

Model Establishment of Value and Culture Society towards Bangka Creative Entrepreneur Community through Entrepreneurial Management in the Era of Post Tin Mine

Reniasi, S. E., M. Si Erwin, S. E., M. M., and Fitri Ramadhani Harahap Sip

Abstract—Bangka Belitung tin has an abundance of natural resources, but is starting to hum "Era Post-Tin". This is due to the negative impact of mining tin that influence the environmental damage both on land and at sea. On the other hand the existing human resources is still not able to create opportunities for potential business, it is presumably because the values and culture of the people who have not been able to encourage the formation of a creative entrepreneur community.

The purpose of this research is to build a model of Values and Culture Society Bangka in shaping the entrepreneurial Through Creativity Entrepreneur Management in the Era of Post Tin Mine. This study was designed by using descriptive nature and verification. The sample size is the minimum that should be taken in this study were as many as 179 units of SMEs which are divided into 5 (five) Regency on the Island of Bangka, namely Bangka, Pangkalpinang, Central Bangka, West Bangka and South Bangka. The verification tool used is Structural Equation Modeling (SEM)- Partial Least Squares (PLS) using LISREL 8.5 program.

The Results of this study shows: (1) there is influence significantly the Society of Cultural Value towards Entrepreneurial Management, (2) there is an influence significantly an Entrepreneurial Management towards Creative Entrepreneur Community and (3) there is influence significantly the Society of Cultural Values Bangka towards Creative Entrepreneur of Community through Entrepreneurial Management.

Index Terms—Value and culture, creative community entrepreneur, entrepreneurial management, post-mining tin era.

I. INTRODUCTION

A. Study Background

Bangka Belitung tin has an abundance of natural resources, but is starting to hum "Era Post-Tin". This is due to the negative impact of mining tin that influence the environmental damage both on land and at sea. Local Government is currently trying hard to find solutions to make the design of economic development rooted to the

people and is able to boost economic growth while preserving the environment. On the other hand the existing human resources is still not able to create opportunities for potential business, it is presumably because the values and culture of the people who have not been able to encourage the formation of a creative entrepreneur community. This can be seen from his efforts have not been managed within the framework of entrepreneurial management.

Based on the phenomenon in the field indicate that most of the products of SMEs in Bangka Belitung Islands have not been creative and innovative. Examples Bangka honey which has a high quality, but the packaging is still not standard. Likewise, *batik cual*, which is typical of Bangka batik, which is still poor motif and design, is less adopts consumer desires. Bangka typical food that tastes delicious also still unable to compete in price and its variations, so that consumers are less satisfied with the performance of the products of entrepreneurs in Bangka.

Whereas Era Tin Mine Closure has started rolling, then prepare human resources in Bangka Belitung Province to manage other sectors and downstream industries are a necessity that is not negotiable. This could begin to reorganize the values and culture that have been contaminated with the habit (custom) unfavorable to the values and culture that encourages the creation of products that are creative and innovative. The sectors future potential for cultivation is the tourism sector. Plantation and resource use under. Based on the phenomena described above, it is important to do research related to variables, values and culture of Bangka, entrepreneurial management, and a creative entrepreneur community, in the era of post-mining of tin today.

Based on the above, the results of the study were made formulation of the problem: How to Model Establishment of Value and Culture Society towards Bangka Creative Entrepreneur Community through Entrepreneurial Management in the Era of Post Tin Mine.

B. Specific Purposes

The research objective is to improve the competence in the field of management, especially the study of SMEs in the field of entrepreneurship as management, strategic management, human resource management and organizational behavior. In particular purposes of this study were: (1) obtain a comprehensive description relating to values and culture Society Bangka, Creativity Entrepreneur Community, and implementation of the Entrepreneurial Management (2) Getting the studies and the influence of the values and culture of Bangka both partially and simultaneously to Creativity Entrepreneur Community

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through Entrepreneurial Management (3) Building a Model Value and Culture Society Bangka in shaping the entrepreneurial Through Creativity Entrepreneur Management in the Era of Post Tin Mine.

II. LITERATURE REVIEW

A. Values and Culture Society

Value indicates the basic reason that the method of execution or a particular end state is socially preferable than the method of implementation or the opposite end of the state. The value of properties and the contents of intensity said that the nature of the content or the method of implementation of the final state of life is important. The nature of the intensity of explaining how important it is. When classifying the value of an individual according to their intensity, we get value system that society [8]. Then [1] identifies the culture of the Bangka people (1) living life, (2) open to external influences, (3) prioritizes deliberation, (4) executes development with mutual cooperation and helps (5) creative, tenacious and (6) abstain from the prohibition of religion and custom (7) respect the functions of the land, forests, water and oceans (8) to have a spirit of togetherness and (9) love for the (regional) country.

B. Entrepreneurial Management

The concept of entrepreneurship by Stevenson based on behavior management. He explains the behavior of entrepreneurial and administrative behavior as two different things. [4]

C. Creative Entrepreneur Community

Creative Entrepreneur Community is a community within a community that has a supporting factor that can improve the initiative entrepreneurial then according to [3] are: a) be supported by local leaders, b) has a critical network, c) more than two persons, d) supported by entrepreneurs, e) cooperate, f) has the required resources and finally g) have a clear plan of action.

III. METHODOLOGY AND RESEARCH DESIGN

A. Research Models and Hypotheses

The verification tool used is Structural Equation Modeling (SEM)-Partial Least Squares (PLS) using LISREL 8.5 program. PLS consists of five stages, among others: (1) specification of the model, (2) identification of the model, (3) estimate the model, (4) testing the suitability of the model, (5) modification of the model. The research model consists of two types of equations, the equation of measurement and structural similarities, as shown in the following figure:

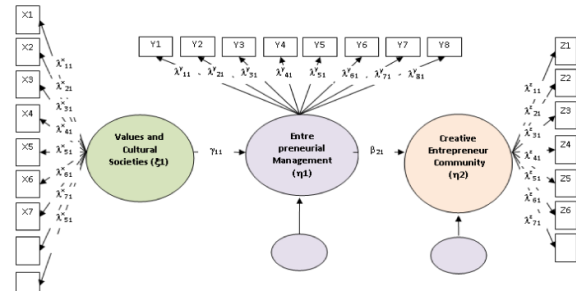


Fig. 1. Model SEM effect of values and cultural societies entrepreneurial management and its impact on creative entrepreneur community.

where:

Variable / Dimensions	Description	Variable / Dimensions	Description
η1	Values and Cultural Societies	Y4	Control of resources
X1	Power distance	Y5	Management structure
X2	Individualism / collectivism	Y6	Reward philosophy
X3	Achievement / nurturing	Y7	Growth orientation
X4	Uncertainty avoidance	Y8	Entrepreneurial culture
X5	Long-term / short-term orientation	Y2	Creative Entrepreneur Community (η3)
X6	In-group collectivism	Z1	Support Local Leaders
X7	Performance orientation	Z2	Quantity and Quality of Massa
X8	Gender differentiation	Z3	The support of the business communities
X9	Humane orientation	Z4	Cooperation
	Entrepreneurial Management (η2)	Z5	Having a Resource
Y1	Strategic Orientation	Z6	The Action Plan: Clear
Y2	Commitment to opportunity	Z7	Creative Group Behavior
Y3	Commitment of Resources		

Modeling in this study using the approach of Structural Model (SEM) is through Partial Least Square Path Modeling (PLSPM). SEM integrated approach between the Factor Analysis, Structural Model and Path Analysis. SEM is helpful in confirming the model of research studies involving latent variables. SEM is widely used in various fields of science, especially in the social sciences to see the connection between the study variables. PLSPM a powerful analysis method because it can be applied to all the data scale, does not require a lot of assumptions, and the sample size should not be large. PLSPM than can be used as a confirmation of the theory can also be used to build a relationship that is no foundation for testing theory or proposition. PLSPM can also be used for structural modeling with an indicator reflective or formative.

The research hypotheses in general are to obtained and study the influence of the values and culture of Bangka society both partially and simultaneously to the Creative Entrepreneur Community through Entrepreneurial Management. The research hypotheses are as follows:

H1: there is a significant and positive influence on the values and culture Bangka society of the Entrepreneurial Management

H2: there is a significant and positive influence on the values and culture Bangka society of the Creative Entrepreneur Community

$$\text{Entrepreneurial Management} = 0.602 \text{ Cultural Values Societies}$$

$$\text{Creative Entrepreneur Community} = 0.662 \text{ Entrepreneurial Management}$$

H3: there is a significant influence on the values and culture Bangka society of the Creative Entrepreneur Community through Entrepreneurial Management

B. Sampling and Data Collection

Characteristics of participants are small businesses in five (5) regions in the island of Bangka, namely: Bangka, Bangka Barat, Central Bangka, Bangka Selatan and Pangkalpinang, the number of 179 units SMEs.

IKM centers	Unit Analysis	Unit Observation				
		Bangka	West Bangka	Central Bangka	South Bangka	Pangkal Pinang.
Food Industry	53	7	13	11	11	11
Clothing Industry & Arts	6	1	2	1	1	1
Metal Machinery & Electronics Industry	55	10	8	16	7	14
Chemical Industry, Building Materials	54	14	5	17	8	10
Craft Industry	11	1	4	3	1	2
Total	179	33	32	48	28	38

Source: Department of Cooperatives and SMEs Bangka Belitung Islands (2014)

C. Research Instrument

In this study, the analytical techniques used Structural Equation Modeling with the parameters tested is basically the parameter correlation or covariance namely whether the correlation matrix or covariance population according to the covariance matrix model ($H_0: \Sigma = \Sigma(\theta)$) so associated with hypothesis testing, techniques most appropriate sample size used is the technique of power analysis. [6] SEM sample size determination for the power analysis formulated as follows:

$$n = \frac{\hat{\lambda}}{RMSEA^2 \times db}$$

where:

λ : Max(c-db),

c : $2nF_0$,

db : Degrees of Freedom

RMSEA: (Root Means Square Error Approximation)

Calculation of the size of the sample of the power engineering test was performed using Statistica 7.0 software, so the minimum sample size that should be taken in this study were 178 SME units. As for the unit of observation or study respondents are divided into 5 (five) Regency/ City: 1) Bangka, 2) Pangkalpinang, 3) Central Bangka, 4) West Bangka and 5) South Bangka

IV. RESULTS AND DISCUSSION

A. Result of the Research

1) Analysis of cultural values societies, entrepreneurial management and its impact on creative entrepreneur community

Path diagram below can be written in the following models:



Fig. 2. Effect of cultural values societies entrepreneurial management and its impact on creative entrepreneur community.

Calculations show the influence of the influence of cultural values Islands community to Entrepreneurial management can be categorized with great influence standard deviation 0.602 close to the value one. This means that changes in the unit value of the cultural community will be able to increase the Entrepreneurial Management for 0.602 or a standard deviation of 36.3% of the Entrepreneurial Management changes can be explained by changes in cultural values Islands community.

The calculation result the influence of an Entrepreneurial Management for Creative Entrepreneur Community by 0.662 which means the standard deviation of each change of one standard deviation of the variable Entrepreneurial Management will increase the standard deviation of the variable 0.662 Creative Entrepreneur Community. This result also means that 43.9% change in the variable Creative Entrepreneur Community influenced by variables Entrepreneurial Management. [9] stated that innovative behavior contributes significantly to the behavior of business success.

2) Influence of cultural values bangka society against entrepreneurial management

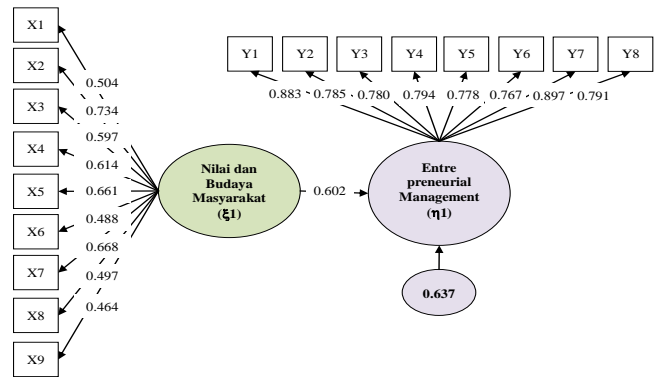


Fig. 3. Effect of cultural values entrepreneurial managementsocieties.

TABLE I: EFFECT OF CULTURAL VALUES ENTREPRENEURIAL MANAGEMENT SOCIETIES

Latent variable	Standard		T	Pr> t	f²
	Value	error			
Values and Culture	0.602	0.060	10.040	0.000	0.570

Results of statistical calculations Student t test value $t = 10.040$ with a value p.value of 0.000 so that it can be concluded there is influence significantly the Society of Cultural Value Of Entrepreneurial Management. F2 values greater than 0.570 is 0.350 concludes that there is a strong influence on the value of Cultural Societies Entrepreneurial Management. According to finding research [10] explain that entrepreneurs are influenced by ethnic and cultural factors.

3) Influence of entrepreneurial management against creative entrepreneur community

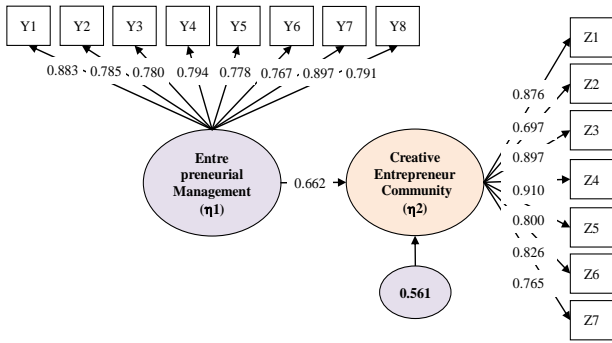


Fig. 4. Effect of entrepreneurial management against creative entrepreneur community.

TABLE II: EFFECT OF ENTREPRENEURIAL MANAGEMENT AGAINST CREATIVE ENTREPRENEUR COMMUNITY

Latent variable	Value	Standard error	T	Pr> t	f ²
Manajemen Entrepreneur	0.662	0.056	11.760	0.000	0.781

Results of statistical calculations Student t test value $t = 11.760$ with a value p.value of 0.000 so that it can be concluded there is an influence of an Entrepreneurial Management significant Against Creative Entrepreneur Community. F2 value for 0.781 is greater than 0.350 concludes that there is a strong influence of an Entrepreneurial Management against Creative Entrepreneur Community.

4) *The influence of cultural values bangka society against creative entrepreneur community through entrepreneurial management*

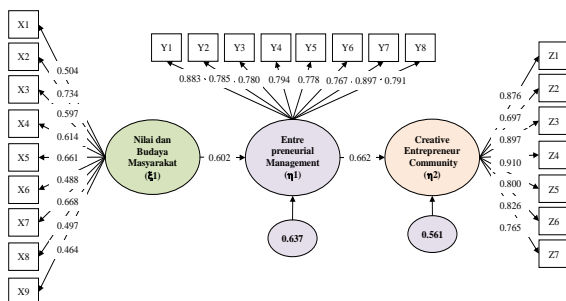


Fig. 5. Effect of cultural values bangka society against creative entrepreneur community through entrepreneurial management.

TABLE III. EFFECT OF CULTURAL VALUES BANGKA SOCIETY AGAINST CREATIVE ENTREPRENEUR COMMUNITY THROUGH ENTREPRENEURIAL MANAGEMENT

Latent variable	Value	Standard error	T	Pr> t	f ²
Cultural Values x Manajemen	0.412	0.105	7.316	0.000	0.624

Result of statistical calculation t test student gives value to the value $t = 7.316$ p.value of 0.000 so that it can be concluded there is influence significantly the Society of Cultural Values Against Bangka Creative Entrepreneur Community Through Entrepreneurial Management. 0.624 is f2 values greater than 0.350 concludes that there is a strong influence on the value of Bangka Culture Society against

Creative Entrepreneur Community through Entrepreneurial Management. This reinforce finding research [5] discusses how success in entrepreneurship is produced by a combination of creative ideas and superior capacity to decide.

B. Discussion

The research findings indicate that the values and culture of Bangka already superior turns previously rejected the view that the values and culture of Bangka is not superior. Justification of this finding is that a respondent of this study is the small entrepreneur. Entrepreneurs are people who have these characteristics: self-confidence, and results-oriented tasks, risk-taking, leadership, originality and future-oriented.

According to [2], will indirectly shape the characteristics of entrepreneurs in general, namely: (1) Having an attitude and a strong position in taking risks, (2) Having the spirit / strong motivation to compete, (3) Confident, (4) Diligent, (5) Persistent, (6) Have a clear purpose, (7) Having honesty, and (8) Have a creative and innovative attitude.

The existence of a strong influence from the Community Cultural Values Bangka Creative Entrepreneur of Community through Entrepreneurial Management. So if you want to enhance the creativity of the business community in Bangka, then in addition to the values and culture of the people must also be supported by modern business management. Values and culture are superior is not enough to increase the creativity of the business community but also to be supported by modern business management. On the other hand also shows that, the influence of modern business management is greater than the value of culture and society. [7] review how entrepreneurship is formed in Nigeria, it turns out that the socio-cultural environment has an impact on entrepreneurship positively and negatively.

V. CONCLUSIONS, IMPLICATIONS AND LIMITATION OF THIS STUDY

A. Conclusions

Based on the results of data analysis and discussion that has been done, the research concluded:

Results of statistical calculations Student t test value $t = 10.040$ with a value p.value of 0.000 and amounted to 0.570 f2 values greater than 0.350 can be concluded that there is a positive and significant impact on the value of the Entrepreneurial Management Culture Society.

The results of statistical calculations Student t test value $t = 11.760$ with a value p.value of 0.000 and amounted to 0.781 f2 value greater than 0.350 so that it can be concluded there is a positive and significant influence of an Entrepreneurial Management for Creative Entrepreneur Community

The results of statistical calculations Student t test value $t = 7.316$ with p.value values of 0.000 and amounted to 0.624 f2 values greater than 0.350 can be concluded that there is a positive and significant impact on the Community Cultural Values Bangka against Creative Entrepreneur Community through Entrepreneurial Management.

B. Implication

1) Implication for SMEs

- Increased competence of entrepreneurial management to be more creative.
- Increase motivation to be an entrepreneur is Need for Achievement, namely the desire to excel. Do not be easily satisfied with the results received today.

2) Implication for Local Government

- Bangka Society is a religious community, so as to improve and maintain excellence values and culture of the people need to be the role of scholars such as searching for values in the Al-Quran and Al-Hadith regarding the motivation, attitudes and behaviors and values that up hold akhlakulkarimah.
- Increasing the concern and the concern to SMEs by enhancing the programs that are creative and innovative.
- The programs are carried out should be evenly and effectively to all small businesses such as: training halal label, packaging, PIRT, and others.
- Increase mentoring programs to Small Enterprises, such as a program providing funds to SMEs, when returns are low it must be accompanied by assistance to the small businesses.

C. Limitation

Suggestions for future research are as follows:
LIMITATION

- Adding variables in addition to the values and culture and entrepreneurial management as an independent variable because there are other variables that affect the creativity of the business community is a creative environment, government support, training to make creative products, and the use of technology and information.
- Values and culture of the people would be more appropriate if it is replaced with the value of culture as a variable; if there is a word "and" impression are two different variables.
- Expand the scope of the study not only of the respondents as a businessman but also society in general Bangka. This is in order to deepen the values and culture of Bangka true.

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