

Analytical Supplement

Each thematic section of the Strategy is built according to a unified structure, which includes:

- vision and strategic goals of the direction;
- analysis of the current state of the direction - conclusions and key aspects;
- challenges and barriers to achieving strategic goals;
- strategic policy course - ways to achieve strategic goals and related tasks;
- target indicators, the achievement of which is planned by 2030;
- expected results in the direction.

The text below provides citations translated with the help of Google translate from the Strategy relevant to the EU4Environment Programme Activities.

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Section 10 Industry

Strategic course of industry development

Under the strategic goal 3 "Strengthening the competitiveness of industrial products produced in Ukraine, the introduction of resource- and energy-efficient technologies": (Activity 2)

4. Stimulating the development of a circular economy	<ul style="list-style-type: none">creation of transparent and competitive markets for secondary raw materials by improving and harmonizing the legislation of Ukraine with the relevant legislation and norms and rules of the EUstimulating the reduction of waste generationsimplification of the procedure for carrying out operations with scrap metalformation of circular economy policyintroduction of an extended producer responsibility systemintroduction of a set of measures for the commercial development of industrial dumps
5. Improving resource efficiency	<ul style="list-style-type: none">raising awareness about the introduction of resource-efficient technologiesintroduction of effective regulation in the field of resource conservation and use of renewable energy sourcesattracting grants and loans for resource-saving and energy-saving technologiesensuring access to high-quality energy auditsensuring the implementation of energy management systemsdevelopment of sustainable public procurement by raising awareness of market participants and methodological support for the application of sustainability criteriaintroduction of a system of tax incentives for eco-modernizationintroduction of a system of trading in greenhouse gas emission allowances and other instruments for setting the price of greenhouse gas emissionsintroduction of the best available technologies and management methods

TARGET INDICATORS – 2030

Section 10/ strategic goal 3 "Strengthening the competitiveness of industrial products produced in Ukraine, the introduction of resource- and energy-efficient technologies":

- achieving a reduction in the cost of financial resources to the average in Eastern European countries;
- increasing the level of industrial waste utilization to 60 percent;
- ensuring the modernization of 30 percent of fixed assets;
- reduction of specific indicators of energy and coal consumption per unit of output.

Expected result:

- strengthening the competitiveness of industrial products produced in Ukraine, the introduction of resource- and energy-efficient technologies;

Section 20 Quality of Life

Strategic goal 3 "Creating a safe environment for the population"

The Strategy highlights: "there is a need to improve public policy in the field of environmental management and protection, nature management, adaptation to climate change and the transition to the principles of "green economy".

Challenges and barriers to achieving strategic goals

According to strategic goal 3 "Ensuring a safe environment for the population":

in the part "**Public administration and control**": (Activity 3)

- the environmental component is not taken into account when developing government and industry strategies;
- between central executive bodies there is duplication of powers and a combination of powers in policy-making and business management;
- low efficiency of state supervision (control) over compliance with the requirements of the legislation on environmental protection and rational use of natural resources;
- low level of salaries, outdated material and technical base does not allow to carry out effective technical control;
- transparent and open to all procedures for access to source data in the permitting documentation of enterprises on emissions, water use and discharge of return water, subsoil use;
- low institutional capacity of the State Ecoinspection;
- lack of unified consolidated electronic registers of data on issued permits, results of inspections and implementation of instructions of the State Ecoinspection, on the number of emissions, general information on the state of the environment online in open access;
- lack of electronic accounting for the use of natural resources, handling of hazardous materials;
- insufficient funding in the field of environmental protection, including the system of state environmental monitoring;

in the part "**Preservation of natural resources and rational use of nature**":

- weak control over illegal deforestation, non-transparent timber market, lack of a system for monitoring and eliminating forest fires;
- there is no strategy for the development of the forest industry;
- there is no concept of increasing forest areas and total forest cover in Ukraine;
- unbalanced structure of land use and high plowed lands of Ukraine;
- there is no control over the violation of the conditions of plowing of land plots;
- unsatisfactory quality of surface and groundwater;
- low air quality;
- low rates of increase of protected areas, and their area is insufficient to preserve rare and endangered species of plants and animals, their habitats;
- underfunding of measures related to the functioning of territories and objects of the nature reserve fund;

in the part "**Implementation of the principles of sustainable development and gradual transition to the" green economy "**: (Activity 1.1)

- sectoral strategies, policies and plans are not in line with climate planning documents, there are no plans to adapt to climate change;
- there are large amounts of accumulated waste, waste disposal sites do not meet the requirements of environmental safety;
- there are no effective measures to prevent waste generation, recycling and environmentally sound disposal;
- insufficient tax incentives and financial support for domestic enterprises to carry out eco-modernization and reduce emissions;
- there is no comprehensive coordinated policy to adapt to climate change in various sectors of the economy and public life;
- regulatory system in the field of chemical safety has a fragmentary inconsistent nature, there is no comprehensive management of chemical safety and management of chemical products.

Strategic course of quality policy in the field of quality of life

According to strategic goal 3 "Ensuring a safe environment for the population":

Ways to achieve a strategic goal	Task
<p>1. Improving public administration, monitoring and control, in particular:</p> <p>1) public administration</p>	<p>improving the institutional and technological capacity of environmental impact assessment and strategic environmental assessment of the implementation of state environmental standards and environmental requirements in new economic activities and in public administration and planning</p> <p>improving the regulation and reporting of environmental impact assessment</p> <p>development of Ukraine's position on participation in the "European Green Course" and adaptation of public policy in accordance with such a course</p> <p>introduction of the ecosystem approach in the sectoral policy and improvement of the system of integrated ecological management</p> <p>reforming the system of accrual and distribution of rent payments, environmental tax and penalties related to violations of environmental legislation, including ensuring the direction of 100 percent of revenues from environmental taxes and at least 15 percent of revenues from rent payments for the use of natural resources to finance environmental measures and environmental projects</p> <p>expansion of the list of activities related to environmental protection measures and can be financed from special funds of the state and local budgets</p> <p>promoting eco-modernization of Ukrainian enterprises through environmental tax and access to international financing</p>

Ways to achieve a strategic goal	Task
<p>2) control over compliance with environmental legislation</p> <p>3) monitoring of the environment</p>	<p>formation of an environmental fund as a separate legal entity with the involvement of additional funds to finance environmental measures and the implementation of environmental investment projects</p> <p>establishing the procedure for data exchange of state environmental monitoring, environmental impact assessment and inspections of state supervision and control in the field of environmental protection, integration of environmental data into the information system designed for public administration and planning</p> <p>adoption of a law on state environmental control in accordance with the best practices of EU countries</p> <p>updating the material and technical base of the State Ecoinspection in accordance with European standards and practices</p> <p>bringing the legislation and institutional capacity of the State Ecoinspection in line with the state environmental policy</p> <p>development of an electronic data management system for business entities, permits, licenses, inspections, results of instrumental and laboratory control, instructions of the State Coinspection</p> <p>strengthening liability for violations of environmental legislation</p> <p>elimination of duplication of powers between different authorities</p> <p>introduction of financial guarantees of environmental responsibility</p> <p>formation in accordance with the established procedure and ensuring the functioning of the central body of executive power, which implements the state policy on the implementation of state environmental control</p> <p>implementation of the environmental monitoring system in accordance with EU standards</p> <p>introduction of an air quality monitoring system in accordance with EU standards</p> <p>integration of data from state environmental monitoring, environmental impact assessment and inspections of state supervision and control in the field of environmental protection into a joint information system of environmental information</p> <p>launch of an information-analytical system for the collection and disclosure of environmental information, data on the use of natural resources and permits and data on the state of the environment online in open access and the provision of electronic services on this basis</p> <p>ensuring that the public is properly informed about the state of the quality of the natural environment</p>
<p>2. Conservation of natural resources and rational use of nature, in particular:</p>	

Ways to achieve a strategic goal	Task
1) forestry	<p>introduction of a forest management system based on a balanced provision of forests with economic, environmental and social functions, taking into account the need to adapt to climate change, preserve biodiversity, public participation in decision-making and transparency</p> <p>development of the forest management strategy of Ukraine until 2035</p> <p>improving legislation on the timber market</p> <p>delimitation of duplicate powers in the field of forestry and forest management</p> <p>conducting a national forest inventory</p> <p>creation of a mechanism to prevent forest fires and logging, taking into account the goals of biodiversity conservation, increasing forest cover, climate policy, protection of rivers and reservoirs</p>
2) Land resources	<p>improving measures to combat land degradation and desertification</p> <p>identification of areas vulnerable to (accumulation) of nitrates</p> <p>strengthening work in the areas of conservation, restoration and sustainable use of peatlands of wetlands, meadows, steppes and other valuable ecosystems</p> <p>ensuring the transition to the principles of ecologically balanced land use</p>
3) Biodiversity	<p>development of the Biodiversity Strategy until 2030</p> <p>updating the list of species of animals and plants listed in the Red Book of Ukraine</p> <p>Ratification of the Nagoya Protocol on Access to Genetic Resources and Equitable and Equitable Distribution of Benefits of Their Use under the Convention on Biological Diversity</p> <p>Ratification of the Nagoya-Kuala Lumpur Additional Liability Protocol and Compensation to the Cartagena Protocol on Biosafety</p> <p>improvement of legislation on the state biosafety system during the creation, testing, transportation and use of genetically modified organisms</p> <p>creation of a system of a biodiversity monitoring center and maintenance of state inventories of flora and fauna</p> <p>integration of the national ecological network of Ukraine into the General scheme of planning of territories of Ukraine</p> <p>formation of the national ecological network of Ukraine and its integration into the national infrastructure of geospatial data</p> <p>introduction of a ban on the use of wild animals in circuses, as well as in any other commercial activity of a public nature, except for stationary zoos</p>
3. Nature reserve fund	<p>increasing the area of territories and objects of the nature reserve fund to 15 percent of the state territory</p> <p>adoption of legislation on the territory of the Emerald Network</p>

Ways to achieve a strategic goal	Task
	<p>reforming the management of nature reserve fund institutions</p> <p>amendments to the administrative and criminal legislation to strengthen liability for violations in the field of nature reserves</p> <p>creation of an open database of the State Cadastre of Territories and Objects of the Nature Reserve Fund</p> <p>provision of relevant land plots to the institutions of the nature reserve fund for permanent use and establishment of the boundaries of the territories and objects of the nature reserve fund</p> <p>investment attraction and development of financing mechanisms for nature reserve fund management, recreational infrastructure and educational programs</p>
4) water resources and seas	<p>transition to integrated water resources management on a basin basis</p> <p>introduction of a new procedure for state water monitoring</p> <p>development and approval of river basin management plans</p> <p>development and approval of the Marine Environmental Strategy of Ukraine</p> <p>development and approval of an action plan to achieve and maintain the good ecological status of the Azov and Black Seas</p> <p>introduction of a state water monitoring program in accordance with the requirements of the EU Water Framework Directive</p>
5) Mineral Resources	<p>introduction of the state policy in the field of subsoil use, which will stimulate the increase of own production of minerals, reduction of Ukraine's dependence on energy imports and attraction of investments in the extractive industry creation of an open electronic database containing information about subsoil, permits for use</p>
4. Implementation of the principles of sustainable development and gradual transition to a "green economy", in particular regarding:	
1) climate change	<p>adoption of a reasonable second National-determined contribution of Ukraine to the Paris Agreement, taking into account the prospects for the restoration and increase of production of Ukrainian industry</p> <p>implementation of a system for monitoring, reporting and verification of greenhouse gas emissions at the plant level</p> <p>introduction of a national greenhouse gas emissions trading system</p> <p>approval of an integrated plan to combat climate change and energy development until 2030</p>

Ways to achieve a strategic goal	Task
	<p>development and implementation of the Framework Strategy for Adaptation to Climate Change in Ukraine until 2030</p> <p>development of sectoral climate policies and setting specific goals for each of them</p> <p>creation of a national climate fund</p> <p>introduction of “green bonds” to attract investments in eco-modernization and environmental projects</p> <p>implementation of sectoral climate policies for energy, industry, transport, housing and communal services, agricultural sector and other industries</p>
2) Waste	<p>Adoption of the Laws of Ukraine “On Waste Management”, “On Packaging Waste”, “On Waste Management of the Extractive Industry”, “On Waste of Electrical and Electronic Equipment”, “On Batteries, Batteries and Accumulators”,</p> <p>adoption of regional waste management plans</p> <p>implementation of best practices in waste management</p> <p>establishing a waste management hierarchy</p> <p>attracting investments in the field of waste management</p> <p>creation of a modern waste management infrastructure</p> <p>reducing the number of landfills and dumps</p> <p>standardization of transboundary shipments of waste</p> <p>ensuring safe management of waste generated as a result of extraction</p> <p>accident prevention and creation of safety management systems</p> <p>provision of guarantees of owners on land reclamation</p> <p>introduction of the principle of extended producer responsibility</p> <p>creation of a system of separate collection and processing of packaging waste</p> <p>increasing the use of secondary raw materials and industrial waste</p> <p>creation of a proper information service both for business entities and for public authorities in the field of waste</p>
3) industrial pollution	<p>providing legal and institutional preconditions for effective prevention, reduction and control of industrial pollution</p> <p>improving the efficiency of state regulation in the field of industrial pollution</p> <p>Adoption of the Law of Ukraine “On Prevention, Reduction and Control of Industrial Pollution”</p> <p>introduction of an integrated permit and the best available technologies and management methods</p>

Ways to achieve a strategic goal	Task
	<p>introduction of the Unified state electronic information system of integrated permits</p> <p>improvement of the system of supervision (control) over the observance by economic entities of the legislation on environmental protection</p> <p>ensuring public access to information in the process of issuing an integrated permit and monitoring its implementation</p>
4) Chernobyl NPP and exclusion zone	<p>development and adoption of the Strategy for the development of the territory of the exclusion zone</p> <p>Adoption of the Law of Ukraine "On Amendments to the National Program of Decommissioning of the Chernobyl NPP and Transformation of the Shelter into an Environmentally Safe System"</p> <p>updating the legislation on the legal regime of the territory that was exposed to radioactive contamination as a result of the Chernobyl disaster</p> <p>approval of the radioactive waste management program</p> <p>transformation of the territory of the exclusion zone into a point of economic growth</p> <p>creation of a safe and comprehensive system for the management of used nuclear fuel</p>
5) Chemical safety	<p>creation of infrastructure for different types of waste management</p> <p>increasing the level of chemical safety</p> <p>adoption of legislation on chemical safety, which will provide for the establishment of goals of state policy in the field of chemical safety; identification of sources of chemical safety threats; introduction of chemical safety guarantees; rationing and standardization in the field of chemical safety; functioning of the information system in the field of chemical safety; requirements for production and handling of chemical products; formation of plans and programs in the field of chemical safety; introduction of financial and economic instruments in the field of chemical safety; liability for violation of chemical safety legislation, etc.</p> <p>introduction of a chemical safety and chemical management system</p>

TARGET INDICATORS – 2030

Selection 20 / strategic goal 3 "Ensuring a safe environment for the population":

- raising Ukraine's position from 60th to 30th in the Environmental Performance Index;
- fulfillment of national tasks Sustainable Development Goals № 6, 12 - 15 (UN SDG).

Expected Result: ensuring better quality and safety of the environment;