

MATERIALS USE TRENDS OF MALAYSIAN FURNITURE EXPORTERS IN KLANG VALLEY

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A Project Report Submitted in Partial Fulfillment of the Requirements for the Degree of Bachelor of Wood Science and Technology in the Faculty of Forestry
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DEDICATION

For my beloved family:
Ong Hui Leong
Teoh Geok Mooi
Also my siblings.

To all my friends,
Interviewvees and residents I had done my interview
Thank you for your encouragements supports
And the sacrifices that you have given,

Last but not least,

I dedicated this dissertation to Prof Dr Jegatheswaran Ratnasingam
Who has encouraged me, helped and give so much support during
Conducting this research and in my study.

Thank you for everything. May God Bless All of us.

ABSTRACT

The objective of this study were to identify the most common materials used and the reasons for the popularity of these commonly used raw materials in Malaysian furniture exports. Secondary data published from Department of Statistic from 2010 – 2017 is collected to fulfil the first objective and questionnaire survey was carried out to gather information from the 25 largest furniture manufacturers and exporters in the Klang Valley. The results indicated over 80% of the furniture products are made from wooden furniture. Cost is the most important reason of the raw material being used followed by availability, profitability, market demand government policy and lastly technology used in processing raw material. The results would be beneficial to supplier of furniture manufacturer as to achieve higher performances in their businesses.

ABSTRAK

Objektif kajian ini adalah untuk mengenal pasti bahan mentah yang paling biasa digunakan dan sebab-sebab bahan mental tersebut digunakan dalam eksport perabot Malaysia. Data sekunder yang diterbitkan oleh Jabatan Statistik Malaysia dari tahun 2010 – 2017 dikumpulkan untuk memenuhi objektif pertama dan kajian kaji selidik telah dijalankan untuk mengumpul maklumat daripada 25 pengeluar and pengeksport perabot terbesar di Lembah Klang. Hasilnya menunjukkan lebih daripada 80% produk perabot dibuat daripada kayu. Kos adalah sebab yang paling penting bagi bahan mentah yang digunakan dalam pembuatan perabot diikuti oleh ketersediaan, keuntungan, permintaan pasaran, dasar kerajaan dan teknologi terkini yang digunakan dalam memproses bahan mentah tersebut. Dapatan kajian ini akan memberi manfaat kepada pembekal pengeluar perabot untuk mencapai prestasi yang lebih tinggi dalam perniagaan mereka.

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and encouragement.

APPROVAL SHEET

I certify that this research project report entitled "Materials use trends of Malaysian Furniture Exporters in Klang Valley" by Ong Sin Lei has been examined and approved as a partial fulfillment of the requirements for the degree of Bachelor of Wood Science and Technology in the Faculty of Forestry, Universiti Putra Malaysia

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CHAPTER 1

INTRODUCTION

1.1 Background

The Malaysian wood products sector is an important socioeconomic sector in the country, generating foreign exchange in excess of RM 22 billion in 2017 and provides employment to 92,000 workers (Ratnasingam & McNulty, 2017). The furniture exports constitute almost 35% of the total exports earning of the wood products sector. Malaysia is now among the 10 largest exporter of furniture in the world (Malaysia Furniture Council, 2015). The Malaysian furniture industry has grown from a small industry to become a major foreign exchange earner in the country and all types of furniture exported to over 144 countries around the world.

Despite numerous economic downturns, Malaysian furniture industry is still supported by a strong global demand with a business-friendly environment, good quality products and a high potential market. According to the statistics from the International Trade and Industry Ministry, furniture exports charted a compound annual growth rate of about 3.5% between 2012 and 2016. Malaysia's furniture exports are expected to grow exceeding RM12 billion by year 2020 (MATRADE, 2017).

Malaysia is blessed with rich natural resources. There are a variety of raw materials such as wood, plastic, metal, rattan, bamboo and other resources consumed by the Malaysian furniture industry (Ratnasingam, 2005).

80% of Malaysia's furniture export were wooden furniture with valued at RM7.60 billion (MATRADE, 2017). The availability of raw materials gives Malaysia an edge in producing wooden furniture that meets international quality standard and requirement in export.

The government hopes to see Malaysian furniture exports improve further following the ban on Rubberwood exports effective on 1st July 2017 (Mah, 2017). Hence, materials use trends is very important to the industry as material used will directly affect in Malaysian Furniture Exports.

1.2 Problem statement

The availability of raw material supply at competitive price, low labour cost and favourable internal price create positive conditions for growth of Malaysian furniture industry. However, the rapid growth of the furniture industry has brought new challenges relating to industry's future competitiveness and sustainability. Even through the Malaysian furniture industry is continuing its accelerated growth, there are several weaknesses that exist.

These problem include although Malaysia offers a variety of raw materials for the furniture industry, wooden furniture remains the predominant production from the industry. The apparent problem for small and medium local manufacturers dealing with a variety of raw materials is the lack of information and knowledge. Therefore, it is important to examine the trends in materials use in the furniture sector and also identify the main problems as to why other materials have not found widespread application in the sector.

Studying and understanding the different materials used in furniture export will help manufacturers and suppliers of materials understand the market requirements better. This research will look into the most common materials used and the reason for its high usage in furniture exports.

1.3 Justification

Since wooden furniture is the most common type in Malaysian furniture export, the material of furniture is worth to be studied. This research mainly focused on the material used in Malaysian furniture export based on different type of materials and the different species of wood. This is very important to the supplier of furniture manufacturer. The study area focused on Klang Valley, which has about 37 exporters of furniture. Studying and understanding the different materials used in furniture export always help supplier to achieve higher performances in their businesses. Therefore, this research will look more into the popularity of these commonly used raw materials in Malaysian furniture exports.

1.4 Objectives

The objective of this study are:

- 1. To identify the most common materials used in Malaysian furniture exports from 2010 2017.
- 2. To determine the reasons for the popularity of these commonly used raw materials in Malaysian furniture exports.

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