



# IQTISODIYOT & TARAQQIYOT

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# INTERNATIONAL ORGANIZATIONS' APPROACHES TO ATTRACTING INVESTMENT IN HUMAN CAPITAL

**Akhmadaliyeva Nikholakhon**

Tashkent State University of Economics, PhD

ORCID: 0009-0001-9912-549X

Email: [nikholaakhmadaliyeva@gmail.com](mailto:nikholaakhmadaliyeva@gmail.com)

**Abstract:** This article examines the role of international organizations in attracting investment in human capital and their contribution to sustainable economic growth and social development. It provides an analytical overview of the strategies employed by institutions such as the World Bank, IMF, UNDP, UNESCO, ILO, and ADB to enhance education, healthcare, social protection, and labor market inclusion. Special attention is given to Uzbekistan's cooperation with these organizations in the framework of its National Development Strategy–2030.

**Key words:** Human capital; investment; international organizations; World Bank; Asian Development Bank; Uzbekistan; Sustainable Development Goals (SDGs); education; healthcare; gender equality; social inclusion; sustainable economic growth.

**Annotatsiya:** Ushbu maqolada xalqaro tashkilotlarning inson kapitaliga investitsiyalarni jalb etishdagi roli, shuningdek ularning barqaror iqtisodiy o'sish va ijtimoiy rivojlanishga qo'shgan hissasi tahlil qilinadi. Jahon banki, Xalqaro valyuta jamg'armasi (XVJ), BMT Taraqqiyot dasturi (UNDP), YUNESKO, Xalqaro mehnat tashkiloti (XMT) va Osiyo taraqqiyot banki (OTB) kabi institutlar tomonidan ta'lim, sog'liqni saqlash, ijtimoiy himoya hamda mehnat bozori inklyuzivligini rivojlantirish yo'nalishida amalga oshirilayotgan strategiyalar tahliliy yondashuv asosida o'rganilgan. Shuningdek, O'zbekistonning "2030-yilgacha Milliy rivojlanish strategiyasi" doirasida ushbu tashkilotlar bilan hamkorlik aloqalariga alohida e'tibor qaratilgan.

**Kalit so'zlar:** : inson kapitali, investitsiya, xalqaro tashkilotlar, Jahon banki, Osiyo taraqqiyot banki, O'zbekiston, Barqaror rivojlanish maqsadlari (SDG), ta'lim, sog'liqni saqlash, gender tengligi, ijtimoiy inklyuziya, barqaror iqtisodiy o'sish.

**Аннотация:** В данной статье рассматривается роль международных организаций в привлечении инвестиций в человеческий капитал и их вклад в обеспечение устойчивого экономического роста и социального развития. Представлен аналитический обзор стратегий, применяемых такими институтами, как Всемирный банк, Международный валютный фонд (МВФ), Программа развития ООН (ПРООН), ЮНЕСКО, Международная организация труда (МОТ) и Азиатский банк развития (АБР) в области образования, здравоохранения, социальной защиты и инклюзии на рынке труда. Особое внимание уделено сотрудничеству Узбекистана с данными организациями в рамках Национальной стратегии развития – 2030.

**Ключевые слова:** человеческий капитал; инвестиции; международные организации; Всемирный банк; Азиатский банк развития; Узбекистан; Цели устойчивого развития (ЦУР); образование; здравоохранение; гендерное равенство; социальная инклюзия; устойчивый экономический рост.

## INTRODUCTION

At the global level, attracting investment in human capital is recognized as one of the key factors for ensuring sustainable economic growth, social equality, and innovative development. International organizations play an important role in this process not only by providing financial resources, but also by facilitating the exchange of experience, strengthening institutional capacity, and promoting knowledge transfer. Programs implemented by the World Bank, International Monetary Fund (IMF), United Nations Development Program (UNDP), UNESCO, International Labor Organization (ILO), the European Union, and other multilateral institutions are aimed at developing human capital in areas such as education, healthcare, the labor market, gender equality, and social protection [1].



## REVIEW OF LITERATURE ON THE SUBJECT

International organizations frame investment in human capital as both an economic imperative and a policy priority, building on foundational economic theory that treats education, health and skills as productive assets. Gary S. Becker 1964 established the basic economic rationale for treating education and training as investments that raise individual and aggregate productivity.

The World Bank's Human Capital Project operationalizes this rationale for policy and finance: it promotes whole-of-government strategies to scale investments across health, nutrition, education and skills development, and supports country programs that link measurable human capital outcomes to lending and advisory instruments.

Multilateral agencies emphasize different but complementary policy levers. The OECD advances a skills governance approach—prioritizing lifelong learning, skills anticipation, and institutional coordination to match supply with labor-market demand—framing investment as both public responsibility and an enabler of better firm-level returns. UNESCO foregrounds education financing and the SDG4 agenda, stressing the persistent global financing gap and the need for blended public, private and international finance to expand equitable access to quality education.

Scholars focused on measurement and returns complement institutional strategies by supplying evidence on the economic and social payoff to human capital investments. James J. Heckman's work demonstrates that early-life interventions and targeted skills policies produce high social returns and argues for sequencing interventions across the life course to maximize impact.

Recent international policy discourse extends beyond financing and returns to incorporate labor standards, decent work and inclusion as conditions that attract and sustain human-capital investment. The International Labour Organization and allied initiatives link investor commitments to decent work, gender inclusion and lifelong learning, arguing that governance, social protection and quality jobs are core to making human-capital investments effective and attractive.

Overall, the literature and institutional practice converge on a multi-dimensional strategy for attracting investment in human capital: ground policy in robust economic evidence, align financing (including blended and programmatic instruments) with measurable outcomes, strengthen skills and labor governance, and ensure social protections and decent work so investments translate into sustainable, inclusive growth.

## RESEARCH METHODOLOGY

This scientific article employs comparative and analytical methods to explore the prospects of attracting investments into human capital as a means of reducing unemployment. The methodology includes the analysis of centralized and decentralized investment volumes, as well as the use of comparative, deductive, inductive, and statistical approaches. Based on the results of the research, theoretical conclusions and practical recommendations are developed to enhance the effectiveness of investment in human capital.

## ANALYSIS AND RESULTS

Investment in human capital has become one of the most effective instruments for achieving inclusive and sustainable development. The discussion in this section focuses on how international organizations mobilize financial, institutional, and intellectual resources to strengthen human capital, particularly in developing countries. By analyzing global initiatives and their application in Uzbekistan, the study highlights the interconnection between international support mechanisms and national strategies aimed at improving education quality, healthcare access, social equity, and labor productivity. The findings demonstrate that well-targeted investments in human capital not only accelerate economic growth but also contribute to long-term social stability and resilience.

In the investment strategies of international organizations, three main directions can be identified:

- Modernization of the education system – expanding grants, scholarships, and academic mobility programs to make young people and specialists more competitive in the global labor market;
- Support for healthcare and social services – developing sustainable healthcare systems, strengthening preparedness for pandemics, and supporting socially vulnerable groups;
- Development of an innovative economy and labor market – fostering modern professional skills, encouraging youth entrepreneurship, and introducing digital technologies.

Through these directions, international organizations contribute not only to economic growth in the countries receiving investments but also to ensuring social stability and equal opportunities. Their programs are often aligned with national development strategies and the Sustainable Development Goals (SDGs).



For Uzbekistan, this direction is particularly relevant, as cooperation with international organizations provides opportunities to improve the quality of human capital, train competitive personnel, and effectively participate in regional and global integration processes.

International organizations, including the World Bank, have been implementing various multilateral initiatives aimed at attracting investment in human capital. One such initiative is the Human Capital Trust Fund, launched in 2019 with the support of the Bill & Melinda Gates Foundation and the Government of Canada. The Fund integrates scientifically grounded and comprehensive approaches into the World Bank's operational activities, supporting large-scale projects focused on the development of human capital in different countries. To date, 29 World Bank projects have been developed with the support of the Fund's resources, totaling more than 8.5 billion USD in lending [2].

The Fund's main activities are carried out within the framework of the Human Capital Project, which currently covers 95 member countries and defines the development, protection, and effective utilization of human capital as a strategic goal. The Fund operates in three main areas [2]:

Evidence-based policy – improving policy decision-making through data collection, analysis, and outcome measurement;

Country-level collaboration – supporting national projects and reforms;

Global cooperation – promoting knowledge exchange, policy dialogue, and resource mobilization.

Gender equality plays a particularly important role in the Fund's activities. Through the Gender Innovation and Regional Learning (GIRL) initiative, innovative solutions are being developed to ensure the full participation of women and girls in education, healthcare, and social protection. For instance, legislative and policy reforms adopted in Togo, Cameroon, and Gambia have contributed to strengthening gender equality.

The Fund's practical projects have also produced significant results at the national level. For example, in Bangladesh, a large-scale phone survey of 1,500 NEET women (not in education, employment, or training) helped identify key barriers to accessing education and entering the labor market. In Nigeria, institutional and financial constraints hindering effective delivery of education and healthcare services were identified, leading to a political agreement to address these issues [2].

In addition, the Fund serves as an important catalyst in promoting policy dialogue, encouraging innovative approaches, and mobilizing new resources in cooperation with governments.

The experience of the Human Capital Trust Fund vividly demonstrates the multifaceted approach of international organizations in attracting investment in human capital. It enhances the effectiveness of investments by mobilizing financial resources, developing evidence-based policies, ensuring gender equality, and fostering cooperation at both global and national levels. This experience is also highly relevant for Uzbekistan, as it enables the integration of international mechanisms for human capital development into national strategies.

In the process of human capital development in Uzbekistan, international financial institutions—particularly the World Bank—play a significant role. As of April 2025, 23 projects with a total value of 4.65 billion USD are being implemented in the country, including 3.3 billion USD in concessional loans from the International Development Association (IDA) and 1.3 billion USD from the International Bank for Reconstruction and Development (IBRD) [3].

These projects are aimed at modernizing the education and healthcare systems, strengthening social protection mechanisms, and improving water resources, irrigation, and sanitation infrastructure. At the same time, modernization efforts are also being carried out in sectors such as agriculture, energy, and transport.

In the implementation of Uzbekistan's National Development Strategy up to 2030, the development of human capital is considered a top priority. However, achieving these goals requires significant additional financial resources. According to assessments conducted in 2018, Uzbekistan would need to spend an additional 8.7% of its GDP annually until 2030 in order to achieve the Sustainable Development Goals (SDGs) in the fields of healthcare, education, and infrastructure. This situation necessitates a comprehensive review of both national and international financing strategies [4].

International financial institutions — including the World Bank, Asian Development Bank (ADB), and Asian Infrastructure Investment Bank (AIIB) — contribute to strengthening education and healthcare systems by providing direct investments in the form of loans, grants, and technical assistance. For instance, the World Bank's projects in Uzbekistan aimed at improving the quality of primary and general education and regional programs for early childhood development finance practical measures such as the production of modern textbooks, teacher retraining, and curriculum modernization [5].

Under integrated financing initiatives, mechanisms such as the UN Joint SDG Fund bring together governments, UN agencies, and donor organizations at the national level to coordinate funding for education, healthcare, and social protection [6]. In Uzbekistan's case, such joint programs help link public policy objectives with financing mechanisms, increase efficiency, and attract new sources of funding for human capital development.



International organizations promote the use of green bonds, social bonds, impact investments, and crowdfunding instruments, helping to integrate these tools into national financial markets and policies. In addition, possibilities are being explored to channel remittances and private investment toward human capital projects through targeted management approaches — for example, by developing strategies to direct remittance flows into education and social protection sectors. The World Bank’s remittance database provides statistical insights into the share of these flows within national economies.

International donors also support the reform of national education and healthcare systems through technical assistance, policy analysis, and institutional reforms. Such assistance focuses on aligning curricula with labor market needs, modernizing pedagogical and vocational education, and improving healthcare management systems. Projects by the Asian Development Bank (ADB) and the Asian Infrastructure Investment Bank (AIIB) to strengthen healthcare — particularly in response to the pandemic — serve as key examples of efforts to reinforce infrastructure and modernize laboratory networks.

To improve the efficiency of investments, international institutions utilize indicators such as the Human Capital Index (HCI), which measures the quality of human capital and helps guide policy priorities. According to World Bank data, Uzbekistan’s HCI value stood at 0.62 (as of 2020), reflecting progress in education and health outcomes while highlighting areas for further development. These data are essential for designing disaggregated policy recommendations tailored to national needs [7].

Human capital is a decisive factor in a country’s long-term sustainable development. Investments directed toward education, healthcare, social equality, and employment not only ensure economic efficiency but also enhance social well-being. The figure below illustrates how a total of 51.1 million USD in available resources is allocated among different priority areas, reflecting the main directions of human capital development within the Sustainable Development Goals (SDGs) framework (Figure 1).

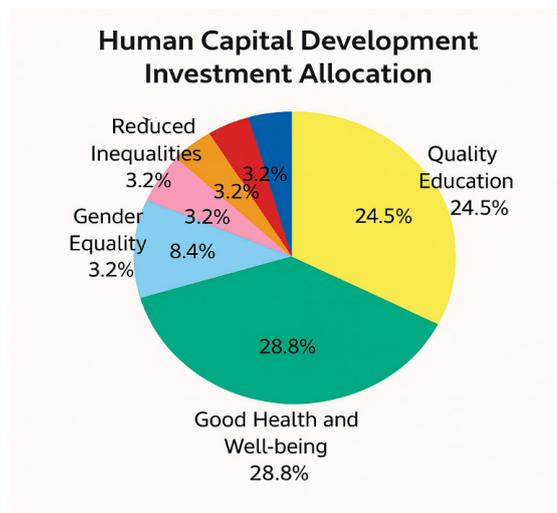


Figure 1. Human capital development investment allocation

Specifically, 5.1% (USD 2.6 million) was spent on eradicating poverty, and 8.4% (USD 4.3 million) on ensuring food security, which play an essential role in improving the minimum living conditions of the population and strengthening the intellectual potential of children and youth [8]. The largest share of resources was directed to health and well-being, amounting to 28.8% (USD 14.7 million). These investments help increase labor capacity, extend life expectancy, and expand the economically active population, thereby reinforcing the core foundation of human capital [9].

Furthermore, 24.5% (USD 12.5 million) was allocated to quality education, which plays a crucial role in training highly skilled specialists with modern knowledge and competencies, thus ensuring the competitiveness of the national economy [10]. Allocations for gender equality (3.2% or USD 1.6 million), decent work and economic growth (2.4% or USD 1.2 million), and reducing inequalities (3.2% or USD 1.6 million) are vital for promoting social inclusiveness, fully utilizing human resources, and strengthening social stability [11].

The analysis indicates that 75.6% of the available resources, or approximately USD 38.5 million, are directly aimed at developing human capital, with the largest share devoted to healthcare and education [12]. This distribution reflects Uzbekistan’s focus on the physical and intellectual development of human capital. At the same time, investments in gender equality, employment, and social inclusion contribute to inclusive growth and reinforce social stability.



Thus, the resource allocation clearly demonstrates that human capital development is a strategic priority in Uzbekistan's sustainable development policy, emphasizing both the intellectual and social dimensions of national progress.

## CONCLUSIONS AND SUGGESTIONS

Thus, the multifaceted cooperation initiatives of the World Bank and the Asian Development Bank (ADB) are creating a strong foundation for the development of human capital in Uzbekistan. These initiatives not only stimulate economic growth but also play a decisive role in enhancing social equality, expanding employment opportunities, increasing labor productivity, and ensuring long-term sustainable prosperity.

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## IQTISODIYOT & TARAQQIYOT

*Ijtimoiy, iqtisodiy, texnologik, ilmiy, ommabop jurnal*

**Ingliz tili muharriri:** Feruz Hakimov

**Musahhih:** Zokir ALIBEKOV

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