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MAIN ASPECTS OF MANAGEMENT OF INNOVATIVE DEVELOPMENT OF RURAL INFRASTRUCTURE

The most important strategic priorities for the development of agriculture and agro-industrial sector as a whole in the present conditions are scientific and technological progress and innovation processes permitting to maintain a continuous renewal of production based on the development of science and technology. Also, the effectiveness of promoting scientific and technological achievements in agriculture depends largely on the innovative development of infrastructure in the region.

The occurring process of regionalization of the economy increases the role and responsibility of regions to implement the relevant innovation policy, which should contribute to the reform and revitalization in the area of innovation.

Modernization of the national economy and related socio-economic changes are largely predetermined multiplication of scientific knowledge, innovation and production are necessary conditions of life-support society. Creating a competitive economy is possible by involving innovation factors in the process of socio-economic development, which can solve the problem of leveling spatial disparities. The existing differences in the levels of development of regional innovation are supported by statistics of innovation and research activities in Uzbekistan. It notes the existence of such negative trends as reduction in the number of scientific personnel, relatively low level of innovation introductions, territorial asymmetry in innovation development, decrease in innovative activity in some regions, insufficient demand from the real economy to new technologies, etc. In addition, the current trend is that scientific and technological progress leads to the further deepening of regional differences, the existence of which necessitates the search directions of the development of regional systems that meet the conditions of modernity and socio-economic characteristics of the region.

Agro-industrial complex and its main industry - agriculture, are known to have a number of basic features that define multiple types of innovation. This is due primarily to the biological basis of the industry, a large number of species of plants, animals, and the technological features of production of all varieties of agricultural products in a variety of natural and economic conditions. And the agricultural products itself at the stage of production of certain crops or raising animals to the various stages of harvesting, slaughter and processing, production of the final product requires special technology, its continuous updating and improvement, which is possible only on the base of research results, completing the definition of the result of intellectual activities.

The role of innovation and innovative activity in the development of agricultural production is determined by the fact that only on this base may radical solution of the food problem by successive intensification of agriculture, ensuring the sustainability of the agricultural sector of the economy, improving its efficiency, environmental protection of the environment and the successful resolution of issues of social rural development.

In agriculture, innovation process must solve the following problems:

- maintain the perspective of AIC innovative development and elaborating the methodical bases of strategic planning;
- forming the innovative bank in the sphere of production and recycling of agricultural products;
- certificating innovative projects and elaborating the system of licensing for the innovative activity subjects;
- working out the economic assessment methodology of innovative projects and forming the economic mechanisms of their frequent acquisition;
- elaborating and implementing the methodics of regional programs of innovative development;
- creating convenient conditions for the application of innovative technologies, techniques;

- supporting the agricultural producers methodically, organizationally, judicially and financially in innovative projects.

It is known that the development and widening of infrastructure and its types are directly connected with the introduction of science and technics development into economics spheres.

Innovative development of agricultural infrastructure is the measures system of increasing the level of spherical competitiveness, improving the service quality, raising the profitable rates, investigating scientific research for the purpose of increasing the labour productivity, creating innovations.

In developing the infrastructure, the innovative policy is a part of agrarian innovative policy, and is considered as the form of modernizing the country, creating the innovative strategy to achieve the stimulating and competitiveness results.

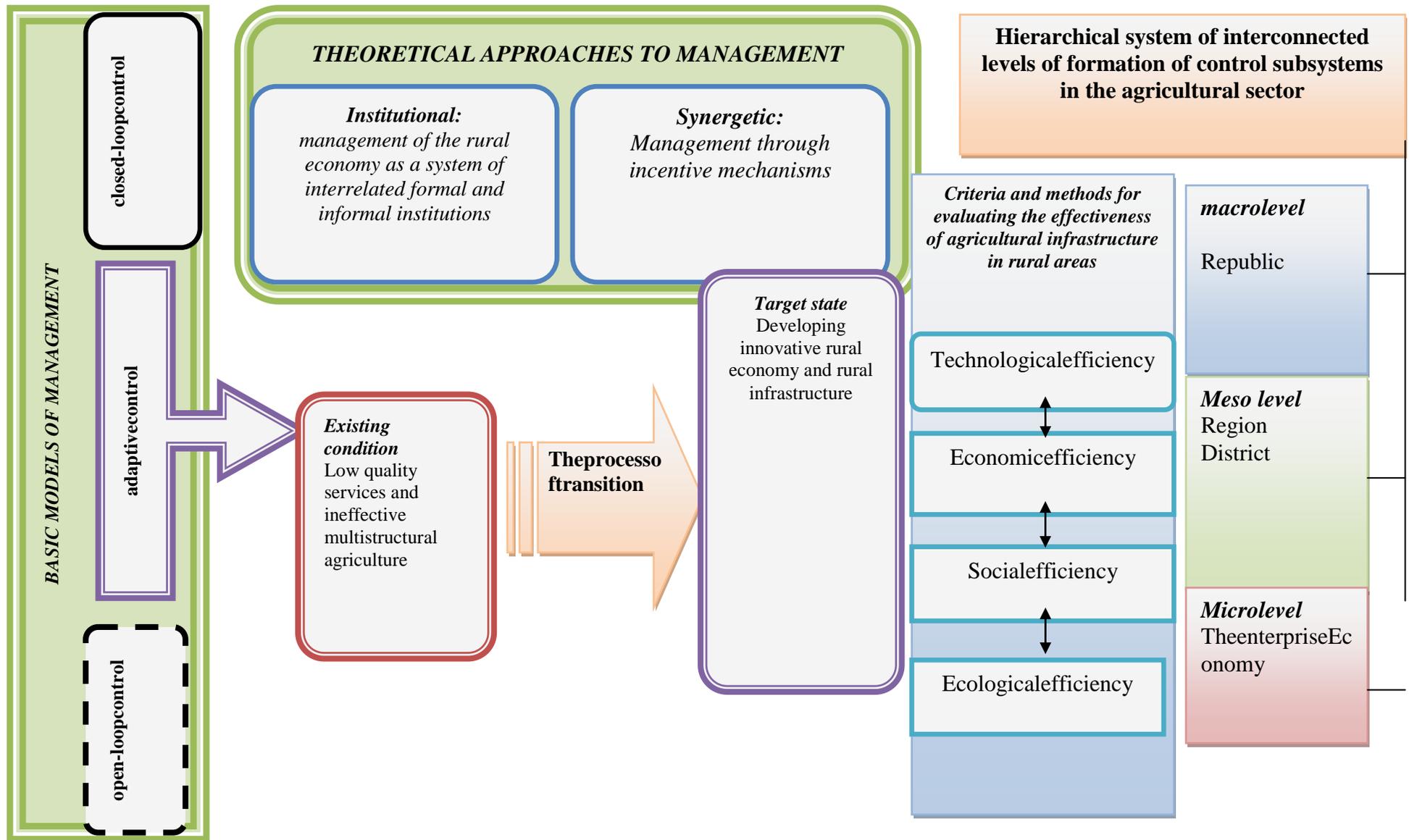
Being the complex of social and economic institutions, the innovative infrastructure supplies with the conditions of fulfilling innovative process on the base of economic effective principles. The management of forming and developing the innovative infrastructure is considered one of the main functions of effective management of agricultural sphere.

Innovative development of rural infrastructure includes several stages: creating of innovation, innovation distribution, innovation and development, the last stage includes the effect of the development of innovation (Table 1).

Table 1.

Stages of innovative development of rural infrastructure.

Stages	Table Of Contents	Performers
<i>Creating innovation</i>	Studying the problem in the industry in the world, offering ideasto the research plan. Conducting fundamental and applied research, performing the development. Regarding the completed scientific and technical developments as intellectual property. Production and sales of high-tech products. Preparing for development of innovation in production.	Research institutions AIC (agrarian science)
<i>Distribution of innovations</i>	Training and retraining personnel of AIC for innovation. Implementing job controls of AIC, promoting the innovation. Information provision of enterprises of different organizational forms in agriculture. Activities of Innovation Development Center (IDC) and the media.	AIC controls together with the creators of innovations
<i>Mastering innovation</i>	Acquiring information on innovation to producers. Organizational-economic mechanism of development of innovation producers. Contractual relations between producers, creators of innovation and IDC. Vigorous activity ofproducers. Effective demand producers on innovation.	Producers together with the creators of innovation and IDC regional agriculture
<i>The effect of the development of innovation</i>	The effectiveness of development of innovations in agriculture is determined by the ratio of additional products or income received by producers,to the cost of creating innovations and their implementation in production.	



1 - Fig. The main elements of the formation of management of innovative development of rural infrastructure and agriculture

In the transition of agriculture and rural infrastructure to innovative development of control system of industry at various levels should take maximum advantage in the management of agricultural economists as an open system with synergistic properties. Generalization of all the above approaches, principles, models and methods made it possible to form a new methodological tools of management of agriculture and rural infrastructure in the transition to innovative development (Fig. 1).

The proposed methodological way combines institutional and synergistic approaches to management; takes into account the system properties of the rural economy as a complex object management; based on the methodological principles of management (systemic relationships, social priority, institutional coherence, comprehensiveness and continuity); focuses on the pre-emptive use of models of adaptive control system and includes criteria for integrated assessment of various types of agricultural efficiency and rural infrastructure at different levels of government. This methodological tool is the basis for - the formation of a control system that can lead modern multistructure and mainly inefficient agriculture to the innovative type of development, the state of a dynamic innovative rural economy, better use of bio-climatic, land, labor, material, technical and financial resources. Using institutionalism as a basic theory will allow to involve in the management of not only formal but informal institutions.

Synergistic approach to management involves the search for alternative ways of achieving goals in a shorter period of time by using the mechanism of resonant excitation of growth points of modern agrarian economy. The correct choice of points of growth and key areas of development will enable to receive a synergistic effect, providing a better return

on invested funds in the current context of limited resources and dynamic promotion of innovation in the agricultural sector.

To ensure the innovative development of rural infrastructure and agriculture, it is necessary to have an effective system of management of innovation processes in the agricultural sector, which is due to the complexity of forming not only the specific features of the industry, but also the character of the innovation processes in agriculture. Fundamental principles of modern methodology of innovation management in agriculture is of importance to divide the innovation process into 2 stages: 1) creating and developing the innovation; 2) mass distribution of innovation. In our opinion, such an approach is necessary due to the fact that, firstly, a large number of the last consumers of the innovation - agricultural producers, doesn't permit directly to the mass reproduction of innovation, without first testing in special enterprises; Secondly, the division of the total innovative process into two steps will allow innovators to organize a better group of participators of innovative activity according to the consumers of each stage of innovation technologies and particularly their distribution.

Аннотация

ҚИШЛОҚ ИНФРАТУЗИЛМАСИНИ ИННОВАЦИОН РИВОЖЛАНТИРИШНИНГ АСОСИЙ ТАМОЙИЛЛАРИ

Мазкур мақолада қишлоқ инфратузилмасини инновацион ривожлантиришни бошқаришнинг асосий тамойиллари келтирилган бўлиб, унинг асосий босқичлари таҳлил қилинган ҳамда қишлоқ инфратузилмасини инновацион ривожланишини бошқариш тизимини шаклланишининг концептуал йўналиши ишлаб чиқилган.

Аннотация

ОСНОВНЫЕ АСПЕКТЫ УПРАВЛЕНИЯ ИННОВАЦИОННЫМ РАЗВИТИЕМ ИНФРАСТРУКТУРЫ СЕЛА

В данной статье раскрыты основные аспекты управления инновационным развитием инфраструктуры села, анализированы основные его этапы, а также разработаны концептуальные основы формирования системы управления инновационного развития инфраструктуры села

MAIN ASPECTS OF MANAGEMENT OF INNOVATIVE DEVELOPMENT OF RURAL INFRASTRUCTURE

This article covers the main aspects of the innovative development of rural infrastructure, analyze its main stages, as well as developed conceptual bases of formation of a control system of innovative development of rural infrastructure