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PROSPECTS FOR INCREASING INVESTMENT FLOWS IN THE DEVELOPMENT OF REGIONAL ECONOMIES

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ABSTRACT

This article examines the prospects for increasing investment flows in the development of regional economies based on scientific and economic approaches and official statistical data. The study analyzes the theoretical foundations of regional investment policy, the role of investment attractiveness in ensuring sustainable economic growth, and the impact of foreign and domestic investments on regional socio-economic development. Particular attention is paid to the reforms implemented in Uzbekistan aimed at improving the investment climate, developing infrastructure, and expanding regional economic potential. In addition, the article evaluates advanced international experience in attracting investments and identifies the main factors influencing regional investment competitiveness. Based on the analysis, practical recommendations are proposed to improve the efficiency of investment policy, strengthen regional investment attractiveness, and ensure balanced economic development across regions.

KEYWORDS

Investment flows, regional economy, investment attractiveness, economic growth, foreign direct investment, regional development, infrastructure, investment policy, economic reforms, regional competitiveness, sustainable development, capital investment.

Introduction

In modern economic conditions, investments are an important strategic factor in the sustainable development of the regional economy. Investment flows serve to expand production volumes, create new jobs, modernize infrastructure, and increase the economic potential of regions. Therefore, the issue of attracting investments to regions and stimulating investment activity is emerging as one of the priority areas of economic policy [1].

In recent years, Uzbekistan has been implementing large-scale reforms to develop the regional economy and improve the investment climate. In particular, special attention is paid to increasing the flow of investments to regions through the creation of free economic zones, the development of regional infrastructure, the creation of tax and customs privileges for investors, and the expansion of public-private partnership mechanisms [2]. This creates the need for a scientific study of regional investment policy and an analysis of the prospects for increasing investment flows.

Literature review on the topic

The issue of increasing investment flows in the development of regional economies has been widely studied by foreign and domestic economists, and the scientific literature has covered the relationship between investment attractiveness, regional development and economic growth based on various theoretical approaches.

Porter M.E. emphasizes the existence of an inextricable link between regional competitiveness and investment activity. In his opinion, the quality of the infrastructure of regions, the level of innovation environment and institutional development are the main determinants of investment flows [3]. In our opinion, this approach indicates the need to improve the investment environment in the development of regional economies.

Narula R. notes that foreign investments are an important factor in the technological modernization of the regional economy and increasing industrial competitiveness. He justifies the introduction of new technologies and management experience into regions through the activities of transnational companies [4]. In our opinion, this indicates the multiplicative effect of investments in the development of regional economies.

Stark O. studying the relationship between investment and migration processes, emphasizes that investment activity has a direct impact on regional employment and income growth. In his opinion, economic imbalances increase in regions with a weak investment flow [5]. In our opinion, this indicates the need for a balanced distribution of investments across regions.

Sadoulet E. and De Janvry A. emphasizing the role of state investment policy in regional development, note that infrastructure investments are the main driver of economic growth. In their opinion, regions with developed transport, energy and logistics infrastructure are attractive to investors [6]. In our opinion, this indicates the priority of infrastructure factors in regional investment policy.

Dunning J.H. analyzing investment attractiveness based on the "OLI paradigm", scientifically substantiates that the resource potential of regions, market size and institutional environment are the main factors determining investment flows [7]. In our opinion, this theory serves as an important methodological basis for a comprehensive assessment of the investment potential of regions.

Bajo-Rubio O. substantiates the fact that foreign investments stimulate regional economic growth on the basis of economic analysis. He notes that investments serve to expand production volumes, increase employment, and strengthen export potential [8]. In our opinion, this confirms that these investments are one of the main sources of economic development of regions.

Billington N. emphasizes that regional factors, including transport and logistics infrastructure, the quality of labor resources, and tax incentives, play an important role in the placement of investments. In his opinion, investors primarily choose regions where it is convenient to do business [9]. In our opinion, this indicates the importance of institutional reforms in regional investment policy.

The issues of attracting investments to regions and increasing investment activity have also been studied in depth by local economists.

Abdalova Z.T. studying the issues of assessing the investment potential of regions and increasing investment attractiveness, notes that the economic specialization of regions has a significant impact on investment flows [10]. In our opinion, this approach indicates the need for effective use of the natural and economic potential of regions.

Suyunov A. analyzes the impact of foreign investments and bank loans on regional employment and substantiates the role of investment activity in economic growth and job creation [11]. In our opinion,

this indicates that investments are an important factor in ensuring socio-economic stability in the economy of regions.

Matyakubova Y. assessing the investment potential of the regions of Uzbekistan based on the UNCTAD methodology, notes the existence of investment imbalances between regions. In her opinion, investment infrastructure and Internet coverage are important factors determining investment flows [12]. In our opinion, this indicates the need to develop digital infrastructure in regional investment policy.

Research methodology

In preparing this article, a comparative and critical analysis of the legal documents, the literature and Internet information used, and the scientific and theoretical views of economists on the topic were carried out. In the course of studying the topic, along with general economic methods, systematic analysis, generalization, abstract-logical thinking, and statistical methods were used.

Analysis and discussion of results

From a theoretical perspective, investment flows are considered one of the main drivers of regional economic development and structural transformation. According to modern economic growth theories, investments contribute to increasing production capacity, improving infrastructure, creating employment opportunities, and enhancing regional competitiveness. In particular, endogenous growth theory emphasizes that capital accumulation, innovation, and human capital investments stimulate sustainable long-term economic growth [13]. Therefore, attracting investments into regions is not only a financial issue, but also an important mechanism for reducing regional disparities and ensuring balanced socio-economic development.

Furthermore, investment attractiveness theory argues that regions capable of providing favorable institutional conditions, developed infrastructure, political stability, and efficient governance are more successful in attracting both domestic and foreign investments. In this regard, investment policy should focus on improving the business environment, strengthening public-private partnerships, and developing innovation-oriented industries. Scientific approaches also indicate that investment efficiency depends on the proper allocation of capital across sectors and territories, which ultimately determines the competitiveness and sustainability of regional economies [7].

In recent years, Uzbekistan has implemented a number of practical reforms aimed at increasing investment inflows into regional economies. In particular, the government has introduced large-scale measures to improve the investment climate, simplify administrative procedures, and expand infrastructure projects in the regions. According to official data from the Ministry of Investments, Industry and Trade of the Republic of Uzbekistan, more than 8,000 investment projects were implemented in the regions during 2023, resulting in the creation of thousands of new jobs and increased industrial output.

At the same time, special attention has been paid to the development of free economic zones, industrial parks, and public-private partnership mechanisms. As of 2024, Uzbekistan operates more than 20 free economic zones and dozens of industrial zones across different regions, providing tax and customs incentives for investors. These reforms have significantly increased the role of regions in attracting foreign direct investment and improving export potential.

Moreover, digital reforms and infrastructure modernization have become important components of regional investment policy. The implementation of electronic investment platforms, online licensing systems, and regional investment roadmaps has simplified interactions between investors and state authorities. According to the official statistics of the National Statistics Committee, total investments in fixed capital in Uzbekistan exceeded 420 trillion soums in 2024, with a substantial share directed toward regional infrastructure and industrial development projects [14]. These practical reforms demonstrate that Uzbekistan is gradually transforming its regional investment model toward a more open, competitive, and innovation-driven economy.

In order to evaluate the effectiveness of investment policy in regional economic development, it is important to analyze not only the total volume of investments but also their economic outcomes and efficiency indicators across regions. In modern economic practice, regional investment efficiency is assessed through a combination of indicators such as foreign direct investment share, employment creation, export growth, and overall economic performance. In this context, the following table presents a comparative analysis of complex regional investment efficiency indicators in Uzbekistan during the 2021–2025 period. The table reflects the relationship between investment inflows and key economic outcomes, including employment creation, export growth, and regional investment competitiveness.

Table 2 Complex Indicators of Regional Investment Efficiency in Uzbekistan (2021–2025) [15]

Regions	Investments in fixed capital 2025 (trln soums)	Average annual growth rate (%)	Share of FDI (%)	New jobs created (thousand)	Export growth due to investments (%)	Investment efficiency index*
Tashkent city	98.4	118.6	72.5	48.2	124.3	0.89
Tashkent region	54.1	114.2	58.4	31.6	118.7	0.76
Samarkand	42.7	121.5	46.3	27.4	126.1	0.71
Navoi	39.3	127.8	81.2	19.8	134.5	0.93
Fergana	36.8	116.9	39.7	25.1	117.4	0.68
Andijan	31.2	112.4	34.6	22.5	115.8	0.64
Bukhara	29.7	119.1	63.5	17.3	128.9	0.81
Kashkadarya	27.5	110.6	41.8	18.9	114.6	0.62

The table demonstrates noticeable differences in investment efficiency among the regions of Uzbekistan. Regions with stronger industrial infrastructure and higher foreign direct investment participation generally achieve better economic outcomes, including export growth and employment creation.

In particular, **Navoi region** shows the highest investment efficiency index (0.93), supported by its high FDI share (81.2 percent) and export growth (134.5 percent). This confirms the important role of export-oriented industrial projects and free economic zones in regional economic development.

Similarly, **Tashkent city** remains the leading investment center due to developed infrastructure, business concentration, and institutional advantages. The city attracted the largest investment volume and demonstrated strong employment and export performance.

At the same time, regions such as **Andijan, Fergana, and Kashkadarya** show relatively lower efficiency indicators despite attracting significant investments. This indicates that investment effectiveness depends not only on investment volume but also on technological capacity, infrastructure quality, and economic diversification.

Overall, the analysis confirms that increasing regional competitiveness requires not only attracting investments but also improving investment quality, innovation capacity, and infrastructure development.

In modern economic conditions, foreign direct investment plays a crucial role in increasing regional export capacity and accelerating economic development. Regions that attract higher volumes of foreign investments usually demonstrate stronger industrial growth, improved infrastructure, and greater integration into international markets. Therefore, analyzing the relationship between FDI participation and export growth provides an important basis for evaluating the effectiveness of regional investment policy and identifying economically competitive regions.

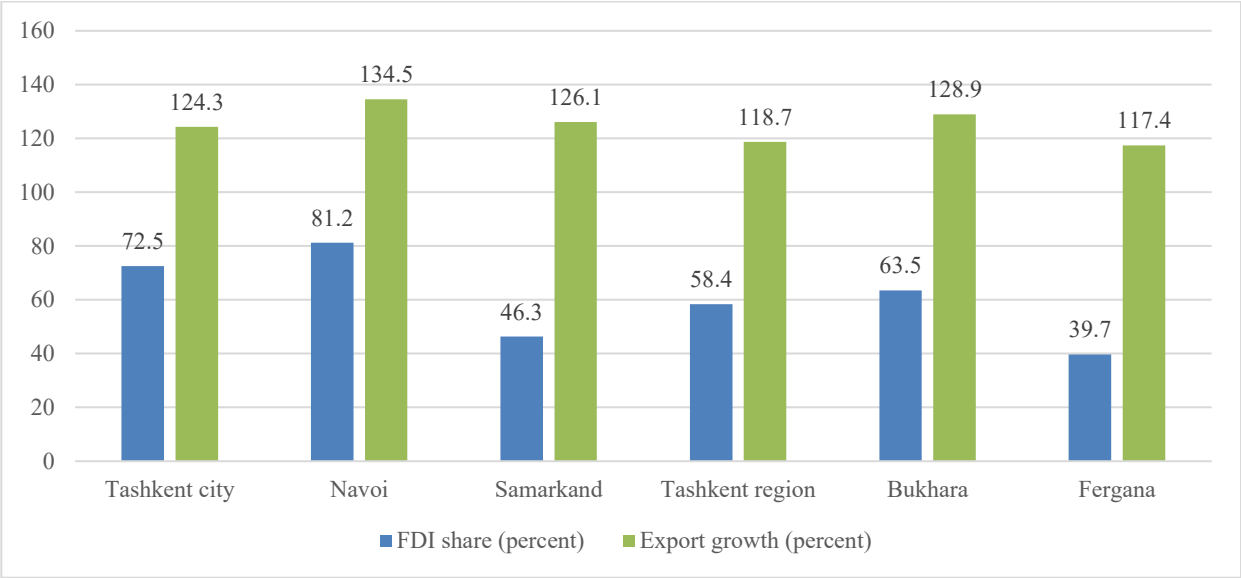

Figure 1. Relationship Between FDI Share and Export Growth Across Regions of Uzbekistan (2025) [15]

The figure demonstrates a clear positive relationship between the share of foreign direct investment and export growth across the regions of Uzbekistan in 2025. Regions with higher FDI participation generally achieved stronger export performance, confirming the important role of foreign capital in enhancing regional competitiveness and production capacity.

In particular, Navoi region recorded the highest FDI share (81.2 percent) and the highest export growth rate (134.5 percent). This result is largely associated with the activity of large industrial enterprises, mining projects, and the Navoi Free Economic Zone. Similarly, Bukhara region also demonstrated relatively high indicators, where the FDI share reached 63.5 percent and export growth amounted to 128.9 percent.

At the same time, Tashkent city maintained strong investment and export indicators due to its developed business environment, infrastructure, and concentration of financial resources. Meanwhile,

regions such as Samarkand and Fergana showed comparatively lower FDI participation, which limited their export growth potential despite stable economic activity.

Overall, the figure confirms that increasing foreign direct investment inflows contributes significantly to export expansion and regional economic modernization. This indicates that strengthening regional investment attractiveness remains one of the key priorities for ensuring sustainable economic growth.

The effectiveness of regional economic development largely depends on the sectoral allocation of investments and the diversity of investment financing sources. In modern economic systems, balanced investment distribution across productive sectors and sustainable financing mechanisms play a crucial role in strengthening regional competitiveness and ensuring long-term economic growth. Therefore, analyzing both the structure of investment allocation and the composition of investment sources provides an important basis for evaluating the efficiency of regional investment policy.

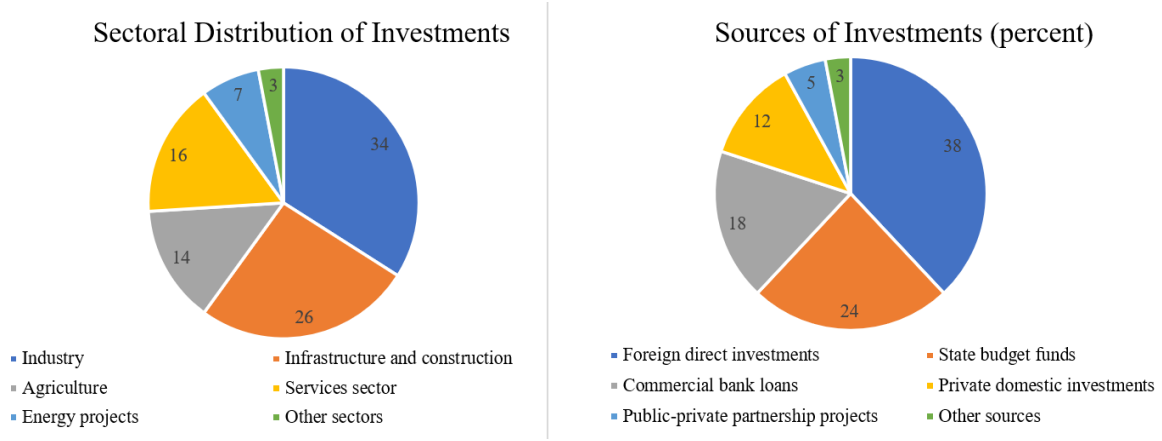

Figure 2. Sectoral Distribution and Sources of Investments in Regional Economies of Uzbekistan (2025) [15]

The figure demonstrates that the largest share of investments in regional economies of Uzbekistan is directed toward the **industrial sector (34 percent)**, reflecting the country's focus on industrial modernization, manufacturing expansion, and export-oriented production. The significant share of **infrastructure and construction investments (26 percent)** also indicates active implementation of transport, logistics, and urban development projects aimed at improving regional economic connectivity.

At the same time, the **services sector accounts for 16 percent**, while **agriculture receives 14 percent** of total investments. This suggests that although industrial development remains the priority, investments are also being directed toward sectors that support employment creation and social stability. The relatively smaller share of **energy projects (7 percent)** and other sectors indicates selective concentration of strategic investments.

The second chart reveals that **foreign direct investments represent the largest financing source (38 percent)** in regional economies. This highlights the increasing importance of international capital in supporting industrial and infrastructure projects. State budget funds account for 24 percent, demonstrating the active role of government investment policy in regional development. Commercial

bank loans and private domestic investments also contribute significantly, accounting for 18 percent and 12 percent respectively.

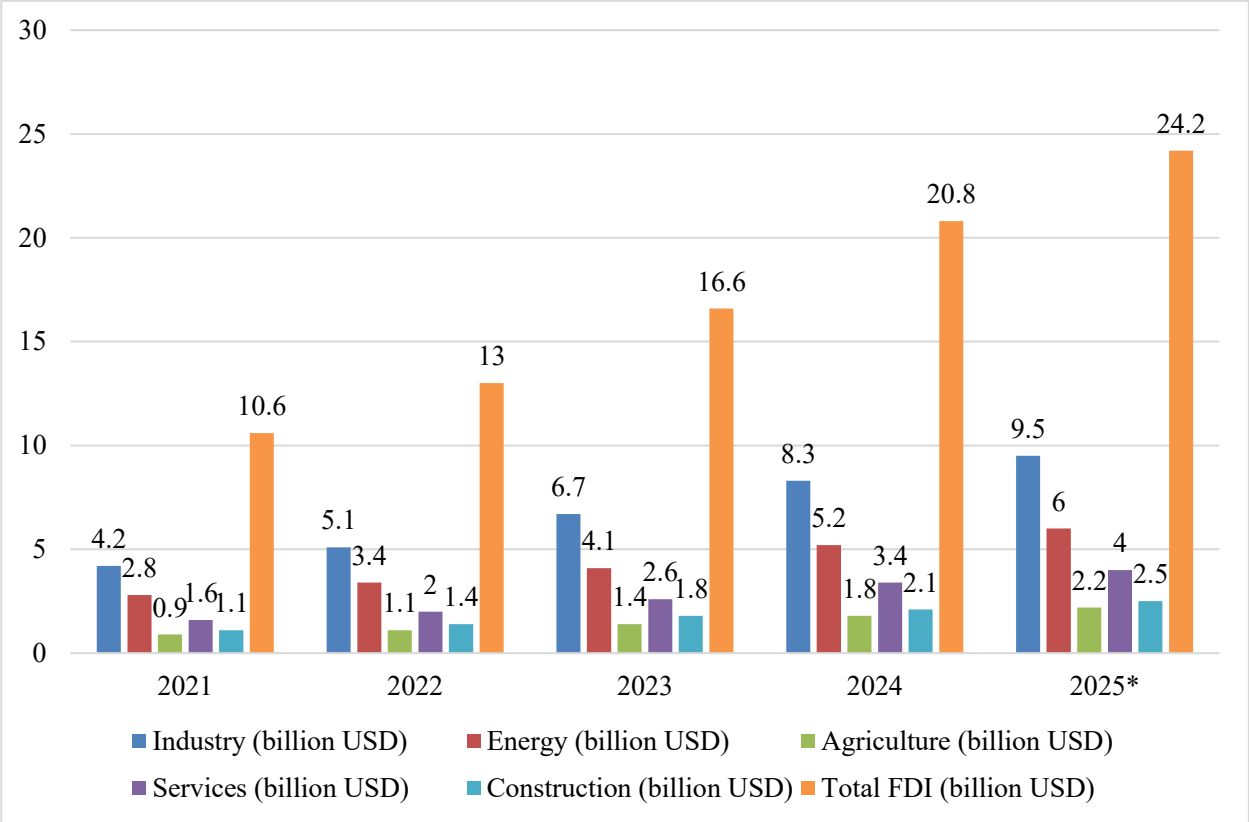

Figure 3. Dynamics of Foreign Direct Investment Inflows into Uzbekistan by Economic Sectors (2021–2025) [15]

The chart demonstrates a stable increase in foreign direct investment inflows across all major sectors of Uzbekistan's economy during 2021–2025. The industrial sector attracted the largest share of investments, increasing from 4.2 billion USD in 2021 to 9.5 billion USD in 2025. This reflects the country's focus on industrial modernization and export-oriented production.

The energy sector also showed substantial growth, reaching 6.0 billion USD by 2025 due to large-scale energy and infrastructure projects. Meanwhile, investments in services and agriculture increased steadily, indicating ongoing economic diversification and expansion of regional business activity.

Overall, the figure confirms that Uzbekistan's regional investment model is becoming increasingly diversified both in terms of sectoral allocation and financing sources. Such diversification strengthens economic sustainability, improves regional competitiveness, and creates favorable conditions for long-term economic growth.

Table 2 Main Barriers Affecting Investment Inflows into Regional Economies of Uzbekistan (2025) [15]

Factors limiting investment activity	Impact level	Economic effect on regions
Insufficient transport and logistics infrastructure	High	Increases production and export costs
Uneven industrial development among regions	High	Reduces regional investment attractiveness
Limited access to financial resources	Medium	Slows implementation of investment projects
Administrative and bureaucratic procedures	Medium	Delays project approval processes
Shortage of highly qualified labor resources	Medium	Decreases productivity and innovation potential
Weak digital infrastructure in remote regions	Medium	Limits technology-based investments
Low level of regional innovation activity	Low	Reduces competitiveness of local industries

The table demonstrates that infrastructure-related constraints remain the most significant factor limiting investment inflows into regional economies. In particular, insufficient transport and logistics systems negatively affect production efficiency and increase export-related costs, especially in remote regions. This reduces the overall competitiveness of regional economies and limits their ability to attract large-scale investors.

Another important issue is the uneven level of industrial development across regions. Economically stronger regions with developed infrastructure and industrial specialization attract considerably more investments compared to less developed territories. As a result, regional economic disparities continue to persist despite ongoing reforms.

The analysis also highlights the growing importance of digital infrastructure and human capital in modern investment policy. Regions with limited digital connectivity and shortages of qualified specialists face difficulties in attracting innovation-oriented and technology-intensive projects. Therefore, strengthening regional infrastructure, improving institutional efficiency, and developing human capital remain essential priorities for increasing sustainable investment flows into regional economies.

The overall analysis confirms that increasing investment inflows plays a crucial role in accelerating regional economic development and strengthening regional competitiveness in Uzbekistan. The statistical data demonstrate that investments contribute significantly to industrial modernization, export expansion, infrastructure improvement, and employment generation across different regions of the country.

At the same time, the analysis reveals that the effectiveness of regional investment policy depends not only on the volume of attracted investments but also on their sectoral distribution, technological

orientation, and economic efficiency. Regions with developed infrastructure, higher foreign direct investment participation, and stronger industrial capacity tend to achieve better economic outcomes and sustainable growth.

Furthermore, the growing diversification of investment sources and sectors indicates that Uzbekistan is gradually moving toward a more balanced and investment-driven regional development model. Therefore, improving investment attractiveness, strengthening institutional conditions, and supporting innovation-oriented projects remain key priorities for ensuring long-term regional economic growth and reducing territorial disparities.

Conclusion and Suggestions

The research confirms that increasing investment inflows is one of the most important factors for ensuring sustainable regional economic development and strengthening territorial competitiveness. The analysis demonstrates that investments contribute significantly to industrial modernization, infrastructure development, export expansion, employment generation, and the overall improvement of regional economic potential. In recent years, Uzbekistan has implemented large-scale investment-oriented reforms, which have led to a steady increase in both domestic and foreign investments across the regions.

At the same time, the study reveals that regional investment development remains uneven. Regions with stronger infrastructure, developed industrial capacity, and favorable institutional conditions attract significantly larger investment volumes and achieve higher economic efficiency. In contrast, less developed regions continue to face structural limitations related to infrastructure quality, technological capacity, and access to financial resources. Therefore, ensuring balanced regional development requires not only increasing the amount of investments but also improving their quality, sectoral orientation, and long-term economic effectiveness.

The analysis also confirms the growing role of foreign direct investments in supporting regional modernization and integration into global economic processes. Foreign investments contribute not only financial capital but also advanced technologies, management experience, and export opportunities. Consequently, improving investment attractiveness and creating a stable institutional environment remain essential priorities for regional economic policy.

First, it is necessary to further improve the regional investment climate by simplifying administrative procedures, strengthening legal guarantees for investors, and reducing bureaucratic barriers. Creating transparent and predictable institutional conditions would significantly increase investor confidence and stimulate long-term investment activity.

Second, special attention should be paid to the development of transport, logistics, and digital infrastructure in less developed regions. Modern infrastructure reduces business costs, improves regional connectivity, and increases the competitiveness of local economies in attracting investments.

Third, regional investment policy should focus on supporting innovation-oriented and high value-added industries rather than concentrating only on traditional sectors. Investments directed toward technology-intensive industries, renewable energy, digital services, and industrial modernization can generate stronger multiplier effects and sustainable economic growth.

Fourth, it is important to strengthen public-private partnership mechanisms and encourage greater participation of private domestic investors in regional development projects. Expanding cooperation

between the state and private sector would improve financing opportunities and increase investment efficiency.

Fifth, increasing the quality of human capital and labor resources should become one of the strategic priorities of regional economic development. Investment projects require qualified specialists and modern professional skills; therefore, improving education, vocational training, and innovation capacity is essential for attracting advanced investments.

Finally, regional authorities should adopt a more differentiated and targeted investment policy based on the specific economic potential and competitive advantages of each region. Such an approach would help reduce regional disparities, increase economic resilience, and ensure balanced long-term development across the country.

References

1. Porter, M.E. (2008). The Competitive Advantage of Nations. New York: Free Press, pp. 55–61.
2. Decree of the President of the Republic of Uzbekistan No. PD–60 dated January 28, 2022, "On the Development Strategy of New Uzbekistan for 2022–2026".
3. Porter, M.E. (2008). The Competitive Advantage of Nations. New York: Free Press, pp. 65–73.
4. Narula, R. (2015). Understanding FDI-Assisted Economic Development. Routledge, pp. 40–55.
5. Stark, O. (1991). The Migration of Labor. Cambridge: Blackwell Publishers, pp. 112–126.
6. Sadoulet, E., De Janvry, A. (2021). Development Economics: Theory and Practice. Routledge, pp. 214–229.
7. Dunning, J.H. (1993). Multinational Enterprises and the Global Economy. Addison-Wesley, pp. 120–136.
8. Bajo-Rubio, O., Diaz-Mora, C., Diaz-Roldan, C. (2010). "Foreign Direct Investment and Regional Growth." Regional Studies, Vol. 44(3), pp. 373–382.
9. Billington, N. (1999). "The Location of Foreign Direct Investment: An Empirical Analysis." Applied Economics, Vol. 31, pp. 65–76.
10. Abdalova, Z.T. (2021). "Hududlar investitsion salohiyatini baholash va investitsion jozibadorlikni oshirish yo'llari." International Journal of Multicultural and Multireligious Understanding, Vol. 8(10), pp. 298–305.
11. Suyunov, A. (2022). "The Impact of Foreign Investments and Bank Credits on Employment in Uzbekistan." Journal of Economics, Finance and Management Studies, Vol. 5(6), pp. 1450–1458.
12. Matyakubova, Y. (2023). "Assessment of Investment Potential of Regions in Uzbekistan Based on UNCTAD Methodology." Central Asian Journal of Economics and Innovation, Vol. 4(7), pp. 44–52.
13. Romer, P.M. (1990). "Endogenous Technological Change." Journal of Political Economy, Vol. 98(5), pp. 71–102.
14. Ministry of Investments, Industry and Trade of the Republic of Uzbekistan. Official Report on Investment Activity in the Regions. Tashkent, 2024.
15. Ministry of Investments, Industry and Trade of the Republic of Uzbekistan; National Statistics Committee; Regional Investment Reports 2025 – compiled by the author.