

DIRECTIONS OF INCREASING OF EFFICIENCY OF FUNCTIONING «GREEN ECONOMY» IN AZERBAIJAN.

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Annotation

In the article, directions for increasing the efficient functioning of the "green economy" in Azerbaijan were considered. At the same time, the measures to be implemented in this field were examined in the article. International experience shows that "it is necessary to develop the green economy. The existing problems are identified in the article, directions for their elimination are indicated.

Keywords: national economy, development, investment, transformation, integration

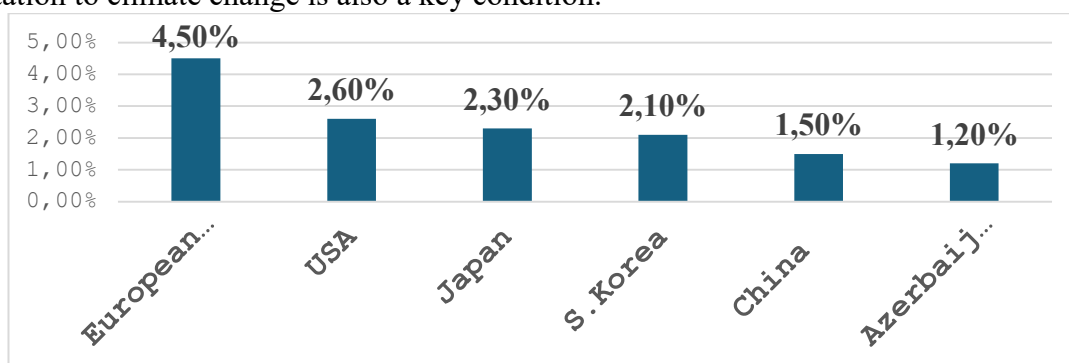
Introduction

In recent years, continuous economic measures have been implemented to improve efficiency in the field of green energy in the Republic of Azerbaijan. These policies and programs include the introduction of energy efficiency standards and the implementation of educational activities on energy efficiency. This year, Azerbaijan will host such a prestigious event as the 29th session of the Conference of the Parties to the United Nations Framework Convention on Climate Change (COP 29).

2024 has been declared the "Year of Cooperation for a Green World" worldwide. It should be taken into account that favorable opportunities have arisen in the transition to a "green economy" [1]. The Azerbaijani state considers the expansion of the use of renewable energy sources in the national economy its top priority. These areas include the efficient use of renewable energy sources, the development of renewable energy infrastructure, etc. includes

Main part

Our country is implementing various measures to combat climate change. These measures include the reduction of greenhouse gas emissions. At the same time, ensuring adaptation to climate change is also a key condition.



Graph 1. Average share of green economy in recent GDP of some countries

Source: Compiled by the author based on the https://azerbaijan.un.org/sites/default/files/202309/POLICY%20BRIEF%20-%20Green%20transformation%20in%20Azerbaijan_ENG.pdf

The average share of the green economy in the GDP of some countries is changing recently. For example, this indicator was 4.5% for EU countries, 2.6% for America, and 1.2% for Azerbaijan (Graph 1).

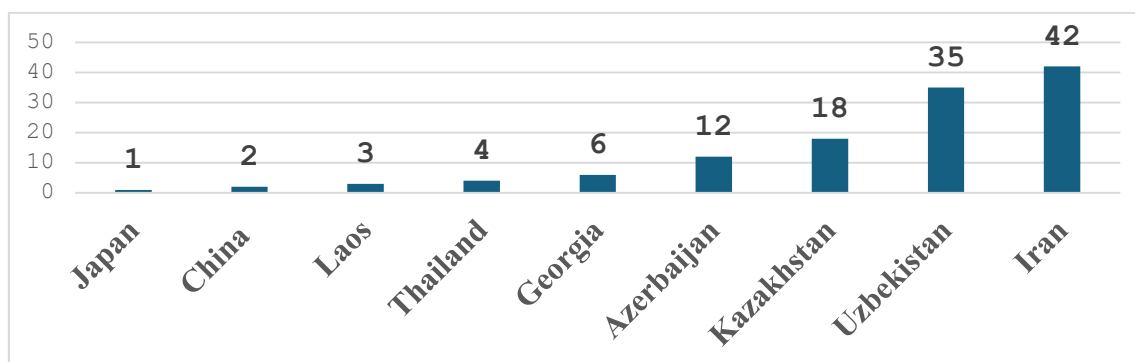
Table 1

Key ranking scores on the Green Growth Index for some countries (2023) [5]

Countries	Scores
Japan	63.85
China	63.61
Laos	62.79
Thailand	62.68
Georgia	60.85
Azerbaijan	58.18
Kazakhstan	54.29
Uzbekistan	43.39
Iran	37.35

Source: Compiled by the author based on the <https://greengrowthindex.gggi.org/wpcontent/uploads/2024/05/2023-Green-Growth-Index-1.pdf>

The conducted analysis shows that according to the green growth index, Japan was in the first position with 63.85 scores, China was in the second position with 62.28 scores, and Georgia was in the third position with 60.85 scores. Among the post-soviet countries, Georgia ranked 3rd with 60.85 scores, and Azerbaijan ranked 12th with 58.18 scores (Table 1). Uzbekistan was in 35th place, Iran in 42nd place (Graph 2) [5].



Graph 2. Top ranking positions on green growth index for some countries (2023) [5]

Source: Compiled by the author based on the

<https://greengrowthindex.gggi.org/wpcontent/uploads/2024/05/2023-Green-Growth-Index-1.pdf> əsasında müəllif tərəfindən tərtib olunmuşdur.

In some countries, the impact of the green economy on GDP is higher than in Azerbaijan. Green economy areas are more developed in EU countries. The impact of the green economy on GDP varies by sector. Energy and industry, transport, communication, construction sectors play an important role in the development of the green economy.

Increasing energy efficiency in Azerbaijan can reduce energy costs and carbon emissions. The role of the green economy in the development of GDP can increase. It is necessary to expand the efficient use of renewable energy sources in the country. This can increase energy security. A suitable process can reduce environmental pollution [2].

Increasing investments in environmental protection can increase the contribution of the green economy to GDP by reducing environmental pollution and increasing sustainability. Sustainable development of the green economy in the regions can ensure economic growth of the

country's GDP. This process can maintain environmental sustainability. The development of green economy is necessary in Azerbaijan. This process can ensure the country's economic growth and environmental sustainability. The role of green economy in ensuring sustainable development is great.

A green economy can help restore nature. At the same time, the green economy has the ability to widely protect natural resources. At the same time, it can eliminate the impact on the environment. Relevant processes include combating climate change and energy efficiency. At the same time, it also includes waste management, conservation of water bodies, and protection of flora and fauna in the surrounding environment. The future of new jobs in the green economy can help restore nature. Climate change and depletion of natural resources are global problems. At this time, the demand for jobs in different directions in green economic areas is increasing [3]. In general, development of renewable energy resources, improvement of global projects on energy efficiency, can give positive results. In addition, raising the level of employment in areas with ecologically clean production areas is of great importance.

Developed countries are in a better position in the new jobs created in green economic areas. New jobs are being created in the field of green energy and renewable resources in countries such as Italy, France, Spain, and Germany. The level of GDP growth is expanding [4].

S.Korea, Japan, Malaysia, Indonesia, Singapore and China are applying new innovative technologies in the field of renewable energy. These cities have renewable energy sources such as solar energy and wind energy. S.Korea, China, Japan have a dominant share in the electric car market. The United States gives a lot of space to the application of hot technologies in the development of the green economy.

In the United States, renewable energy, energy efficiency, and environmental protection are more promising. Green energy incentive programs and green energy policies are constantly being improved in all states across America. Countries such as Argentina, Mexico, and Brazil are making extensive investments in the creation of modern energy sources such as new types of bio-energy and hydropower.

There are new employment opportunities in the regions in modern environmental issues. S. Korea, Singapore, Malaysia, Japan are leading countries in the production of wind energy and solar energy. They are even achieving success in areas such as hydrogen technology. Developed Asian countries are making significant investments in renewable energy sources. South Korea has chosen the creation of modern employment areas on the improvement of renewable energy and environmental technologies as the main priority. In the renewable wind and solar energy sector, there is an increase in the volume of production. Asian countries are making significant investments in renewable energy sources such as solar and wind power. Renewable energy projects are being implemented in Japan and Indonesia. Modern solar power plants are being formed.

S. Korea, Japan, China, India are leading countries in the production of electric cars and batteries for them. Well-known electric car manufacturers of Asia, such as BYD, Hyundai and Kia, have taken the leadership in sales worldwide from countries such as Germany, Italy, and USA. Development in this sector also increases the number of green jobs. At the same time, the level of employment in green economic areas also increases. South Korea and China are also producing new residential and industrial buildings that save green energy [3]. The design and construction of modern buildings with new innovative materials from an ecological point of view stimulates the increase in the number of modern workplaces. China, Malaysia, Japan, South Korea use modern innovations in energy efficiency improvement projects. They are always interested in the application of modern technologies. In general, green workplaces involve

strategic goals such as protecting natural resources in regions and reducing impacts on the natural environment.

Results

The implementation of measures aimed at the restoration and protection of nature can give positive results. The main goals in mind are to reduce the amount of waste in industrial enterprises and organize their proper management. At this time, it is necessary to implement rehabilitation projects.

It is important to protect fresh water resources in nature. In addition, efficient use of various renewable energy sources allows to protect nature. Sometimes these measures are not enough for the restoration of nature in the regions. In general, the efficient distribution of economic resources is an important factor. Creating green jobs can have positive results. However, it is impossible to solve all problems alone.

The prospect of green jobs should be looked at with more confidence. It should be noted that the green economy and sustainable economic development can seriously affect natural climate change. At this time, the fight against problems such as depletion of natural resources and environmental pollution is expanding [2]. This increases the demand for and availability of green jobs. Green economic sectors require extensive experience in environmental awareness and resource efficiency. In addition, in Azerbaijan and other countries, large investments are required to improve the efficiency of renewable energy sources and efficient waste management technologies.

Actions for the restoration of green transport can protect the environment. The rapid development of modern technologies in the field of solar and wind energy is observed in Azerbaijan. In general, in the near future, ensuring the activities of private entrepreneurs in the field of renewable energy will lead to positive results.

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НАПРАВЛЕНИЯ ПОВЫШЕНИЯ ЭФФЕКТИВНОСТИ ФУНКЦИОНИРОВАНИЯ «ЗЕЛЕННОЙ ЭКОНОМИКИ» В АЗЕРБАЙДЖАНЕ.

Аннотация

В статье рассмотрены направления повышения эффективности функционирования «зеленой экономики» в Азербайджане. В то же время в статье были рассмотрены меры, которые необходимо реализовать в этой сфере. Международный опыт показывает, что «необходимо развивать зеленую экономику. В статье выявлены существующие проблемы, указаны направления их устранения.

Ключевые слова: национальная экономика, развитие, инвестиции, трансформация, интеграция.

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Summary

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