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## APPLICATION OF INTERNATIONAL ENVIRONMENTAL STANDARDS IN UKRAINE

**Abstract.** *International environmental standards are important guidelines for countries seeking to solve environmental problems and promote sustainable development. Ukraine, as a party to various international agreements and conventions, has integrated many of these standards into its legislation.*

**Keywords:** environmental standards, sustainable development, economic sector, waste management, water resources, environmental policy.

International environmental standards typically represent guiding principles, principles, and rules for addressing urgent environmental issues. These standards play a key role in directing countries towards sustainable development, protecting the natural environment, managing resources, and controlling pollution. Ukraine, with its diverse ecosystems, industrial activities, and agricultural practices, also faces significant environmental challenges. Therefore, it has committed to adhering to international agreements and conventions, incorporating their principles and standards into national legislation. Specifically:

In the energy sector, efforts have been made to reduce greenhouse gas emissions in accordance with the Paris International Agreement. To achieve this goal, the country has begun diversifying its energy balance by promoting renewable energy sources such as wind and solar energy. The consequences of these efforts are already evident - reduced carbon dioxide emissions, improved air quality, and increased energy security.

In the industrial sector, international measures to control pollution and resource efficiency standards have been introduced. Ukraine has equipped some productions with "green" technologies and uses international waste management practices to minimize their impact on the natural environment. Industrial enterprises already have practices to reduce air and water pollution, optimize energy use, and waste recycling. As a result, environmental pollution levels have decreased, industrial waste accumulation has decreased, and overall environmental indicators have improved.

In agriculture, international environmental standards have also been introduced, particularly concerning sustainable biodiversity conservation practices, organic farming methods, ecological approaches, and integrated pest management. Farmers use measures to reduce soil erosion, decrease pesticide and mineral fertilizer runoff, and restore biodiversity. Such methods have led to increased soil fertility, minimized environmental pollution, and improved biodiversity.

In waste management, Ukraine's waste management has changed in accordance with international recommendations: waste management infrastructure has increased, promoting recycling, reuse, and waste-to-energy conversion. Municipalities have

established waste processing enterprises, implemented separate waste collection systems, and started public awareness campaigns. As a result, landfill areas have decreased, environmental pollution has been minimized, and resources are used more efficiently.

Regarding water resources, water resource management is being shaped in accordance with international water quality standards and wastewater treatment requirements. The country has invested in building wastewater treatment plants and implementing water quality monitoring programs. Significant efforts have been made to protect water bodies from pollution and degradation through stricter rules and enforcement measures. As a result, water quality has improved, water ecosystems have been preserved, and public health has improved.

Despite the achievements, problems still persist, and more efforts are needed to fully implement international environmental standards in all sectors of production. Limited funding, low technical expertise, and public awareness pose obstacles to achieving environmental sustainability. Addressing these issues requires deep cooperation between government agencies, private sector stakeholders, and civil society organizations. Efforts to build domestic capacity, educational initiatives, and financial support can provide an opportunity to effectively implement "green" practices.

**Conclusion.** The introduction of international environmental standards in Ukraine has led to significant improvement in the environmental situation in various sectors of the economy, which is currently suffering from Russian aggression. By directing domestic environmental policy towards the clear implementation of international agreements, Ukraine can achieve significant success in greening its economy.

### References

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