

Improving the economic mechanism for stimulating innovation in aviation industry enterprises.

Sodikbekova Zukhra Saidaminovna

Assistant at the Department of “Social and Humanitarian Sciences and Economics” at the Tashkent Branch of the Federal State Budgetary Higher Education Institution “National Research University MEI”,

Aannotation:

The aviation industry is a high-technology sector characterized by intensive innovation processes, significant capital requirements, and elevated risk levels. Sustainable development and international competitiveness of aviation industry enterprises largely depend on the effectiveness of economic mechanisms that stimulate innovative activity. This study examines the existing economic mechanisms for encouraging innovation in aviation enterprises and identifies key challenges limiting their efficiency. The research focuses on financial, fiscal, investment, and institutional instruments used to support research and development, technology transfer, and the commercialization of innovative products. Based on a systematic analysis and international best practices, recommendations are proposed to improve the economic mechanism for stimulating innovation, including the enhancement of state support measures, optimization of tax incentives, expansion of innovation-oriented investment tools, and strengthening public–private partnerships. The implementation of an integrated and flexible incentive system will contribute to increased innovation activity, improved technological performance, and sustainable growth of aviation industry enterprises.

Keywords: aviation industry; innovation stimulation; economic mechanism; research and development; investment policy; state support; technological competitiveness; public–private partnership.

Introduction:

The aviation industry is one of the most knowledge-intensive and high-technology sectors of the global economy. Its sustainable development largely depends on the continuous introduction of innovations aimed at improving flight safety, reducing operating costs, enhancing environmental performance, and increasing international competitiveness. In this context, the effectiveness of economic mechanisms that stimulate innovation activity in aviation industry enterprises becomes a key factor determining long-term growth and technological advancement. Innovation processes in aviation enterprises require significant financial resources, long development cycles, and high levels of risk. Therefore, market mechanisms alone are often insufficient to ensure an adequate level of innovative activity. This necessitates the

development and improvement of a comprehensive economic mechanism that combines financial, fiscal, investment, and institutional instruments to stimulate innovation. Such mechanisms should create favorable conditions for research and development (R&D), facilitate the commercialization of innovative products, and encourage cooperation between industry, research institutions, and the state.

Conclusion:

In conclusion, the improvement of the economic mechanism for stimulating innovation in aviation industry enterprises is a critical prerequisite for increasing technological competitiveness, ensuring sustainable development, and strengthening positions in the global aviation market. The implementation of an integrated and flexible incentive system will contribute to the acceleration of innovation processes and the successful modernization of the aviation industry.