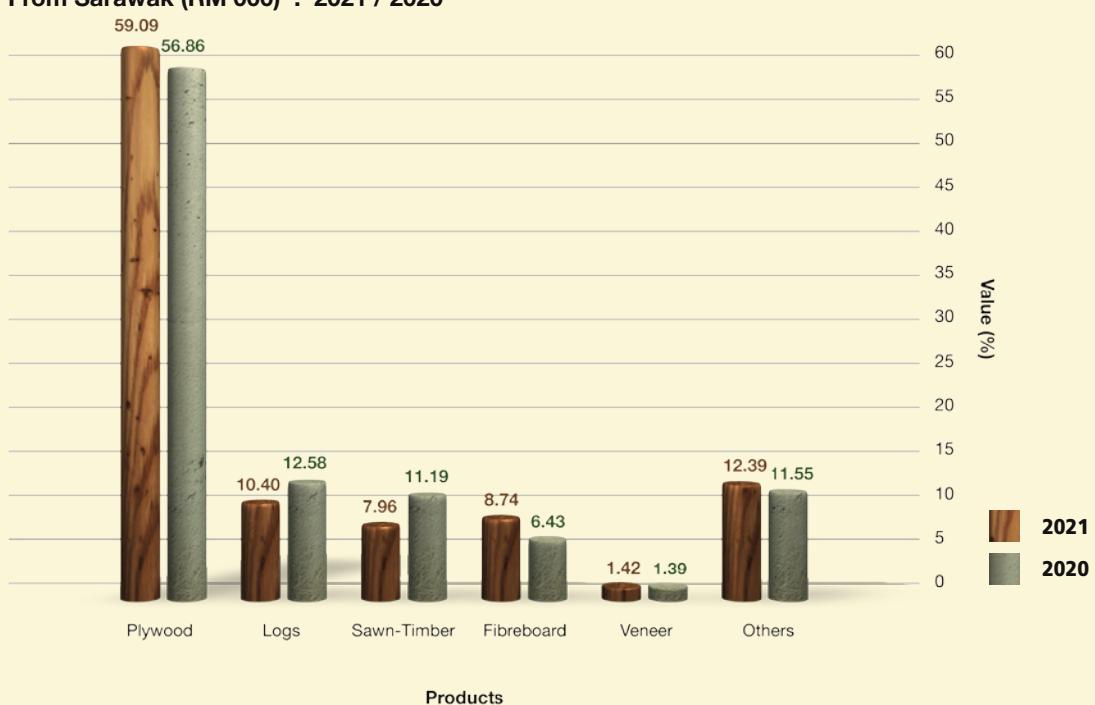


Table 2
Export Of Plywood By Country Of Destinations

Destinations	2021 ^b January - March			2020 ^a January - March			% Change 2021 / 2020	
	Volume (M ³)	FOB Value (RM'000)	Value %	Volume (M ³)	FOB Value (RM'000)	Value %	Volume	Value
JAPAN	174,064	340,495	69.73	193,822	433,028	67.11	(10.19)	(21.37)
MIDDLE EAST	35,365	54,067	11.07	62,833	96,541	14.96	(43.72)	(44.00)
TAIWAN	19,033	28,656	5.87	27,643	41,728	6.47	(31.15)	(31.33)
UNITED STATES	10,808	22,753	4.66	704	1,642	0.25	1435.72	1285.87
KOREA	11,519	17,764	3.64	23,593	38,935	6.03	(51.18)	(54.38)
AUSTRALIA	2,548	6,735	1.38	2,750	6,739	1.04	(7.36)	(0.05)
MEXICO	2,321	4,861	1.00	1,655	3,520	0.55	40.26	38.09
INDIA	1,647	3,843	0.79	2,161	5,004	0.78	(23.77)	(23.19)
BRUNEI DARUSSALAM	1,539	2,171	0.44	1,327	2,188	0.34	15.98	(0.81)
CHINA	1,029	1,975	0.40	670	1,256	0.19	53.55	57.22
OTHERS*	2,436	4,974	1.02	7,077	14,643	2.27	(65.58)	(66.03)
TOTAL	262,307	488,294	100	324,234	645,224	100	(19.10)	(24.32)

***Other Destinations:**

- Philippines
- Djibouti
- Hong Kong
- Maldives
- New Zealand
- Puerto Rico
- Singapore
- Thailand
- Vietnam

Export Value (%) Of Plywood To Major Destinations

: 2021 / 2020

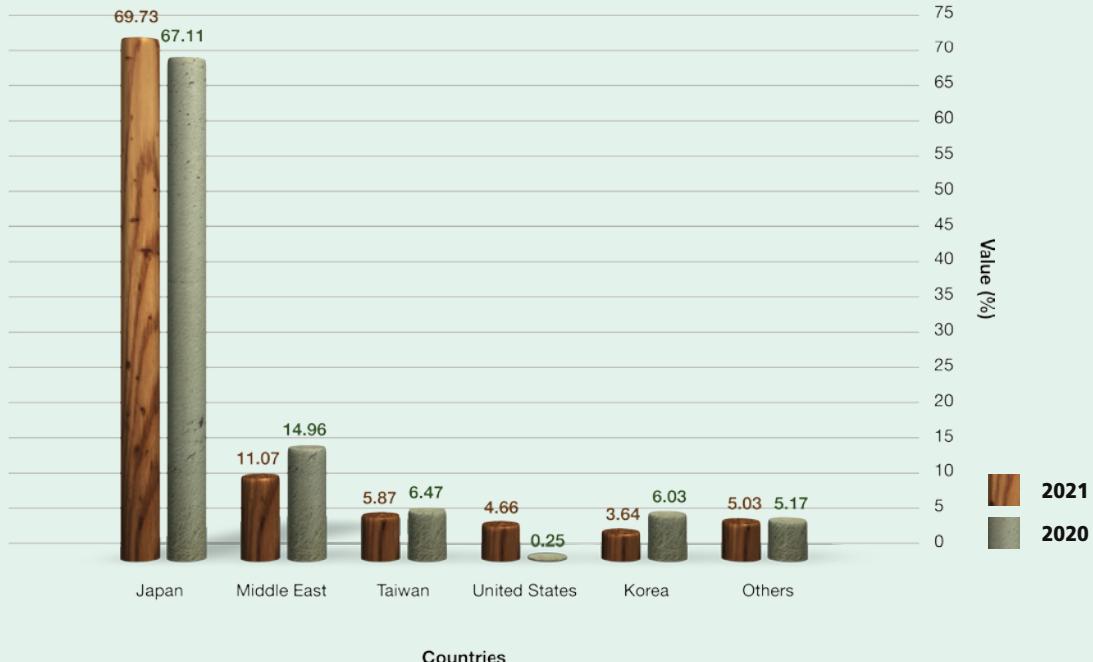


Table 3
Export Of Logs By Country Of Destinations

Destinations	2021 ^a January - March			2020 ^a January - March			% Change 2021 / 2020	
	Volume (M ³)	FOB Value (RM'000)	Value %	Volume (M ³)	FOB Value (RM'000)	Value %	Volume	Value
INDIA	92,806	77,715	90.46	95,845	75,846	53.12	(3.17)	2.46
TAIWAN	9,008	8,199	9.54	8,973	7,774	5.44	0.39	5.47
INDONESIA	-		-	191,571	46,833	32.80	(100.00)	(100.00)
JAPAN	-		-	9,786	6,983	4.89	(100.00)	(100.00)
VIETNAM	-		-	7,750	5,336	3.74	(100.00)	(100.00)
TOTAL	101,813	85,914	100	313,926	142,772	100	(67.57)	(39.82)

Export Value (%) Of Logs To Major Destinations

: 2021 / 2020

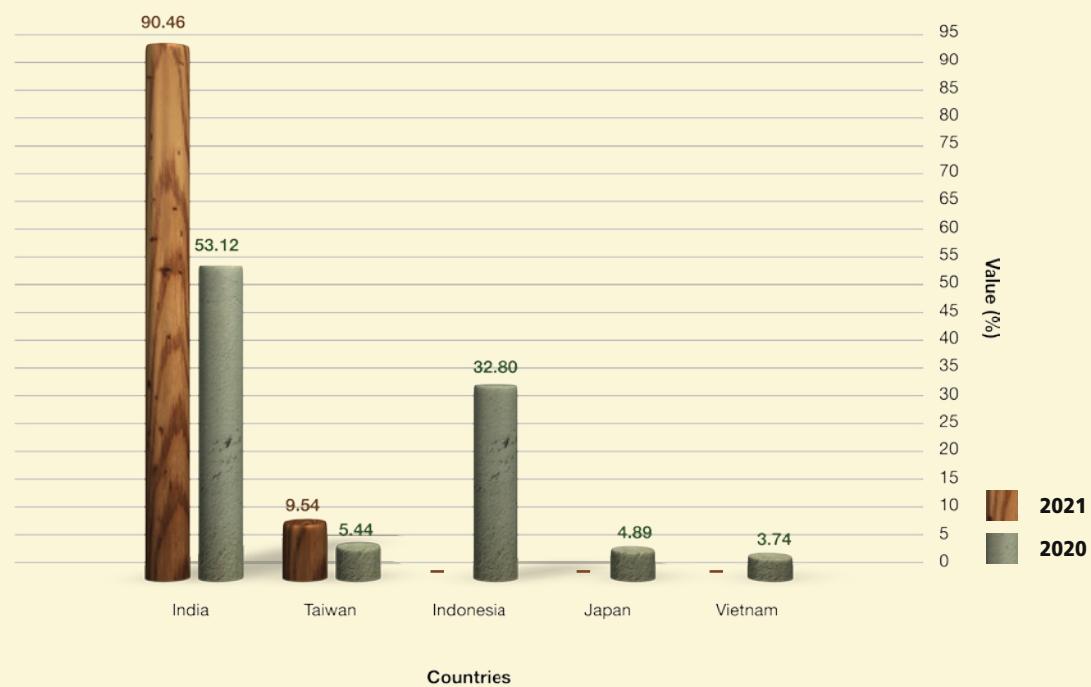


Table 4
Export Of Sawn-Timber By Country Of Destinations

Destinations	2021 ^b January - March			2020 ^a January - March			% Change 2021 / 2020	
	Volume (M ³)	FOB Value (RM'000)	Value %	Volume (M ³)	FOB Value (RM'000)	Value %	Volume	Value
PHILIPPINES	12,350	21,477	32.66	20,573	30,092	23.71	(39.97)	(28.63)
MIDDLE EAST	9,676	20,234	30.77	32,032	56,732	44.69	(69.79)	(64.33)
TAIWAN	5,826	10,211	15.53	8,188	12,770	10.06	(28.84)	(20.04)
THAILAND	2,432	3,553	5.40	9,087	10,308	8.12	(73.23)	(65.53)
JAPAN	1,394	3,324	5.05	2,274	5,892	4.64	(38.69)	(43.59)
CHINA	1,281	1,779	2.70	1,128	2,435	1.92	13.57	(26.95)
KOREA	997	1,596	2.43	2,622	4,407	3.47	(61.99)	(63.79)
SRI LANKA	651	1,317	2.00	490	1,069	0.84	32.90	23.27
SOUTH AFRICA	686	1,273	1.94	463	889	0.70	48.32	43.19
INDIA	197	428	0.65	179	504	0.40	10.03	(15.15)
OTHERS*	289	574	0.87	979	1,841	1.45	(70.49)	(68.80)
TOTAL	35,781	65,765	100	78,016	126,938	100	(54.14)	(48.19)

***Other Destinations:**

- Australia
- Maldives
- Mauritius
- Pakistan
- Singapore
- United States
- Vietnam

Export Value (%) Of Sawn-Timber To Major Destinations

: 2021 / 2020

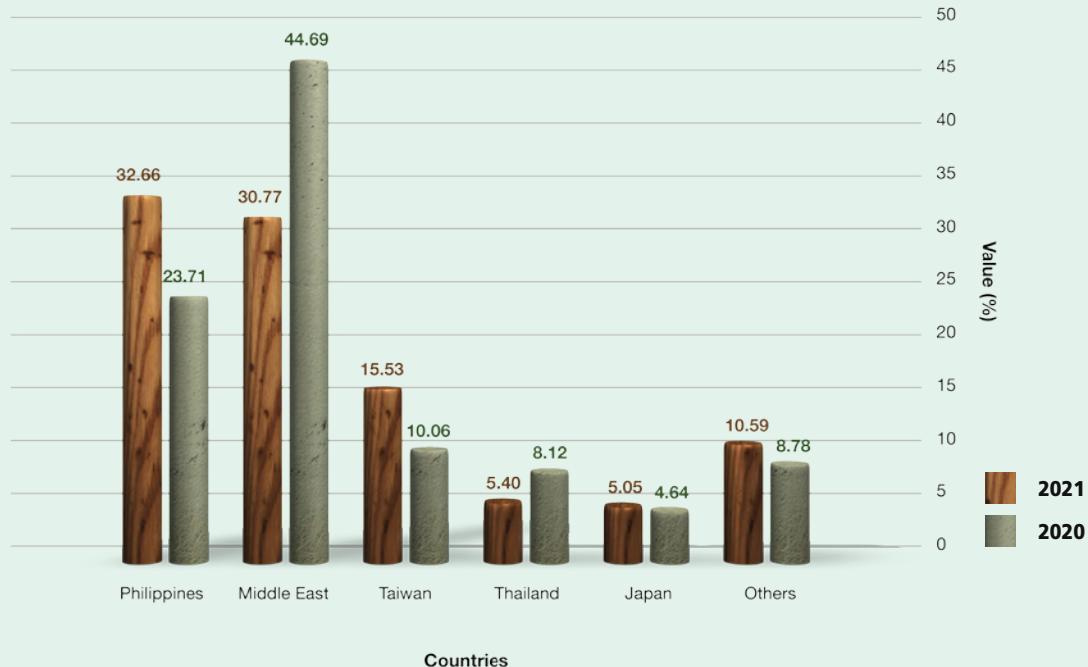


Table 5
Export Of Fibreboard By Country Of Destinations

Destinations	2021 ^a January - March			2020 ^a January - March			% Change 2021 / 2020	
	Volume (M ³)	FOB Value (RM'000)	Value %	Volume (M ³)	FOB Value (RM'000)	Value %	Volume	Value
JAPAN	25,954	50,714	70.18	37,421	58,015	79.49	(30.64)	(12.58)
PHILIPPINES	7,152	11,736	16.24	4,774	8,098	11.10	49.80	44.92
VIETNAM	2,775	4,283	5.93	1,501	2,441	3.34	84.88	75.46
INDONESIA	2,245	2,911	4.03	1,502	2,145	2.94	49.49	35.69
CANADA	446	1,008	1.40	-	-	-	100.00	100.00
TAIWAN	511	783	1.08	626	1,132	1.55	(18.36)	(30.84)
OTHERS*	685	827	1.14	699	1,154	1.58	(1.99)	(28.37)
TOTAL	39,767	72,261	100	46,523	72,985	100	(14.52)	(0.99)

***Other Destinations:**

- CHINA
- BRUNEI DARUSSALAM
- INDIA
- KOREA

Export Value (%) Of Fibreboard To Major Destinations

: 2021 / 2020

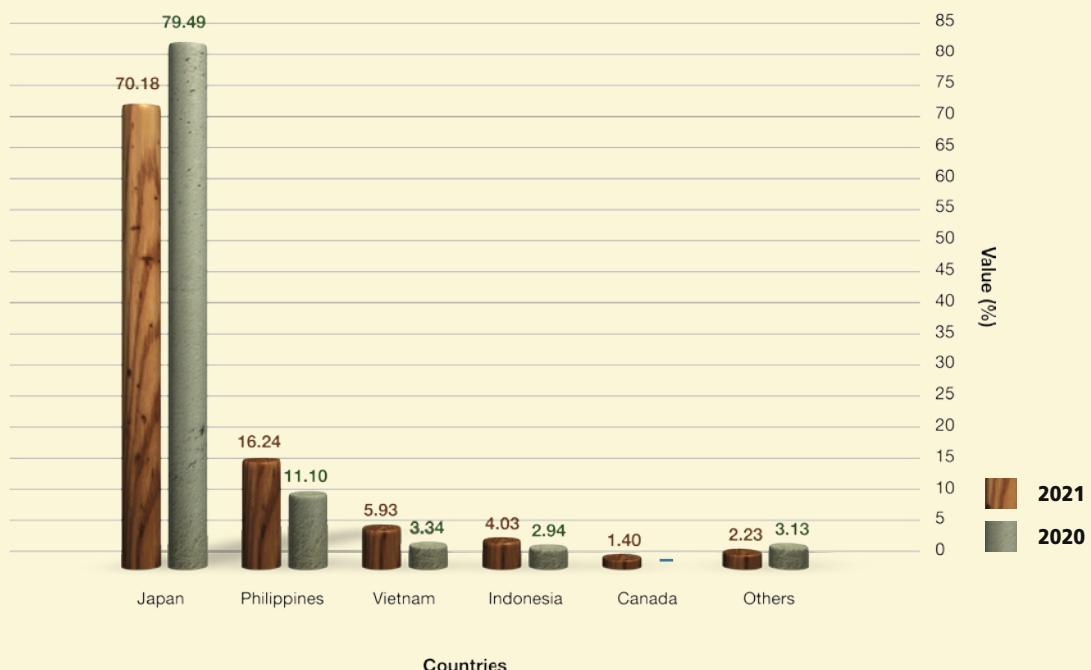


Table 6
Export Of Veneer By Country Of Destinations

Destinations	2021 ^a January - March			2020 ^a January - March			% Change 2021 / 2020	
	Volume (M ³)	FOB Value (RM'000)	Value %	Volume (M ³)	FOB Value (RM'000)	Value %	Volume	Value
TAIWAN	4,212	4,422	37.63	4,793	5,946	37.83	(12.12)	(25.63)
KOREA	1,759	2,798	23.81	3,272	4,592	29.22	(46.25)	(39.07)
JAPAN	1,145	2,163	18.41	1,203	2,342	14.90	(4.79)	(7.65)
CHINA	975	1,106	9.41	863	1,069	6.80	12.96	3.48
PHILIPPINES	1,035	961	8.18	1,709	1,612	10.26	(39.44)	(40.41)
AUSTRALIA	138	301	2.56	100	155	0.99	37.61	93.75
TOTAL	9,263	11,750	100	11,940	15,716	100	(22.42)	(25.23)

*Other Destinations:

- India

Export Value (%) Of Veneer To Major Destinations
: 2021 / 2020

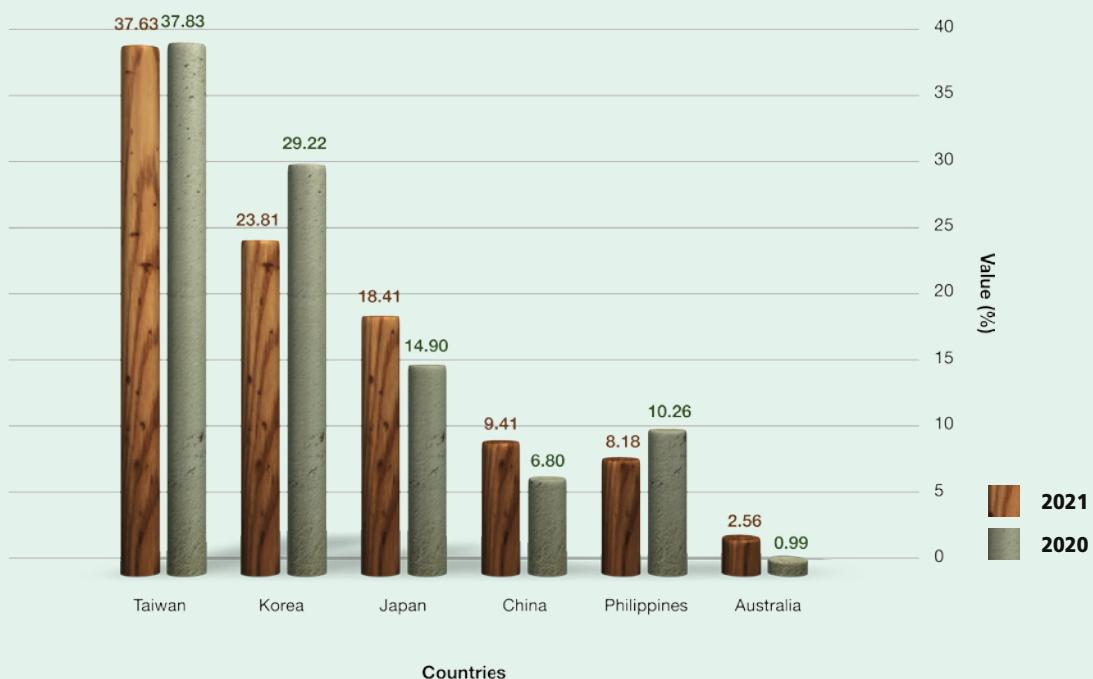


Table 7
Export Of Doorskin By Country Of Destinations

Destinations	2021 ^b January - March			2020 ^a January - March			% Change 2021 / 2020	
	Volume (M ²)	FOB Value (RM'000)	Value %	Volume (M ²)	FOB Value (RM'000)	Value %	Volume	Value
PAKISTAN	6,447	13,677	63.14	6,348	13,868	70.62	1.56	(1.37)
INDIA	1,890	4,169	19.25	1,492	3,378	17.20	26.64	23.40
SOUTH AFRICA	608	1,651	7.62	146	365	1.86	316.40	351.91
PHILIPPINES	425	1,039	4.80	265	715	3.64	60.42	45.44
TAIWAN	244	533	2.46	296	665	3.39	(17.52)	(19.79)
THAILAND	95	281	1.30	129	378	1.93	(26.23)	(25.73)
INDONESIA	69	155	0.71	96	188	0.96	(28.07)	(17.68)
NEPAL	33	81	0.37	-	-	-	100.00	100.00
OTHERS*	32	75	0.35	33	79	0.40	(1.55)	(5.48)
TOTAL	9,844	21,661	100	8,805	19,636	100	11.80	10.31

***Other Destinations:**

- Middle East
- Mongolia

Export Value (%) Of Doorskin To Major Destinations

: 2021 / 2020

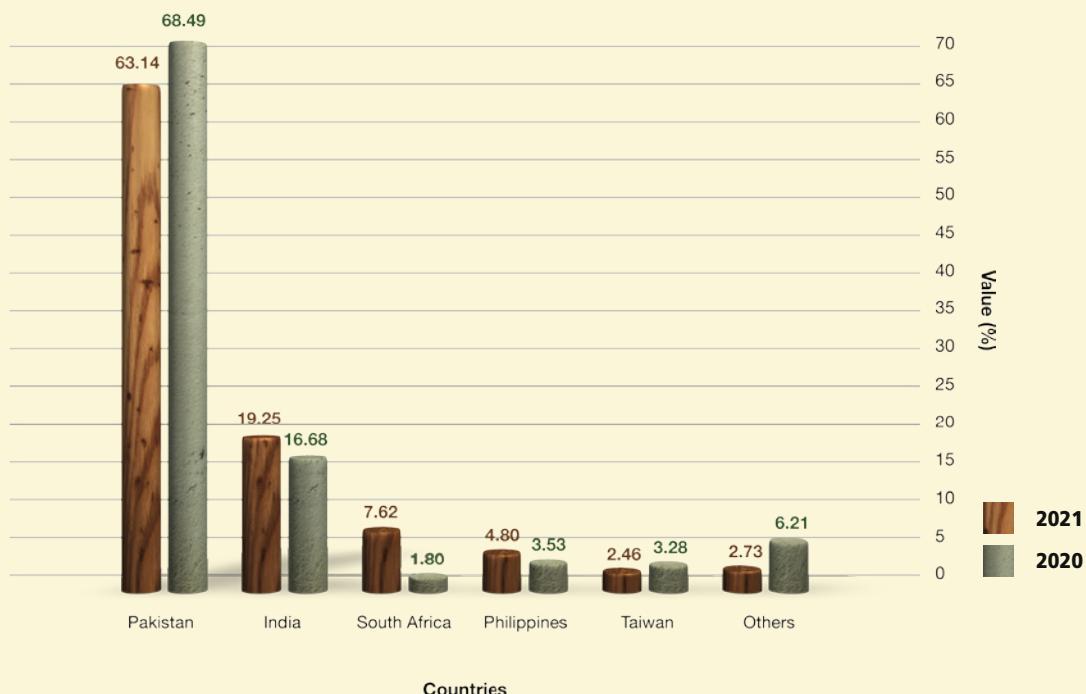


Table 8
Export Of Laminated Board/Flooring By Country Of Destinations

Destinations	2021 ^b January - March			2020 ^a January - March			% Change 2021 / 2020	
	Volume (M ³)	FOB Value (RM'000)	Value %	Volume (M ³)	FOB Value (RM'000)	Value %	Volume	Value
UNITED STATES	1,507	6,304	74.85	966	4,339	62.49	56.01	45.28
TAIWAN	286	706	8.38	381	757	10.90	(24.86)	(6.77)
VIETNAM	172	636	7.54	201	802	11.55	(14.50)	(20.76)
MACAU	44	425	5.04	44	442	6.36	0.00	(3.82)
EU	34	123	1.45	-	-	-	100.00	100.00
SINGAPORE	86	93	1.10	86	97	1.40	0.00	(4.60)
INDONESIA	23	81	0.96	46	162	2.34	(50.00)	(50.00)
KOREA	31	57	0.67	67	160	2.30	(53.12)	(64.61)
BANGLADESH	-	-	-	23	36	0.51	100.00	100.00
BRUNEI DARUSSALAM	-	-	-	14	54	0.78	(100.00)	(100.00)
MALAYSIA (Peninsular or Sabah-free zone)	-	-	-	22	95	1.37	(100.00)	(100.00)
TOTAL	2,184	8,423	100	1,851	6,944	100	18.01	21.31

Export Value Of Laminated Board / Flooring To Major Destinations : 2021 / 2020

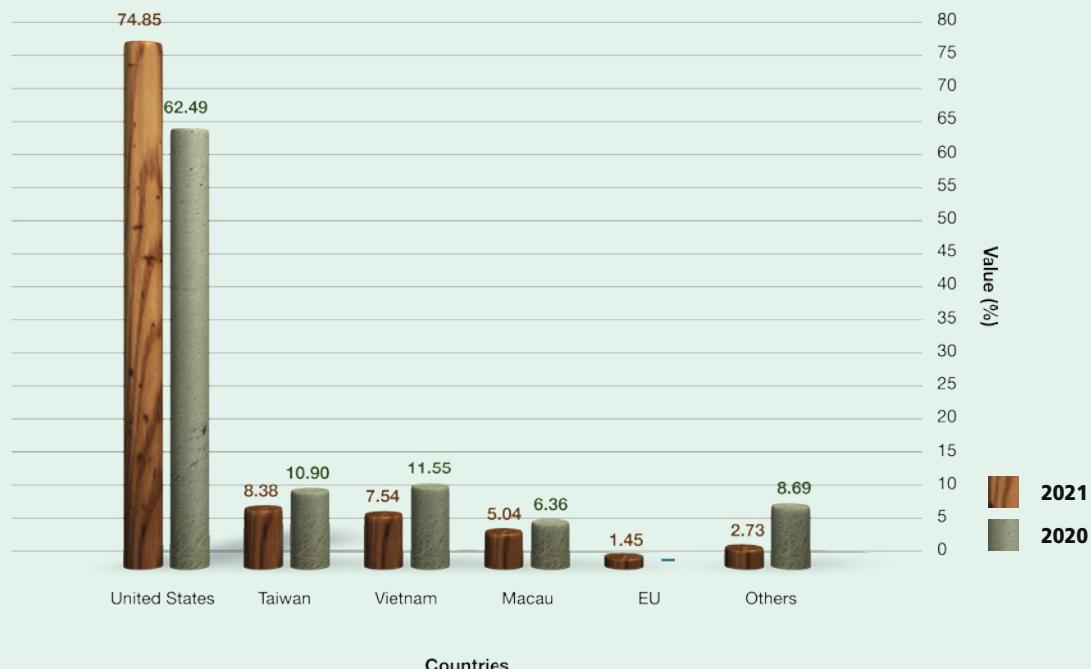


Table 9
Export Of Particle Board By Country Of Destinations

Destinations	2021 ^b January - March			2020 ^a January - March			% Change 2021 / 2020	
	Volume (M ³)	FOB Value (RM'000)	Value %	Volume (M ³)	FOB Value (RM'000)	Value %	Volume	Value
INDONESIA	1,196	928	58.51	4,625	2,841	45.79	(74.13)	(67.34)
PHILIPPINES	350	275	17.33	1,726	1,158	18.66	(79.70)	(76.27)
JAPAN	258	206	13.01	687	477	7.69	(62.44)	(56.77)
VIETNAM	199	112	7.03	1,601	999	16.10	(87.57)	(88.84)
KOREA	64	48	3.04	1,151	728	11.74	(94.41)	(93.38)
CHINA	21	17	1.07	-	-	-	100.00	100.00
TOTAL	2,089	1,586	100	9,789	6,204	100	(78.66)	(74.44)

**Export Value Of Particle Board To Major Destinations
(RM'000) : 2021 / 2020**

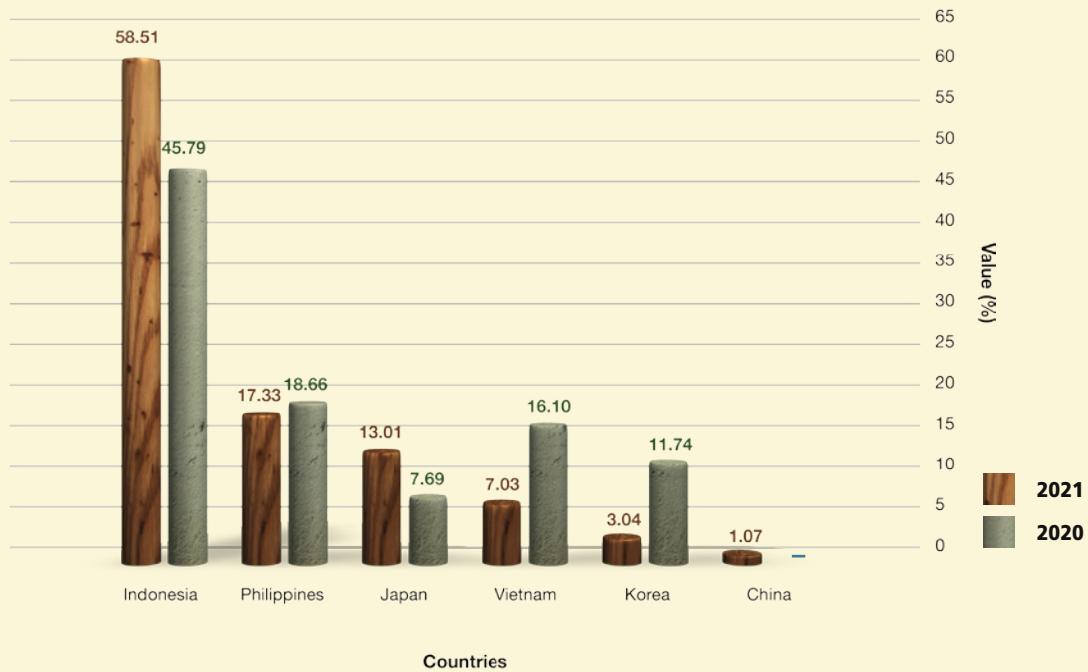


Table 10
Export Of Door Panel & Frame By Country Of Destinations

Destinations	2021 ^b January - March			2020 ^a January - March			% Change 2021 / 2020	
	Volume (M ³)	FOB Value (RM'000)	Value %	Volume (M ³)	FOB Value (RM'000)	Value %	Volume	Value
JAPAN	1,538	2,441	92.92	2,679	4,114	97.75	(42.60)	(40.68)
THAILAND	26	157	5.98	15	93	2.22	81.40	68.11
BRUNEI DARUSSALAM	24	29	1.10	-	-	-	100.00	100.00
MALDIVES	-	-	-	7	1	0.03	(100.00)	(100.00)
TOTAL	1,588	2,627	100	2,701	4,209	100	(41.19)	(37.60)

**Export Value (%) Of Door Panel & Frame To Major Destinations
: 2021 / 2020**

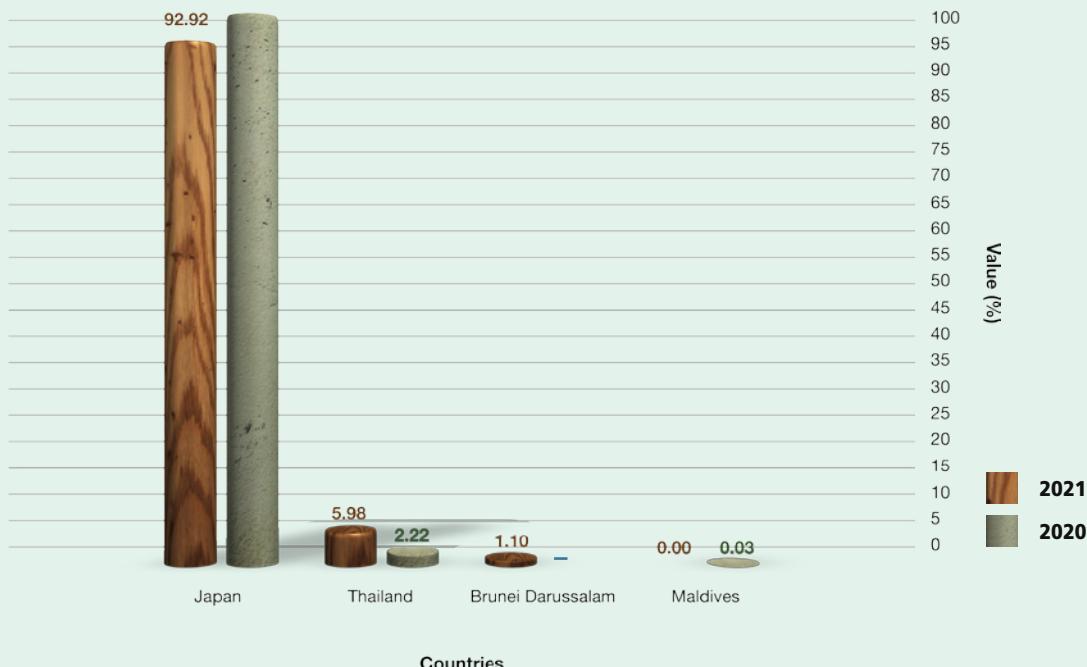
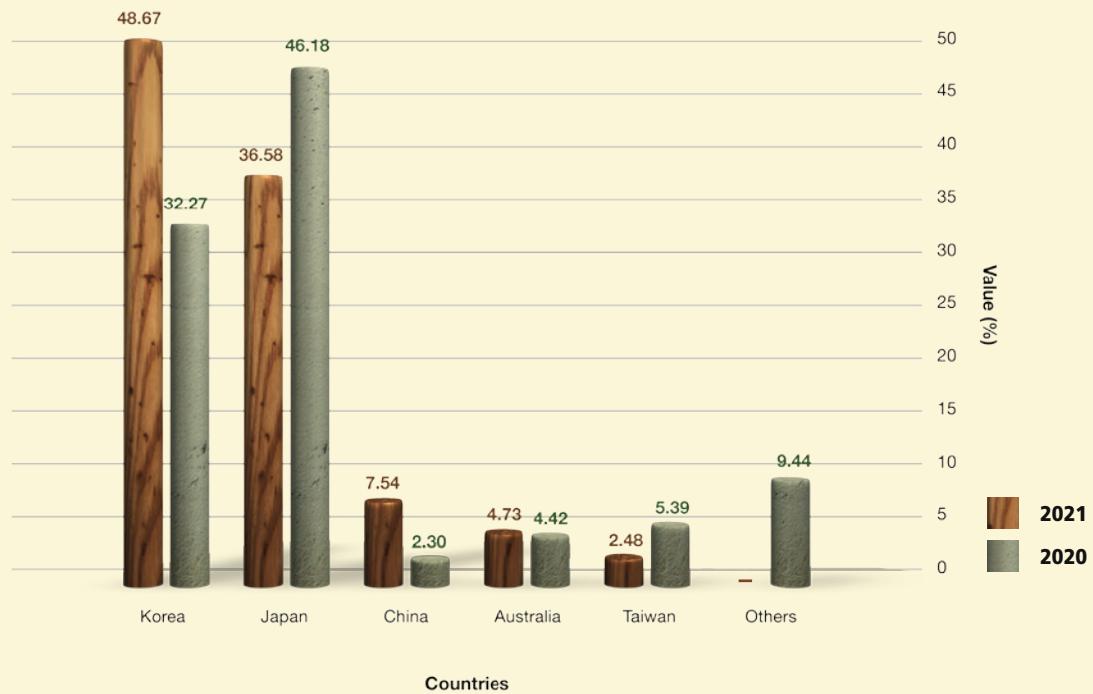


Table 11
Export Of Moulding By Country Of Destinations

Destinations	2021 ^b January - March			2020 ^a January - March			% Change 2021 / 2020	
	Volume (M ³)	FOB Value (RM'000)	Value %	Volume (M ³)	FOB Value (RM'000)	Value %	Volume	Value
KOREA	394	842	48.67	368	762	32.27	7.02	10.51
JAPAN	270	633	36.58	483	1,091	46.18	(44.01)	(41.98)
CHINA	73	131	7.54	36	54	2.30	100.31	140.38
AUSTRALIA	20	82	4.73	27	104	4.42	(28.04)	(21.60)
TAIWAN	21	43	2.48	78	127	5.39	(73.59)	(66.31)
EU	-	-	-	21	100	4.23	(100.00)	(100.00)
BRUNEI DARUSSALAM	-	-	-	3	10	0.44	(100.00)	(100.00)
MALDIVES	-	-	-	15	56	2.36	(100.00)	(100.00)
SOUTH AFRICA	-	-	-	18	57	2.41	(100.00)	(100.00)
TOTAL	777	1,731	100	1,049	2,362	100	(25.94)	(26.74)

**Export Value Of Moulding To Major Destinations
: 2021 / 2020**



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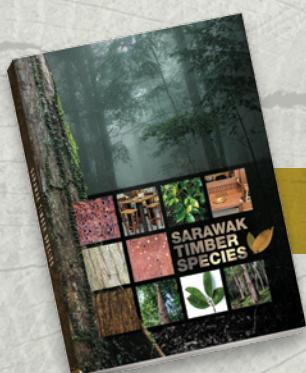
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