Research on Rural Land Consolidation Under the Background of Beautiful Countryside Construction

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Abstract. The continuous development of the city brings the imbalance between urban and rural development, in order to promote rural development, the construction of beautiful countryside, this paper combined with the background of urban and rural development, the rural land consolidation was discussed, and put forward effective measures, hope to be able to provide reference for the long-term development of rural areas.

Key words: beautiful rural construction, The countryside, Land consolidation.

1. The introduction
At present, China's urbanization process is accelerating, although all aspects of rural areas have been developed, but it is still very backward and urban. At present, with the development of economy, various problems have gradually appeared in the countryside, such as the reduction of the quantity of cultivated land, the degradation of the quality of cultivated land, the destruction of the ecological environment and so on [1]. With the proposal of the strategy of revitalizing the countryside and building a beautiful countryside, rural land consolidation has been widely used in the current countryside, and has played a huge role in the practical application. Effective remediation of rural land can further promote the development of irrigation and water conservancy, improve the infrastructure in rural areas, and also help a lot to improve the rural ecological environment. It can effectively meet the relevant requirements of the construction of beautiful countryside, which is of great importance in the construction of new countryside [2]. Therefore, the research on rural land consolidation under the background of beautiful countryside is of great value, which plays a great positive role in the harmonious development of China's economy [3].
2. The connotation of land consolidation and beautiful countryside

2.1. Connotation of land consolidation
From the perspective of land consolidation, it is mainly to carry out comprehensive consolidation in the corresponding areas, combining with the overall planning of land use, strictly according to the specific objectives and uses, adopting effective engineering and biological measures, taking agricultural land as the object, and taking into account the specific conditions in the region [4]. Through the implementation of land consolidation, it can not only effectively improve the quality and area of cultivated land, but also promote the improvement of people's production and life, which is of great significance to the sustainable development of economy.

2.2. The connotation of beautiful countryside
Beautiful villages are mainly manifested in the harmonious development of economy, politics, society and ecological civilization. The construction of beautiful villages mainly involves production development, rich life, local customs and civilization, tidy village appearance, democratic management, livability and so on. It includes the structured villages and natural villages. Since the strategy of building beautiful countryside was put forward, China has started to build villages in all aspects, which is the understanding and observance of the objective laws of nature, the laws of market economy and the laws of social development [5]-[6].

| The principle                                      | Note                                                                                                                                 |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| People oriented, farmers as the main body         | We should give top priority to safeguarding the vital interests of farmers, fully respect their wishes, and take the recognition, participation and satisfaction of the people as the fundamental requirements. |
| Urban and rural integration, coordinated development. | We will put in place a long-term mechanism to promote agriculture through industry and rural areas through urban areas, promote a new type of urbanization and a beautiful countryside in a coordinated way, deepen reform of the household registration system, and strive to build a new pattern of integrated urban and rural economic and social development. |
| Adhere to planning to lead, demonstration drive.  | We will strengthen the leading and guiding role of planning, formulate plans for building beautiful villages in a scientific way, and earnestly implement planning before construction. In accordance with the idea of unified planning, centralized investment and batch implementation, we will adhere to the principle of pilot projects first, carry out the whole process village by village, and improve the complete facilities gradually, so as to ensure that each project is built into another, and prevent the rush to advance blindly. |
| We will give priority to ecology and highlight our distinctive features. | We should make ecological construction in rural areas the focus of building ecologically strong provinces, vigorously carry out afforestation in rural areas, strengthen the protection and restoration of ecological barriers in rural areas, mainly forests and wetlands, so as to achieve harmony between man and nature. |
| We will take measures in line with local conditions and provide guidance based on categories. | In view of the differences in the basis of development, population size, resource endowment and folk culture of different regions, we will strengthen guidance based on different types of development, and take measures tailored to local conditions and villages. |
3. Problems existing in traditional rural land consolidation

3.1. Lack of theoretical research, consolidation mode
As a highly complex and systematic project, rural land consolidation has gradually attracted wide attention from all sides in China, and played an effective role in the process of urban-rural economic integration in China. In order to carry out rural land consolidation smoothly and give full play to its function, it is necessary to have the corresponding theory of man-land relationship, sustainable development and landscape ecology. However, in practice, at the present stage, the theoretical research on these aspects is not rich, and many of the contents are still not paid attention to, and at the same time, these basic theories are not standardized and systematic enough. In this case, in the process of planning and design for rural land consolidation, due to the lack of sufficient theoretical basis, there is no corresponding research to further guide the compilation and implementation of consolidation planning, resulting in a great impact on the development of rural land consolidation, making its system and operability greatly reduced. Due to the lack of sufficient theoretical basis, the innovation of China's regulation model has become difficult to carry out, the regulation effect has appeared "short, flat, fast" problems, did not recognize the rural natural conditions and local needs of the difference characteristics, resulting in the regulation model has become more and more homogenous.

3.2. Lack of spatial logic and weakening of composite functions
In the rural land consolidation, the spatial logic mainly involves the following levels: (1) The spatial level of the town-village system, which is mainly manifested in the need for the regional system view to coordinate the land consolidation projects; (2) The plot level of the remediation project, which mainly involves the regions and remediation types involved in political projects, as well as the conflicts existing in the space and time sequence of the remediation project. The spatial logic relationship between the two is the premise of the rural land consolidation project. However, at present, the current rural land consolidation lacks the understanding of the relationship between urban and rural coordination at the spatial level, and most of the rural land consolidation is only carried out on a single project in a decentralized way. No matter the spatial relevance or functional complementarity of each other, no attention has been paid to it. At the plot level, there are also some irrationality in the arrangement of spatial and temporal sequence of remediation projects, which greatly affect the effect of remediation. At the same time, in the process of implementation of consolidation, the measurement of the composite functions of land is usually carried out through a single dominant function, and there is no scientific quantitative standard to assess the ecological functions of land. The emergence of these problems has greatly affected the effect of rural land consolidation and brought many difficulties to the realization of the goal of building beautiful countryside.

4. Effective measures for rural land consolidation under the background of beautiful rural construction

4.1. Strengthen the leading role of special land consolidation planning
To ensure the smooth implementation of land reclamation project, first of all, there must be a scientific planning, each related department must put rural revitalization strategy in the first place, and strictly carry out the scientific planning, land management concept of sustainable development, and pay attention to the land function of positioning, based on actual situation, the reasonable implementation of land reclamation planning, in order to maximize the implementation of land management and soil, agriculture and complementary wading the various aspects of professional planning, communication and interaction. The spatial layout of farmland protection, infrastructure and land use structure adjustment should be arranged as far as possible. Great attention should be paid to the compilation of plans, the ecological protection and restoration of mountains, rivers, forests and farmland, the principle of land consolidation in accordance with local conditions should be strictly implemented, the specific scale and distribution of land consolidation should be reasonably determined, and the
4.2. Establish the concept of "land consolidation +"

From the perspective of "land consolidation +", it is mainly an advanced form of land consolidation development, which can effectively promote the orderly flow of various elements in urban and rural areas. When carrying out land consolidation in the future, a multi-party "land consolidation +" ecosystem must be established according to the specific situation, so as to create a new pattern of land consolidation that meets the development needs of the new era. First of all, we must pay attention to the integrated consolidation of land, the adjustment of rural land use structure, the upgrading of industrial structure, the organic combination of modern advanced agriculture, so as to promote the common development of urban and rural areas in our country. Second, should work on strategic level, correctly understand and grasp the land reclamation of multi-function positioning, so as to give full expression to the multiple effect of land management, further combining with land reclamation project, ecological landscape, village culture resources development and protection, on the basis of realizing agricultural modernization development, promote the construction of the new type of urbanization, such as culture, education and tourism is rich in a variety of elements into the among them, build a variety of industrial convergence development new pattern, so as to promote the growth of the regional characteristic economy, bring help for the modernization of agricultural production mode. Finally, it is necessary to constantly enrich the implementation mode of land consolidation from an innovative perspective, so as to stimulate the enthusiasm of each participant of land consolidation to the greatest extent.

4.3. Strengthen the integrated management of funds and give play to the superposition effect of funds

In order to better the construction of the implementation of the beautiful countryside, and fully carry out the treatment of rural land, it is necessary to fully consideration of the following three points: first, must attach great importance to the reform on rural agricultural ministries and commissions, the previously covered land, agriculture, forestry, water conservancy, such as the financial industry, the department of agriculture capital to unify, and cultivated land reclamation and new and open all the transfer of the agricultural land to be concentrated, unified by the rural agricultural departments to plan as a whole, to the greatest extent reflects the superimposed effect of money; Secondly, we should grasp the opportunity of land circulation at the present stage, increase encouragement, correctly guide and absorb farmers, enterprises and social funds, comprehensively promote the PPP project financing mode, so as to further promote the raising of land consolidation funds; Finally, it is necessary to understand and understand the policies of linking projects with the increase or decrease of urban and rural construction land and trans-regional transaction of newly added cultivated land indicators, so as to effectively reduce the pressure of land consolidation in terms of funds with the help of these policies.

5. Conclusion

With the proposal of the concept of beautiful countryside construction, more and more attention has been paid to rural land consolidation. In order to realize the harmonious development of rural economy and ecological environment, promote the improvement of rural production and living, improve the rural construction, it must be reasonable use of land reclamation measures, not only beautiful rural construction under the background of the new requirements, is also the inevitable trend of rural development, it can not only promote the demand-supply balance of cultivated land in our country, also can provide safeguard to realize beautiful rural construction, for the present innovation and transformation of rural land management in China has important significance.
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