

## A SUSTAINABLE EDUCATION SYSTEM IS A KEY FACTOR IN HUMAN CAPITAL DEVELOPMENT

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**Abstract:** This article provides a scientific and theoretical analysis of the essence of a sustainable education system, its role and significance in the development of human capital. It also highlights the mechanisms for modernizing the education system, developing human capital based on innovative approaches and digital technologies. The article also examines the relationship between sustainable education and economic development, as well as the priority areas of modern education policy.

**Keywords:** sustainable education, human capital, quality of education, innovation, digital transformation, competence, education policy, development strategy, economic development, lifelong learning

In today's globalization environment, the education system is one of the most important factors in the development of any society. Especially within the framework of the concept of sustainable development, the role of the education system is increasing. Sustainable education is considered not only to provide knowledge, but also as an important mechanism for ensuring the social, economic and cultural development of a person. The concept of human capital is one of the important categories in economic sciences, which includes a person's knowledge, skills, qualifications and potential. From this point of view, a sustainable education system is a key factor in the formation and development of human capital.

**Research methodology:** The following scientific methods were used in this article systematic analysis method, comparative analysis, statistical and logical analysis, study and generalization of scientific literature, inductive and deductive approaches.

Through these methods, the relationship between a sustainable education system and human capital was deeply analyzed.

Sustainable education is a continuous and high-quality education system aimed at ensuring the long-term development of society. It serves not only to provide knowledge, but also to form a person's creative thinking, independent decision-making ability and social responsibility. Sustainable education has the following main characteristics: continuity, flexibility, innovation, quality orientation, compliance with social needs. The concept of sustainable education was formed at the end of the 20th century and is aimed at ensuring the harmony of ecological, economic and social development. According to this approach, the education system should not be limited only to providing knowledge, but also form such qualities in a person as responsibility, conscious consumption and social activity.

The theoretical foundations of sustainable education are based on:

- humanistic pedagogy;
- competency-based approach;
- systemic approach;
- innovative development model

Human capital is the ability of a person to create economic value through knowledge, skills and experience. By investing in human capital, countries ensure economic growth.



The main components of human capital are the level of knowledge and education, professional skills, health and work capacity, innovative thinking and creativity. A sustainable education system serves to develop these components. A sustainable education system is the main mechanism for the formation of human capital. The higher the quality of education, the higher the level of human capital. Their interdependence is manifested in the following:

- ✓ quality education – highly qualified personnel;
- ✓ innovative education – creative human capital;
- ✓ continuous education – a constantly developing person.
- ✓ Digital transformation and sustainable education

In the modern era, digital technologies are fundamentally changing the education system. Online learning platforms, artificial intelligence and distance learning systems are increasing the efficiency of education. The advantages of digital education: wide access to education, the possibility of individual learning, the absence of time and space boundaries, and an increase in the quality of education. This leads to a faster and more effective development of human capital. The development of a sustainable education system is one of the important directions of state policy. Investing in education means investing in human capital.

Priority areas of modern education policy:

- ✓ improving the quality of education;
- ✓ introducing innovative technologies;
- ✓ adapting to international standards;
- ✓ developing a system of continuing education.

Directions for the development of sustainable education in Uzbekistan.

In recent years, Uzbekistan has paid great attention to reforming the education system. The following areas are considered priorities:

- improving the quality of school and higher education;
- introducing digital education;
- studying foreign experiences;
- improving the skills of teachers;
- developing the dual education system.

Socio-economic impact of sustainable education

A sustainable education system has a significant impact on all sectors of society:

Economic impact: labor productivity increases, the number of innovations increases, economic growth accelerates.

Social impact: poverty reduction, social equality increases, civic engagement increases.

Problems and their solutions

Current problems:

- insufficient quality of education;
- poorly developed practical skills;
- weak use of digital technologies;
- there is a disconnect between education and the labor market.

Proposed solutions:

- modernization of educational programs;
- increase in practical training;
- widespread introduction of IT technologies;
- development of international cooperation.

In conclusion, a sustainable education system is one of the most important factors in the development of human capital. In modern conditions, it is possible to form highly qualified,



competitive human capital by improving the education system, introducing innovative approaches and effectively using digital technologies. Also, the sustainability of the education system directly affects the economic and social development of the country. Therefore, investing in education, its modernization and the introduction of international experience are one of the urgent tasks of today.

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