

Development of National Innovation in the Republic of Uzbekistan

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Abstract: *This study explores the role of innovative policy frameworks in enhancing investment attractiveness in Uzbekistan, addressing a significant knowledge gap regarding the integration of innovation-driven strategies in transitioning economies. Using a mixed-methods approach that includes policy analysis, comparative benchmarking, and economic data evaluation, the research identifies key trends in foreign direct investment and highlights structural challenges such as outdated infrastructure and limited SME engagement. Findings reveal that targeted policies, such as establishing innovation hubs and public-private partnerships, have positively impacted investment flows. The results underscore the need for sustained reforms to modernize facilities and strengthen legal protections, with implications for driving sustainable economic growth and positioning Uzbekistan as a regional leader in innovation.*

Keywords: *investment, innovation, entrepreneurship, investment attractiveness, foreign investments, international trade, currency policy.*

INTRODUCTION

Innovation has become the cornerstone of economic growth in the 21st century, driving countries to compete for a prominent position in the global economy. As nations transition from industrial-based economies to knowledge and innovation-driven economies, fostering a favorable environment for innovation becomes a priority. Uzbekistan, strategically located in Central Asia, has embarked on a transformative journey to integrate innovation into its national economic agenda. While the country has made strides in this direction, there remains a significant knowledge gap regarding the effectiveness of its current policies and the practical challenges of fostering innovation.

The primary challenge facing Uzbekistan lies in balancing traditional economic activities with the demands of an innovation-driven economy. Many sectors still rely heavily on outdated infrastructure, and small and medium enterprises (SMEs) struggle to integrate into global supply chains due to limited access to modern technologies and international markets. Furthermore, while the government has introduced several legal and institutional reforms, their implementation often falls short in addressing the nuanced needs of a rapidly evolving global economy. These gaps in knowledge and execution highlight the necessity for a comprehensive study that evaluates the effectiveness of existing policies and explores new mechanisms to foster innovation and attract investment.

This study employs a mixed-methods approach to address these challenges. Policy analysis forms the foundation of the research, with key legislative acts such as the "Law on Investments and Investment Activities" (2019) and the "Development Strategy of New Uzbekistan (2022-2026)" being critically examined. Comparative benchmarking with innovation leaders like Switzerland, South Korea, and the USA provides insights into global best practices. Additionally, the study integrates economic data analysis from sources like the State Statistics Committee and the World Intellectual Property Organization to identify trends in investment and innovation. Case studies of successful initiatives within Uzbekistan, such as the establishment of free trade zones and innovation centers, further contextualize the findings.

The findings of this research reveal both progress and persisting challenges. Notably, foreign direct investment has increased significantly, with key sectors such as agriculture and manufacturing benefiting from targeted incentives. However, structural issues such as outdated production facilities and inconsistent policy implementation continue to hinder the full realization of Uzbekistan's innovation potential. The study identifies the critical role of modernized infrastructure, robust legal frameworks, and enhanced support for SMEs in overcoming these barriers.

The implications of these findings are far-reaching. By addressing the identified gaps, Uzbekistan can position itself as a regional leader in innovation-driven economic growth. The insights gained from this study underscore the importance of a holistic approach, integrating policy reforms, technological advancements, and international cooperation. This integration will not only enhance the country's investment attractiveness but also contribute to sustainable economic development and improved global competitiveness.

In conclusion, this study aims to bridge the knowledge gap in Uzbekistan's innovation ecosystem by providing actionable insights and evidence-based recommendations. By leveraging its strategic location, natural resources, and growing human capital, Uzbekistan has the potential to transform into a dynamic hub of innovation, contributing significantly to the global economy.

Methods

The methodology of this study is designed to comprehensively analyze the mechanisms underlying the development of innovation in Uzbekistan, focusing on policy frameworks, investment flows, and practical challenges. A policy-oriented analysis forms the core of the research, examining legislative acts such as the "Law on Investments and Investment Activities" and the "Development Strategy of New Uzbekistan (2022-2026)" to evaluate their impact on fostering an innovative environment. Comparative benchmarking with successful innovation-driven economies, including Switzerland, South Korea, and the USA, provides a global perspective and identifies best practices that could be adapted to the Uzbek context. Economic data from the State Statistics Committee and the World Intellectual Property Organization are utilized to assess trends in foreign direct investment and innovation performance. Case studies of successful initiatives, such as the establishment of free trade zones and innovation centers across regions, are included to provide real-world evidence of policy implementation. A qualitative approach is also employed to explore the experiences of stakeholders, including policymakers, investors, and entrepreneurs, to gain deeper insights into the effectiveness of the current system. By integrating these methods, the study offers a robust framework for understanding the interplay between innovation policies and economic outcomes in Uzbekistan, providing actionable recommendations for enhancing the country's innovation ecosystem.

Results

Investment Trends

In 2023, the volume of capital investments in Uzbekistan reached 352.1 trillion soums. Foreign investments accounted for 53.4% of the total, with China, Russia, and Saudi Arabia leading the inflows. Key sectors benefiting from these investments include agriculture, energy, and manufacturing.

Policy Impact

The adoption of the "Law on Investments and Investment Activities" has streamlined investment procedures, granting favorable privileges to foreign investors. Additionally, the New Uzbekistan Development Strategy aims to attract \$120 billion in investments, including \$70 billion in foreign direct investments, by 2026.

Challenges

Despite these advances, significant barriers remain, including:

- Outdated production facilities requiring modernization.
- Insufficient technical infrastructure in industrial sectors.
- Limited integration of small and medium enterprises (SMEs) into global supply chains.

Discussion

The results underscore the importance of fostering a robust legal and institutional framework to enhance investment attractiveness. Uzbekistan's efforts align with global trends, as seen in countries that prioritize innovation through supportive policies and incentives. However, achieving sustainable innovation requires addressing structural challenges, such as the need for modernized production facilities and improved SME engagement.

Strategic initiatives, such as the establishment of innovation and technology centers in regions like Tashkent and Navoi, are promising. These centers serve as hubs for fostering collaboration between academia, industry, and investors. Furthermore, the development of free trade zones in border areas can enhance regional economic integration.

Conclusion and Recommendations

This study highlights significant advancements in Uzbekistan's efforts to foster an innovation-driven economy, evidenced by increased foreign investment flows and targeted policy reforms. The findings reveal that while initiatives such as the establishment of innovation centers and free trade zones have had a positive impact, challenges related to outdated infrastructure and SME engagement persist. These results underscore the importance of sustained legal and institutional reforms, infrastructure modernization, and enhanced support for SMEs to fully realize Uzbekistan's innovation potential. The implications extend beyond economic growth, positioning Uzbekistan as a regional hub for innovation and competitiveness. Future research should focus on longitudinal studies to assess the long-term impact of these policies and explore sector-specific strategies to further integrate innovation into the country's economic fabric.

References

1. Decree of the President of the Republic of Uzbekistan on the Development Strategy of New Uzbekistan for 2022-2026, No. PF-60 (2022).
2. Law of the Republic of Uzbekistan "On Investments and Investment Activities" (2019).
3. Mustafakulov, Sh. "Investment Environment Attractiveness." Scientific and Practical Applications, 2017.
4. Porter, M. "Competition: Pierre." English - M.: Williams, 2000.
5. Turgunovich, M. A. (2023). KORXONALARDA MAHSULOT ISHLAB CHIQRISH VA SOTISH JARAYONI HISOBINING NAZARIY ASOSLARI. TA'LIM VA RIVOJLANISH TAHLILI ONLAYN ILMIY JURNALI, 3(6), 142-144.
6. Мамажонов, А. Т. (2023). ТЕОРЕТИЧЕСКИЕ ОСНОВЫ ПРОВЕДЕНИЯ МАРЖИНАЛЬНОГО АНАЛИЗА В ХОЗЯЙСТВУЮЩИХ СУБЪЕКТАХ. Gospodarka i Innowacje., 35, 538-542.
7. Мамажонов, А. Т. (2022). ОРГАНИЗАЦИОННО-МЕТОДИЧЕСКИЕ АСПЕКТЫ УЧЕТА И АНАЛИЗА ФИНАНСОВЫХ РЕЗУЛЬТАТОВ. ҚАЗАҚСТАН РЕСПУБЛИКАСЫНЫҢ ҒЫЛЫМ ЖӘНЕ ЖОҒАРЫ БІЛІМ МИНИСТРЛІГІ ҚАЗАҚ ҰЛТТЫҚ АГРАРЛЫҚ ЗЕРТТЕУ

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РЕСПУБЛИКИ КАЗАХСТАН, 395.

8. Turgunovich, M. A., Khozhiboev, M., Tursunbekovich, I. S., & Khasanovich, K. H. (2022). THE PROCEDURE FOR AUDITING FINANCIAL RESULTS BASED ON INTERNATIONAL FINANCIAL REPORTING STANDARDS. *NeuroQuantology*, 20(11), 2073.
9. Мамажонов, А. Т. (2022). Молиявий ҳисоботларни тузиш ва тақдим этишнинг концептуал асосларини назарий жиҳатлари. *Архив научных исследований*, 4(1).
10. Turgunovich, M. A., Shodimukhamedovich, X. M., & Khasanaovich, K. K. (2022). IMPROVING THE ORGANIZATION OF MANAGEMENT ANALYSIS IN AGRICULTURE. *International Journal of Early Childhood Special Education*, 14(3).
11. Мамажонов, А. Т., & Қодиров, Ш. К. (2022). Фермер хўжаликларида маҳсулот таннари таҳлили ва уни такомиллаштириш. *Science and Education*, 3(7), 350-358.
12. Turgunovich, M. A. (2021). Accounting Of Income And Expenses For Regular Activities. *European Journal of Agricultural and Rural Education*, 2(9), 20-22.
13. Мамажонов, А. Т., & Хожибоев, М. Ш. (2021). ОСОБЕННОСТИ ОРГАНИЗАЦИИ УЧЕТА В КОММЕРЧЕСКИХ БАНКАХ. *ТЕСНика*, (3-4 (7-8)), 3-6.
14. Мамажонов, А. Т. (2021). ЭКОНОМИЧЕСКИЕ КРИТЕРИИ КЛАССИФИКАЦИИ ВАЛЮТНЫХ ОПЕРАЦИЙ. *ТЕСНика*, (3-4 (7-8)), 7-11.