

POSTGRADUATE RESEARCH COLLOQUIUM 2022

**'THE IMPORTANT OF LOGISTIC AND
MANAGEMENT'**

**FACULTY OF ENTREPRENEURSHIP
AND
BUSINESS**

26 JULY 2022

VIRTUAL



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THE IMPORTANT OF LOGISTIC
AND MANAGEMENT

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PREFACE

Entrepreneurship, as the mindset and process needed to create and develop economic activity, blending risk taking, creativity, and/or innovation within a new or existing organization, is very depending on the ecosystems to make it flourish in each organization, institutions, nations, and the world. It has been the ventures; yet the change is needed is not just what is thought but how it is taught in the right environment.

The FKP Postgraduate Colloquium 2022 was held in as virtual on 27 August 2022 at Campus Kota, University Malaysia Kelantan. It was a delightful event with 75 participants, consists of students and lecturers, had many fruitful discussions and exchanges that contributed to the success of the colloquium. 23 papers for field of management and logistic have been successfully presented during the colloquium. The main objective of the colloquium is to be a platform for students to present and publish their works as well as to share their research progress with their colleagues and experts.

All in all, the FKP Postgraduate Colloquium 2022 was very successful. The editors would like to express their gratitude to all participants and the committees that have helped in ensuring the smooth sailing of making the colloquium into a reality.

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FKP Postgraduate Research Colloquium 2022,
e-ISBN 978-967-25774-3-0
27 August 2022

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eISBN: 978-967-25774-3-0

Edition : October 2022

Published by:

Faculty Entrepreneurship and Business

University Malaysia Kelantan

Kota Bharu, Kelantan

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Factors Influencing the Performance of Supply Chain Management in Products Subsidies Liquefied Petroleum Gas (LPG)

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ABSTRACT

The majority of businesses today understand how crucial the supply chain is to their operations. Universal access to LPG for household to growth the socio-political and economic development by 2030. Service providers worldwide should try to improve the environment and supply chain system in order to meet these objectives. A comprehensive literature review was pushed forward to examine the LPG industry, supply chain management definition and factors that can influence the performance of supply chain management which eventually could lead harm to the LPG supplier. The literature shows that number of factors influence supply chain management performance such as environmental uncertainty, information technology, supply chain relationships and customer satisfaction. The findings of this research will help businesses discover supply chain strategies to improve performance in the Malaysian LPG cooking gas market. Further research can develop a theoretical framework on how to enhancing supply chain management performance.

Keywords: Supply Chain Management, Performance, LPG, Malaysia.

INTRODUCTION

Liquefied petroleum gas (LPG) has been declared an essential product in Malaysia under Petroleum Development Act 1974 and Control Supply Act 1961. According to The World LPG Association, global LPG industry is highly dependent on cylinders and approximately 2 billion of them in circulation worldwide. Governments around the world have utilised subsidies as one of many policy instruments to create economic, social, and environmental value (Mittal, Argarwal & Selen, 2018) and that they exist in several economic sectors such as agriculture, fisheries, energy and gas. In Malaysia, since 1983, the subsidy has been in existence as a measure to lighten the burden of the rakyat's living expenses. The cylinders, which are used as cooking gas, are available in weights of 10, 12, and 14 kilogrammes, with a national average retail price of RM1.90 per kilogramme (Ministry of Domestic Trade and Consumer Affairs). The difference in prices between subsidised domestic LPG and commercial LPG (sold at market price) encouraged intermediaries to divert subsidised LPG for commercial purposes (Mittal, Muhkerjee & Gelb, 2017). The government is expected to subsidize petroleum products, liquefied petroleum gas (LPG) and cooking oil up to RM8 billion for 2022 to minimize the effect of rising commodity prices on people's standard of living (Maisarah Sheikh Rahim, 2021. Peruntukan subsidi petrol, LPG, minyak masak RM8 bilion tahun ini. Utusan Malaysia, 12 Jun.). Subsidized LPG is packaged in C10, C12 and C14 steel bottles (Jonathan, 2012). This special cylinders is dedicated to subsidized LPG. There are other cylinders in circulation with different