

INFLUENCE OF ENTREPRENEURIAL NETWORKING ON SMALL ENTERPRISE SUCCESS: A SERVICE INDUSTRY PERSPECTIVE

Emma Serem

Department of entrepreneurship studies, School of Human Resource Development, Moi University, Eldoret, Kenya.

ABSTRACT: *The increasing use of networks for Small and Micro Enterprise has been reported as a factor of influents in development process of entrepreneurial activity. In Kenya Small and Micro enterprises account for over 70% of the enterprises. They are a source of livelihood of low income earners and also a major source of innovation in creating new products technologies and services. Entrepreneurial networking includes the linkages and connectivity through which entrepreneurs obtain information resources, knowledge and social support about market opportunities. While network relationships have been recognized as indispensable for SMEs to the achievement of growth, a particular focus on entrepreneurial networks in the service industry has been limited. The main objective of the study was to examine the influence of firm's entrepreneurial networking and its influence on the success of Small and Micro enterprises in Eldoret Town in Uasin Gishu County. The study utilized exploratory survey design. Specific objectives were: to examine the relationship between entrepreneurial networks and enterprise success, and to determine the relationship between entrepreneurial ties and enterprise success. Small and Micro business owners in the service industry were divided into a sample and a simple random technique was employed whereas sample of 240 SMEs in the service was drawn from a target population of 600 registered SMEs in the service sector, Eldoret Town, Uasin Gishu County. The study was guided by Relational Theory of Social Networks. Data was sorted coded and analyzed using inferential statistics as: Pearson's product moment correlation, Chi-Square methods and Analysis of variance (ANOVA) and multiple regressions. The study found out that, there was a strong positive relationship between networking [$r=.683$] and ties [$r=.559$] on entrepreneurial success. This indicated that an increase in networks and ties will lead to greater entrepreneurial success. It is hoped that the results of this study will assist to sharpen entrepreneurs' skills and policy formulation and development of entrepreneurial networking.*

Keywords: Entrepreneur, Networking, Entrepreneurial Networks, Micro- Business, Service Industry, Small Business, Social Capital and Resources.

INTRODUCTION

While network relationships have long been recognized to be indispensable for SME's to achieve growth a particular focus on social networks has been limited to date (Ellis *et al*, 2001). Scholars have recently emphasized that informal social networks or networks of social relationships serve as the initial basis from which formal networks of business linkages are developed in new territories (Chen, 2003), and through which exporting relationships are formed (Ellis *et al*, 2001). Past research (Losccoco *et al*, 1993) indicated that small business is the engine of economic growth in developed and developing countries economies. Small business have contributed to ecomic growth and job creation and this is beleived to be related to growth in total earnings.

there is still an urgent need for academic research to systematically investigate the influence of networks on firm success(Gulati *et al.*, 2000).therefore the objectives of this study is twofold: in achieving it success:

- i. To examine the influence of entrepreneurial networks on enterprise success.
- ii. To determine the influence of ties on enterprise success.

LITERATURE REVIEW

Concept of Entrepreneurial Success

The dependent variable of this study is entrepreneurial success as measured in terms of growth in the sales turn over, profits, firm reputation number of employees and volume in sales indicated by level of earnings the business unit gets annually. Success is defined as the having different forms, survival, profit and return in investment, number of employees, happiness and reputation (Foley & Green, 1989). In the past two decades the rate of growth of networks across all sectors has been dramatic (Doyle, 2000). The benefits of networking are manifold and have been summarized by O'Doherty (1998) as follows:-

Material benefits: Firms can increase sales and lower production costs by working together.

Psychological benefits: As firms eliminate their isolation they learn that their problems are shared by others;

Developmental benefits: By promoting interaction with other firms, networking increases learning and the ability to adapt to the changing economic environment. Networks presents SMEs with a number of options to overcome a range of increasing disadvantages they are experiencing in trying to compete in the ever –increasing globalization marketplace (Doyle, 2000).

Entrepreneurial Networking and entrepreneurial success

The concept of network includes four key components: actors, links, flows and mechanisms (Conway *et al* 2001). The actors are the individuals that make up the network and are usually represented graphically as the nodes of a web. Individuals cannot be separated from the cultural context in which they were born which is believed to be true with Chinese cultures where harmony in social relationships is encouraged (Hanna *et al*, 2010).

Entrepreneurial ties and entrepreneurial success

Strong ties in the business world do help entrepreneurs in achieving success in their businesses. A study of McClelland *et al.*, (2005) showed that the entrepreneurs in Canada, Singapore and Ireland utilized networking as a means of business development of which it contributed to their success in business. Other studies suggest that family links provide support to entrepreneurs.

METHODOLOGY

The study was carried out in North Rift Region, Uasin-Gishu County, Eldoret town. exploratory research design was used and which leads the researcher to gaining great depth of understanding into how entrepreneurs through exploitation of networking (Entrepreneurial network and entrepreneurial ties) influence the success of small and micro businesses in Eldoret town. Simple random sampling technique was utilized to constitute a sample size of 240 using Yamane (1967) formulae where 1200 registered SMEs business owners of small and micro enterprises in Eldoret Town of which 600 were used as a target population structured and unstructured questionnaires and interview schedules was used in the study and Cronbachs Alpha Coefficient for success of SMEs reported scale reliability of Networking 0.683 and Ties 0.559 respectively showing reliability of the research instrument. The study used inferential statistics such as multiple regression and analysis of Variance (ANOVA) to establish the relationship between business owners' network resource use in relation to the enterprise success.

RESULTS

Demographic Information

From the study majority 56.2% (n=109) of the respondents were male, while 43.8% (n=85) were female which shows that male business owners were more than their female, age of the respondents shows that 35.6% (n=69) of the respondents aged between 26-35 years, 25.3% (49) were in the age bracket of 36-40 years, with 24.2% (47) were over the age of 40 years and 13.9% (27) aged between 21 and 25 years . Showed that small and micro enterprises were dominated by business owners (75.8%; n=147) who were in their active working age of below 40 years. From the study, the majority 65.5% (127) of the respondents worked for more than 9 hours in a week in their business firm, with 21.1% working for between 5 and 9 hours a week, while 9.8% of them worked for between 3 and 5 hours and the least 3.6% worked for less than three hours in a week. Showed that most 86.6 (168) of the respondents worked for more than 5 hours in a week in the business firm. The number of hours committed to business owner was important because the study indicated that entrepreneurs were tied to other economic activities and family chores. From the study, 11.9% of the respondents had between 10 and 15 years' experience and 2.6% had above 15 years of working experience. showed that small enterprises 97.5% (189) was dominated by business owners who had below 15 years of working experience compared to those above 15 years of experience. it is therefore that clear that the business owners who have been in business for more than 15 years, participated in networking and linked their ties much more than those active in business for less than 15 years.

Relationship between Entrepreneurial Networks and Entrepreneurial Success

From the study there was no relationship between engagement in entrepreneurial networks and profits to sales ratio, sales revenues, firm's reputation, employee and expenses, $p > .05$], indicating that a change in any of the variables will lead to no change in any of the indicators of entrepreneurial success. There was a strong negative relationship between the engagement in entrepreneurial networks and sales growth indicator [$r = -.151$, $n = 174$, $p < .05$], (Table 4.7), indicating a negative correlation between engagement in entrepreneurial networks and sales

growth. The lesser the engagement in entrepreneurial networks the lower the sales growth attained.

Table 4.1: Entrepreneurial Networks

Entrepreneurial networks	Disagree		Neutral		Agree		Mean	Std. Dev.
	Freq	%	Freq	%	Freq	%		
I have positive relationship with my competitors.	48	24.7	31	16.0	115	59.3	4.72	1.80
I have an opportunity to interact with my stake holders.	16	8.2	27	13.9	151	77.8	5.38	1.29
I use various networks to reach my customers	21	10.8	10	5.2	163	84.0	5.38	1.31
I get ideas from networking with friends.	22	11.3	30	15.5	142	73.2	5.23	1.31
I interact with the proprietors frequently.	48	24.7	21	10.8	125	64.4	4.79	1.54
I am able to interact with my family members freely.	37	19.1	25	12.9	132	68.0	5.13	1.59
My enterprise encourages innovation through networking among the “chamas” groups.	29	14.9	17	8.8	148	76.3	5.25	1.47
My institution adopts participatory networks in its operations	30	15.5	24	12.4	140	72.2	5.08	1.43
There are other factors which contribute to my business	12	6.2	21	10.8	161	83.0	5.53	1.21

Table 4.2: Entrepreneurial Networks and Entrepreneurial Success

Spearman's rho		Profits to sales ratio	Sales revenues	Sales growth	Firms reputation	Employee Expenses	Networking
Profits to sales ratio	Correlation Coefficient	1.000					
	Sig. (2-tailed)	.					
Sales revenues	Correlation Coefficient	.668**	1.000				
	Sig. (2-tailed)	.000	.				
Sales growth	Correlation Coefficient	.613**	.720**	1.000			

Firms reputation	Sig. (2-tailed)	.000	.000	.				
	Correlation Coefficient	.570**	.631**	.655**	1.000			
Employee	Sig. (2-tailed)	.000	.000	.000	.			
	Correlation Coefficient	.299**	.321**	.404**	.544**	1.000		
Expenses	Sig. (2-tailed)	.000	.000	.000	.000	.		
	Correlation Coefficient	.214**	.328**	.296**	.340**	.448**	1.000	
Networking	Sig. (2-tailed)	.003	.000	.000	.000	.000	.	
	Correlation Coefficient	.014	-.067	-.151*	.016	-.005	-.075	1.000
	Sig. (2-tailed)	.843	.350	.036	.826	.946	.297	.

** . Correlation is significant at the 0.01 level (2-tailed).

* . Correlation is significant at the 0.05 level (2-tailed).

The Spearman rank-correlation was used to establish the Relationship between t in entrepreneurial networks and Entrepreneurial Success. There was a positive relationship between the engagement in entrepreneurial networks and enterprise success [r= .853, n=174, p<.05], (Table 4.3), indicating a positive correlation between engagement in entrepreneurial networks and Entrepreneurial Success. The more the entrepreneurial networking the higher enterprise success.

Table 4.3: Overall Relationship between Entrepreneurial Networks and Entrepreneurial Success

	Spearman's rho	Success	Network
Success	Correlation Coefficient	1.000	
	Sig. (2-tailed)	.	
Network	Correlation Coefficient	.853**	1.000
	Sig. (2-tailed)	.000	.

** . Correlation is significant at the 0.01 level (2-tailed).

b. List wise N = 194

Influence of Social Ties and Entrepreneurial Success

Table 4.4 Entrepreneurial Ties

Entrepreneurial Ties	Disagree		Neutral		Agree		Mean	Std. Dev.
	Freq	%	Freq	%	Freq	%		
Entrepreneurial ties have contributed to the business success	30	15.5	18	9.3	146	75.3	5.30	1.57
Customers and friends have contributed to social ties	17	8.8	12	6.2	165	85.1	5.54	1.21

Entrepreneurial ties encourages us to be in business	23	11.9	28	14.4	143	73.7	5.28	1.38
Social Family ties links us to the business world	44	22.7	21	10.8	129	66.5	4.91	1.66
Customers are like our friends	9	4.6	9	4.6	176	90.7	5.96	1.11
Entrepreneurial ties enhances business effectiveness	7	3.6	18	9.3	169	87.1	5.75	1.08

Source: Researcher's Survey Data 2014

Table 4.5: Influence of Social Ties on Indicators of Entrepreneurial Success

	Spearman's rho	Profits to sales ratio	Sales revenues	Sales growth	Firms reputation	Employee Expenses	Ties
Profits to sales ratio	Correlation Coefficient Sig. (2-tailed)	1.000
Sales revenues	Correlation Coefficient Sig. (2-tailed)	.668**	1.000
Sales growth	Correlation Coefficient Sig. (2-tailed)	.613**	.720**	1.000	.	.	.
Firms reputation	Correlation Coefficient Sig. (2-tailed)	.570**	.631**	.655**	1.000	.	.
Employee Expenses	Correlation Coefficient Sig. (2-tailed)	.299**	.321**	.404**	.544**	1.000	.
Ties	Correlation Coefficient Sig. (2-tailed)	.214**	.328**	.296**	.340**	.448**	1.000
	Correlation Coefficient Sig. (2-tailed)	.003	.000	.000	.000	.000	.
	Correlation Coefficient Sig. (2-tailed)	.082	.062	-.063	.024	.001	-.151*
	Correlation Coefficient Sig. (2-tailed)	.257	.390	.380	.741	.990	.035

** . Correlation is significant at the 0.01 level (2-tailed).

* . Correlation is significant at the 0.05 level (2-tailed).

c. List wise N = 194

Source: Researcher's Survey Data, 2014

From the study majority of the respondents 85.1% (165) agreed that customers and friends had contributed to social ties, with 8.8% disagreeing and 6.2% undecided that customers and friends had contributed to social ties. Most of the respondents 75.3% (146) agreed that

entrepreneurial ties have contributed to the business success, with 9.3% undecided and 15.5% disagree that entrepreneurial ties have contributed to the business success. From the study majority of the respondents 73.7% (143) agreed that entrepreneurial ties encouraged them to do business, with 11.9% disagreeing and 14.4% undecided that entrepreneurial ties encouraged them to do business. Most of the respondents 66.5% (129) agreed that social family ties linked the business world, with 10.8% undecided and 22.7% disagree that social family ties linked the business world. Overall, from the study the findings showed that the mean of the statements were all above 4.9, with the respondents rating customers as their friends had a mean of 5.96. This showed that the entrepreneurial ties among the business firms were good.

Table 4.6:

Variable	Spearman's rho	Success	Network
Success	Correlation Coefficient Sig. (2-tailed)	1.000	
Ties	Correlation Coefficient Sig. (2-tailed)	.559** .000	1.000 .

** . Correlation is significant at the 0.01 level (2-tailed).

b. List wise N = 194

Source: Researchers Survey Data, 2014

Table 4.7: Model Summary on Entrepreneurial Success Indicators

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
					R Square Change	F Change	df1	df2	Sig. F Change
1	.984 ^a	.969	.968	.13661	.969	1467.14	4	189	.000

a. Predictors: (Constant), Ties, Networking

b. Dependent: Enterprise success

ANOVA on Enterprise Success

Model		Sum of Squares	Df	Mean Square	F	Sig.
1	Regression	109.513	4	27.378	1467.141	.000 ^b
	Residual	3.527	189	.019		
	Total	113.040	193			

a. Dependent Variable: Success

b. Predictors: (Constant), Ties and Networking

Source: Researcher's Survey Data, 2014

Table 4.8 Coefficients of Enterprise Success

Model		Un standardized Coefficients		Standardized Coefficients	T	Sig.	Co linearity Statistics	
		B	Std. Error	Beta (β)			Tolerance	VIF
1	(Constant)	.200	.096		2.091	.038		
	Networking	.201	.020	.200	10.193	.000	.427	2.340
	Ties	-.026	.022	-.021	-1.162	.247	.499	2.006

a. Dependent Variable: Success

Source: Researcher's Survey Data, 2014

To test whether there was no linearity; tests were carried out using tolerance and Variance Inflation Factor (VIF) statistics Table 4.23. For this model, VIF values are all below 10 and tolerance statistics are all well above 0.2. The findings showed that networking had a positive relationship with enterprise success.

Conclusions of the Study

In conclusion, the research objectives were to determine the influence of Networking in Small and Micro enterprises in the service industry on enterprise success. Reflecting on the first objective of the study the findings of the study showed that, Networking had a significant influence on enterprise success (Table 4.4). On the second objective of the study; it was found that there was influence of Ties on enterprise success (Table 4.5). The higher the linkage of Ties the greater the enterprise success.

Recommendations of the Study

The recommendations drawn from the study based on the conclusions for the effective firm networks is as follows:

The entrepreneurs SMEs should be encouraged to use of entrepreneurial networks to gather noble business information. Business Ties are equally recommended to SMEs.

The Kenya government should regulate the channels of communication so as to enable business owners to share business information more often.

Implication of the Research

The study presents major implications resulting from these findings. Firstly, in terms of Networking, it could be argued that networks play a very important role in enterprise success; therefore business owners should be recommended to utilize such in order to sharpen their skills. Secondly, the results may help guide policy makers.

Recommendation for Extension of Theory

The researcher in business field should expand on this study in research work so as to contribute to academic field in relation to the social theories and networking theories and management of business.

Practical Contribution

In terms of practical contribution the findings of this study can be used as a guideline by Small and Micro business owners on the utilization of network information for the improvement and the success of Small and Micro enterprises. The study findings shall help the business owners in improving their business skills in order to achieve the desired success. The findings shall also help the communication institutions in the provision of the appropriate channels of communications for all Small and Micro enterprises.

Recommendations for Further Research

Researchers should investigate the awareness of the network's contribution to the Small and Micro enterprises and entrepreneurs in general. Future research should investigate whether awareness of network contribution leads to the success of enterprise.

REFERENCES

- Chen, T. J. (2003) 'Network resources for internationalization: the case of Taiwan's electronics firms', *Journal of Management Studies* 40(5): 1107–1130.
- Conway, S (2001). *Informal networks of relationships in successful small firm Innovation*. PhD Thesis, Aston Business School.
- Doyle, G.M. (2000) *Making Networks Work: A Review of Networks in Ireland and Abroad with Particular Reference to Training and Human Resource Development*, Dublin: Skillnets Ltd.
- Ellis, P.D. & A. Pecotich (2001), "Macro-marketing and Globalization: A View of the Issues," in Don R. Rahtz and Pierre McDonagh, (eds.).
- Foley, P, & Green, H. (1989). *Small Business Success*. London, England: Paul Chapman Publishing.
- Gulati, R., Nohria, N. and Zaheer, A. (2000) 'Strategic networks,' *Strategic Management Journal*, 21, 201 – 215
- Hanna, N. K. (2010). *Enabling enterprise transformation. Business and grassroots innovation for the knowledge economy*. New York: Springer.
- Losccoco, A., Kary, A. & Leicht, T. (1993). Gender, Work –Family Linkages, and Economics Success among Small Business Owners (Vol.55,pp.875-887).
- McClelland, E., Swail, J., Bell, J., and Ibbotson, P. (2005). Following the Pathway of Female Entrepreneurs: A six-country investigation. *International Journal of Entrepreneurial Behavior and Research*, 11: 84-107
- O Doherty, D. (1998). 'Networking in Ireland – policy response, in sustaining competitive advantage' Proceedings from the NESC Seminar, Research Series, NESC, Dublin.