Economic Development after Tin Mining: An analysis of Strategic Policy in Economic Sector development of Bangka Belitung through the Dependency Theory

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Abstract
This research describes about the strategic policy of Governor of Bangka Belitung Island Province, Erzaldi Rosman in developing economic sector after tin mining with dependencies theoretical analysis. The research also observe and the interpretation of the about how efforts Erzaldi Rosman use its strategic policy this as a purpose to rebuild foundation economic development Bangka Belitung Island without tin, how policy this strategic can be enjoyed directly and equitable for all people, and how policy this strategic can in line with the human resources development and environmental management. This research itself is conducted by using the method the qualitative study is descriptive with discuss strategic policy done by Ezaldi Rosman in an effort to release dependence economic Bangka Belitung of tin. This research result indicates that there are five strategic policies issued by local government, among other policies on the agricultural, tourism, infrastructure, empowerment small and medium enterprises, and the increase in human resources. Fifth strategic policy is in line with the concept of the theory dependencies said that model the development is maximize factors internal.

Keywords: strategic policy, economic development, tin.

Introduction
Economic development is a process that aims at raising gross domestic product (GDP) in a country or area exceeds the population growth. According to Sadono Sukimo (1996, p. 33), growth and economic development have different definition; such as it is a long term of the output process of per capital increasing continuously. Meanwhile, Adam Smith states that economic development is a combination process of population growth and technological advances (Suryana, 2000, p. 55). According to Simon Kuznet (Jhingan, 2003, p. 57), economic growth is a sustained increase in the output or income per person produced by a country followed with increase in volume of technology progress, suitable and ideology 15 its needs.

On the other hands, economic growth is certainly could be one of successful economic development indicators in a territory. As in Bangka Belitung Island Province where it continues doing an effort to perform development and economic sector development by taking benefit from various available resources, whether it is
human resources and natural resources owned. Over the long time since Dutch colonialism until now, economic development in Bangka Belitung resting is on tin mining sector. But the condition recently getting decreased drastically and local government roll on development policy that is no longer dependent on mining sector, as the agricultural sector, plantation and tourism. Development at the sector is expected to bring this province off from reliance on the mining sector.

Some important reasons of economic development are no longer dependent on tin mining sector. Firstly the destructive happened, both on land and at sea. It is because the presence of illegal mining. Secondly, the damage of coral reefs and impact on fishes because contaminated sea water. Thirdly, the arising of the social impacts. These impacts increase the drop-out children in compulsory education aged, drains market alcoholic drinks, prostitution and drugs, gambling, deadly culture read and learn, occupational health and safety low, destroy culture farming/gardening, imparting culture instant, defiling homes with the attitudes and worker behavior keep, negative young generation their of the mosque/religious, democracy stunt, the destruction of law (Rahman, 2009, p. 2013).

It can be said that the Governor and Vice Governor of Bangka Belitung Island chosen in February, Erzaldi Rosman and Abdul Fatah, must have strategic policy for the construction of the economic sector in the Bangka Belitung Island really off from tin dependency. Policy strategy becomes a policy priority to release the dependence Bangka Belitung Island of relying on tin which has been done since the 17th century. Based on the discussion above, so it can be formulated that the focus of this study is the identification of efforts Erzaldi-Fatah in developing the economic sector in Bangka Belitung Island besides tin through strategic policy conducted. Meanwhile, the purpose of this study is to find constructive policy whatever has done by Erzaldi-Fatah and then the analysis of the strategic policy through the dependencies theory.

**Literature Review**

Considering the importance, this research has attracted attention researchers to make a review. Some the research is of them, research conducted by Ade Irna T. Pangalasen (2013). It Called study Economic Development Areas the Border Area Among States in Talaud Island Regency, this research study of a development of the region a border in Talaud Island Regency. In this research, used shifts share analysis and models approach of gravity for measuring the performance of the economic sector and allure tibanban as the side of the border in the Philippines. The result show that the district of the Talaud will continue to experience economic growth which was good, even if the local economic cannot increase productivity economy but the influence of the Province of North Sulawesi can donate components share as a component of growth.

Another study discussed about the development of the economic sector is Nurul Istiqomah, Dwi Prasetyani, and Amina Sukma Dewi. Titled The Impact of An Industrial Region In The Village Need Against Economy and Entrepreneurship Desire in Mojosongo Subdistrict, Boyolali, this research on the impact of the existence of an industrial region in the village need Mojosongo sub district Boyolali Regency against the increase in activity of economic the surrounding peoples. The result show that the society economy around an industrial region in the village need Mojosongo sub district with the establishment of several factory make keeps growing. The peoples which the ancients only farming, as livestock and raise now there are many who catches the chance to entrepreneurship.

Here are also research conducted by Subhan Purwadinata, about how the contribution royalty PT. Newmon Nusa Tenggara on local government revenue West Sumbawa Regency 2006-2012 year. This research using descriptive analysis,
especially using analysis that concludes a frequency distribution average for the results finding. Based on the result of the analysis, contribution royalty PT. Newmont Nusa Tenggara on local government revenue West Sumbawa Regency years 2006-2012 so the largest contribution happened in the year 2006 of 21.70 percent, this is because the division of funds for the result from premium fixed exploration and exploitation of mining products West Sumbawa Regency get contribution first after make blossom away from Sumbawa Regency. The Contribution of PT Newmont Nusa Tenggara royalty on local government revenue, West Sumbawa regency is an up and down. Declining and increasing are caused by less transparency of allocations and the use of royalty PT Newmont Nusa Tenggara by interested parties.

**Research Method**

This research is the qualitative method is descriptive. According to Creswell (in Hardiansyah, 2010, p. 8) qualitative research is an inquiry process of understanding based on distinct methodological traditions of inquiry that explores a social or human problem. The researcher builds a complex, holistic picture, analyzes words, report detailed views of information, and conducts the study in a natural setting.

Meanwhile, Saryono (2010, p. 1) explained that the qualitative study is the research used to investigate, find, describe, and explain the quality or privilege from the influence of social that cannot be explained, measured or drawn through the quantitative approach. In other words, it can be said that researchers conducted presentation of the data is the quality and exploring data. This analysis aims at tracking a sort of descriptive set strategic policy issued to build the economic sector Bangka Belitung Island beside tin and after that an analysis through the dependencies theory.

This research is descriptive, such as data collected as results observation, the results if the interviews, the results of shooting, analysis documents, field notes, arranged researchers in the research location, not be in the form of figures. The result of the analysis of exposure to data in the situation subjects presented in the forms of discussion narrative, namely the discussion information on strategic policies issued by Erzaldi-Fatah to release economy dependence Bangka Belitung Island of tin.

Meanwhile, to get data and an appropriate information and accurate, This research used data collection method to technique observation and interview. Technique observation that done through an observation as characterization as well. It means, the role of observer openly known to the entire subject, even maybe even observer supported by the subject of this research. Through this observation, researchers attempt to gather evidence related with policies strategic of Erzaldi-Fatah to release economy Bangka Belitung Island of tin. After that continued interview is not structures.

**Results and Discussion**

Bangka Belitung Island Province continues to be one of the first settled province continue to evolve and progress. One of the improvements being undertaken focus is economic development. This is due to the economic growth of Bangka Belitung Island experienced a weakening over the last five years. This condition very clearly indicates that the economic development of Bangka Belitung Island is heavily dependent on tin. Therefore, it is not easy for local government to release the dependency of the economy of peoples against lead.

**Strategic Policy Economic Sector Development of Bangka Belitung Island**

Dependency theory itself was born in Latin America in response to the failure of the program run the ECLA (United Nation Economic Commission for Latin Amerika) during early 1960’s. ECLA formed aims to be able to move the economy in the
countries of Latin America with pilot theory of modernization which has proved successful in Europe. This theory argues that the poverty and underdevelopment that happens in third-world countries is not caused by internal factors in the country, but more determined by external factors from outside the countries of the third world (Hatu, 2013, p. 55). Dependency theory was also born over the scientific response against Classical Marxist opinions about development run in developed and developing countries. Those to whom we have, the core of theories ranges in two things, such the outline range of methods of analyzing economy a region and whose theories discuss about the factors that determine economic growth a particular region (Arsyad, 1999, P. 114).

The same economic development run out Indonesia, especially Bangka Belitung Island far that experienced retardation economic. It is more caused by external factors, especially closely related to the trading tin to several advance countries, as Dutch, South Korea, Japan, and United States that did not give an advantage significant for welfare and economic development in the Bangka Belitung Island until now. Hence, to do economic development and release this province of dependence trade tin, the Governor and Vice Governor continue to make innovation with designing programs strategic policy.

| Table 1. Strategic policy economic sector development. |
|--------------|----------------------------------|
| **Field**    | **Policy**                       |
| Agricultural | Revitalization of pepper and rubber |
| Tourism      | Special Economic Area Development |
| Infrastructure | The Construction of the Bridge Bangka-Sumatera, Development of Seaport and Batu Beriga |
| Empowerment Small and Medium Enterprises | The Development of Small Micro and Medium Enterprises |
| The Increase in Human Resources | An Increase in Competitiveness Human Resources |

The arrival of five policies this strategic seeks to release dependence Bangka Belitung Island from developed countries which has become the destination of the export tin. This is in line with the paradigm of the theory dependencies said that other external factors the most determining retardation the third world. The by the interference, so development in third world does not run and useful for removing retardation is going on, but increasingly bring the misery and retardation (Hatu, 2013, p. 55).

**According to Analysis Strategic Policy Theotonio Dos Santos**

Santos says that the relationship which is interwoven between the developed states and the country underdeveloped are relations that is not healthy because the developed world did the exploitation resources to the developing world for the benefit of development in his own country. The exploitation of resources will be done through of industries in the developing countries on investment but developed countries, so that profits obtained by the industry many are drawn to the developed world, while the burden of the impact of industrialization has been given to developing countries which were industrialization places (Hatu, 2013, p. 57-58). These conditions are the occurring in economic sector development, especially in trade tin to some countries export. Trading activities tin that originally aims to prosper and build economies Bangka Belitung Island, were actually only wishful alone. Profit that can bring this province towards welfare it turns out that many enjoyed by countries export tin itself. Even supply bears tin itself owned by countries export compared to supply that is in Bangka Belitung Island.
The impact of felt by this province only the environmental damage, the social impact, and relying with countries export tin, namely dependence in the form of to determine the selling price tin. This condition in line with opinion Santos stating that relationship two states or more containing the form of dependence if a few countries dominant can develop and have autonomy on the development, while country it another (that depends) to do the something, just reflection the development of dominant country (Suwarsono and So, 1994, in Martono, 2012, p. 68). Third the distribution will be of them colonial dependence, the financial industry dependence, and relying technology industry (Martono, 2012, p. 69).

Meanwhile, there are three types of the division of dependency submitted by Santos in his thesis.

a. The Colonial Dependence
Santos thought that in dependence colonial, the dominant country who collaborated with the elite the state depends, dominated the land ownership, mining, labor, and export of goods mining and of agricultural produce of the state a colony (Martono, 2012, p. 69). In other words, clear that the form of dependence colonial due to colonization Dutch that is in the Bangka Belitung Island until now is domination and a monopoly in the form of tin mining, how Dutch takes over all mining the peoples. After the colonial in this, domination and monopolies tin mining here is by the central government through PT. Timah Company.

Domination and result of this monopoly then the strengthened with the formation the lead or ICDX (Indonesia Commodity and Derivatives, Exchange) on the 1st in February 2012. For that reason, relating to the existence of icdx, the Governor asked the central government to conduct an evaluation over the tin the exchange. It is valued due to the presence of ICDX are not contribute good against Bangka Belitung Island peoples. “As far as provincial government was no benefit, I think it is too late if you want to provide assistance. If you want to help years ago do not pressured from the heart. They do not to submit a letter to meet, called meets does not need to be. I gonna so things that we don’t want if I meet ICDX,” said Erzaldi. 1

To break chain domination and result of this monopoly, the local government then trying to replace the mining sector to the agricultural sector. In the agricultural sector this, its main focus on return glory pepper (agriculture pepper) and the increase in the price selling rubber. In the agricultural sector pepper, the efforts is through procurement seeds and provision of medicine disease pepper to the peoples as a stimulus for the use of village funds allocation. Not only that, of local government effort in an effort to return glory pepper were also carried out in the form of eradication chains mafia pepper that is for it is always play price pepper so that the selling price the pepper very cheap. “Pepper mafia that are not only there in India or abroad. In Bangka there are also. Pity the people farmers and plantation pepper that is be only oppressed about the price. Now they buy from farmers pepper rp 65 thousand rupiah-70 thousand rupiah. A little while they sell 120 thousand rupiah even up to 180 thousand rupiah. Not keep thinking of how rich they while farmers pepper oppressed. Works in synergy with we need to cut the link this mafia and bring buyer (vendee) directly to farmers by a price that is profitable for farmers pepper,” said Erzaldi Rosman (Ismunarno, 2017, p. 2). While associated with an

increase in the selling price of rubber, local governments informed to rubber farmers so as to be in the process of rubber sap the clumping do not use alum, but the use of acid ants (formic acid). The purpose of the use of acid ants this so as rubber produced having level plasticity better and not very many containing water.

Of local government effort in the development of the economic sector and efforts to release from tin dependences is also is done through the tourism development. The establishment of area Tanjung Kelayang Belitung as the area special economy by the central government, has secured a developmental step of tourism. To furnish development tourism, local government then applied for special economic zone located on the Bangka Island, is located in the region Sungailiat and Tanjung Bunga. "The potential to be the special economic zone tourism. We be grateful for potential that, no need to jealous. We integration and synergy just them," said Erzaldi Rosman (Ismunarno, 2017, p. 2).

Not only that, to furnish strategic policy through develop the tourism, local government plans to expand in areas of infrastructure, namely the construction of the bridge Bangka-Sumatera and port development Batu Beriga. Bridge construction plan Bangka-Sumatera this alone have been proposed to the President Joko Widodo. Development goals this bridge besides aims to keep the inflation rate, lower the price basic, also aims to open access is easier for tourists Sumatra to come traveled to Bangka. While port Batu Beriga own built to connect Bangka with the sea toll, which makes it easy for transportation goods of the Bangka Belitung Island.

b. The Financial Industry Dependence
According to Santos, dependency does see sectors and the whole economy depends dwell on the export of raw ingredients and agricultural products (Martono, 2012, p. 69). For that reason it is clear that lead until now remained one of main export products Indonesia and become the main product to prop up the economic sector in Bangka Belitung Islands. It is not surprising then if the export of raw ingredients this will cause drainage of state resources, while added value obtained very small (Martono, 2013, p. 69).

For settle the matter, local government next design strategic policy, namely expand their business small and medium enterprises. "The small and medium enterprises that produce creative industry must developed with increased. The small and medium enterprises to promote successful tourism. Be immediately made synergy that the small and medium enterprises this move forward and encourage the economic sector especially economic tourism," said Erzaldi Rosman Governor (Ismunarno, 2017, p. 2). The development of this next carried out through education implementation and training, institutional strengthening and supervision cooperatives, done the volume of business, as well as kosher certification.

c. Relying Technology Industry
Among modern society now know that progress industrial technology, in addition to speed up the process production, can also overcome environmental problems that occurs. Damage energy and natural resources as a result of a system exploration wrong, can be prevented with the new system that more sophisticated (Usman, 2012, p. 285). Including in the system tin mining. The use of industrial technology for the purpose of speed up produce and the increase in produce. The use of industrial technology in tin mining this is considered to be more ease jobs and safer, and can minimize damage environment what happens when compared with traditional mining. However, belief in a kind of was not
completely right. Many people have denied, among others, by stating that technology is not a solution, instead increase new issues. Environmental pollution to be stopped by new technology (Usman, 2012, p. 285).

In fact, the use of diesel engines, excavator for digging earth, and using vessel dredgers, and a ship suction production to mining activity in the sea make the environmental damage even worse and expanding. The spread of the destructive happened, not only on land, but also in the sea. This is because not all mined tin land on land done greening back. Including in the sea, damage occurs coral reef and pollution the sea water directly affected the fishermen and tourism sector. The senses Indra Ambalika, the people of exploration reefs from University of Bangka Belitung stated that in 2015, than forty one a central point coral reefs, only ten points that left. Thirty-one the spots that the condition is broken and enclosed sludge remaining tin mining. "It can be said; there is no mining activity as bad as is due to the in Babylon. As a result of tin mining in the sea, 50 percent of coral reefs here was badly damaged," said Indra, alumnus of Marine Science Bogor Agriculture Institute, about the state of the damage to coral reefs in Bangka Belitung Island.²

To this the problem solve, local government do the increase in human resources. The main objective of the increase in human resources this to direct the community to have changed profession, of mining to other occupations areas. The increase in human resources is important it means to upgrading and public welfare. "Immediately make a program to improve the ability of human resources Bangka Belitung Islands. 67 percent the availability of our working that primary school graduates. How did maybe we could increase the competitiveness of if composition and the configuration of the availability of our working like this," said Erzaldi Rosman (Ismunarno, 2017, p. 2). For that, the increase in human resources this next done through education and training job seeker skills thoroughly at district or a city in Bangka Belitung Islands.

**Conclusions**

Based on the results of the test which has been previously mentioned, then a conclusion can be drawn as follows:

1. A policy to develop the economic sector in Bangka Belitung is a development program devoted to lower dependence the economy of community Bangka Belitung of the mining sector. Not only that, these programs also aim at improving resource utilization that is, so that economic condition of the community will be better or an increasing. The development programs scope of economic development has included agriculture, tourism, infrastructure, empowerment small and medium enterprises, and increasing human resources. For those reasons, the implementation of development programs in economic sector had gone well, we need to supervise it. This is not important to the deviations in its implementation field later.

2. In general, a policy to develop economic sector is conducted in all levels of society in Bangka Belitung since it is so important benefits in improving economic conditions of Bangka Belitung in which it is only dependent on tin mining. Specifically, this policy has big deal for the community; especially the people of medium to low levels in rectify or improve the economic situation of his family. To realize this, we need to increase coordination between institutions to assure the success of policy.

3. Contribution or influence a policy for developing the economic sector to the community the lower it is certainly also expected the capable which have had a positive impact to the needs purchasing power of the community in fulfilling various kinds of their basic needs daily.

4. On the basis of the results of the study mentioned above so five strategic policy in an effort to community economic sector development in Bangka Belitung be in line with the concept of the theory dependencies said that model the development is maximize factors internal called in theory modernization as barrier motion development. Internal factors that can be developed as a model development and it is useful for natural resources and increased capacity of human resource better than improve global competitiveness.

References


