

Influence of the Development of Smart City Group on the Regional Economic Growth

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Abstract

The development of smart city cluster mainly improves the efficiency of information transmission between cities, promotes the cooperation of enterprises among cities and information sharing between governments, and makes full preparation for promoting the economic growth of each city region. Based on the concept of sustainable development, this paper analyzes the impact of the development of smart city clusters on regional economic growth, and discusses the path selection of the development of smart city clusters to promote regional economic growth.

Keywords

Smart city; Regional economic growth; Collaborative cooperation.

1. Introduction

The development of smart city cluster is to use advanced information and communication technology to combine multiple cities or towns in a space into a cluster. In this region, digital, networked and intelligent application networks are used to improve the quality of life of residents, improve the efficiency of information transmission between cities, and promote the collaborative cooperation of enterprises and information sharing between governments. The cooperation and exchange between local governments and enterprises have been strengthened, so as to promote regional economic growth.

2. The Influence of the Development of Smart City Group on the Regional Economic Growth

2.1. Promote Regional Economic Development by Optimizing Industrial Structure and Expanding Social Employment

The development of smart city cluster can promote the optimization and upgrading of the industrial structure of each region in combination with the actual situation, and transform the industrial structure from the traditional extensive industry to the knowledge intensive, technology intensive and green energy-saving industries. And through the optimization of industrial structure to expand social employment, promote regional economic development.

2.2. Improving Information Transfer Efficiency and Resource Allocation Efficiency through Digital Network Technology

At present, the positioning and operation mechanism of many urban financial industries still rely on indirect financing system, mainly based on the principle of sound operation, and the efficiency of the operation mode is very low. These factors increase the financial risk and operation difficulty, which is not conducive to technological innovation. Therefore, the development of smart city cluster should strengthen the construction of digital network, improve the efficiency of information transmission, promote the development of direct

financing system, reduce the cost of social financing, and improve the efficiency of resource allocation so as to promote the development of regional economy.

2.3. Promote Cooperation between Local Governments and Enterprises through Digital Informatization

In the development process of smart city cluster, the cooperation between local governments and enterprises should be promoted through digital information technology, and local governments should make clear their own positioning, reduce unnecessary intervention on the subject of scientific and technological innovation, guide and encourage the innovation activities of relevant subjects by improving the efficiency of financial funds and the implementation of preferential policies, and enhance the internal power of information technology development to promote the region. In addition, the government should strive to create a good external financing environment, improve intellectual property protection and other relevant laws and regulations, ensure the healthy and efficient operation of the financial market, and promote the coordinated development of the financial system and technological innovation.

2.4. Use Smart City Construction to Promote the Rapid Development of Emerging Industries

In the process of building smart city cluster, we should cultivate new advantageous industries, emphasize and support the leading position of enterprises in the process of continuous innovation, and explore and cultivate the core competitiveness of smart industry. Through the development of smart industry and the formation of smart industry chain, we will open up new fields of smart industry. Promote the rapid development of emerging industries, expand the demand of residents in these areas, and promote regional economic growth.

2.5. Promoting Industrial Agglomeration through the Construction of Smart City Cluster

Through the construction of smart city cluster, the emerging industries gather in a region as the center, which is conducive to the exchange and cooperation between enterprises, further reduce the production cost of enterprises, improve the efficiency of information exchange, and effectively use the spatial spillover effect to promote the economic growth among regions.

3. Conclusion

3.1. Effective Use of Scientific and Technological Innovation to Improve the Efficiency of Information Transmission

The development of smart city cluster should be driven by scientific and technological innovation, based on the Internet of things, cloud computing, sensor network, big data and other science and technology, integrate various technologies into the construction of smart city cluster, apply the latest technologies to the construction and economic development of smart city cluster, effectively use scientific and technological innovation to improve the efficiency of information transmission, promote the development of direct financing system, and reduce the society Financing cost, improve the efficiency of resource allocation and promote the development of regional economy.

3.2. Improve Information Infrastructure to Improve Resource Allocation Efficiency

Information infrastructure is the foundation of building smart city cluster, and the development of information industry can greatly improve the efficiency of resource allocation. By improving the information infrastructure to promote the development of smart city cluster, reduce human

and equipment costs, improve total factor productivity, create higher quality economic benefits for producers and society, and prepare for the construction of deeper application system.

3.3. Fully Consider Various Factors to Promote Regional Economic Growth

The construction of smart cities in various regions should take industrial transformation and upgrading as the main direction, gather scientific and technological innovation resources, build a highland for scientific and technological innovation talents, support the smart industry to become the core growth pole of urban economy, lead life with innovative elements and smart elements, strengthen the life concept of intelligent, low-carbon and environmental protection, create a more comfortable, convenient and humanized life style, and strive to create smart city.

3.4. Improve the Construction Efficiency of Smart City Cluster in Combination with Local Advantages and Characteristics

The construction of smart city cluster should combine the regional advantages, historical and cultural characteristics, social forms and economic basis of the region, and formulate the construction planning and development strategy of smart city cluster from the perspective of long-term development and in accordance with local conditions. The planning should be based on the actual needs and development characteristics of the city, avoid the geographical location, resource and environment limitations of the region, improve the construction efficiency of the smart city cluster and reduce the construction cost by giving full play to the geographical and industrial advantages, so as to prepare for the promotion of regional economic growth.

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