

Strategic Thinking and Countermeasures of Anhui's Urban Economic Development under the High-Speed Rail Economy

-- Taking Hefei as an Example

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Abstract

At present, the total mileage of Anhui's high-speed rail ranks first in China. The high-speed rail has brought a new development path to Anhui's economy, but it is also accompanied by challenges. Hefei City, located in the center of Anhui, has the largest high-speed rail station in Anhui - Hefei South Railway Station. In the future, it will also form a super "clock-shaped" high-speed rail radiation network pattern in 13 directions. Based on the data of Anhui's urban economic development, this project adopts the methods of comparative analysis and literature research, and uses dynamic comparison, content analysis, and bibliometric methods to obtain the process and law of economic development in Hefei, Anhui under the influence of high-speed rail economy, and the impact on Hefei's economic development. The current situation and direction are analyzed and summarized, and on this basis, the path and countermeasures for further reasonable development of Hefei in the era of high-speed rail economy are proposed.

Keywords

high-speed Rail Economy; Hefei; Regional Economy; Countermeasures; Future Development.

1. Introduction

In August 2020, in the "Outline of Advanced Planning for Railways in a Powerful Country in Transportation in the New Era", China State Railway Group Co., Ltd. proposed that "by 2035, my country's high-speed rail operation mileage will be about 70,000 kilometers, and high-speed rail will be fully covered in cities with a population of 500,000 or more." Long-term high-speed rail development goals. With the rapid development of high-speed rail, the regional economy has also ushered in the "high-speed rail era". It promotes urban economic agglomeration, but at the same time it also brings problems such as the outflow of talents, technology, and information, and the impact on traditional industries. Clearly grasp the path of Anhui's urban economic development under new trends in the new era, explore the impact of the high-speed rail economy on optimizing urban space and industrial structure, and improving employment levels, so as to grasp the new development of the urban economy and put forward effective proposals for the development of Hefei's urban economy. recommendations are of great importance.

2. Opportunities for the Economic Development of Hefei By High-Speed Rail

2.1. Convenient Urban Transportation and Promote Regional Economic Development

With the acceleration of high-speed rail construction, the city's economy has also grown steadily. With the increase of high-speed rail mileage and convenient urban transportation, people have more choices in travel methods. The emergence of high-speed rail not only facilitates transportation, but also stimulates the development of urban service industries and real estate, forming an economic zone next to the high-speed rail, driving the development of more industries. In some remote areas, due to the construction of high-speed rail, the housing prices in the surrounding areas have risen accordingly, attracting more people to live. The surrounding basic public facilities are also gradually improved to provide better services for people. The high-speed rail also helps Hefei connect with surrounding cities and promotes integration with the Nanjing metropolitan area and the Yangtze River Delta economic development belt. In 2022, Hefei's total economic volume will exceed 1.2 trillion, with a total value increase of 3.6%, achieving a new breakthrough in regional economic development.

2.2. Promote Urban and Rural Economic Development and Promote New Urbanization

The high-speed rail transportation network in Hefei City covers all counties, which can play the leading role of the urban economy, promote the economic development of the county, promote the construction of new urbanization, and help the revitalization of the countryside. According to relevant data, the urbanization rate of Hefei City in 2022 will be nearly 84%, an increase of about 1.8 percentage points compared with the previous year, and the level is much higher than the urbanization rate of 60% in Anhui Province. leading. The development of high-speed rail can also empower rural revitalization to a certain extent, provide convenient transportation for rural forestry, fruit industry, and animal husbandry, promote their sales, and promote rural economic development. It is also convenient for people to go to urban areas to seek employment opportunities and increase their income levels.

2.3. Provide Jobs and Promote the Solution of Urban Employment Problems

As of January 2023, there are now 14 high-speed rail (train) stations in Hefei. The high-speed rail runs through the entire city, with a total mileage of over 500 kilometers. With so many high-speed rail stations and such a long mileage, a large number of laborers are required to participate in the management, operation, maintenance and construction of high-speed rail. Provide more employment opportunities for urban development, reduce the unemployment rate, and promote the development of the urban economy. The Hefei Municipal Government has optimized its talent policy, introduced high-quality college students and high-level teams, and increased more than 300,000 jobs for talents. With the development of Hefei's high-speed rail economy, more jobs have emerged, retaining more people in Hefei. According to the "2022 Hefei Municipal Government Work Report" data, 3.477 million new urban jobs have been created, and the urban unemployment rate is only 2.8%, which is lower than that of the previous year, and the employment problem has been solved to a certain extent.

2.4. Connect with Surrounding Cities to Promote the Development of Economic Connectivity in Hefei

The development of high-speed rail has promoted the connection between Hefei and surrounding cities. At present, it has connected with four municipalities directly under the central government, the Yangtze River Delta region, and the Pearl River Delta, shortening the time and space distance with various places, and can reach Nanjing, Shanghai, Hangzhou,

Zhengzhou and other places within 3 hours, The urban economy also develops in harmony with these cities, and the "same city effect" is remarkable. In addition, it also promotes the expansion of Hefei's economic circle, interconnects with other cities around Anhui Province, plays the leading role of the provincial capital of Hefei, radiates the economic development effect of Hefei, and promotes the economic development of Wuhu, Anqing, Chuzhou and other cities.

3. Challenges

3.1. Impact the Development of Other Transportation Modes in the City

Unlike other cities that are still pursuing the construction of a "m-shaped" high-speed rail network, Hefei's high-speed rail is seeking a "clock-shaped" development. Compared with the "m-shaped" high-speed rail network, there are now 14 high-speed rail (train) station, the mileage of high-speed rail is 524.3 kilometers, and all counties have high-speed rail lines. Such a huge high-speed rail network will undoubtedly impact the development of other transportation industries and compete with aviation, subways, and passenger transportation. Compared with air travel, high-speed rail is more convenient and more favorable, and its development has an impact on short-distance air transport. Compared with road passenger transport, high-speed rail is faster and more comfortable, and it also has an impact on passenger transport. At present, Hefei City has 5 lines of underground urban rail transit in operation, running through Hefei City. However, the high-speed rail network also connects Hefei. All counties currently have high-speed rail stations. For example, from downtown Hefei to Feidong County, people prefer the eight-minute high-speed rail station to the one-hour subway. The development of high-speed rail has great impact on urban underground rail transit. development is also impacted. On the whole, the gradual improvement of Hefei's high-speed rail has the greatest impact on road passenger transport, followed by aviation and subway.

3.2. Accelerate the Flow of Factors and Increase the Pressure of Regional Competition

The increasingly perfect high-speed rail network has accelerated inter-regional exchanges, and while promoting the coordinated economic development of various regions, it has also intensified the pressure of competition. The interconnection between Hefei City and the Yangtze River Delta region promotes the flow of talents. Many choose Nanjing, Shanghai and other cities for development, and the number of talents in Hefei has decreased to a certain extent. For example, the only 985 institution in Anhui Province, the University of Science and Technology of China, is located in Hefei City. It also provides a large number of human resources for Hefei City and promotes the construction of Hefei Science and Technology City. However, its graduates tend to choose to go to big first-tier cities such as Beijing and Shanghai for development when they graduate, leaving fewer talents. In addition, capital and information elements flow to cities with better investment environments, which poses certain challenges to the development of Hefei. Hefei City is open and integrated with other cities in the Yangtze River Delta Economic Belt, and the competition among its industries has not stopped. The high-speed rail connection has increased the pressure of industrial competition. Hefei City must adjust and adjust its industrial structure to enhance its competitive advantages. Survive the tide of competition and seek new development under the wave of the new era.

3.3. The Loss of Resources is not Conducive to Economic Development

The "economic distribution effect" of transportation infrastructure in new economic geography shows that the improvement of inter-regional transportation infrastructure will not only promote economic growth, but also promote the spatial transfer of economic resources and other factors. Although Hefei is a relatively developed city, the siphon effect of the opening of

the high-speed rail also affects the flow of high-level talents to more developed areas such as Nanjing and Shanghai to a certain extent.

4. Countermeasure Analysis

4.1. Adjust the Development of Other Transportation Modes in the City

With high-speed rail as the core, coordinate the development of other transportation industries. Give full play to the advantages of each mode of transportation, find their own focus for development, and compete reasonably. Highway passenger transport takes advantage of its own flexibility and develops in coordination with high-speed rail to ensure transportation in urban and rural areas that are not covered by the high-speed rail network, and to connect the transportation needs of various places. Air transport focuses on its own advantages of high speed, optimizes services, does a good job in the medium and long-distance transport market, and improves its own competitiveness. Based on the advantage of convenience, the subway takes advantage of its proximity to people's living areas and becomes the main way for people to travel between cities. High-speed rail forms a dislocation competition with these modes of transportation, giving full play to the advantages of connecting with surrounding cities and serving transportation between provinces. Adjust the development of other modes of transportation to avoid the formation of vicious competition and promote the high-quality development of the urban economy.

4.2. Optimize Resource Allocation and Promote Industrial Transformation and Upgrading

The development of the high-speed rail economy has brought new opportunities for urban economic development, and the integration of cities and high-speed rail has developed. Give full play to its own advantages, connect with first-tier cities in the Yangtze River Delta Economic Belt, promote resource flow, carry out cooperation, and innovate and coordinate development. Pursue higher quality economic development. Vigorously develop the tertiary industry and improve the quality of economic development. Relying on high-tech industrial parks and government policies to attract capital and talent inflows, build its own advantages, and drive the industrial development of Hefei. Make good use of regional advantages, communicate and coordinate development with various regions, avoid vicious competition, and rely on the high-speed rail economy in the new era to help Hefei's economy to a higher level.

4.3. Reasonably Plan the Industrial Layout and Increase the Introduction of Talents

The high-speed rail plays a guiding role in the economic development of a region. After the completion of the high-speed rail, a high-speed rail economic zone will be created, attracting real estate, education, medical care, entertainment and other industries to gather. It is necessary to rationally plan the layout of the high-speed rail to promote the balanced development of the urban economy. At the same time, it is also necessary to take into account Hefei's urban economic radiation and driving role, take care of the economic development of other cities in Anhui Province, communicate with them, carry out reasonable industrial distribution, optimize the industrial structure in the province, and promote common development. It is also necessary to increase the introduction of talents to meet the talent gap for high-tech development and provide new ideas for the new development of Hefei. Reasonably plan the layout and increase the introduction of talents so that the high-speed rail economy can better support the high-quality development of the urban economy.

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References

- [1] Chinese Academy of Social Sciences Xi Jinping Thought Research Center for Socialism with Chinese Characteristics in the New Era. Leading the new stage of high-quality development with new development concepts [N]. Economic Daily, 2021-02-03(10).
- [2] Lu Yonggang, Wu Yongmin. High-speed rail effect and the reshaping of the economic and geographical pattern of the Yangtze River Delta: From the perspective of the new industrial revolution [J]. Modern Economic Discussion, 2019 (09).
- [3] Chen Ruochen, Sun Jianping. Research on the accessibility and economic linkage pattern of the Hefei metropolitan area under the background of high-speed rail based on GIS [J]. Information System Engineering, 2021 (07).
- [4] Xue Ziqing. Research on high-quality economic development in Anhui Province [D]. Jilin University, 2022.
- [5] Liu Yuping. A Review of Research on the Impact of High-speed Rail on High-quality Economic Development [J]. Journal of China West Normal University (Philosophy and Social Sciences Edition), 2022(06):59-69.
- [6] Ma Hongmei, Hao Meizhu. Research on high-speed rail construction, regional tourism and high-quality economic development--Taking the Guangdong-Guizhou-Guizhou high-speed rail economic belt as an example [J]. Chongqing Social Sciences, 2020(02): 79-90.