

DOI: [https://doi.org/10.18371/fp.4\(40\).2020.221765](https://doi.org/10.18371/fp.4(40).2020.221765)

УДК 336.226.322

**PRIORITY DIRECTIONS OF INNOVATIVE AND TECHNOLOGICAL
DEVELOPMENT OF THE AGRO-INDUSTRIAL
COMPLEX OF KAZAKHSTAN**

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Abstract. *This article substantiates the priorities of innovative and technological development of the agro-industrial complex of Kazakhstan at the present stage. The scientific and innovative infrastructure of the country's agro-industrial complex, including agriculture, demonstrates a low ability to develop a critical mass of innovative technologies developed by domestic scientists and implemented in production. In order to solve these problems, we conducted a theoretical study of the possibilities of using the mechanism of public-private partnership and developing the activities of centers for the dissemination of innovative knowledge.*

Keywords: *agro-industrial complex, agricultural science, innovation, technologies, dissemination of innovation.*

The sphere of the agro-industrial complex (AIC) ensures the satisfaction of the primary needs of the population and the possibilities of sustainable development not only of the complex itself, but also of

the national economy of Kazakhstan as a whole depend on its innovative potential.

Further development of innovations and assistance to technological modernization of the agro-industrial complex of Kazakhstan should be aimed to sustaina-

ble development of agro-industrial enterprises through:

- orientation of applied science to the tasks of modernizing agriculture, creating an effective system for generating and using innovation in the rural economy;

- formation and development of a management system for innovation and technological development, including a system of technological forecasting and planning, development and implementation of innovation and technological development programs for the agro-industrial complex of Kazakhstan;

- development of a system for promoting technological modernization of agriculture, including conducting a technological audit, transfer of foreign technologies, promoting the introduction and dissemination of technologies, commercialization of technologies;

- creation of a network of high-tech demonstration sites, model educational farms, joint ventures, start-ups together with national and large foreign companies to disseminate innovative knowledge among farms.

New opportunities for innovative and technological development of the agro-industrial complex and stimulating demand for innovations in the agricultural sector are opened by public-private partnerships (PPPs), which:

- provides a greater return on research funding and allows to successfully resolve issues of further commercialization of its results;

- helps to attract private sector representatives for expertise and create a competitive environment for holding open and transparent tenders in the implementation of innovative projects in the agricultural sector;

- distributes responsibility between partners, where the state sets the goals of the project in accordance with state interests and determines the parameters of cost and quality, controls the implementation of projects, and the private partner takes over the operational activities at different stages of the project - development, financing, construction and operation, administration, practical implementation of services to consumers.

Among the priority measures to solve the problems of innovation and technological development of the agro-industrial complex of Kazakhstan, it is proposed to: 1) create a network of specialized organizations for the development and dissemination of innovative knowledge in the agro-industrial complex; 2) involve in the financing of agricultural scientific research of the entrepreneurial community within the framework of PPP real mechanisms and levers.

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