EFFICIENCY PERFORMANCE OF MALAYSIAN LISTED GOVERNMENT LINKED COMPANIES (GLCs): A STOCHASTIC FRONTIER ANALYSIS



INSTITUT PENGURUSAN PENYELIDIKAN UNIVERSITI TEKNOLOGI MARA 40450 SHAH ALAM, SELANGOR MALAYSIA

BY:

NORHANA SALAMUDIN ROSITA SUHAIMI JENNIFER TUNGA JANANG

DISEMBER 2011

AKNOWLEDGEMENT

The successful completion of this research would not be made possible without the support and assistance from many individuals and organizations both directly and indirectly. We take this opportunity to thank all especially the following:

Prof. Dr Noormala Dato' Amir Ishak (Dean, Faculty of Business Management)

Dato' Prof. Dr Jamil Hj Hamali

(Rector, UiTM Sarawak)

Prof. Madya Dr Abdol Samad Nawi

(Deputy Dean for Resources & Students, Faculty of Business Managment)

Prof. Madya Dr Zuriah Abdul Rahman

(Coordinator, Post Graduate Studies, Faculty of Business Management)

and

all GLCs and selected foreign owned firms for their assistance in providing the necessary data to make this survey successful.

TABLE OF CONTENT

NO	CONTENT	PAGE
1.0	INTRODUCTION	1
	1.0.1 Background of Study	1
	1.0.2 Problem Statement	5
	1.0.3 Research Objectives	11
	1.0.4 Scope of Study	12
	1.0.5 Limitation of Study	15
	1.0.6 Significance of Study	16
2.0	REVIEW OF THE LITERATURE	17
	2.0.1 Performance of Privatised Firms	17
	2.0.2 Methods to Measure Firm's Performance	19
	2.0.3 Measuring Efficiency	20
	2.0.4 The Stochastic Frontier Model	23
	2.0.5 Conclusion	28
3.0	RESEARCH METHODOLOGY	30
	3.0.1 Research Framework	30
	3.0.2 Sampling and Period Understudy	34
	3.0.3 Data Collection	35
4.0	FINDINGS AND ANALYSIS	37
	4.0.1 Introduction	37
	4.0.2 Technical Efficiency Estimates for GLCs and FFs.4.0.3 Technical Efficiency Estimates by Top GLCs and	37
	other GLCs.	42
5.0	CONCLUSION AND RECOMMENDATION	43
	5.0.1 Conclusion	44
	5.0.2 Recommendations	45

When launched the Government Linked Companies government Transformation (GLCT) Programme in May 2004, the main thrust, amongst others, was to improve the firms' operational performance. Since these government-controlled firms are the frontrunners in their respective industries, their performance should gradually converge with the international standard. This preliminary study on GLCs performance attempts to gauge the technical efficiency of GLCs and benchmarks the result with top foreign owned firms listed in Bursa Malaysia. The study uses an unbalanced panel dataset of 31 existing GLCs over a period of 9 years (2000-2008) using the stochastic frontier model. The findings show mean technical efficiency of GLCs is gradually moving towards the frontier but it still relatively low compared to the benchmarked firms that represent international standard. The trend even declined drastically at the later period showing a wider gap against the international benchmark, hence, questioning its sustainability in the wake of global trade competitiveness and economic challenges. The PCG monitored GLCs do not show significant variation from the other GLCs and this should spark further study as to why transformation has not much improved the performance of these firms. The findings hope to contribute to the growing literature on firms' efficiency focusing on privatized firms in developing countries.

1.0 INTRODUCTION

1.0.1 Background of Study

The creation of government linked companies (GLCs) started when the Malaysian government implemented its privatization programme in the 1980s. The privatization policy includes many privatization techniques, amongst them, is the transfer of former state owned enterprises (SOEs) to private ownership and to participate in profit oriented business concern. As private transfers are minimal and equity ownership is still largely in the hand of the state, these privatized firms are often known as government linked companies.

At the federal government level, the creation of GLCs was made via the Ministry of Finance (MOF) Inc. MOF invested heavily through its Government-Linked Investment Companies (GLICs), namely Khazanah Nasional Bhd (Khazanah), Kumpulan Wang Amanah Pencen (KWAP), Employees Provident Fund (KWSP), Lembaga Tabung Angkatan Tentera (LTAT), Permodalan Nasional Bhd (PNB), and Lembaga Tabung Haji (LTH) which directly holds ownership to the GLCs (Putrajaya Committee on GLC High Performance Report, 2006).