

## Modern approaches to the innovation process in the agro-industrial complex

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### Abstract

**Subject / topic.** The topic of this article is the key aspects of the innovation-oriented development of the Russian agro-industrial complex. The subject of the research is the technologies and management processes of innovative breakthrough development of agro-industrial enterprises. **Goals / objectives.** The aim of the study is to identify priority technological solutions that can ensure the elimination of accumulated problems in the field of animal husbandry. The main tasks were to analyze trends and patterns of development of the Russian agro-industrial complex, to study foreign experience in introducing innovations, and to determine the potential for using foreign innovative solutions in the conditions of Russian agriculture. **Methodology.** This article is based on a set of research methods: analytical, statistical, comparative, including the content analysis of Russian and foreign sources on the topic of the work. **Results.** The data obtained indicate that the Russian agro-industrial complex has a significant, but unused, production potential. To fully master the accumulated potential, innovative solutions are needed that are oriented to the medium and long term. **Conclusions / significance.** In the Russian agro-industrial complex, a number of problems have accumulated that do not allow the implementation of an innovative breakthrough development scenario, but the main deterrent is the unwillingness of agricultural entrepreneurship to make long-term investments in science-intensive technologies. Therefore, the main conclusion is that it is necessary to create specialized training centers for the development of specialized entrepreneurial competencies for agriculture and agro-industrial production. Application. The findings and results of the study can be used to develop regional and local programs to stimulate entrepreneurial activity in the field of agriculture and agro-industrial production.

**Keywords:** *innovations, technologies, scientific and technical progress, economic efficiency, process, implementation, costs, investments, agrarian and industrial complex, entrepreneurship*

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