

Integrated Development Measures of Smart City Construction and Regional Industrial Economy

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Abstract: Promoting the construction process of smart city with high quality can basically be regarded as an important measure to implement the new development concept and build a new pattern of dual cycle development in the new era. Presently, to deeply promote the healthy and sustainable development of smart city construction, in addition to leading the transformation of urban development with information innovation, more attention should be paid to the integration of smart city construction and regional industrial economy so as to fundamentally consolidate the power of smart city construction. In light of this, combining the concept of smart city and regional industrial economy, this paper mainly summarizes and analyzes the measures for the combined development of smart city construction and regional industrial economy in the new era.

Keywords: Smart City Construction; Regional Industrial Economy; Integrated Development

Introduction

During the 14th Five Year Plan period, the late-model smart city construction should always adhere to the emphasis on people-oriented, focusing on the scientific deployment of a series of work contents such as urban planning, construction and management. In the process of deployment and optimization, we need to take demand-pull as the foundation, data integration as the core, focus on the implementation of smart city construction and development in the new era, and try to fundamentally help the modernization of urban governance and personalized service development. Among them, in order to ensure that the regional industrial economy can show a sound development trend under the background of smart city construction, relevant government departments should strengthen the attention to the coordinated development of smart city construction and regional industrial economy. In the specific implementation process, we should take the initiative to strengthen the integrated development of new technology and the real economy from multiple levels to ensure that the regional economy can achieve high-quality development goals.

1. Current Situation Analysis on the Smart City Concept and Regional Industrial Economy Development

1.1 Smart City Concept

Smart city, relying on the new generation of integrated information technology, can basically be understood as an important means to promote urban planning, construction and other management work to achieve the goal of intelligent management and intelligent service. Among them, the so-called new generation integrated information technology is mainly for emerging technologies such as the Internet of Things, cloud computing and big data. From the perspective of technological development, smart city construction is required to use the new generation of information and communications technology to achieve comprehensive perception, ubiquitous interconnection and other application functions, and strive to build an intelligent and digital urban construction system.

From the perspective of social development, by utilizing relevant theories, tools and methods, smart city can achieve the core goal of sustainable innovation and development from the aspects of social internet to smart home. Objectively speaking, implementation of smart city construction with high-quality is not only the mainstream trend to achieve the goals of urban sustainable development and information society development, but also a strategic choice to improve China's

comprehensive competitiveness, which has important feasibility value. Smart city construction is not only the need to achieve sustainable urban development and information technology development, but also the strategic choice to improve China's comprehensive competitiveness.

1.2 Current Situation of Regional Industrial Economy Development

In recent years, with the continuous promotion of China's high-quality economic development process, China's industrialization development speed has been significantly accelerated, and its core competitiveness and comprehensive development ability have been significantly enhanced. Under such a development background, the development mode and concept of regional industrial economy in China have changed significantly. For example, in the context of the new era, China's scientific and technological development continues to accelerate, and the scientific and technological content continues to strengthen, which provide sound development opportunities for China's agricultural industry and other industries. Meanwhile, with the assistance of new technologies and new ideas, China's traditional industrial model has gradually upgraded into a high-tech industrial model, which lays a solid foundation for promoting the healthy and sustainable development of China's industrialization process.

At present, with the in-depth promotion of smart city construction process, the integration trend between China's new technology and the real economy is becoming more and more obvious. Under such a development background, the regional industrial economy must be based on the background of smart city construction, strengthen the integrated development with new technologies and new ideas and methods, ensuring that China's regional economy can show a sound development trend. Combined with the integration situation, through technological empowerment, the regional industrial economic model has brought great changes in urban infrastructure and urban and rural landscape. In addition, the development of various industries in China's cities and towns continues to be sped up, and gradually changes from the original traditional production mode to a new industrial mode, intelligent agriculture and unmanned factories are the common ones.

2. Analysis of the Integrated Development Measures of Smart City

Construction and Regional Industrial Economy

During the 14th Five Year Plan period, in order to help the development process of smart city construction and regional industrial economy, relevant government departments and enterprises in relevant industries should take the initiative to make up for the shortcomings existing in the current smart city construction and regional industrial economy based on the development background of the new era. In particular, the current problems of low efficiency of collaborative management and weak ability of industrial scientific and technological innovation should be properly dealt with so as to fundamentally consolidate the strength of the integrated development of smart city construction and regional industrial economy.

2.1 Build a Coordinated Management Relationship and Jointly Create a

New Situation of Economic Development

In the new era, the coordinated development of smart city construction and regional industrial economy should be based on the development trend of new businesses and new business forms, and the development advantages and innovation points of smart city construction and related technologies in the field of digital economy should be deeply excavated, studied and analyzed, so as to jointly promote the coordinated innovation level of regional industrial economy. In the specific implementation process, all provinces, cities and regions should scientifically deploy and accurately implement the key points of smart city construction and regional industrial economic coordinated development, so as to ensure that the strength of smart city construction in all regions and the high-quality development process of regional industries can be comprehensively strengthened.

Besides, during the process of coordinated development, relevant government departments should actively play their macro guidance functions to promote the construction and development of smart cities in an orderly manner. For example, in the top-level design stage, by fully taking various factors of the city, such as cultural and geographical factors into consideration, relevant planners can clarify the urban advantages and related demands, and strive to promote the integrated

development of smart city construction and regional industrial economy from multiple perspectives. Likewise, relevant planners should deeply excavate and analyze the industrial development elements and resource advantages within the region, so as to lay a solid foundation for the smooth development of various production activities in the city as far as possible. In this process, by jointly promoting the innovative development of industrial economy and the construction of smart cities, breakthroughs can be made and the problems of the current shortage of technological resources and weak core technological force in China can be better solved.

2.2 Put the Development of Scientific and Technological Innovation at Priority, Promote the Smart Cities Construction with High Quality and the Development of Industrial Transformation and Upgrading

In order to achieve the integrated development goal of smart cities and regional industrial economy, all regions should attach great importance to the development of scientific and technological innovation. In the specific implementation process, information and communication networks should be coordinately built, and advanced technology can be utilized to create a smart city network with advanced technology and safety and reliability advantages. During this period, relevant enterprises in the region should always adhere to the principle of coordinated development, pay special attention to the development of scientific and technological innovation and technology application in the new era, and jointly build an economic community.

In the specific practice process, we should focus on the combination of new generation of information and communications technology such as 5G (which is the abbreviation of 5th Generation Mobile Communication Technology) and Internet of things technology, etc., to create a new network infrastructure. Through the in-depth application of emerging technology content, the digital transformation of infrastructure can be realized, and the development level of new infrastructure in smart cities can be further promoted. In addition, the transformation and upgrading of scientific and technological application achievements shall be strengthened so as to promote the development of in-depth processing of related industries, and lay a solid guarantee for the healthy and sustainable development of China's industrial economy and agricultural economy.

3. Conclusion

In a word, under the development background of the new era, relevant government departments and industry enterprises should pay more attention to the integration of smart city construction and regional industrial economy. In the process of integration and development, we should focus on supplementing and optimizing the problems of the integration of smart cities and regional industrial economy based on the relevant national policy requirements and industry development trends. By means of scientific and technological empowerment and concept innovation, we will boost the development process of the combination of smart city construction and regional industrial economy from the aspects of top-level design, collaborative promotion and scientific and technological innovation.

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