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STIDC manifested the spirit of unity in line with this 03 year's theme "Unity in Diversity"

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he 18th edition of Malaysia Games (SUKMA) had concluded with Sarawak contingent finished in second place behind Selangor. STIDC would like to take this opportunity to congratulate all the contingents from across the country and Brunei

for their stride towards excellence including in sports and games.

STIDC set aside other activities to focus on its role as a host agency for the Federal Territory contingent. Throughout the games, STIDC had rendered its best services in facilitating the contingent either as secretariat, liaison officers, facilities provider, welfare officers and many more.

Through this role, STIDC manifested the spirit of unity in line with this year's theme "Unity in Diversity" apart from supporting healthy lifestyle, healthy competition and promoting Sarawak as the preferred holiday destination.

Youth and Sports Minister, The Honourable Khairy Jamaluddin expressed his appreciation and congratulations to the government and people of Sarawak for manifesting a high spirit of unity. "SUKMA is where we sow the seeds of success for the future. This is just the beginning and let us aim for the future" he said.

Meanwhile, the Chief Minister of Sarawak, The Right Honourable Tan Sri (Dr) Haji Adenan bin Haji Satem quoted a legendary American athlete and Olympian, Jesse Owens who said, "Friendships are born on the field of athletic strife and the real gold of competition. Award become corroded, friends gather no dust".

STIDC is committed to supporting the government policies, programmes and activities including those that promote unity and harmony for common good.



# **Deputy Chief Minister Visited Tanjung Manis**

Tanjung Manis ushered the arrival of the Honourable Deputy Chief Minister I and Minister of Modernisation of Agriculture and Rural Economy, Datuk Amar Douglas Uggah Embas

anjung Manis New Township, being one of the growth nodes under Sarawak Corridor of Renewable Energy (SCORE) is the development and investment hub and the magnet of the central region of Sarawak particularly to investors and dignitaries who go there to see for themselves the business potential of the township.

On 1 September 2016, the township ushered the arrival of the Honourable Deputy

Chief Minister I and Minister of Modernisation of Agriculture and Rural Economy, Datuk Amar Douglas Uggah Embas.

The visit aimed to familiarise the Deputy Chief Minister on the overall development of the township in which STIDC plays pivotal role in facilitating and providing the basic infrastructure to ensure that developments proceed smoothly.

Upon arrival at Tanjung Manis, Datu Haji

Sarudu Haji Hoklai, General Manager of STIDC briefed the Deputy Chief Minister on Tanjung Manis Halal Hub Master Plan. Mr. Mastam bin Nado, Second Officer of Sarawak Marine Fisheries Department for Mukah Region and Mr. Bohari bin Haji Leng of Fisheries Development Authority of Malaysia provided an insight into the roles of their respective agencies in Tanjung Manis. Question and answer as well as site visit to Fisheries Development Authority of Malaysia were also conducted.



The Right Honourable Tun Jeanne, Co-Chairman of Tropical Rainforest Conservation and Research Centre (TRCRC) led the delegation's visit to the Forest Department of Sarawak

### STIDC Received TRCRC Delegation

TIDC had the honour to welcome The Right Honourable Tun Jeanne Abdullah, wife of the fifth Prime Minister of Malaysia, Tun Haji Abdullah Ahmad Badawi to the timber museum on 8 August 2016.

Tun Jeanne, Co-Chairman of Tropical Rainforest Conservation and Research Centre (TRCRC) led the delegation's visit to the Forest Department of Sarawak.

The visit aimed to acquire an insight into the forest management programmes implemented in Sarawak besides exploring collaboration opportunities in areas of mutual interest.

TRCRC aspires to conserve and rehabilitate endangered, rare and endemic species of tropical rainforests. It is also committed to protecting trees under the Red List of Threatened Species by International for Conservation of Nature (IUCN).

On hand to receive the delegation was STIDC Deputy General Manager, Tuan Haji Hashim Haji Bojet and the management members.

Tun Jeanne was accompanied by Dr. Dzaeman Dzulkifli, Executive Director, Dr. Tajang Jinggut, Chairman of Partnership Development and Mdm. Siti Hafizah Md. Zahrom, TRCRC Corporate Communication Manager.

The delegation also had the opportunity to attend a briefing by the Forest Department on Forest Management in Sarawak. This was followed by question and answer session.



## STIDC & UNIMAS To Enhance R&D On Wood-Based Products

MoU on 'Kursi PUSAKA' marked a formal collaboration in enhancing research and development on wood-based products particularly furniture

he signing of Memorandum of Understanding (MoU) between STIDC and Universiti Malaysia Sarawak (UNIMAS) on 'Kursi PUSAKA' marked a formal collaboration in enhancing research and development (R&D) on wood-based products particularly furniture. 'Kursi PUSAKA' is research and development fund for wood-based furniture.

The Honourable Datuk Amar Haji Awang Tengah Ali Hasan, Second Minister of Resource Planning and Environment and Minister of Industrial and Entrepreneur Development, Trade and Investment said, the collaboration was in consonance with STIDC vision to spearhead the advancement of timber industry in Sarawak.

He highlighted that the fund paved the way for collaboration between STIDC and UNIMAS Institute of Design and Innovation in furniture designing to meet both the domestic and international market requirements.

The Minister elaborated that the collaboration aimed to promote and enhance cooperation in research and development of wood-based products particularly furniture design. The cooperation will encompass exploring local motives, features, artifacts, new materials as well as technology enhancement.

"Last year, Sarawak registered RM6.6 billion in export revenue from timber and timber products. Furniture sector however, contributed merely RM20 million. Through

this collaboration, we hope to groom a pool of young furniture designers among university students to elicit competitive furniture designs for export markets. STIDC will use this platform to produce furniture using planted forest resources like Acacia" Datuk Amar Haji Awang Tengah said.

### **Summary**

- The collaboration was in consonance with STIDC vision to spearhead the advancement of timber industry in Sarawak
- The collaboration aimed to promote and enhance cooperation in research and development of wood-based products particularly furniture design
- STIDC will use this platform to produce furniture using planted forest resources like Acacia



 Datuk Amar Haji Awang Tengah (standing in the middle) witnessing the MoU signing between UNIMAS and STIDC



Collaboration between STIDC and UNIMAS through Kursi PUSAKA is a smart and timely initiative in meeting the current market requirements

# Kursi PUSAKA - A Smart & Timely Initiative

urniture industry players need to move in pace with the current trends in terms of customers' desire, design as well as the efficient use of space that suits physical quality and esthetic value to ensure competitiveness.

Besides, there must be a balance between the use of raw materials and the efficient and sustainable management of environment. This is imperative to ensure that the industry remain vibrant.

Collaboration between STIDC and UNIMAS through Kursi PUSAKA is a smart

and timely initiative in meeting the current market requirements.

Prof Dato' Dr Mohamad Kadim Suaidi, Vice Chancellor of UNIMAS said, through this initiative UNIMAS aspires to play its pivotal role in research and development based on the mutually agreed terms of reference on wood-based furniture design. This is in tandem with UNIMAS' objective to be a prominent knowledge partner in varied sectors in Sarawak.

"Through this initiative, we hope to build a strategic and lasting cooperation in order to create a high impact local furniture industry besides focusing on human capital to groom a pool of young furniture designers. This is to ensure that Sarawak is capable of creating a brand for its furniture with local motives that could penetrate the global market" he said.

He expressed hope that this initiative would lead to strategic cooperation with the stakeholders towards creating the local brand for our furniture.

- Furniture industry players need to move in pace with the current trends
- Besides, there must be a balance between the use of raw materials and the efficient and sustainable management of environment
- Through this initiative, we hope to build a strategic and lasting cooperation in order to create a high impact local furniture industry besides focusing on human capital to groom a pool of young furniture designers



# UNIMAS & STIDC Formalise Collaborative Agreement In line with this initiative, the MoU was signed to enhance

niversiti Malaysia Sarawak (UNIMAS) through The Institute of Design and Innovation and STIDC agreed to formalise a collaborative agreement on Kursi PUSAKA.

In line with this initiative, the MoU was signed on 18 July 2016 to enhance research and development on woodbased products. The signing ceremony was witnessed by the Second Minister of Resource Planning and Environment and

Minister of Industrial and Entrepreneur Development, Trade and Investment, Datuk Amar Haji Awang Tengah bin Ali Hasan.

research and development

on wood-based products

Through this collaboration, UNIMAS and STIDC aim to strengthen, promote and develop cooperation in wood-based products particularly on furniture design including exploring the local ethnic motives, feature and artifacts, exploring new material as well as technology enhancement.

Current challenges in the industry such as new trend, branding, lack of talent development in furniture design, beyond creative and functional design are among the known issues in the furniture industries.

The aspects of environmental awareness and sustainability are also important in this industry and through this collaboration both parties will find the balance between these aspects.

Both parties will also work together to identify, develop and promote talent developments through pool of young furniture designers.





on original equipment manufacturer (OEM) to ODM.

"We hope by using more of our own designs, we will increase revenue in this industry. By 2020, value-added products are targeted to account for 60% with primary products making up 40%. Currently, the ratio stands at 44% and 56% respectively" the Minister said.

- Through this collaboration, UNIMAS and PUSAKA aim to strengthen, promote and develop cooperation in woodbased products
- UNIMAS and PUSAKA will work together to identify, develop and promote talent developments



### Quantum Leap in TMP Operation

Since TMP took over in June 2009, its operation has shown quantum leap in volume from 425 TEUs to 93,000 TEUs in 2014

and refurbishment project practically completed on 31 October 2015, Tanjung Manis Port (TMP) is now capable of berthing three vessels at any one time compared to two vessels previously. The storage capacity of containerised cargo also increased from 45,000 TEUs to 230,000 TEUs. The new 10 metres berth allows TMP to handle bulk cargo such as fertilizer, rice, soya and maize for the central region of Sarawak.

Since TMP took over in June 2009, its operation has shown quantum leap in volume from 425 TEUs to 93,000 TEUs in 2014. The volume however dropped to 72,191 TEUs in 2015 due to the global economic downturn and is poised to increase to 85,000 TEUs in 2016.

22 March 2016 marked a new milestone in TMP's business endeavour with the



maiden call of the Evergreen Marine Corp to Tanjung Manis. This weekly call from China to Tanjung Manis every Tuesday has linked Sarawak to North Asia and the Pacific Market.

This new shipping service saves 50% of transit time to just eight days and seven days from Hong Kong and Shekou, China respectively. It has also dedicated feeder service to Kuching Port through MV MTT every Wednesday. Besides, it has increased transshipments on an average of 800 TEUs per month.

- TMP is now capable of berthing three vessels at any one time compared to two vessels previously
- 22 March 2016 marked a new milestone in TMP's business endeavour with the maiden call of the Evergreen Marine Corp to Tanjung Manis
- This new shipping service saves 50% of transit time to just eight days and seven days from Hong Kong and Shekou, China respectively

## Palm Oil Bulking Facilities

To commence operation by the end of 2016

he Palm Oil Bulking Facilities (POBF) is the first palm-oil based industry in Tanjung Manis Palm Oil Industrial Cluster (POIC). The RM70 million POBF was initiated by Tanjung Manis Bulkers Sendirian Berhad, a joint-venture between PUSAKA Capital Group and KTS Group. PUSAKA Capital is a subsidiary and investment arm of STIDC.

POBF construction is progressing smoothly and is expected to commence operation by the end of 2016.

POBF main facilities include 16 units of storage tank with maximum storage capacity of 64,000 metric tons. The other associated facilities of POBF are oil bays, pump house, boiler house, weightbridge control room, workshop, store, boiler room, water treatment plant, administrative block, etc.

The Tanjung Manis POIC infrastructure project is now completed and is ready to welcome investors. In the near future, POIC is also poised to witness the development of a refinery with the capacity of 1,200 metric tons per day, petro-chemical industry, oleo-chemical industry as well as other value added down-stream industries.

These will pave the way for the development of various projects like a 31-acre Integrated Palm Oil Project (IPOP) and a 159-acre Light Industrial Park for petro-chemical, oleo-chemical and related industries (LIPPOR).

These projects complement the development of a 7-acre Oil, Gas and Chemical Jetty (OGC Jetty) and a 30-acre Central Oil Distribution Terminal (CODT) which were completed and commenced operation in 2012.

The projects augur well with the government's aspiration to make Tanjung Manis a strategic economic hub of the central region of Sarawak with enormous spin-off effects such as business and employment opportunities. These will help to raise the living standard of the people besides putting Tanjung Manis on par with other towns.

STIDC will continue to facilitate the potential investors through PUSAKA Capital and its branch office in Tanjung Manis to ensure the success of the projects.

- The Palm Oil Bulking Facilities (POBF) is the first palm-oil based industry in Tanjung Manis POIC
- POBF main facilities include 16 units of storage tank with maximum storage capacity of 64,000 metric tons
- The Tanjung Manis POIC project is now completed and is ready to welcome investors.



### **Understanding HIRARC**

HIRARC have become the basis of planning, management and business operation and fundamental of risk management



Mr. Shamsudin bin Abdul Aziz of the Department of Safety and Health (right) commenting on the HIRARC exercise done by a group of participants •

azard Identification, Risk Assessment and Risk Control (HIRARC) have become the basis of planning, management and business operation and fundamental of risk management. Organisations that have carried out risk assessment at workplaces have noted numerous positive changes in their working culture. Risk assessment helps them to recognise substandard act and working condition as they develop and take necessary corrective action. Legislation requires that this process should be systematic and be recorded so that the results are reliable and the analysis complete. The risk assessment process should be continuous instead of one-off exercise.

HIRARC is important in line with the Department of Occupational Safety and Health (DOSH) Preventive Measures as a way of enforcing the Occupational Safety and Health (OSH) law. HIRARC helps us to identify hazard, analyse and assess its associated risk and apply the suitable control measures.

### Why HIRARC

The objectives of HIRARC are as follows:

- to identify all factors that may cause harm to employees and others (the hazards);
- to consider chances of the harm befalling anyone in the circumstances of a particular case and the possible severity that could come from it (the risks); and
- to enable employers to plan, introduce and monitor preventive measures to ensure that the risks are adequately controlled at all times.

### Planning of HIRARC Activities

HIRARC activities shall be planned and conducted:

- a. for situation
  - i. where hazard appears to pose significant threat;
  - ii. uncertain whether existing controls are adequate; or/and
  - iii. before implementing corrective or preventive measures.
- b. by organisation intending to continuously improve OSH Management System.

It is the duty of the employer to assign trained personnel to lead a team of employees associated with one particular process or activity to conduct HIRARC.

### Process of HIRARC

Process of HIRARC requires four simple steps:

- a. classify work activities;
- b. identify hazard;
- c. conduct risk assessment (analyse and estimate risk from each hazard)
   by calculating or estimating:
  - i. likelihood of occurrence; and
  - ii. severity of hazard
- d. decide if risk is tolerable and apply control measures (if necessary).

- HIRARC is in line with DOSH Preventive Measures as a way of enforcing the OSH law
- It is the duty of the employer to assign trained personnel to lead a team of employees associated with one particular process or activity to conduct HIRARC

### Why NADOPOD

Notifications under NADOPOD enable the authority (DOSH) to determine the causes of incidents in order to take preventive measures and avoid recurrence

ccupational Safety and
Health Act (OSHA) 1994
(Act 514) requires employers
to inform the nearest Department
of Occupational Safety and Health
(DOSH) on any occupational accident,
dangerous occurrence, poisoning and
disease. It also stipulates that every
medical practitioner or medical officer
requested to treat patients suspected with
occupational poisoning and diseases to
report the cases to the Director General
of DOSH. Occupational Safety and Health
Regulations (Notifications of Accidents,
Dangerous Occurrences, Occupational

Poisoning and Occupational Diseases) 2004 [NADOPOD] have provisions and further information on reporting standard operating procedures for employers and medical practitioners as stipulated under Section 32 of Act 514.

Notifications under NADOPOD enable the authority (DOSH) to determine the causes of incidents in order to take preventive measures and avoid recurrence. At the same time, the information gathered will be used as data base for DOSH to analyse and formulate strategic plans to enforce laws.

Employers can fulfill their duties under the Act by reporting the occupational safety and health accidents, dangerous occurrences, poisoning and diseases using the following forms:

JKKP6 - reporting of accidents involving fatalities and sick leave above four days and dangerous occurrences

JKKP7 - all occupational diseases and poisoning

JKKP8 - records of all occupational injuries and illnesses

Recording of occupational accidents, poisoning and diseases is imperative to enforce the Act. Besides helping employers and employees to identify causes of accidents, injuries, poisoning and diseases, records also facilitate Safety and Health Officers in executing their duties and responsibilities to ensure safe workplaces.

- Occupational Safety and Health Act (OSHA) 1994 (Act 514) requires employers to inform the nearest Department of Occupational Safety and Health (DOSH) on any occupational accident, dangerous occurrence, poisoning and disease
- The information gathered will be used as data base for DOSH to analyse and formulate strategic plans to enforce laws
- Employers can fulfill their duties under the Act by reporting the occupational safety and health accidents, dangerous occurrences, poisoning and diseases using the JKKP6, JKKP7 and JKKP8 forms





Participants posing with DOSH, STA and STIDC officials •

# OSH Campaign For Wood-Based Companies

The campaign served as a platform to promote OSH at workplaces

ccupational Safety and Healthy (OSH) is a pertinent issue that warrants serious attention by employers and employees. Occupational accidents and disasters particularly those that caused death pose adverse impacts to all parties. For employers, fatal accidents result in loss of talents and skills which affect productivity and tarnish reputation. For employees, fatal accidents cause loss of loved ones and sources of income.

Recognising the importance of OSH, STIDC in collaboration with the Department of Occupational Safety and Health (DOSH) and Sarawak Timber Association (STA) organised the OSH Campaign on 24-26 August 2016. The campaign was held in Lawas to cater for wood-based industry players in the northern region of Sarawak.

The campaign served as a platform to promote OSH at workplaces. Besides enhancing awareness on Occupational Safety and Health Act 1994, it also aimed to instill a safe and healthy work culture among the workforce with emphasis on safety aspects in the forestry sector including risks associated with driving

along logging roads and engineering activities as well as biological and psychological hazards.

The campaign discussed topics on Occupational Safety and Health Act (OSHA), Hazard Identification, Risk Assessment and Risk Control (HIRARC),

> Occupational Safety and Health Committee at Workplaces, and Notification of Accident, Dangerous Occurrence, Occupational Poisoning and Occupational Disease Regulation 2004 (NADOPOD).

This was followed by the OSH audit in



a logging camp to ensure that OSH is practised across-the-board in the forestry sector in Sarawak.

STIDC General Manager, Datu Haji Sarudu Haji Hoklai highlighted that under the Forest certification initiative, safety and health of employees is a prerequisite to get forest concessions certified. Noncertification therefore, should not be viewed as trivial issue due to imposition of restrictions and requirements in the global markets.

In handling the OSH issues, Department of Safety and Health (DOSH) Director, IR Haji Mohd Hatta Bin Zakaria said, the government through DOSH had launched the Occupational Safety and Health Master Plan 2011-2015 (OSH MP-15). He added that the OSH Master Plan 2016-

2020 is in the pipeline in order to have a safe and healthy work culture nationwide.

To prevent occupational accidents, he emphasised that organisations must be aware of the hazards at workplaces and manage employees' safety and health effectively. Besides employers, employees are equally responsible for occupational safety and health by making it a culture.

DOSH revealed that in 2015, there were 31 occupational accidents in the woodbased sector in Sarawak including three fatalities, three permanent disabilities and 25 non-permanent disabilities. In 2014, there were 28 occupational accidents in this sector with five fatalities, one permanent disability and 22 non-permanent disabilities.

Tripartite cooperation among the government, employers and employees on OSH should be intensified. All policies, strategies and programmes related to OSH warrant undivided support from the three parties in order to achieve the desired results.

- The campaign discussed topics on OSHA, HIRARC, NADOPOD and Occupational Safety and Health Committee at Workplaces
- Under the Forest certification initiative, safety and health of employees is a prerequisite to get forest concessions certified
- Tripartite cooperation among the government, employers and employees on OSH should be intensified







# STIDC Won Gold and Silver

STIDC won gold and silver awards in Team Excellence and ICC Convention

eam Excellence initiative by Malaysia Productivity
Corporation (MPC) is a platform to promote creativity and innovation besides enhancing efficiency, product quality, services, work processes as well as minimising cost, wastage and save time. The crux of the initiative is to enhance productivity towards efficient and effective delivery system, competitiveness and customers' satisfaction.

The initiative augurs well with Malaysia's aspiration to become a developed nation by 2020. Towards that end, productivity and innovation are among the six pillars of the 11<sup>th</sup> Malaysia Plan (2016-2020).

The economy is shifting towards valueadded and knowledge-based activities supported by innovation and productivity. In 2015, the national productivity rate grew by 3.3% while the 11<sup>th</sup> Malaysia Plan aims a growth rate of 3.7% per annum by 2020. In-depth understanding on productivity and quality is therefore crucial to achieve higher productivity.

In tandem with this initiative, STIDC participated in the Sarawak State Civil Service Innovative and Creative Circle (ICC) Convention 2016 and Team Excellence Convention for Sabah & Sarawak 2016.







POTOXYLON Group won the gold award from the project entitled "Retrieval of STIDC Activity Photos Takes a Long Time". D'Count10 Group who highlighted the "Less Efficient Payment Methods" also secured gold award. Meanwhile, TIMEPIECE II Group grabbed the silver award in the Team Excellence Convention and Four-Star Rating in the ICC Convention to qualify for the State Level ICC Convention.

- Team Excellence initiative is a platform to promote creativity and innovation
- The initiative augurs well with Malaysia's aspiration to become a developed nation by 2020.
- The economy is shifting towards value-added and knowledge-based activities supported by innovation and productivity

### Sarawak and Fujian Province Signed MoU on Mutual Collaborations



arawak and Fujian Province, China signed a Memorandum of Understanding (MoU) on mutual collaborations on 17 July 2016. The Honourable Datuk Haji Julaihi bin Haji Narawi, Assistant Minister of Rural Economy (Coastal Areas) and Fisheries and Assistant Minister of Industrial Development (Investment and Promotion) signed on behalf of Sarawak Government. Mr. Wang Tianming, Deputy General of Fujian Province Foreign Affairs Office on the other hand signed for Fujian Province. The signing ceremony was witnessed by The Honourable Datuk Amar Haji Awang Tengah bin Ali Hasan, Second Minister of Resource Planning and Environment and Minister of Industrial and Entrepreneur Development, Trade and Investment.

The MoU aims to:

- enhance economic and trade cooperation particularly in terms of trade and investment;
- enhance connectivity particularly air and sea roués for business and social activities;
- encourage people-to-people exchange by the government and private sectors; and
- expand cultural and educational exchange programmes whereby students from Sarawak can attend the Chinese language courses in Fujian Province.

According to Mr. Wang, industries such as petrochemical, machinery, electronic, information, forestry, fishery, agriculture,

food processing and furniture are thriving in Fujian Province. He was of the opinion that these industries have great potential in Sarawak in order to transfer technical know-how and exploit Sarawak's natural resources for mutual benefit.

Sarawak offers immensed investment opportunities particularly in Sarawak Corridor of Renewable Energy (SCORE) and Tanjung Manis where priority industries such as aluminium, glass, steel, oil-based, palm oil, fishing and aquaculture, timber-based, marine and tourism were identified to form the foundation for SCORE growth.

STIDC plays pivotal role in facilitating and providing basic infrastructure to meet the needs of potential investors in Tanjung Manis.

# market performance for January to June

### Export Value of Logs & Timber Products

Timber and timber products contributed RM3.1 billion to Sarawak's income from January to June 2016 compared with RM3.2 billion during the corresponding period last year. This represented a decrease of 4.7% due to weaker export performance of various commodities like dowel (3%), plywood (6%), veneer (7%), particle board (10%), logs (14%) and moulding (56%). Income from other commodities however increased with block board (100%), sawn timber (23%), fibreboard (20%), wood chips (12%) and laminated board/flooring (6%).

Plywood, sawn timber and logs remained the top three export items and accounted for 49% (1.5 million m³), 25% (779,436 m³) and 13% (393,546 m³) respectively. **(Table 1)** 

### Logs

The first six months of 2016 saw a decrease in export volume of logs by 6% to 1.3 million m³ from 1.4 million m³ and a decrease by 14% in value to RM779 million from RM910 million during the same period last year.

Export volume of logs to India dropped by 9% to 695, 645 m³ although it remained as the top consumer. Taiwan also cut logs importation by 32% to 90,754 m³. Indonesia however increased logs importation by 37% to 420,018 m³.

These countries constituted 91% of the overall export volume and 89% of the overall export value of logs during the period.

The average FOB unit value of logs decreased by 9% from RM646 to RM589 for the first-half of 2016 compared to the similar period last year. **(Table 2)** 





### Sawn-timber

The first-half of 2016 saw Sarawak's export volume of sawn timber dropped by 0.84% to 281,582 m³ from 283,971 m³. The export value however increased by 23% to RM394 million from RM319 million compared to the similar period in 2015.

The Philippines maintained its position as the number one buyer of sawn timber and increased its consumption by 46% to 108,118 m<sup>3</sup>. Other major sawn timber importers were the Middle East at 56,787 m<sup>3</sup> or an increment of 10% and Thailand at 42,136 m<sup>3</sup> which marked a decrease of 32%.

The Philippines, The Middle East and Thailand constituted 74% of the total export volume of sawn timber and contributed 73% to the total export value of logs for the first-half of 2016.

The average FOB unit value of sawn timber increased by 24% from RM1,123 to RM1,398 for the first-half of 2016 compared to the same period last year. (Table 3)

### **Plywood**

The export volume of Sarawak's plywood slid by 3.68% at 870,065 m³ during the first-half of 2016 compared to 903,321 m during the corresponding period in 2015. Plywood accounted for RM1.5 billion or 49% of the overall revenue earned from the export of logs and timber products.

Japan remained the number one importer of the State's plywood with the purchase of 493,235 m<sup>3</sup> or 57% of the export volume at RM913 million. This was followed by The Middle East and Korea with an increase in export volume by 34% and 11% respectively.

These countries contributed 82% to the total export volume and value of plywood for the first-half of 2016.

The average FOB unit value of plywood decreased by 2% from RM1,777 to RM1,742 for the first-half of 2016 compared to the similar period in 2015. **(Table 4)** 



### Other Timber products

Other timber products included veneer, dowels, mouldings, particle board, fibreboard, block board, laminated board/ flooring, woodchip and others as mentioned in Table 1. These products contributed RM3.99 million and 13% of the overall export value of logs and timber products for the first-half of 2016.

The volume of veneer decreased by 13%, followed by laminated board/flooring (-19%), moulding (-51%), dowel (-28%), particle board (-13%) and woodchip (-5).

The volume of fibreboard and block board however increased by 0.72% and 100% respectively during the first-half of 2016 compared to the same period last year.

(Table 5, 6, 7, 8, 9 & 10)





### Outlook

Export performance of Sarawak's timber and timber products for the first-half of 2016 was hit by volatile situation in the major consuming markets such as Japan, India, Taiwan and China. This was aggravated by their preference for high quality timber products from exporting countries including Malaysia. These situations pose challenges to our timber business and warrant serious attention by the local industry players.

TABLE 1 EXPORT SUMMARY OF TIMBER AND TIMBER PRODUCTS FROM SARAWAK

PRODUCTS	<b>2016</b> ° January - June			Ja	<b>2015</b> <sup>p</sup> anuary - Jun	e	% Ch 2016 /	
PRODUCIS	Volume (M³)	FOB Value (RM'000)	Value %	Volume (M³)	FOB Value (RM'000)	Value %	Volume	Value
LOG	1,322,780	779,436	25.24	1,408,995	910,162	28.42	(6.12)	(14.36)
SAWNTIMBER	281,582	393,546	12.74	283,971	318,828	9.96	(0.84)	23.44
PLYWOOD	870,065	1,515,916	49.08	903,321	1,605,451	50.13	(3.68)	(5.58)
VENEER	67,617	99,794	3.23	77,425	106,943	3.34	(12.67)	(6.68)
LAMINATED BOARD / FLOORING	4,877	17,911	0.58	6,009	16,887	0.53	(18.83)	6.06
MOULDING	2,210	5,104	0.17	4,502	11,571	0.36	(50.93)	(55.89)
DOWEL	212	997	0.03	295	1,028	0.03	(28.13)	(3.02)
FIBREBOARD	83,781	144,205	4.67	83,180	119,941	3.75	0.72	20.23
BLOCKBOARD	2,025	2,389.00	0.08	-	-	-	100.00	100.00
PARTICLE BOARD	37,677	22,255	0.72	43,144	24,802	0.77	(12.67)	(10.27)
OTHER PRODUCTS*	42,229	47,952	1.55	38,249	41,262	1.29	10.40	16.21
OTHER PRODUCTS**[Units]	13,033	20,506	0.66	9,184	11,110	0.35	41.91	84.57
WOODCHIP [Tonne]	100,050	38,674	1.25	105,600	34,617	1.08	(5.26)	11.72
TOTAL (m³) (RM)	2,715,053	3,088,685	100	2,849,091	3,202,602	100	(4.70)	(3.56)

### **\*OTHER TIMBER PRODUCTS:**

- Briquette
- Core Plugs
- Densified wood
- Door & door frames
- Finger jointed
- Furniture and furniture parts
- Laminated beam

#### \*\*OTHER TIMBER PRODUCTS:

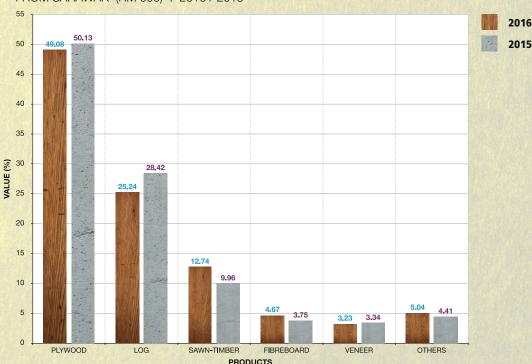
Furniture

- Laminated post Laminated Veneer Lumber (LVL)
- Railways sleepers
- Wooden fences
- Wooden gates
- Wooden pellet
- Wooden pegs & stakes
- Wooden pallet

- > 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 Decleration
- p = preliminary data & total does not include application/permit to transport goods within the Federation [Customs Decleration Form No.3 (CDF3)]

### **EXPORT VALUE (%) OF MAJOR TIMBER & TIMBER PRODUCTS**

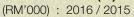
FROM SARAWAK (RM'000): 2016 / 2015

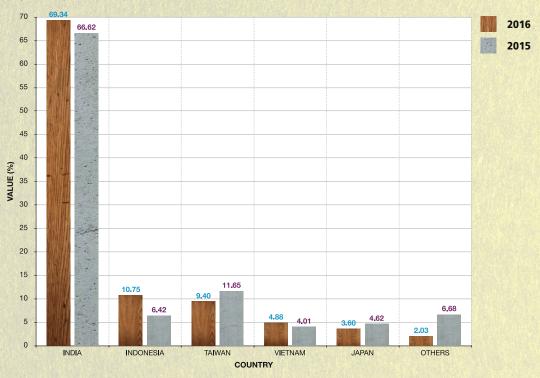


**TABLE 2** EXPORT OF LOGS BY COUNTRY OF DESTINATIONS

DESTINATIONS	Já	<b>2016</b> <sup>p</sup> January - June			<b>2015</b> <sup>p</sup> anuary - Jun	% Change 2016 / 2015		
DESTINATIONS	Volume (M³)	FOB Value (RM'000)	Value %	Volume (M³)	FOB Value (RM'000)	Value %	Volume	Value
INDIA	695,645	540,470	69.34	763,439	606,332	66.62	(8.88)	(10.86)
INDONESIA	420,018	83,762	10.75	307,130	58,397	6.42	36.76	43.44
TAIWAN	90,754	73,232	9.40	133,593	106,047	11.65	(32.07)	(30.94)
VIETNAM	60,394	38,040	4.88	64,190	36,527	4.01	(5.91)	4.14
JAPAN	32,846	28,093	3.60	53,638	42,068	4.62	(38.76)	(33.22)
CHINA	15,454	10,712	1.37	61,221	42,002	4.61	(74.76)	(74.50)
KOREA	7,669	5,127	0.66	25,785	18,789	2.06	(70.26)	(72.71)
TOTAL	1,322,780	779,436	100	1,408,995	910,162	100	(6.12)	(14.36)

### **EXPORT VALUE (%) OF LOGS TO MAJOR DESTINATIONS**





**TABLE 3**EXPORT OF SAWN-TIMBER BY COUNTRY OF DESTINATIONS

DESTINATIONS	Ja	<b>2016</b> ° January - June			<b>2015</b> <sup>p</sup> anuary - Jun	% Ch 2016		
DESTINATIONS	Volume (M³)	FOB Value (RM'000)	Value %	Volume (M³)	FOB Value (RM'000)	Value %	Volume	Value
PHILIPPINES	108,118	137,226	34.87	74,255	53,545	16.79	45.60	156.28
MIDDLE EAST	56,787	98,436	25.01	51,443	76,503	24.00	10.39	28.67
THAILAND	42,136	51,159	13.00	62,319	69,018	21.65	(32.39)	(25.88)
TAIWAN	27,960	27,786	7.06	37,407	36,389	11.41	(25.26)	(23.64)
KOREA	12,713	20,455	5.20	12,441	20,327	6.38	2.19	0.63
JAPAN	10,352	22,262	5.66	10,777	20,813	6.53	(3.94)	6.96
SRI LANKA	6,136	10,923	2.78	6,946	10,708	3.36	(11.66)	2.01
SINGAPORE	4,873	5,977	1.52	7,193	8,225	2.58	(32.25)	(27.33)
CHINA	4,833	5,235	1.33	10,346	10,018	3.14	(53.29)	(47.74)
SOUTH AFRICA	2,633	5,424	1.38	2,912	4,624	1.45	(9.59)	17.30
OTHER*	5,043	8,663	2.20	7,931	8,658	2.72	(36.42)	0.06
TOTAL	281,582	393,546	100	283,971	318,828	100	(0.84)	23.44

### \*OTHER DESTINATIONS:

- AUSTRALIA
- BRUNEI DARUSSALAM
- HONG KONG
- INDIA
- MALAYSIA (Peninsular or Sabah-free zon)
- MALDIVES
- MAURITIUS
- PAKISTAN

- REUNION
- SEYCHELLES
- SUDAN
- UNITED STATES
- VIETNAM

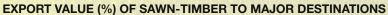




TABLE 4 EXPORT OF PLYWOOD BY COUNTRY OF DESTINATIONS

DESTINATIONS	Ja	<b>2016</b> <sup>p</sup> January - June			<b>2015</b> <sup>p</sup> anuary - Jun	% Ch 2016 /		
DESTINATIONS	Volume (M³)	FOB Value (RM'000)	Value %	Volume (M³)	FOB Value (RM'000)	Value %	Volume	Value
JAPAN	493,235	912,590	60.20	532,572	993,807	61.90	(7.39)	(8.17)
MIDDLE EAST	114,263	159,516	10.52	85,555	132,790	8.27	33.56	20.13
KOREA	106,848	167,807	11.07	96,015	150,604	9.38	11.28	11.42
TAIWAN	72,515	112,436	7.42	90,339	144,213	8.98	(19.73)	(22.03)
HONG KONG	15,267	28,020	1.85	15,644	27,776	1.73	(2.41)	0.88
CHINA	12,540	23,706	1.56	17,151	32,587	2.03	(26.89)	(27.25)
PHILIPPINES	10,345	20,464	1.35	16,725	33,173	2.07	(38.15)	(38.31)
AUSTRALIA	9,134	21,765	1.44	7,516	15,543	0.97	21.54	40.03
BRUNEI DARUSSALAM	6,884	11,313	0.75	6,273	8,823	0.55	9.74	28.22
THAILAND	5,326	9,958	0.66	8,237	14,530	0.91	(35.34)	(31.47)
OTHER*	23,709	48,341	3.19	27,294	51,605	3.21	(13.13)	(6.32)
TOTAL	870,065	1,515,916	100	903,321	1,605,451	100	(3.68)	(5.58)

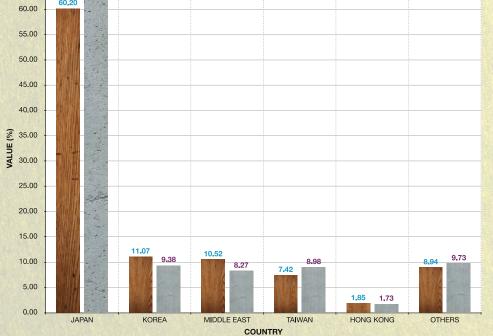
### \*OTHER DESTINATIONS:

- CANADA
- CHILE
- DJIBOUTI
- **EGYPT**
- INDIA
- MALAYSIA (Peninsular or Sabah-free zon)
- **MALDIVES**
- **MEXICO**
- **NEW ZEALAND**
- NOTHERN MARIANA ISLANDS

- PAKISTAN
- **SINGAPORE**
- **SOLOMON ISLANDS**
- SOUTH AFRICA
- SRI LANKA
- TURKEY
- UNITED KINGDOM
- UNITED STATES
- VIETNAM

### **EXPORT VALUE (%) OF PLYWOOD TO MAJOR DESTINATIONS**

(RM'000): 2016/2015 2016 61.90 60.00 2015 55.00 50.00 40.00



2016

2015

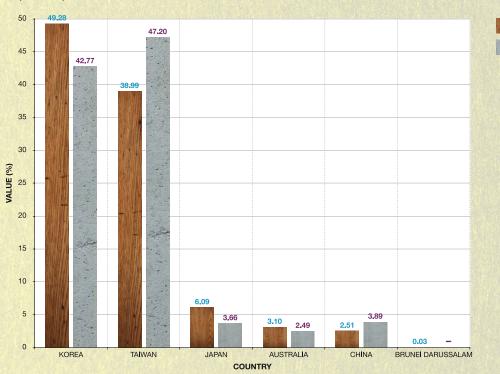
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**TABLE 5** EXPORT OF VENEER BY COUNTRY OF DESTINATIONS

DESTINATIONS	<b>2016</b> ° January - June			Ja	2015 <sup>p</sup> inuary - June	% Change 2016 / 2015		
DESTINATIONS	Volume (M³)	FOB Value (RM'000)	Value %	Volume (M³)	FOB Value (RM'000)	Value %	Volume	Value
TAIWAN	31,002	38,911	38.99	40,665	50,473	47.20	(23.76)	(22.91)
KOREA	30,928	49,180	49.28	30,954	45,740	42.77	(0.08)	7.52
JAPAN	2,713	6,079	6.09	1,928	3,914	3.66	40.74	55.31
CHINA	1,936	2,506	2.51	3,295	4,156	3.89	(41.23)	(39.70)
AUSTRALIA	1,026	3,091	3.10	584	2,660	2.49	75.87	16.20
BRUNEI DARUSSALAM	11	27	0.03	•	-	-	100.00	100.00
TOTAL	67,617	99,794	100	77,425	106,943	100	(12.67)	(6.68)

### **EXPORT VALUE (%) OF VENEER TO MAJOR DESTINATIONS**

(RM'000): 2016/2015



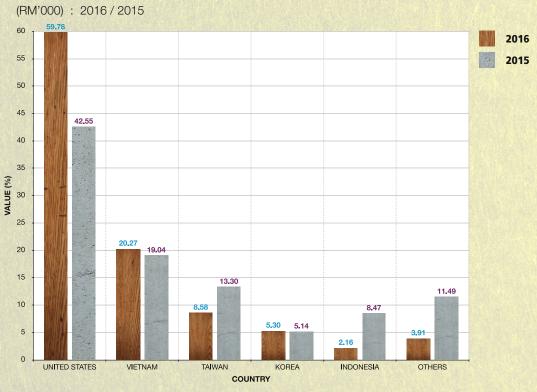
**TABLE 6**EXPORT OF LAMINATED BOARD/FLOORING BY COUNTRY OF DESTINATIONS

DESTINATIONS	Ja	<b>2016</b> <sup>p</sup> January - June			<b>2015</b> <sup>p</sup> anuary - Jun	% Ch 2016	ange / 2015	
DESTINATIONS	Volume (M³)	FOB Value (RM'000)	Value %	Volume (M³)	FOB Value (RM'000)	Value %	Volume	Value
UNITED STATES	2,375	10,708	59.78	1,920	7,186	42.55	23.69	49.01
VIETNAM	1,026	3,630	20.27	980	3,216	19.04	4.76	12.87
TAIWAN	674	1,537	8.58	1,531	2,246	13.30	(55.94)	(31.57)
KOREA	417	950	5.30	392	868	5.14	6.46	9.45
INDONESIA	183	386	2.16	535	1,431	8.47	(65.82)	(73.03)
BRUNEI DARUSSALAM	87	350	1.95	459	1,343	7.95	(81.12)	(73.94)
MIDDLE EAST	45	138	0.77	44	78	0.46	1.27	76.92
JAPAN	39	159	0.89	60	227	1.34	(34.34)	(29.96)
SINGAPORE	20	37	0.21	-	-	-	100.00	100.00
AUSTRALIA	9	16	0.09	-	-	-	100.00	100.00
OTHER*	-	-	-	87	292	1.73	(100.00)	(100.00)
TOTAL	4,877	17,911	100	6,009	16,887	100	(18.83)	6.06

### \*OTHER DESTINATIONS:

- CANADA
- CHINA
- MALDIVES

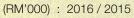
### **EXPORT VALUE OF LAMINATED BOARD / FLOORING TO MAJOR DESTINATIONS**



**TABLE 7**EXPORT OF MOULDING BY COUNTRY OF DESTINATIONS

DESTINATIONS	<b>2016</b> ° January - June			Ja	<b>2015</b> ⁵ anuary - Jun	e	% Ch 2016 /	
DESTINATIONS	Volume (M³)	FOB Value (RM'000)	Value %	Volume (M³)	FOB Value (RM'000)	Value %	Volume	Value
JAPAN	1,610	3,557	69.69	2,035	4,110	35.52	(20.89)	(13.45)
KOREA	306	764	14.97	1,145	2,492	21.54	(73.31)	(69.34)
UNITED STATES	122	159	3.12	213	307	2.65	(42.92)	(48.21)
AUSTRALIA	80	350	6.86	936	4,118	35.59	(91.42)	(91.50)
SINGAPORE	43	77	1.51	50	103	0.89	(14.23)	(25.24)
TAIWAN	22	108	2.12	94	334	2.89	(76.88)	(67.66)
MALDIVES	20	37	0.72	-	-	-	100	100.00
BRUNEI DARUSSALAM	5	23	0.45	3	9	0.08	45.37	155.56
EU	3	29	0.57	11	30	0.26	(69.15)	(3.33)
SEYCHELLES	-	-	-	17	68	0.59	(100.00)	(100.00)
TOTAL	2,210	5,104	100	4,502	11,571	100	(50.93)	(55.89)

### **EXPORT VALUE OF MOULDING TO MAJOR DESTINATIONS**



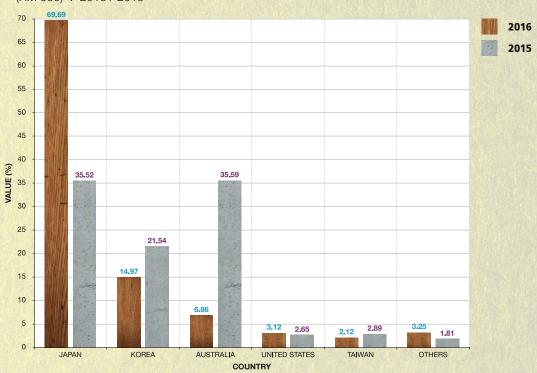
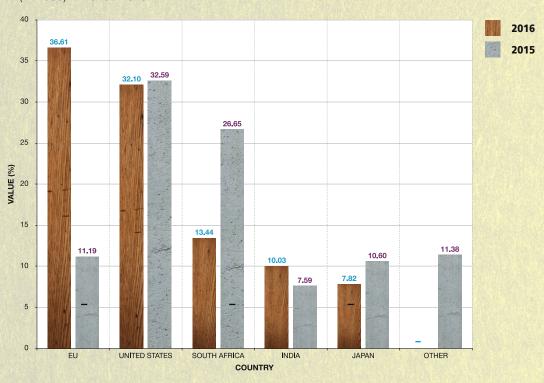


TABLE 8 EXPORT OF DOWEL BY COUNTRY OF DESTINATIONS

DESTINATIONS	<b>2016</b> <sup>p</sup> January - June			Ja	<b>2015</b> <sup>p</sup> anuary - Jun		% Change 2016 / 2015	
DESTINATIONS	Volume (M³)	FOB Value (RM'000)	Value %	Volume (M³)	FOB Value (RM'000)	Value %	Volume	Value
EU	70	365	36.61	30	115	11.19	136.21	217.39
UNITED STATES	65	320	32.10	72	335	32.59	(10.07)	(4.48)
SOUTH AFRICA	46	134	13.44	92	274	26.65	(49.87)	(51.09)
INDIA	18	100	10.03	19	78	7.59	(1.06)	28.21
JAPAN	13	78	7.82	21	109	10.60	(41.13)	(28.44)
AUSTRALIA	-	-	-	45	94	9.14	(100.00)	(100.00)
TAIWAN	-	-	-	16	23	2.24	(100.00)	(100.00)
TOTAL	212	997	100	295	1,028	100	(28.13)	(3.02)

### **EXPORT VALUE OF DOWEL TO MAJOR DESTINATIONS** (RM'000): 2016 / 2015

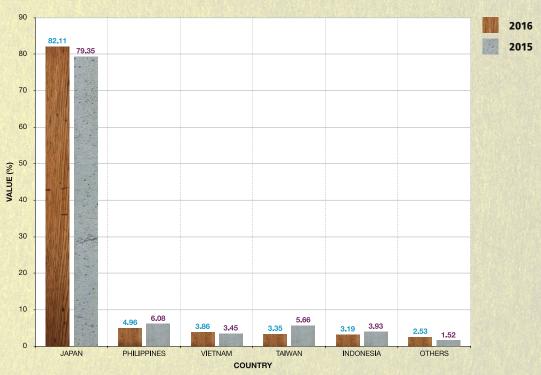


**TABLE 9**EXPORT OF FIBREBOARD BY COUNTRY OF DESTINATIONS

DESTINATIONS	Ja	<b>2016</b> ° January - June			<b>2015</b> <sup>p</sup> anuary - Jun	e	% Ch 2016 /	
DESTINATIONS	Volume (M³)	FOB Value (RM'000)	Value %	Volume (M³)	FOB Value (RM'000)	Value %	Volume	Value
JAPAN	67,622	118,411	82.11	67,540	95,179	79.35	0.12	24.41
PHILIPPINES	5,282	7,148	4.96	5,836	7,296	6.08	(9.49)	(2.03)
VIETNAM	3,005	5,568	3.86	2,520	4,138	3.45	19.24	34.56
INDONESIA	2,968	4,605	3.19	3,222	4,719	3.93	(7.89)	(2.42)
TAIWAN	2,398	4,826	3.35	2,640	6,784	5.66	(9.19)	(28.86)
KOREA	1,301	2,292	1.59	422	338	0.28	208.18	578.11
INDIA	446	242	0.17	-	-	-	100.00	100.00
BRUNEI DARUSSALAM	395	271	0.19	465	480	0.40	(15.13)	(43.54)
EU	230	641	0.44	152	377	0.31	51.63	70.03
CHINA	134	201	0.14	193	378	0.32	(30.87)	(46.83)
THAILAND	-	-	-	188	252	0.21	(100.00)	(100.00)
TOTAL	83,781	144,205	100	83,180	119,941	100	0.72	20.23

### **EXPORT VALUE OF FIBREBOARD TO MAJOR DESTINATIONS**

(RM'000): 2016 / 2015



**TABLE 10** EXPORT OF PARTICLE BOARD BY COUNTRY OF DESTINATIONS

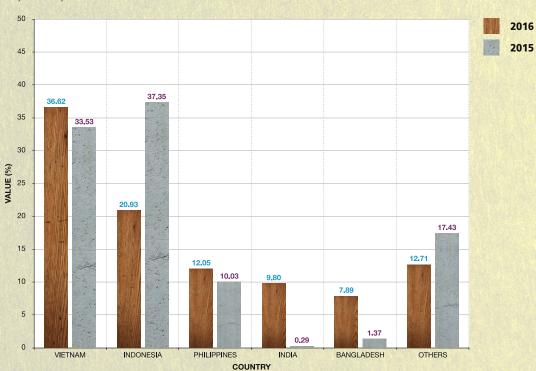
DESTINATIONS	Ja	<b>2016</b> <sup>p</sup> January - June			<b>2015</b> <sup>p</sup> anuary - Jun	% Ch 2016 /		
DESTINATIONS	Volume (M³)	FOB Value (RM'000)	Value %	Volume (M³)	FOB Value (RM'000)	Value %	Volume	Value
VIETNAM	13,246	8,149	36.62	14,548	8,317	33.53	(8.95)	(2.02)
INDONESIA	7,950	4,658	20.93	16,399	9,264	37.35	(51.52)	(49.72)
PHILIPPINES	4,715	2,681	12.05	4,372	2,487	10.03	7.84	7.80
INDIA	4,061	2,182	9.80	131	72	0.29	3006.44	2930.56
BANGLADESH	3,056	1,757	7.89	705	340	1.37	333.78	416.76
KOREA	2,658	1,708	7.67	5,492	3,503	14.12	(51.60)	(51.24)
JAPAN	900	535	2.40	707	384	1.55	27.27	39.32
SRI LANKA	583	325	1.46	-	-	-	100.00	100.00
BRUNEI DARUSSALAM	378	189	0.85	619	317	1.28	(38.91)	(40.38)
CHINA	108	57	0.26	107	73	0.29	0.75	(21.92)
OTHER*	21	14	0.06	64	45	0.18	(66.69)	(68.89)
TOTAL	37,677	22,255	100	43,144	24,802	100	(12.67)	(10.27)

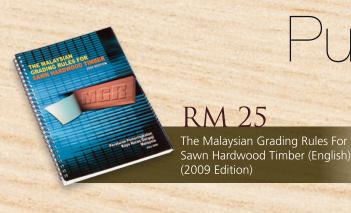
### \*OTHER DESTINATIONS:

- HONG KONG
- NEW ZEALAND
- OMAN

### **EXPORT VALUE OF PARTICLE BOARD TO MAJOR DESTINATIONS**

(RM'000): 2016/2015





RM 25

Commercial Timber

Species Of Sarawak (a set of 3)

### Publication Items

### FOR SALE

### **ORDER FORM**

## e

### **Publications Catalogue:**

The Malaysian Grading Rules For Sawn Hardwood Timber (English)

Commercial Timber Species Of Sarawak (a set of 3) (English)

Sarawak Timber Industry Directory (2015/2016)

Manual Of Sarawak Timber Species

Sarawak Log Grading Rules (English)

Timber Sample Box (English Description)

#### To :

### Sarawak Timber Industry Development Corporation (STIDC)

We wish to purchase the items indicated. Please quote us the total cost inclusive of postage and bank commission. (if any).

Name:

Designation:

Company:

Address:

Country:

E-mail:

Tel:

Fax:

Date:

Signature:

Company's Stamp

### **MODE OF PAYMENT**

Quotation includes airmail postage and bank commission (for overseas payment only)

Payment should be made in the form of Telegraphic Transfer to our Maybank Current Account No. 51111 3408 936

Prices items are exclusive of 6% GST.

\* Fax to: 6082-441169 / 442691 Email: botes@pusaka.gov.my / masuri@pusaka.gov.my





WOOD CARVING is a tradition and living legacy of the people of Sarawak reflecting the diversity of cultural experiences and moods. It is a tradition that has brought to light the resourcefulness and skills of our people since time immemorials. Wood carving depicts a continuous evolution of man and his forest environment, working towards its esteemed goals of harmony and excellence.

The wood carving training programme conducted by STIDC serves to impart and develop carving skills amongst the younger generation to preserve and nurture this priceless cultural heritage.











### PERBADANAN KEMAJUAN PERUSAHAAN KAYU SARAWAK

Sarawak Timber Industry Development Corporation (STIDC)

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E-mail: stidc@pusaka.gov.my

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