# A Case Study on the Impact of the Credit Guarantee Scheme on Small and Medium-sized Enterprises in Penang and Kedah

A thesis submitted to the Graduate School in partial fulfillment of the requirements for the Master of Science Degree in Management

BY

Mohd Khairuddin Hashim

Universiti Utara Malaysia

June 1995

(c) Mohd Khairuddin Hashim, 1995. All Rights Reserved

In submitting this thesis to the Graduate School in partial fulfillment of the requirements for the Master of Science Degree in Management from Universiti Utara Malaysia (UUM), I permit the UUM library to make it available for viewing. Further, I allow the reproduction, copy or transmission of this thesis for academic purposes only through written permission of the Supervisor or Dean of the Graduate School. No part of this unpublished thesis may be reproduced, copied or transmitted for publication without prior written permission from me.

Address ail correspondence to:

The Dean Graduate School Universiti Utara Malaysia 06010 Sintok Kedah Darul Aman.

### ABSTRAK

Program-program jaminan kredit yang diperkenalkan oleh kerajaan Malaysia adalah bertujuan untuk membantu sektor perniagaan kecil dan sederhana yang berkurangan sumber kewangan. Skim Jaminan Utama (S JU) yang diperkenalkan oleh Syarikat Jaminan Kredit pada 3 April 1989 adalah untuk membantu sektor perniagaan kecil dan sederhana (PKS) untuk mendapatkan bantuan kewangan luar yang tidak dapat diperolehi jika tiadanya SJU ini.

Kajian kes ini melihat kesan SJU keatas sektor PKS di Pulau Pinang dan Kedah. Dalam menentukan keberkesanan SJU, kajian ini memberi tumpuan kepada perkara-perkara beri kut:

- a. sambutan kepada SJU sejak ianya ditubuhkan;
- b. taraf penyertaan bank-bank dalam menyalurkan bantuan kewangan tersebut; dan
- c. prestasi peniaga-peniaga kecil dan sederhana selepas menerima bantuan dari SJU.

Tambahan pula, penemuan kajian ini menunjukkan yang keberkesanan SJU dalam membantu sektor PKS tidaklah bagitu memuaskan. Akhir sekali, kajian ini telah mengesyorkan lapan cadangan yang boleh meningkatkan kesan SJU serta bantuan-bantuan lain yang boleh membaiki kedudukkan sektor perniagaan kecil dan sederhana.

ii

The credit guarantee programs initiated by the Malaysian Government are directed toward assisting small and medium-sized enterprises (SMEs) which lack internal financing. The Credit Guarantee Corporation's Principal Guarantee Scheme (PGS) was introduced on April 3, 1989 to enable SMEs to obtain external financing which would not have been available without the PGS.

This case study examined the impact of the PGS on SMEs in Penang and Kedah. In determining the effectiveness of the PGS, the study focused on the following:

- a. response to the PGS since its inception;
- b. extent of participation by the banks in channelling the funds; and
- c. performance of SMEs after receiving the PGS facilities;

Further, the findings indicated that the impact of the PGS was not entirely favourable on SMEs; that is, the objectives were not met. Finally, this study suggests eight recommendations which will strengthen the position of the PGS, as well as, increase the efforts and support for the SME sector.

### ACKNOWLEDGEMENT

This study would be incomplete without acknowledging the people who have assisted me directly and indirectly.

First, utmost gratitude is expressed to my supervisor, Professor Dr. Tasso Christie, who patiently contributed his time, ideas and words of encouragement during the preparation of this study. My special thanks to Mr. Grahame Boocock, University of Lougborough, United Kingdom, for his careful review of the chapters as a banker and finance specialist and his helpful comments and suggestions.

I am also grateful to the respondents, both small business owners and their bankers who spared their valuable time to participate in this study.

Last, but not least, my family who provided the support and encouragement that allowed me to complete this task. I am indebted to you all.

### Table of Contents

i
ii
iv
V
vii

### Chapter I

1.0	Introduction	1
1.1	Historical Background of SMEs	2
1.2	Agencies Supporting SMEs	8
1.3	Background of the Credit Guarantee Corporation	11
1.4	Direction of Lending by CGC	19
1.5	Statement of the Problem	21
1.6	Significance of the Study	25
1.7	The Scope of the Study	25
	Limitation of the Study	26

### Chapter II

2.0	Literature Review	
2.1	Loan Guarantee Scheme In United Kingdom	29
2.2	The Small Business Administration"s Scheme in United States	34
2.3	The Scheme in Germany	36
2.4	The "Article 8" Scheme in France	36
2.5	The Scheme under the Small Business Loans Act in Canada	37
2.6	The Credit Guarantee Associations in Japan	38
2.7	The Korean Credit Guarantee Fund	39
2.8	The Scheme under the Indonesian Credit Insurance Limited	39
2.9	The Schemes in the Philippines	41
2.10	The Small Industry Credit Fund of Thailand	42
2.11	The Credit Guarantee Corporation of Malaysia	43
2.12	Summary	44

### Chapter III

45
46
47
48
55
56

# Page

# Chapter IV

4.0	Data Analysis	
4.1	Part I (Primary Data)	58
4.2	Relationship between the borrowers and bankers	71
4.3	Part II (Secondary Data)	79

# Chapter V

5.0	Discussion and Conclusions	88
5.1	Section I. The Response of the PGS Financing	90
5.2	Section II. The Participating Banks	95
5.3	Section III. The Performance of the Borrowers	100
5.4	Section IV. The Financial Constraint Faced by SMEs	102
5.5	Section V. The Principal Guarantee Scheme (PGS) and	
	the Guarantee Schemes in Other Countries	103

# Chapter VI

6.0	Recommendations		
6.1	Overview		109
6.2	Recommendation	Ι	110
6.2	Recommendation	П	112
6.3	Recommendation	III	115
6.4	Recommendation	IV	117
6.5	Recommendation	V	120
6.6	Recommendation	VI	122
6.7	Recommendation	VII	126
6.8	Recommendation	VIII	129

133

# Bibliography

# Appendices:

Appendix A	Ministries and Agencies Involved in SMEs Development	138
Appendix B	Questionnaire for Bank Officials	141
Appendix C	Questionnaire for Borrowers	147
Appendix D	Sample Letter Requesting Permission from Borrowers	153
Appendix E	Sample Letter Requesting Permission from Bank Officials	154

Tables of Illustrations

1.3	Regional Distribution of loans from 1983 to 1993	13
1.3.1	Commercial Bank Loans for SMEs, All Borrowers and CGC Loans (1984-93)	14
1.4.1	The Number and Value of Approved Loans by Sectors (1993)	19
1.4.2	The Number and Value of Approved Loans from 1980 to 1993	21
2.0	The Effect of Additional Financing from LGS on Sales and Profit	32
3.1	Range of Loan Size for Penang and Kedah as of April 5, 1994 (Population)	49
3.2	Range of Loan Size for Penang and Kedah as at April 5, 1994 (Sample)	50
3.3	Regional Distribution of Sample Companies in Penang	51
3.4	Regional Distribution of Sample Companies in Kedah	51
3.5	Type of Business (Population and Sample)	52
3.6	Age of Sample Companies in Penang and Kedah	53
3.7	Distribution of Companies by Legal Status	53
3.8	Distribution of Companies by Race	54
3.9	Distribution of PGS loans by Banks	55
4.1	Sources of Approach for Financing	60
4.2	Uses of PGS Financing	61
4.3	Advice Requested	61
4.4	Sources of Advice	61
4.5	Type and Value of Assets and the Amount of Guaranteed Loans	63
4.6	Finance Additionality by Borrowers and Amount	65
4.7	Alternative Sources of Financing	66
4.8	Sales Turnover	68
4.9	Employment	69

4.10	Profitability	70
4.11	Application Procedures	72
4.12	Processing Time	7 2
4.13	Information Required	73
4.14	Advantages of the PGS	74
4.15	Disadvantages of the PGS	7 5
4.16	Banking Lending Policies Regarding the PGS	76
4.17	Suggestions by Borrowers	78
4.18	Suggestions by Banks	78
4.19	The Total Number and Amount of PCS Loans Since 1989	80
4.20	Loan Size and Number	81
4.21	Loan Size and Value	8 2
4.22	Distribution of PGS Loans by Jurisdiction	83
4.23	Ranking of PGS Loans by Accumulated Value from 1989 to 1993	84
4.24	PGS Loans by the Type of Business	85
4.25	PGS Loans by Race	8 6
4.26	Ranking of PGS Loans by Race	8 6
4.27	Percent Change in PCS Loans for Penang	8 7
4.28	Percent Change in PGS Loans for Kedah	8 7
5.1	Comparison of Credit Guarantee Schemes in Other Countries	107
Char	ts	
5.2	The Value of PGS Loans for All Regions	91
5.3	The Number of PGS Loans for All Regions	91
5.4	The Value of PCS Loans in Penang	92
5.5	The Value of PCS Loans in Kedah	92

### CHAF'TER 1

### 1.0 Introduction

The interest of the Government of Malaysia in developing and expanding the growth of small and medium-sized enterprises (SMEs) has been flourishing for many years. Various ministries and agencies have continuously attempted to identify and seek sources to assist SMEs to ensure their successful operation.

The importance of small and medium-sized enterprises (SMEs) in the Malaysian economy has become significant as demonstrated by the output from SMEs, worth RM4.3 billion or 20 percent of the nation's Gross Domestic Product (GDP) in 1990 (Star, June 29, 1994). The output is projected to be worth RM120 billion or 50 percent of the GDP by the year 2020 (New Straits Times, June 8, 1994). Furthermore, the government is expecting SMEs to take an active part in the domestic investment of RM80 billion under the <u>Sixth Malavsian</u> <u>Plan</u> (1991 to 1995) (New Straits Times, September 13, 1993).

Recognizing SMEs as the greatest potential source of domestic investment, the government plans to continue to pursue aggressively programs of assisting SMEs through more than 30 of its agencies (Chee, 1989). At the same time, more assistance from the private sector is also expected in the development of SMEs, as shown by the increase in the number of new loan schemes introduced by commercial banks under the financial packages available to SMEs (New Straits Times, June 2, 1994).

1

# The contents of the thesis is for internal user only

### **BIBLIOGRAPHY**

- Akrasanee, N. "Small and Medium Scale Industries in Thailand." World Development. Vol. 40, No. 41. 1990.
- 2. Asian Development Bank. "The Role of Small and Medium Scale Manufacturing Industries In Industrial Development." 1990.
- 3. Auken, Howard E. Van and Richard B. Carter. "Acquisition of Capital by Small Business.' Journal of Small Business Management. April 1989.
- 4. Blaney, Robert G. and Maria Otero. "Small and Micro Enterprises: Contributions to Development and Future Direction for AID Support." Washington: U.S. Agency for International Development. 1985.
- Bushhell, Joanne. "The LGS a panacea?" Financial Focus. Issue 8. 1993.
- 6. Butchelor, Charles. "Revamp for Loan Guarantee Scheme." Financial Times. March 23, 1993.
- 7. Chee, Peng Lim. Small Industry in Malaysia. Kuala Lumpur: Berita Publishing, 1986.
- 8. Chee, Peng Lim. "Potential and Problems of SMI." Cooperation in Small and Medium-sized Industries in Malaysia, 1989.
- Chrisman, James J., Frank Hoy and Richard B. Robinson Jr. "New Venture Development: The Costs and Benefits of Public Sector Assistance." Journal of Business Ventures. Fall 1987.

- 10. Credit Guarantee Corporation, Annual Reports, 1981-1993.
- 11. Department of Trade and Industry. Loan Guarantee Scheme. London. 1993.
- 12. Drucker, Peter F. "Helping Small Businesses Cope." The Changing World of the Executive. London: Heinemann. 1982.
- 13. Dunwoody Robson McGledy and Pullen. "A Study of Businesses Financed Under the Small Business Loan Guarantee Scheme." London. Department of Trade and Industry, 1984.
- 14. Employment Gazzette. "Guarantee Loans Don't Guarantee Success-But They Certainly Help." August 1989.
- LaFalce, John J. "Small Business and the Clinton Agenda." National Public Accountant. Vol. 38, Iss. 8. November 1993.
- 16. Grizell, S. "Promoting Small-Scale Manufacturing in Indonesia-What Works?" DSP Research. No. 17. March 1988.
- Hassan, Hashim. "The Competitiveness of Malaysia's Small Business." Public Enterprise. Vol. 12, Nos. 1-2, pp. 49-62. 1992.
- 18. Levitsky, Jacob. "Credit Guarantee Funds and Mutual Guarantee Systems." Small Enterprise Development. Vol.4, No.2. June 1993.
- Loan Guarantee Scheme. London. Department of Trade and Industry. 1984.

- 20. Loan Guarantee Scheme. London. Employment Department. March 3, 1989.
- 21. Martin, Rodney W. "SBA: Linking banks and economic development." Texas Banking. Vol.82, Iss.12. December 1993.
- 22. McMullan, W. Ed and Wayne A. Long. Developing New Ventures. Orlando: Harcourt Brace Jovanovich, 1990.
- 23. Nash, Tom. "Another funding fiasco?" Director. Vol.47, Iss 2. September 1993.
- 24. NERA: National Economic Research Associates. "An Evaluation of the Loan Guarantee Scheme." **Research Paper** No. 74. London, Department of Employment. 1990.
- 25. Netherlands Economic Institute. KIK/KMKP Credit and the Development of Small-Scale Enterprises in Indonesia. Rotterdam. 1986.
- 26. The New Straits Times. May 28, 1993.
- 27. The New Straits Times. June 11, 1994.
- 28. The New Straits Times. June 12, 1994.
- 29. The New Straits Times. June 20, 1994.
- 30. The New Straits Times. August 24, 1994.
- 31. The New Sraits Times. September 13, 1993.

- 32. The New Straits Times. October 2, 1994.
- 33. The New Straits Times. November 20,1994.
- 34. The New Straits Times. December 12, 1994.
- 35. The New Straits Times. February 25, 1995.
- 36. Oates, David . "Eggars Opera." Director Vol. 43, Issue 11, May 1990.
- 37. Oehring, E. "FUNDES-an attempt to establish loan guarantee schemes in private foundation in Latin America." Small Enterprise Development. Vol. 1, No.2. 1990.
- **38.** Pieda plc. "Evaluation of the Loan Guarantee Scheme." London. Department of Employment. 1992.
- 39. Rhyne, Elizabeth Homes. "An Evaluation of the Small Business Administration's Business Loan Guarantee Program." Published Ph.D Dissertation. Harvard University, Massachusetts, 1985.
- 40. Saiki, Patricia. "The Advantages of Making Loans with the SBA." Journal of Commercial Lending. Vol. 75, Iss.3. November 1992.
- 41. Sassone, Peter G. and William A. Schaffer. Cost-Benefit Analysis: A Handbook. New York: Academic Press, 1978.
- 42. The Star. June 29, 1994.
- 43. The Star. August 6, 1994.

- 44. The Star. November 28, 1994.
- 45. The Star. December 14, 1994.
- 46. Suhartono, R.B. "Small and Medium-Scale Industries in Indonesia." Asian Development Review. Vol. 6, No.2. 1988.
- 47. Suzuki, Masabumi. "Outline of Japan's Policies for Small/Medium Enterprises." Conference Paper presented at Langkawi Island, Malaysia. 1990.
- 48. Thomas, Dwight R. "Public Sector to Small Business Canada." Public Enterprises. Vol.12, Nos.1-2. 1992.
- Weinstein, Art, A.F Nicholls and Bruce Seaton. "An Evaluation of SBI Marketing Consulting: The Entrepreneur's Perspective." Journal of Small Business Management. October 30, 1992.
- Wood, William L. "Primary Benefits, Secondary Benefits, and the Evaluation of Small Business Assistance Programs." Journal of Small Business Management. Vol.32, No.3. July 1994.
- 51. World Bank. Wodd Development Report. 1987.