



PRINCIPLES OF UZBEKISTAN IN ENSURING GLOBAL ENVIRONMENTAL SUSTAINABILITY

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Abstract

Promoting a green economy and ensuring environmental sustainability are part of a broader package of strategic reforms meant for preserving the environment, generating efficient utilization of natural resources, and balancing ecological safety with economic growth. All facets of social life have profited greatly from the green economy in recent years thanks to the changes that have been put in place in our nation. Interestingly, the term "green economy" is already commonly used. In this article, it has been discussed the principles of Uzbekistan in ensuring global environmental sustainability and learning from international experience and expertise.

Keywords: Global environmental sustainability, international experience, ecological pressing issues, green economy, strategic reforms, ecological safety.

Introduction

In Uzbekistan, the year 2025 has been designated as the "Year of Environmental Protection and Green Economy." President Shavkat Mirziyoyev explained this initiative, stating: "By dedicating a year to this cause, we will refine our laws and organize our efforts. No one believed that Uzbekistan would achieve such progress in wind, solar, and hydroelectric energy. During the Year of the Green Economy, we will study best practices. If we direct every decision, law, and decree towards sustainability, I believe it will be beneficial."

The head of our state delivered a speech at the "Abu Dhabi Sustainability Week" summit in the United Arab Emirates' capital. He highlighted that in particular to mitigate the consequences of climate change, guarantee sustainable growth, and strengthen global security, it is necessary to diversify energy sources and significantly reduce the use of hydrocarbons. Ensuring environmental



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sustainability and moving toward a "green" development model that prioritizes resource efficiency are New Uzbekistan's major objectives. Increasing the use of energy from renewable sources like solar, wind, hydro, and biogas while reducing emissions of dangerous gases, especially hydrocarbons, which contribute to climate change and accelerate global warming, are the primary initiatives in this direction. He additionally outlined strategic goals that should be carried out soon, addressing not just domestic but also regional and even international issues.

At the Abu Dhabi Sustainability Week summit, our nation's leader highlighted the development of a long-term low-carbon development strategy and a national "green" financing program. He noted that the "green" components of investment projects are set to increase by up to 50% over the next five years. Emphasizing the importance of achieving carbon neutrality, he underscored the need to reduce harmful gas emissions into the atmosphere and to implement environmentally friendly technologies as top priorities.

Our country's leader emphasised the establishment of a national "green" financing program and a long-term low-carbon development strategy during the Abu Dhabi Sustainability Week summit. Over the course of the next five decades, he said, the "green" aspects of investment projects are projected to increase by up to 50%. He underlined the significance of reducing harmful gas emissions into the atmosphere and placing environmentally friendly technologies into operation as priority objectives in order to achieve carbon neutrality.

Rapid progress is currently being observed regarding the implementation of national systems for monitoring greenhouse gas emissions along with establishing carbon trading quotas. President Shavkat Mirziyoyev emphasized intentions of reducing greenhouse gas emissions by 35% by 2030 in his speech at the UAE summit, with a commitment to continuously increase this objective. Uzbekistan has created specific programs and strategic goals to substantially decrease the amount of dangerous compounds in the air over the course of the following five years in order to accomplish this goal. Those initiatives emphasise on preventing air pollution, reducing negative effects, while keeping an eye on greenhouse gas levels.



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Since the launch of the "Yashil Makon" (Green Space) national project in our country, establishing new orchards in the southern oasis has become one of our key tasks. More than 40 million fruit and ornamental tree saplings have been planted in the Surkhandarya region alone. More than 42,000 fruit and ornamental seedlings have been planted in the 25 "Green Public Parks" that total 83 hectares and the 15 "Hokimlik gardens" that total 37 hectares.

The Ministry of Economic Development and Poverty Reduction has established a Technical Secretariat, comprising an additional four staff members, to coordinate the activities of the Donor Coordination Group. The "Green" Economy Strategy, Program, and Action Plan's tasks are carried out by the Interdepartmental Council with the help of this secretariat, which acts as its working body.

Additionally, in Surkhandarya, Kashkadarya, Syrdarya, Tashkent, and other areas, activists from the Republican Center for Spirituality and Enlightenment have started the construction of "Enlightenment Gardens" furnished with specialized libraries.

In his speech at the UAE summit, President Shavkat Mirziyoyev emphasized the importance of addressing environmental issues and supporting the "green" economy. He emphasized programs including sustaining natural ecosystems, restoring forests, conserving biodiversity, and promoting ecotourism. The president additionally stated goals of establishing special funds, releasing green bonds, and bringing in investments that will support environmental projects, among other initiatives, to finance more than 50 projects that will advance the "green" economy. These initiatives demonstrate Uzbekistan's commitment to sustainable development and bring the country into line with global goals. In Uzbekistan currently "green" development has spread throughout the country.

For proof that products have been produced with environmentally friendly technology and renewable energy sources, a system of "green certificates" will be created and put into place. This will make it possible for the tracking of all associated procedures. Through this strategy, manufacturers of renewable energy will guarantee the "cleanliness" of the energy by selling "green certificates" to end users, such as customers and product manufacturers. Because certificates must be obtained in the EU, the above approach permits end users to



increase their export and sales volumes while attracting "green" loans and investments from international financial institutions.

The development of the "green" economy, the implementation of "green" growth principles, and the coordination of initiatives that decrease greenhouse gas emissions across economic sectors are all responsibilities committed to the Ministry of Economic the development and Poverty Reduction. The development of "green" energy, which involves the widespread implementation of hydrogen and renewable energy sources, as well as strengthening energy efficiency and reducing the energy intensity of manufactured goods, has been given the responsibility to the Ministry of Energy.

Uzbekistan's transformation to a "green" economy has advanced significantly in recent years. More specifically, throughout the preceding five years, a number of initiatives have been put into action with the ultimate objective of increasing solar energy capacity. The Ministry of Energy estimates that the overall solar energy capacity is expected to exceed 1,000 MW by the end of 2023. The whole country intends to further develop its solar energy production even more for the purpose to build on these achievements.

Uzbekistan will progressively construct a state-regulated infrastructure to reduce greenhouse gas emissions between 2022 and 2026. This procedure involves establishing a national greenhouse gas inventory, creating and supervising a carbon unit registry, establishing in place a state accounting system for greenhouse gas emissions, as well as developing goal indicators for cutting emissions in various sectors of the economy. Furthermore, policies will be implemented to assist state-level initiatives to lower greenhouse gas emissions. During the official visit of the President of the Republic of Uzbekistan, Shavkat Mirziyoyev, to the United Arab Emirates, plans and objectives were outlined to elevate cooperation between the two countries in the field of "green energy" to a new level.

A draft law on "Limiting Greenhouse Gas Emissions" will be created by the Republic of Uzbekistan. In addition, a 2023–2026 action plan will be developed for the progressive implementation of a state-regulated greenhouse gas emissions infrastructure. Implementing a system for accounting for greenhouse gas emissions, keeping up a national registry of emissions and a registry of



carbon units, establishing sector-specific emission reduction goals, and developing state support mechanisms for initiatives to reduce greenhouse gas emissions are all part of this program.

Projects in every industry will be established immediately and their potential to lower greenhouse gas emissions has been evaluated. Consequently, the production will be centered around international markets and the lower emissions will receive permission. By concentrating on governments with strict environmental regulations, namely those that are members of the European Union, this approach will assist in increasing the export volume of items that are environmentally friendly.

In conclusion, over 30% of the nation's land has been planned to be transformed into nature preserves, according to the state strategies. As a result, there will be more green space in cities and the air quality will progressively get better. As part of these reforms, it seems that it's important that people learn more about environmental protection measures and "green" economy projects, with particular emphasis on strengthening the population's ecological consciousness and competencies. I am absolutely confident that the objectives will be met if everyone makes an effort to enhance their environment. Most significantly, the country's air pollution levels will drop dramatically, the waste recycling system will get more effective, and the "green" economy's portion of the economy will grow.

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