Study on the optimization of service structure of resource-oriented cities in transition - taking Huainan city as an example

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Abstract: The development of resource-based cities in China is mainly based on the development of local resources and as the main pillar enterprises of urban development. However, this resource is mostly non-renewable resources, and with the continuous exploitation and utilization of human beings, the resources they have are bound to be exhausted. And industries that rely on resources for development will also decline. Bring about the decrease of city economy income, personnel unemployed etc. Facing this situation, we must be ready to transform and find new development paths. In Anhui province is the main coal resources on the case of resource-based cities, it holds coal resources provides a great convenience to the development of early cities, coal resource is not renewable resources, however, so in order to be able to make the Huainan towards sustainable development path. We need to analyze the current industrial structure of Huainan and analyze its advantages and disadvantages in the development process so as to find new ways for its development.

1. Quote
The dependence of the resource-based cities for natural resources is bigger, and with the people on the natural environment and natural resources deepening of cognition, help resources city sustainable development road has become the future development of the main direction. The mineral resources of Anhui province are very rich, which provide sufficient support for its own economic development. Yet this city, which relies on natural resources, has paid a price for its economic gains. Faced with the increasing exhaustion of natural resources, deteriorating environment and low economic efficiency, a series of problems. Must make a positive response of Huainan city, looking for new opportunities and conducive to the development of city, to accelerate the economy development and the rise of the city, provide a reference for the rest of the work of transformation of resources city and using for reference.

2. The present situation of Huainan
Huainan city is located in the Yangtze river delta region of China, located in the middle reaches of the Huaihe river. It is one of the most important cities in Anhui province because of its rich natural resources. It is a city surrounded by natural resources and is one of the important economic pillars of Anhui province. Since it is adjacent to Hefei, it is also a gateway city in northern Anhui, which is developed with Hefei as an economic circle [1]. The total area of the area is 2,585 square kilometers, including urban, suburban and built-up area. The urban population can reach 2.6 million. Huainan is the most abundant coal resource in southeast China, and also the largest coal mine area. At present, only the proven reserves of coal have reached 15.3 billion tons, accounting for 71% of the coal...
resources in Anhui province. Moreover, its coal resources are very high quality, not only contain sulfur, low phosphorus content but also have better combustion, so it is widely favored by many chemical raw materials and coal-powered enterprises.

3. The plight of the sustainable development path
Huainan is mainly a coal-based economic development city, so the coal industry depends on a high degree of dependence. At the same time, due to the influence of coal economy, the natural, economic and cultural development of Huainan has problems, and we will analyze them one by one.

1. Industrial structure imbalance
The main problem in Huainan city is that the proportion of industrial structure is not clear. This paper will use the three industrial classification to analyze the classification of industrial structure. The main factors affecting the development of the industrial structure are: natural resources, human resources, knowledge and technology, and policies. The problems of industrial structure in Huainan city are mainly manifested in the following aspects:

3.1 The second industry is bigger than the other.
The case depends on the coal resources mining and processing for a long time, the low degree of the comprehensive utilization of coal resources, and produce a single structure, the city's economic development are mainly composed of heavy industry. As can be seen from the above picture, the second industry in Huainan city is in a state of continuous development, while the first and third industries are in a declining state. From the development data of Huainan region, we can see that the third industry of Huainan area relies heavily on the development of its secondary industry.

3.2 Industry is bigger
Due to the excessive development of the second industry in Huainan city, the enterprises related to the second industry have been in constant growth. Through the above, we learn that the case because the proportion of secondary industry is too large, the second industry growth rate of GDP growth has exceeded its city, so the development of the coal resource related industry decide the development of the whole city economy.

To sum up, we can conclude that the second industry of Huainan city occupies the dominant position of the whole urban economic development, and the coal industry is the most prominent among them. At the same time, the development of the coal industry is excessively dependent on the exploitation of natural resources, so it will inevitably lead to unreasonable industrial structure. At present, the coal resources in Huainan are mainly coal mining, power generation and chemical production. In figure 3 we see case of the industrial development of the main source of benefit for the coal industry, and other industry compared with added value brought by the coal industry has the absolute advantage, the development of equipment manufacturing industry are relatively small, also can not replace coal with value-added benefits. Therefore, it is impossible to realize the optimization of urban structure through the transformation of production content.

3.2.1 The human resource structure is not reasonable.
Because of the unreasonable production structure of Huainan city, the structure of its human resources is directly affected. As can be seen from figure 4, the employment Numbers of the first industry in Huainan area have been declining continuously. However, the number of people in the secondary and tertiary industries is on the rise.

This unequal distribution of human resources not only leads to the rationalization of its personnel structure, but also affects people's exposure to education.

According to the analysis of figure 5, we can see that the number of people with a college degree or above is 1.2 times higher than that in Huainan city. In spite of this, but through the analysis of the education level of the resident population of Huainan city, we found that its cultural level about 2.33% lower than the nation's education level, the number of college and above education only 1.82% higher.
than the provincial level, compared with the national level, both in fixed number of year of the education and education level is relatively low.

3.3 Environmental problems
Due to Huainan mainly coal mining, the mining area of serious damage to natural environment and ecological environment, and mainly relies on coal enterprises in the production of the discharge of pollutants to the surrounding environment also has brought very serious impact.

3.4 Social problems
The development of Huainan city mainly depends on the mining area, because the mining area is scattered far away from the city, so the development layout of the whole city is very unscientific. The daily life of people in the city is mainly around the mining area, so the corresponding education and infrastructure investment will be increased. Weakening the centralization function of the city, weakening the service level of the city, thus unable to promote the development of the city faster.

4. The SWOT analysis method

4.1 Advantage

4.1.1 The dominant function of the second industry.
Of Huainan city of industrial value added impetus to the development of the whole city economy, and in addition to the coal resources, and other industry development level are relatively increased, so the development of the whole city also need to rely on the secondary industry.

4.1.2 The third industry is thick and thin.
Through the analysis of the development of the third industry in Huainan city, we can see that the output value of Huainan city has increased in both traffic and telecommunication fields. It accounts for nearly 10 percent of the service industry. At the same time, catering and wholesale and retail industries have also been greatly promoted. It provides the foundation for the transformation of the economic structure of Huainan city. In the future, the development of the third industry will inevitably lead to the economic development of Huainan city [3]. At the same time, Huainan city can rely on the city's own natural characteristics and resources to develop "colorful" city tourism. They include "black", represented by coal represented by thermal power of the "red", "blue", represented by the origin of life by the characteristic snack "white" and "green" represented by green ecological.

4.2 Disadvantage

4.2.1 The industrial structure is not reasonable.
After decades of development and development of the coal industry, coal has become the backbone of the city. However, this brings the gift of nature is also brings the development of the city, the unreasonable development has made several collapse and pithead heap-leaching mining area appears in the city, in the early development of the lack of global scientific concept of development, leading to its exploitation of natural resources have been used more extensive development pattern [4].

4.2.2 Lack of international
Although the number of enterprises in Huainan is more than that of enterprises and the number of talents is small, it is difficult for the world to hear the famous enterprises in Huainan. This brings great restriction to the development of the city and the talent introduction of enterprises.

4.2.3 Based on SWOT analysis.
Through the analysis of the above diagram, we can see that there are certain opportunities and challenges in the present development of Huainan. Therefore, we can rely on the advantages of
huainan's own advantages and make full policy advantages, thus driving huainan to turn the disadvantages into opportunities in the process of urban economic transformation.

5. Countermeasures and Suggestions

5.1 We will vigorously develop the tertiary industry
In order to better promote the economic transformation of huainan city, we positioned the third industry as the main development area of the city, and built a service brand with the characteristics of huainan city [5]. Huainan is the birthplace of chu and han, with good cultural resources and natural resources, so it can develop tourism, business and other related service contents depending on the characteristics of huainan.

5.2 Develop secondary industries related to coal mines.
In the process of developing the second industry, we should focus on non-coal enterprises, encourage the development of small and medium-sized enterprises, and promote the continuous development and upgrading of high-tech industries. We will continue to extend the industrial chain of the region, choose different industrial development paths, and gradually shift to the mode of multi-level industrial development by relying on the "one leg" of coal development.

5.3 Strengthening infrastructure
Strengthen the quality of community construction, improve the cohesion of urban community through the investment in transportation and infrastructure construction, and make the connection between the city and the surrounding area become more close. By improving the internal and external traffic construction of the city, the urban development becomes more and more smooth, and then the interactive ability of the city and the surrounding area is promoted, thus enhancing the integrity of the city.

5.4 Development environment
We will strengthen the publicity and implementation of environment-related content, and integrate environmental protection work into the daily life of residents. Strengthen environmental supervision and improve environmental governance through regulatory mechanisms [6]. For coal mining enterprises, it is necessary to carry out emission reduction work to ensure environmental protection work

5.5 Speed up governance
Due to the unreasonable development of the early urban area, there are a lot of subsidence area and relevant departments shall actively ecological remediation, through scientific and rational compensation mechanism to help the subsidence area for further development. At the same time, the corresponding guarantee mechanism should be established to ensure that the life of people living in the mining area can be guaranteed by land replacement or policy tilt.

6. Conclusion
Of huainan city because of its unique natural resources make it has obtained the huge economic benefits, but also brings the development of the whole city, and increasing depletion of natural resources and the city to the road of sustainable development requirements. We need to promote the transformation of the city, by vigorously developing the tertiary industry and promoting the development of non-coal secondary industry to help the city of huainan escape from the city's coal resources. We will continue to improve the problems brought about by the development of urban history, and make great efforts to build a third industry with the characteristics of huainan city, and ensure that the city can achieve the goal of sustainable development as soon as possible.
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