

Study on the Planning and Design of Characteristic Towns

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Abstract

Characteristic town in China's rapid development, in fact, that's the new choice and attempt for China's current urban and rural development path . As the big cities develop too fast, all kinds of urban diseases become increasingly prominent, traffic congestion, housing prices, fog haze and infrastructure supply is not balanced, these problems make our management of large cities do not care. The resulting population problems are also more serious, the traditional urban development thinking is not able to adapt to China's national conditions, is not conform to the trend of urban and rural development, more and more worth pondering. In this context, the proposed town is a comprehensive summary of China's past urbanization and a positive attempt: we may be through a reasonable urban agglomeration, Multi-scale urban distribution, to promote the development of small towns to better, to promote the real economic development. Through the characteristics of the small town of space and industrial development, to promote the need for lower operating costs of the real economic development, so as to seek a new type of urbanization. At present, for the construction and development of the characteristics of the town, more from the market, capital, economic point of view of the analysis and research, the town of space group characteristics of the study needs to be further strengthened, therefore, this article from the scope of planning Research, with a view to the development of the characteristics of the town to provide more clear space design thinking and path.

Keywords

Characteristic town, unique industry, Green development, space planning, public services.

1. Background and origin

In December 1978, the Third Plenary Session of the 11th Central Committee was an epoch-making important historical node. Since then, the land of China has bathed in the spring breeze of reform and opening up. All walks of life flourished and developed rapidly. The social outlook was changing, especially in all areas of urban construction, The urbanization rate increased rapidly from 17.9% in the early stages of reform to 56.1%[1], and it is expected that the urbanization rate of resident population will reach 60% by 2020[2]. The rapid urbanization process has brought great changes and enhancements to the urban and rural landscape, but has also exposed a lot of problems, and the solution to these problems is imminent. As the large-scale population from rural areas to urban machinery migration, the city scale is constantly expanding, the city's spatial growth boundary in the constant breakthrough, a variety of urban diseases become more prominent and obvious, the other hand, rural areas are declining, because of the lack of labor and abandoned, A lot of farmland is deserted, the village hollow, aging more and more serious. The reason for this phenomenon is compound, there are historical reasons, but also with China has been implemented by the urban and rural planning mechanism has a direct relationship between urban and rural dual structure of the long-term split[3], leading to the passive opposition between the two, The rapid development of the country, of course, has its historical limitations, but the majority of rural areas of the division and disregard, but has caused more and more asymmetric development of the two, the city and the village of the harmonious development of a common social consensus. So the two on the balanced

development of the various theories and practices have emerged, especially for rural areas, but also do a lot of useful explorations, civilized ecological village construction, the construction of new socialist countryside, beautiful villages and other carried out in full swing, and made very great progress and achievements. But author believe that these initiatives cannot be separated from the inherent urban and rural dual structure [3] thinking, more of the rural areas are subsidized concern and development, and did not fundamentally co-ordinate the relationship between the city and the township. With the convening of the Central Urbanization Work Conference in 2013, the new urban-rural relationship has been clearly articulated and positioned. China's urban and rural development has entered a new track, and it has to break the contradiction between urban and rural development which has long been formed. , In essence ,that is to deal with the flow of people, regardless of the city or the township is only the essence of space, the population of the mechanical flow if the guide is reasonable, then the urban and rural problems will be solved, so in this context, the characteristics of the town began to rise and develop rapidly.

2. Connotation and characteristics

So far, the characteristics of the town has no clear concept and definition, the initial is the economically developed areas to solve the development process of the contradictions and the spontaneous practice, It is neither a city nor a village is not a scenic spot ,it is independent In the traditional urban and rural pattern of industrial space group, is in accordance with innovation, coordination, green, open, shared development concepts [4], combined with their own characteristics, identify industry positioning, scientific planning, mining industry characteristics, cultural background and ecological endowment, it is an important function of the platform, It contains: industry, town, population and culture four elements. Itself has a more obvious features: distinctive characteristics, industrial development, green ecology, beautiful livable.

2.1 Distinctive characteristics

The rapid development of urbanization process, making the urban and rural areas in a relatively short period of time has undergone tremendous changes, accompanied by high-speed development with the " The vast majority of cities are exactly the same without its own characteristics " [5], the cities lost their own characteristics, buried their own potential; the village lost the original rustic, quiet and heritage. Therefore, the development of the characteristics of the town must be local conditions, and fully tap their own resource characteristics, economic characteristics, historical characteristics and cultural characteristics, truly highlight the uniqueness and heterogeneity.

2.2 Boutique industry

Characteristics of the town to do fine town, not a simple concept of space, not limited to the organization of space, traffic combing, the form of the building and the population to accommodate elements, more importantly, there is industry, that is, the town should have sufficient economic development driving force, there must be characteristics of the industry as a support, to enable the town to achieve sustainable development, play enough regional functions. Characteristics of the town's industry are the core elements and the development of the soul.

2.3 Green development

Green development concept must be an important indicator of the characteristics of the town, from the town site selection, planning, implementation and other stages should run through the green development concept [6], not only a large number of ecological technology, green measures to achieve the town ecological organic, but also from the perspective of the operation of the town, in the industrial selection on a serious screening, select the green emerging industries as the town's industrial base is to lay a good foundation for long-term development. Characteristics of the town of green are not only trees, lawns, streams, but also should be green industry, green economy and green business. Only in this way, the town can have vitality, in order to achieve sustainable development.

2.4 Graceful town

Characteristics of the town's "beauty" summarized as the ecological beauty, industry beauty and the life beauty, with a good ecological environment as a characteristic of the town to build the foundation, focusing on the town's spatial pattern to do "see the mountain, see the water ", The town of space organization and orderly, the construction of scientific and appropriate fitness; industry choice to be respect for nature, respect for the ecology, respect for the law, strictly abandon the high environmental impact of industrial projects to enter. By balancing the ecological environment and economic development between the good relationship, to achieve the real beauty of the town.

3. Planning principles

3.1 Highlight the industry characteristics

Characteristics of the town to choose a region where the most basic advantages, the most space-growing sub-industry as the main direction, to promote the industry to do fine, so special, and stronger, to create a sustainable competitiveness of the unique industrial ecology.

3.2 Pleasant space scale

In accordance with the principle of saving intensive land use and "multi-regulation and one-off", we will make full use of the environmental resources and resources of the existing blocks and rationally lay the production, life, ecology and culture. Planning must adhere to the concept that involves "innovation, entrepreneurship, living, recreation"etc.,improve the infrastructure, service support and public goods supply.

3.3 Supporting function perfect

Characteristics of the town of functional configuration should take full account of the town's own existing conditions to industrial functions as the leading function, while to meet their development needs of the corresponding complementary functions. Focus on the integration of various types of public service facilities and municipal service facilities, in the functional scale considerations, should not be in accordance with the traditional urban standard planning, response to the future development needs of the town to assess, according to the size of the corresponding facilities to increase the corresponding facilities should also highlight the landscape, Culture, ecology and other characteristics.

4. Planning ideas

The planning and construction of the characteristics of the town is different from the typical urban construction, but not the traditional real estate market behavior, so it is not only the scope of space planning, land use, traffic system, green space system, landscape system planning elements in the town planning process to be a complete embodiment, but more should be from the industrial development and market operation point of view will be rich and enhanced planning content, the real characteristics of the town to create a functional group of urban and rural development, rather than a simple urban construction "enclave".

4.1 Mining of unique resources

The core of the characteristics of the town is the "characteristics", in the early planning of the town, the first should be based on their own comprehensive analysis of resource endowments, research and determine the unique quality of the town, Do not greedy for the whole, to be small and delicate, small and focused, small and unique. Only the uniqueness of the full highlights, the town has a competitive advantage, only with the core attraction, in order to become a leading regional development of the core engine. Such as the frog town, located in Taiwan's Nantou County of Puli, its natural conditions are very good, close to the famous scenic spots "Sun Moon Lake", but people who know it very little, the economy has been very backward, after the earthquake in 1999, a group of people back township to engage in construction, invited a group of experts to do the investigation, the investigation found that "this place close to Sun Moon Lake, but the vast majority of tourists do not know this place,

without humanities, without history, only frogs up to, one of the most special variety - Black Mongolian style Rainbow Frog. So, peach village put the frog when the boss, to create the first frog sightseeing characteristics of the community, and find a group of cartoon experts to find all the frogs, painted a variety of cartoon images, but also to the frog with a very cool the name is "ninja black". Since then, the frog town with its own unique resources as the core, began to carry out the corresponding extension and expansion of the industrial chain, the success of the building to become a very attractive tourist destination.

4.2 Industry selection

Characteristics of the town to achieve scientific landing and healthy development, industrial choice is essential, the town of "special" is precisely because the characteristics of the industry was established, therefore, the town's planning and construction should be fully with the regional land planning, urban system planning and the regional planning and other upper planning convergence, from the perspective of regional development [7], look at the development direction of small towns and path, industrial planning process, not only concerned about the characteristics of the industry itself, but also fully demonstrate the type of industry and characteristics, in the larger urban and rural areas within the scope of the town industry positioning, in the more homogeneous regional development background, to find their own unique advantages, and the depth of mining, to be able to achieve a unique industrial competitiveness.

4.3 Establishment of spatial planning

The characteristics of the town is neither the traditional sense of the town is not a village, Not a traditional town planning area, not a tourist area, but not its reduced version, we must break the inherent urban and rural planning structural thinking mode, in the town space planning should adhere to the operation [8] thinking for analysis and research, such as the location of various types of land use, the size of various types of facilities and so on should be based on the characteristics of the town's industrial development needs for different types of small town characteristics, the implementation of phase corresponding planning strategies, such as industrial towns, space layout should be more consideration of industrial development needs, in the process of spatial resource allocation more corresponding tendency; tourism type of town in the space layout should consider more public service facilities and the size and quantity of tourism reception facilities, while planning and control of tourism resources; scarce resource-based town in the planning process should be more emphasis on the protection of resources, through the town to form a system of institutional and regulatory documents, To achieve the town's healthy and sustainable development. In summary, in the characteristics of the town of space planning process, we must be local conditions, targeted, according to the uniqueness of different towns using targeted spatial layout measures more scientific.

4.4 Increase in public services

Perfect public services, especially higher quality education, medical resources supply is an important factor in enhancing the population concentration of small towns. Planning to promote the public service from the administrative level allocation to the use of population size allocation changes, according to the population growth trends and spatial distribution, the overall layout of the construction of schools, health care institutions, cultural and sports venues and other public service facilities, and vigorously improve public health services such as education The quality and level, to further improve the town service function.

5. Safeguards and Implementation Recommendations

5.1 Subject diversification

Innovative social governance model [9] is the construction of beautiful features small town (town) important content. It is necessary to co-ordinate the enthusiasm of the government, society and people, give full play to the role of social forces, maximize the market vitality and corporate creativity, encourage enterprises and other social organizations to actively participate in urban investment,

construction, operation and management, become beautiful and small (city) town construction of the main force. And gradually form a multi-party participation, benign interaction of modern town operation mode.

5.2 Urban and rural linkage

Beautiful features Small town is an important carrier of radiation to drive new countryside. To co-ordinate the planning of urban and rural infrastructure network, improve the rural infrastructure into a long-term mechanism to promote the extension of urban public services to rural areas, the progressive realization of urban and rural basic public service system, standard uniform. Build a rural industry integration development service platform, promote agriculture and tourism, education, culture, health pension and other industries in depth integration, vigorously develop the new agricultural format. Relying on the advantages of resources, and actively explore new models to undertake industrial transfer, and guide urban funds, information, personnel, management and other factors to rural mobility, promote urban and rural industrial chain two-way extension docking. Promote efficient allocation of urban and rural labor, land, capital and innovation elements.

5.3 Innovation mechanism

The release of beautiful features small town (city) endogenous power depends on the institutional mechanism of innovation. To fully liberalize the restrictions on small towns, and constantly expand the scope of public services. Actively revitalize the stock of land, the establishment of low efficiency to re-develop incentive mechanism. Establish a sound rural migrant worker in rural land contracting rights, homestead use rights, collective income distribution rights voluntary paid circulation and exit mechanism. Innovation and investment financing mechanism, vigorously promote the government and social capital cooperation, encourage the use of financial funds leveraging social funds, co-sponsored the establishment of construction funds. Study the establishment of the national new urbanization construction fund, tilt to support the beautiful characteristics of small (city) town development and construction. Encourage development banks, agricultural development banks, agricultural banks and other financial institutions to increase financial support. Encourage qualified small towns to broaden their financing channels through issuing bonds and other means.

6. Conclusion

The town of "non-town area" is not a town on the administrative divisions, nor is it a district of the industrial park, but is based on the concept of "innovation, coordination, green, open and sharing", focusing on special industries, elements, integration of industry, culture, tourism, community function innovation entrepreneurial carrier. The development of the characteristic town is an important platform to promote the structural reform of the supply side [11]. It is an important starting point for further promoting the new urbanization. China's new urbanization has entered a new stage of development, the development of the eastern, central and western regions is not balanced, the higher degree of urbanization in the region to take the lead in urban and rural areas to carry out structural adjustment and optimization of the attempt, clear thinking, The characteristics of the town is in such a big background, but as rain after the spring-like have appeared in the realization of the exploration process, there are many problems need to be resolved, but the development of the characteristics of the town is bound to China's new town The development of more content and new ideas.

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