

Strategic Role of Strategic Management Accounting Towards Enhancing SMEs Performance in Iraq

By

AZIZ MOHAMMED AZIZ

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ABSTRACT

The concept of strategic management accounting is related to the provisions and use of accounting information by people in the organization such as the management and the managers, for the purpose of making business decisions that would allow them to have competitive advantage and able to effectively control the firm's activity. The major purpose of this study is to investigate strategic role of strategic management accounting towards enhancing SMEs' performance in Iraq. The study generated data from 101 SMEs in Iraq through a cross-sectional questionnaire survey approach using drop and pick means of data distribution. The findings from the hypotheses tested show that factors such as: information, people and government policy are key factors impacting SMEs' performance. This further suggests that these factors are crucial in enhancing SMEs performance. However, the findings also show that technology does not affect the SMEs' performance. The same finding occurred on the relationship between strategic management accounting and SMEs performance. However, these results should be interpreted with caution bearing in mind the environment upon which this study was conducted. This study would be of benefit to both researchers and SMEs owners as it would provide a guideline upon which decisions regarding SMEs performance are to be made while also acting as springboard for future research. Based on the findings obtained in this study, the study concludes that information, people and government policy are significant factors required to enhance SMEs' performance.

Keywords: Strategic management accounting, SMEs performance, government policy, people

ABSTRAK

Konsep perakaunan pengurusan strategik yang berkaitan dengan peruntukan-peruntukan dan penggunaan maklumat perakaunan oleh orang-orang di dalam organisasi seperti pengurusan dan pengurus, bagi maksud membuat keputusan perniagaan yang akan membolehkan mereka mempunyai kelebihan daya saing dan berupaya untuk mengawal firma aktiviti. Tujuan utama kajian ini adalah untuk menyiasat peranan perakaunan pengurusan strategik ke arah meningkatkan prestasi PKS di Iraq. Data kajian ini yang dihasilkan daripada 101 PKS di Iraq melalui pendekatan keratan rentas tinjauan soal selidik yang menggunakan drop dan memilih cara pengagihan data. Penemuan daripada hipotesis diuji menunjukkan bahawa faktor-faktor seperti: maklumat, sumber manusia dan dasar kerajaan adalah faktor utama yang memberi kesan kepada prestasi PKS. Ini seterusnya menunjukkan bahawa faktor-faktor ini adalah penting dalam PKS meningkatkan prestasi. Namun, penemuan ini juga menunjukkan bahawa faktor teknologi tidak menyumbang kepada prestasi PKS. Dapatan yang serupa di dapah dalaw hubungan diantara pengurusan perakaunan strategik dan prestasi PKS. Walau bagaimanapun, keputusan ini harus ditafsirkan dengan berhati-hati dengan mengambil kira persekitaran di mana kajian ini dijalankan. Kajian ini akan memberi manfaat kepada penyelidik-penyelidik dan pemilik PKS kerana ia akan menyediakan satu garis panduan apabila keputusan mengenai prestasi PKS dibuat pada masa yang sama juga bertindak sebagai batu loncatan untuk masa depan yang research. Based pada penemuan yang diperolehi dalam kajian ini, kajian ini menyimpulkan bahawa maklumat, rakyat dan dasar kerajaan adalah faktor penting yang diperlukan untuk meningkatkan prestasi PKS .

Keywords: Pengurusan perakaunan strategik, prestasi PKS, dasar kerajaan, orang-orang

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Graduate School of Business
Universti Utara Malaysia
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CHAPTER 1

INTRODUCTION

1.0 Introduction

The concept of strategic management accounting is related to the provisions and use of accounting information by people in the organization such as the management and the managers, for the purpose of making business decisions that would allow them to have competitive advantage and able to effectively control the firm's activities (Uyar, 2010; France, 2006). Strategic management accounting in particular is more popular among large firms. However, lately the popularity has been extended to SMEs. In other words, the role of strategic management accounting cannot be underestimated (Uyar, 2010). It stands as a foundation for making business decisions that would improve or positively affect the performance of firms. It helps firms to have better competitive advantage over competitors.

However, one major issue confronting SMEs across the globe is the inappropriate financial management resulting from the lack of strategic management accounting practices (Shehab, 2008). Okpara et al. (2007) pointed out that the lack of financial management has contributed to SMEs failures. The case of SMEs in Iraq is no different as many of them are lacking proper financial planning and decision-making (Shehab, 2008). No doubt, a good financial planning and decision making is indispensable for the SMEs performance particularly in these present days where competition seems to be very high among the SMEs firms (Shehab, 2008). To address this problem requires firms to practise strategic management accounting system as suggested by Shehab (2008). This present study therefore investigates the role of strategic management accounting on SMEs performance in Iraq.

References

- Armstrong, M. (1994). *Armstrong's Handbook of Performance Management* (4th ed.).
- Al-Turki, U., & Duffuaa, S. (2003). Performance measurement for academic departments. *The International Journal of education management*, 17(7), 330-338.
- Almoawi, A.R. (2010). E-commerce adoption among small and medium enterprises in Saudi Arabia. Phd thesis, Universiti Utara Malaysia.
- Arowomole, K.A. (2000). *Modern business management (Theory and Practice)*. 1st Edition. Sango-Ota, Ogun State: Ade-Oluyinka Commercial Press.
- Anthony, A.A., Robert, S.K., Ella, M.M., & Mark, S.Y. (2007). *Management Accounting* (5th ed.). Pearson International Edition. Upper Saddle River, New Jersey, U.S.A.
- American Accounting Association (1971). Report of the Committee on Foundations of Accounting Measurements. *Accounting Review*, XVI, 1-48.
- Bhimani, A., & Keshtvarz, M.A. (1999). British Management Accountants: Strategically Oriented, *Journal of Cost Management*, Spring, 25–31.
- Bolton Committee (1971). *Report of the Committee of Enquiry on Small Firms*, Cmnd 4811, HMSO, London.
- Bromwich, M. (1988). Managerial Accounting Definition and Scope from a Managerial View, *Management Accounting (UK)*, 66(8), 26–27.
- Bromwich, M. (1990). The case for strategic management accounting: The role of accounting information for strategy in competitive markets, *Accounting, Organizations and Society*, 15(1), 27–46.
- Bromwich, M. (1991). Accounting for strategic excellence. Working Paper, Department of Accounting and Finance, London School of Economics and Political Science.

- Bromwich, M (1992) Strategic management Accounting. In C. Drury Edited, *Management Accounting Handbook*, London: CIMA Publications.
- Bromwich, M. (1996) Strategic management accounting. In C. Drury Edited, *Management Accounting Handbook*, Oxford: Butterworth-Heinemann.
- Bromwich, M., & Bhimani (1994). *Management Accounting: Pathway to Progress*, London: CIMA.
- Bryman, A., & Bell, E. (2007). *Business research methods* (2nd ed.). New York: Oxford University Press.
- Chaffee, E. (1985). Three models of strategy, *Academy of Management Review*, 10(1), 89-98.
- Cooper, R. (1996). Costing techniques to support corporate strategy: Evidence from Japan, *Management Accounting Research*, 7, 219-246.
- Cravens, K.S., & Guilding, C. (2001). An empirical study of the application of Strategic Management Accounting Techniques, *Advances in Management Accounting, Volume 10*, 95-124.
- Cravens, K.S., & Guilding, C. (2000). An empirical study of the application of strategic management accounting techniques. Mimeo: Griffiths University.
- Dababneh, R., & Tukan/AL Jidara, F. (2007). Booklet of Standardized Small and Medium Enterprises Definition, Amman: USAID.
- Dent, J.F. (1990). Strategy, organization and control: Some possibilities for accounting research. *Accounting, Organizations and Society*, 15(1-2), 3-25.
- Dimitratos, P., Lioukas, S., & Carter, S. (2004). The relationship between entrepreneurship and international performance: the importance of domestic environment. *International Business Review*, 13, 19–41.

- Downs, S. (1998). Technological change and education and training. *Education and Training Journal*, 40(1), 18–19.
- Economic Commission for Africa, ECA (2001). Enhancing the Competitiveness of Small and Medium Enterprises in Africa: A Strategic Framework for Institutional Support, Addis Ababa: Economic Commission for Africa Publication.
- European Union Commission (2003). Commission recommendation of 6 may 2003 concerning the definition of micro, small and medium-sized enterprises (notified under document number C (2003), Official Journal of the European Union (2003/361/EC).
- Foster, G., & Gupta, M. (1994). Marketing, cost management and management accounting. *Journal of Management Accounting Research*, 6, 43–77.
- France, A. (2006). An alternative approach to surveying management accounting practices. Waikato Institute of Technology (Wintec), New Zealand, 1-20.
- Gore, C., Murray, K., & Richardson, B. (1992). *Strategic decision making*, London: Cassell.
- Hartman, S. (1993) Strategic accounting or accounting strategy? An empirical investigation of the relationship between strategic management and management accounting. Paper presented at EAA Doctoral Colloquium in Accounting, Turku, April 25-27, 1993.
- Henk, J.T.B. (2008). Management accounting change and new public management in local government: A reassessment of ambitions and results – an institutionalist approach to accounting change in the dutch public sector. *Financial Accountability & Management*, 24(3), 0267-4424.
- Hill, J. (2001). A multidimensional study of the key determinants of effective SME marketing activity: Part I, *International Journal of Entrepreneurial Behaviour and Research*, 7(5), 171-204.
- Hui, C.B., & Idris, K. (2009). Absorptive capacity, organisational culture and innovation at Msc companies in Malaysia. *Malaysian Management Review*, 44(1), 1-21.

- Innes, J. (1998). Strategic management accounting. In J. Innes Edited, Handbook of Management Accounting, London: Gee Publisher.
- Institute of Management Accountants (formerly National Association of Accountants), Statement on Objectives of Management Accounting. New York, 1981.
- Iraq's SMEs struggle for government funding. Retrieved from on 31 March, 2001 <http://english.alroya.com/content/iraqs-smes-struggle-government-funding>
- Johnson, G. (1987). *Strategic change and the management process*. Oxford: Blackwell Publishers.
- Julie, P. (2007). *SPSS Survival manual: A step-by step guide to data analysis using SPSS for Windows(version 15)*. (3rd ed.). Australia: Allan & Unwin.
- Lindblom, C. (1959). The science of "muddling through". *Public Administration Review*, 19, 79-88.
- Lockett, J. (1992), *Effective performance mnaagement: A strategic guide to getting the best from people*. Kogan Page, London.
- Lord, B.R. (1996). Strategic management accounting: The emperor's new clothes? *Management Accounting Research*, 7(3), 347–366.
- Lucky, E.O.I., & Minai, M.S. (2011b). The moderating effect of location on small firm performance. *International Journal of Business and Managment*, 1(9), 219-227.
- Malhotra, M., Chen, Y., Criscuolo, A., Fan, Q., Hamel, I.I., & Savchenko, Y. (2006). Expanding access to finance: Good practices and policies for micro, small and medium enterprises, Washington. DC: The World Bank Institute.
- Miles, R.E., & Snow, C.C. (1978). Organizational strategy, structure and process. New York: McGraw-Hill.
- Minztberg, H., Raisinghani, O., & Theoret, A. (1976). The structure of unstructured decision process. *Administrative Science Quarterly*, 21, 246-275.

- Mohammed, A.A. (2009). The combine effect of market orientation and owner/manager's innovation and business performance of small and medium sized manufacturing firms in pakistan". Sintok, Kedah, Malaysia: PhD Thesis, UUM.
- Murphy, G.B., Trailer, J.W., & Hill, R.C. (1996). Measuring research performance in entrepreneurship. *Journal of Business Research* , 36, 15-23.
- National SME Development Council, Malaysia (2005). Definitions for small and medium enterprises in Malaysia, Kuala Lumpur: Bank Negara Malaysia for the National SME Development Council.
- Neale, G.O'C. (2008). The performance consequences of the "fit" between management accounting and control systems and environmental uncertainty. The University of Hong Kong, Hong Kong.
- Neely, A.M., & Gregory, K. Platts. (1995). Performance measurement system design: A literature review and research agenda. *International Journal of Operations & Production Management*, 15(4) 80-116.
- Neely, A., Adams, C., & Kennerley, M. (2002). The performance prism: The scorecard for measuring and managing business success. Financial Times Prentice Hall, London.
- Neil, J. (2009). *Exploring research*. 7th edition. New Jersey: Pearson Education International, Inc.
- Norman, B.M., & Paolo, Q. (2010). Management accounting and control system: An organstional and sociological approach.
- OECD (2004). SME statistics: Towards a more systematic statistical measurement of sme behavior. Background report for the 2nd OECD Conference of Ministers responsible for Small and Medium Enterprises.
- OECD (2004b) Effective policies for small business: A guide for the policy review process and strategic plans for micro, small and medium enterprise development. Paris: Publication of the Organization for Economic Cooperation and Development.
- Okpara, J.O., & Wynn, P. (2007). Determinants of small business growth constraints in a sub-saharan african economy. *SAM Advanced Management Journal*, 72(2), 24-35.
- Othman, R. (2005). A comprehensive analysis of electronic government blueprint for implementation towards the actual e- government implementation. Msc (IT) thesis, Universiti Utara Malaysia.

- Otley, D. (2001). Extending the boundaries of management accounting research: Developing systems for performance management, *British Accounting Review*, 33, 243-261.
- Papulová, Z., & Mokroš, M. (2007). Importance of managerial skills and knowledge in management for small. *Comenius Unniversity*. 1-28.
- Pettigrew, A. (1985). *The awakening giant: Continuity and change in ici*. Oxford: Basil Blackwell.
- Portal Komuniti KTAK. (2006). Keusahawanan: PUNB perkenal skim usahawan pemborong. [Online] Available at: <http://www.idesa.net.my/modules/news/article.php>? (24 February, 2011).
- Porter, M.E. (1985). *Competitive Advantages*. The Free Press. New York.
- Pfeffer, J. (2007). Human resources from an organizational behaviour perspective: Some paradoxes explained. *Journal of economic perspeticive*, 21, 115-134.
- Quinn, J. (1980). *Strategies for change: "Logical Incrementalism"*. Homewood Ill: Richard Irwin.
- Quinn, J., Mintzberg, H., & James, R. (1988). *The strategy process: Concepts, contexts, and cases*. Englewood Cliffs: Prentice Hall.
- Reiss, F. (2006). [Online] Available at: http://www.publishinggame.com/art_whysmallbusinessesfail.htm. (24 February, 2011)
- Roslender, R., & Hart, S.J., (2002). Integrating management accounting and marketing in the pursuit of competitive advantage: The case for SMA. *Critical Perspectives on Accounting*, 13, 255-277.
- Ruth, J-PS. (2000). So far small Biz is only dabbling in E-Commerce, *Buisness News*, 13(23), New Jersey.
- Salkind, N.J. (2009). *Measurement, reliability and validity*. Pearson Prentice Hall.
- Santala, R. (1996). Post-acquisition integration of strategic management in an MNC. Publications of the Turku School of Economics and Business Administration, Series A-2:1996.
- Scott, R.W. (1998). *Organisations: Rational, natural, and open systems* (4th ed.). Michigan: Prentice Hall

- Sekaran, U., Robert, Y.C., & Brain, L.D. (2001). *Applied business research* (1st ed.). Australia: John Wiley & Sons Australian Ltd.
- Simmonds, K. (1982). Strategic management accounting for pricing: A case example. *Accounting and Business Research*, 42, 206–214.
- Simmonds, K. (1983). Strategic management accounting. In F. Wing Edited, *Handbook of Management Accounting*, Aldershot: Gower Publishing Company Limited.
- Simmonds, K. (1986). The accounting assessment of competitive position. *European Journal of Marketing*, 20(1), 16–31.
- Simmonds, K. (1981). Strategic management accounting. *Management Accounting*, 59(4), 26–29.
- Simons, R. (1991). Strategic orientation and top management attention to control systems. *Strategic Management Journal*, 12, 49-62.
- Simons, R. (2000). *Performance measurement and control systems for implementing strategy, text and cases*. Prentice Hall, Upper Saddle River, NJ.
- Shank, J.K., & Govindarajan, V. (1989). *Strategic cost analysis*, Homewood, Ill: Richard D. Irwin Publsiher.
- Shank, J.K., & Govindarajan, V. (1993). *Strategic cost management*, New York: Free Press.
- Shehab, M.A. (2008). Factors influencing accounting information system performance among small and medium enterprises (SMEs) in Tripoli. MSc Theses, Universiti Utara Malaysia.
- SMEs Struggle in Iraq: Retrieved on Thursday, 31 October, 2011 from <http://www.internationalbusinessreview.net/SouthAsiaTheMiddleEast/NewsInBrief/tabid/290/vw/1/ItemID/1277/Default.aspx>.
- Smith, M. (1997). *Strategic Management Accounting Issues and Cases* (2nd ed.). London: Butterworths.
- Soleman, A.M. (2008). Factors influencing the adoption of web- based information system: A case study at Lada in Langkawi, Kedah. Msc thesis, Universiti Utara Malaysia.
- Spath, B. (1992). Managing growth: Perspectives on achieving small enterprise growth in Tanzaniaia, Uganda and Zimbabwe, ILO discussion paper, Geneva

- Stajkovic, A.D. & Luthans, F. (2003). Behavioural management and task performance in organizations: Conceptual background, meta-analysis, and test of alternative models. *Personnel psychology*, 56, 155-194.
- Storey, D.J. (1994). *Understanding the Small Business Sector*. London: Routledge.
- Tangen, S. (2005), ‘Improving the performance of a performance measure’, *Measuring Business Excellence*, Vol. 9 No. 2, pp. 4-11.
- Trkman, P. (2009). The critical success factors of business process management. *International Journal of Information Management*, xxx, xxx–xxx.
- UNDP, Malaysia (2007). *Malaysia: Small and medium enterprises building an enabling environment*, Kuala Lumpur: United Nations Development Programme.
- Uyar, A. (2010). Cost and management accounting practices: A survey of manufacturing companies. *Eurasian Journal of Business and Economics*, 3(6), 113-125.
- UTS Employee survey <http://net.educause.edu/ir/library/pdf/SER08045B.pdf>.
- Watson, J. (2003). Failure rates for female-controlled businesses: Are they any different? *Journal of Small Business Management*, 41(3), 262-277.
- Wilson, R.M.S. (1995). Strategic Management Accounting. In D.Ashton,
- Hopper T. & Scapens (eds): *Issues in management accounting* (2nd ed.). London: Prentice-Hall
- Wynarczyk, P., Watson, R., Storey, D.J., Short, H., & Keasey, K. (1993). *The managerial Labour market in small and medium-sized enterprises*, London: Routledge.
- Zikmund, W.G. (2003). *Business research methods* (7th ed.). South-Western.