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# The Effect of Export Market Orientation in Small and Medium Food Enterprises (SMFEs) Towards International Performance

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#### **Abstract**

A significant issue for internationalizing SMEs is the improvement of its international performance. To increase performance, several researchers have proposed that businesses must strengthen their export market orientation (EMO); but the way this connection works is quite unexplored. This research examines whether strategic alliances, by which companies' access to information and resources play a mediating role in the EMO and international performance relationship. The population of this study is Malaysian food industry SMEs that are involved in the export activities. The food industry SMEs (i.e. SMFEs) was chosen due to the potential of this industry towards economic growth. A conceptual framework is proposed to identify dimensions of EMO, strategic alliance and international performance. The framework will be used to examine how these variables interact in the context of Malaysia. This is important for both theoretical and practical aspects as its exploration will contribute to a deeper understanding of how SMEs especially in the food industry can improve their international performance strategically and effectively.

**Keywords:** Export Market Orientation, Strategic Alliance, International Performance, SME, Food Industry.

# Introduction

The food industry is one of the vital industries, which contributes towards Malaysia's economic growth. However, there are also challenges for this industry to remain competitive in the market especially when involving international market activities (Malaysia, 2018; Bhuiyan et al., 2017; SME Annual Report, 2018; Zain et al., 2012). The food industry has been dealing with a number of issues, including increased foreign competition, retail chain pressure on price reductions, and an increase in food imports. (Tuzová, Toulová & Kubíčková, 2017). In Malaysia, the import value of processed foods is amounted to RM 20.7 billion in 2017, which can be considered high for a country (Malaysian Investment Development Authority, 2018).

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Most firms cannot prevent from all barriers that may hinder positive international performance of this industry. Yet, firms can seek to minimize the risk and uncertainty of operating abroad by strengthening the internal capabilities of the firms (Paochoo, 2016). To ensure the sustainability and survivability of firms and improvement of performance, internal capabilities are required for it to be achieved (Manimala & Kumar, 2012; Bose, 2016). Additionally, there are numerous discussions in the internationalization literatures that focused on internal capabilities required to develop international performance, which include market orientation (Pascucci, Bartoloni & Gregori, 2016; Shoham, Rose & Kropp, 2005; Acosta, Crespo & Agudo, 2018).

However, the empirical research on the export market orientation and international performance within SMEs is still limited (Olabode, Adeola & Assadinia, 2018) especially in Malaysia (Singh & Mahmood, 2013). This is surprising due to the fact that SMEs' establishments are majority in the country, contributing towards many employment opportunities and GDP to country (SME Annual Report, 2018). Furthermore, Small-and midsized businesses face many barriers that slow them down in international markets. (Paochoo, 2016). While export activities have become one of the vital activities as a key to Malaysia's goal of becoming a high-income country by 2020 (SME Annual Report 2018/17), therefore this research aims to examine the effect of export market orientation on the international performance of SMEs in Malaysia.

Although there was a research that investigated a mutual market orientation and strategic alliances in improving international performance (Nakos, Dimitratos, & Elbanna, 2018), however it is based on organizational culture, which is more focused on the international market orientation (Narver & Slater, 1990). This research aims to investigate export market orientation (Cadogan & Diamantopoulos, 1995) that focuses more on export activities and moderated by domestic strategic alliance as various research have examined international strategic alliance (Brouthers et al., 2015; Nakos et al., 2018). The effect of domestic strategic alliances remains less understood, although strategic alliances are important for the internationalization of the new venture (Iurkov & Benito, 2018; Milanov & Fernhaber, 2014).

Thus, the overall purpose of the paper is to develop a conceptual framework to assist in identifying the effects of export market orientation (EMO) in mediating domestic strategic alliance to the international performance. This paper outlines the literature review of the relationship of EMO, strategic alliance and international performance. Then, a conceptual framework brings together EMO and postulates the moderating role of domestic strategic alliance, respectively.

# **Literature Review**

# **Challenges of Exporting for Malaysian SMEs**

To remain competitive, previous studies have found that internationalization enhances SME competitiveness and prospects for survival. (Bose, 2016; Zhou & Wu, 2014). Moreover, internationalization supported innovative capability (Kalinic & Forza, 2012; Ren, Eisingerich & Tsai, 2015), as well as improved productivity (Coviello, McDougall & Oviatt, 2011; Ren, Eisingerich & Tsai, 2015) of SMEs compared to non-internationalized SMEs. In addition, internationalization, due to diversification advantages, economies of scale and learning advantages, has been a success factor in achieving growth, competitiveness and superior results. (Coviello et al., 2011; Glava et al., 2017).

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It is a tendency for smaller firms to seek growth not only depending on the domestic market, but also to obtain their new customers through international venture efforts, as the local market is insufficient to ensure business growth and sustainability. (Tarun Kanti Bose, 2016). Thus, diving into the international market will be a platform for firms to receive global competition benefits and increase survival prospects resulting in becoming a more reliable player in the domestic market (Bose, 2016; Zhou & Wu, 2014). In addition, internationalization will create more employment activities, improve productivity for the national market, and as a way in accumulating foreign exchanges reserves (Hashim, 2015).

Being a small and open economy, Malaysia remains highly vulnerable to external risks and volatility. Malaysia needs to focus on improving productivity, improving innovation and maximizing export potential to strengthen its economic resilience. (Eleventh Malaysia Plan, 2020). Export is commonly viewed as an important contribution to the nation's economic growth and well-being (Ribau et al., 2017). Malaysia External Trade Development Corporation (MATRADE) has also intended to internationalize "export-ready" concept and practice for the food industry (SME Annual Report, 2018). Thus, for the food industry to maintain their business growth and sustainability, it should involve itself in the international business transaction.

As shown in Table 2 and Figure 2, the Malaysian food industry was facing a decline in its export value for the years 2016 to 2017. Moreover, SME Annual report of 2017/2018 has been surveyed among all registered SMEs to recognize the constraints of SMEs in the export operations. Figure 1 illustrated that 53.3% of SMEs responded that they had inadequate information on the targeted market. A total of 46% SMEs responded that they had inadequate knowledge on competitors; 43.3% of SMEs experiencing higher operating cost, 42.9% faced insufficient knowledge on procedure to export, 40.7% had insufficient knowledge of global demand; 40.4% experienced inadequate sources of financing. Therefore, factors that may contribute to a positive international performance of SMEs for the food industry should be analyzed for the business firms to continue surviving in the scarce market.

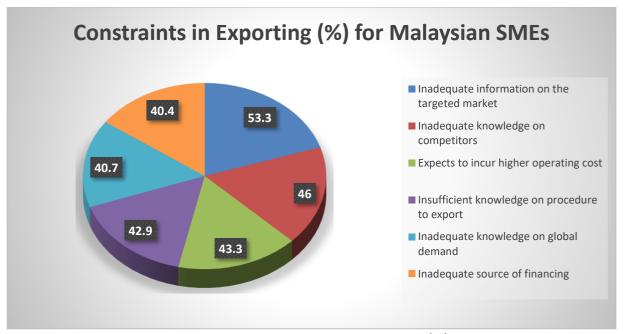


Figure 1: Constraints in SMEs Exporting (%)
Sources: SME Corp. Malaysia Annual Report, 2017/2018)

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# **Export Market Orientation**

Nowadays, a firm must compete with rising competitors in the market especially for SMEs. To make sure that their presence is still relevant in the market, they must strengthen its domestic and international competitive position with successful internationalization that will enlarge the market for its products or services (Zahra, 2005). Hence, the researchers in recent years, attempted to recognize the attributes that permit SMEs to perform better in international market regardless their lack or resources compare to other big companies (Nakos et al., 2018). Past researchers have observed some characteristics that lead to the better performance of a firm and one of them are market orientation.

Market orientation is fundamentally informal organizational mindset that effectively enhancing the firm's business performance and achieve organizational goals (Frösén et al., 2016; Murray et al., 2011; Narver & Slater, 1990; Solano Acosta et al., 2018). It has been recognized as a promising research topic in the export literature (Leonidou, Katsikeas, & Coudounaris, 2010). Accordingly, the export market orientation research streams has received growing attention especially in the late decades (lpek & Tanyeri, 2020). A large number of studies in this regard have been focused on exploring the implications of export market orientation, in which the orientation of export markets has shown a huge impact mainly on the export performance (Cadogan, Kuivalainen & Sundqvist, 2009; Zhang & Zhu, 2016)

Amid empirical evidence that emphasises the value of export market orientation within SMEs, several issues have not yet been properly researched. This is particularly true in developing countries like Malaysia. More work must be done to understand the considerable potential for small and medium-sized enterprise to flourish further, particularly in the international market. On this basis, present study has examined the export market orientation to link this gap.

# **Strategic Alliance**

Preceding research has proven that the internationalization of small and medium enterprises (SMEs) poses many challenges and suffers from resources shortages in the aspects of financial, technical and managerial, when an attempt is made to expand into the foreign market (J. W. Lu & Beamish, 2001). Therefore, the formation of alliance is vital because it might generate better performance with the information and skills provided from firms involved in these alliances' portfolios (Nakos et al., 2018; Veilleux, S., Haskell, N., 2012). In a year, the number of firms that are engaged in strategic alliance is increasing at an average rate of 25% (Parise & Casher, 2003) and based on its significance, comprehensive understandings of strategic alliances is essential and managers should consider to adopt and implement this strategy for better international performance.

Malaysian government creates the public-private sector partnership programmes for SMEs to be competitive in global market and promote international exports (SME Annual Report, 2018) in addition to facilitating collaborations between small and medium-sized businesses to enter into new products and export markets (Malaysia, 2015; Yee Whah Chin & Ee Shiang Lim, 2018). Nakos et al. (2018) has studied the moderating role of strategic alliance on the relationship between the international market orientation (IMO) and international performance among companies in the United Arab Emirates. It was found that alliances have mediated the IMO-performance relationship.

While plentiful has been discovered on the function of strategic alliance in SMEs internationalization, the existing literature are mostly focused on the international strategic

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alliance (Brouthers, Nakos & Dimitratos, 2015;Leiblein & Reuer, 2004; Nakos et al., 2018). Surprisingly, even an earlier internationalization research has proposed that domestic markets play a main role for firm's success in penetrating into the international market (Johanson & Mattson, 1988). Nevertheless, this study focuses on the domestic strategic alliance. It has been acknowledged that strategic alliance for SMEs is one of the important elements to engage in the internationalization (Nakos et al., 2018; Franco & Haase, 2016). However the importance of domestic strategic alliance remain less understood (Milanov & Fernhaber, 2014). According to previous findings, it can be assumed that the domestic strategic alliance can serve as a moderator of the relationship between international performance and export market orientation. As mention by Nakos et al. (2018), future researchers must evaluate the international profitability of SMEs in different kinds of alliances.

## **International Performance**

Internationalization performance is a multidimensional construct (Y. Lu, Zhou, Bruton, & Li, 2010) that captures the performance of international activities of companies. International performance, generally known as the objective/subjective or financial/non-financial performance measure. However, because most of firms' managers are reluctant to publish confidential company information to outsiders, collecting objective data is very difficult (Gregory & Richard, 1984). Furthermore, using objective measurement may lead to biased evaluation, since managers are not at ease to provide this confidential information to outsiders (Sapienza, Smith, & Gannon, 1988a).

In Malaysia, some of the previous scholars have focused more on subjective performance of the SMEs ( Singh & Mahmood, 2013; Ismail & Kuivalainen, 2015; Ismail, Mohamed & Uli, 2013) due to easy information gathering rather than objective performance since some companies are not comfortable to disclose important information, which can be use in research (Arunee Tanvisuth, 2007). It is confirmed in the previous literature that management's assessment of performance appears to be more based on their subjective observations than on objectives measurement (Blesa & Ripollés, 2008; Madsen, 1989) According to the previous studies, subjective perceptions are closely correlated with the objective findings (L. E. Brouthers, Nakos, Hadjimarcou, & Brouthers, 2009), thus subjective measurement is suffice to evaluate the international performance. Moreover, it was argued that subjective performance measures are usually more practical when evaluating the SMEs, partly because small firms may refuse to provide unbiased, accurate performance measures (Sapienza, Smith, & Gannon, 1988b). Table 1 shows the summary of the measurement of internationalization performance.

Table 1
The summary of the measurement of internationalization performance

Author	Respondent	Type of Measurement	Type of Scale
Brouthers et al. (2015)	162 SMEs in US and UK	Subjective	7-point Likert  1=Much lower  7= Much higher
Cavusgil & Zou (1994)	202 export ventures  Manufacturing	Objective & Subjective	10-Point Likert Scale 1= Unsuccessful 10= Successful
Jantunen, Puumalainen, Saarenketo, Kyläheiko & Kalevi (2005)	217 manufacturing and service organizations.	Objective Subjective	10-point Likert Scale 1= very unsatisfied 10= very satisfied
Byoungho & Hyeon Jeong (2018)	470 Korean SMEs	Subjective	7- Likert scale 1= Strongly Disagree 7= Strongly Agree
Kayabasi & Mtetwa (2016)	443 export companies operating in the Aegean region of Turkey.		7- Likert scale 1= very poor 7= exceptional
Nakos et al. (2018)	94 companies based in the United Arab Emirates.	Subjective	7- Likert scale 1 – much inferior to 7 – much superior
Pascucci, Bartoloni, Gregori&Luca (2016)	300 Italian small and medium-sized coffee roasting firms	Objective	-

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(2020)

Huoy

(2018)

Solano Acosta et al (2018)	161 Mexican SMEs	Subjective	7- Likert scale  1 = complete disagreement with the presented statement,
			7 = complete agreement
Vătămănescu, Alexandru, Mitan & Dabija (2020)	112 European industrial small and medium-sized enterprises	Subjective	5- Likert scale  1= Strongly  Disagree  5= Strongly Agree
Malaysia Chelliah,	77 SMEs in the	Objectives	
Mohamed &			
Yusliza (2010)	manufacturing sector	Objectives	-
Yusliza (2010)	sector		- 5- Likert scale
Yusliza	_	Subjective & Objective	5- Likert scale
Yusliza (2010) Mohammad, Knight, & Ilan	sector  196 SMEs companies that active in export		5- Likert scale 5- Likert scale

Subjective

5- Likert scale

121 Malaysian food

processing SMEs

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Noor Azlin & Kuivalainen (2015)	174 SMEs in the halal food manufacturing sector	Subjective	5- Likert scale
Singh & Rosli (2013)	201 exporting manufacturing SMEs.	Subjective	7- Likert scale

# **The Proposed Conceptual Framework**

The conceptual framework is developed to identify the dimensions that are related to the export market orientation (EMO), strategic alliance and international performance. This research proposed that EMO moderated by strategic alliance might be able to help the SMEs to succeed in international performance. However, there have been some researchers that questioned the values and universal benefits of MO whether this approaches truly benefited the firms or just simply cost of competing( Frösén et al., 2016; Kumar, Jones, Venkatesan, & Leone, 2011). This is another question that would have to be answered and hence, warrant further investigation. It has been found that the ability to perform well in foreign markets is correlated with market orientation in the literature. (Boso, Cadogan, & Story, 2013), while empirical evidence in the SME sector remains limited (Torres-Ortega, Rialp-Criado, & Rialp-Criado, 2015) including for the effect of market orientation on the firm's export performance (Singh & Mahmood, 2013), especially on the specific industry (Tuzová et al., 2017).

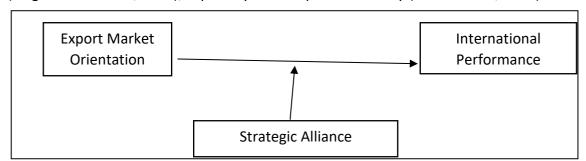


Figure 2: Proposed conceptual framework- dimensions of export market orientation (EMO), strategic alliance and international performance

## Conclusion

This conceptual paper focuses on the dimensions of export market orientation on the international performance. In addition, the conceptual framework focuses on the moderating role of strategic alliance. Based on the literature, EMO might have a positive relationship towards international performance. This suggests that EMO might be suitable for the success of Malaysian food industry in international performance. SMEs that improve their practices by using EMO might further excel in their international performances.

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