

“Approved”
General Director
of the State Enterprise “Navoiyuran”

_____ J.S. Fayzullaev

“___” _____ 2025

отформатировано: английский (США)
удалено: I approve
отформатировано: английский (США)

ENVIRONMENTAL PROTECTION AND CLIMATE RESILIENCE POLICY

1. GENERAL PROVISIONS

The State Enterprise " Navoiyuran " (hereinafter referred to as the SE " Navoiyuran ", the Enterprise), as a key producer of uranium products, is aware of its special responsibility for ensuring environmental safety, climate sustainability and minimizing the negative impact on the environment at all stages of the production cycle - from geological exploration and uranium ore mining to processing, production of finished goods and reclamation of production sites.

This Policy establishes uniform principles and obligations of the State Enterprise "Navoiyuran" in the field of environmental protection, climate risk management and radiation safety.

The Policy applies to all structural divisions of the Enterprise, including:

- Uranium production plant;
- Production sites (Zafarabad , Nurabad , Uchkuduk);
- Scientific and Production Center of Geology of Uranium and Rare Metals (Zafarabad , Uchkuduk, Nurabad , Tashkent).

2. STRATEGIC GOALS

Strategic objective: To achieve leadership in environmental safety, climate resilience, and the implementation of business processes in accordance with the principles of sustainable development in the uranium mining industry, to ensure reliable protection of personnel, the population, and the environment from the negative impacts associated with production activities, and to make an active contribution to a low-carbon future.

Key tasks:

- Regulatory Compliance: Full compliance with the requirements of the legislation of the Republic of Uzbekistan, international conventions, standards, and best available practices.
- Effective implementation of measures to adapt to climate change: Implementation of a comprehensive system of measures to adapt to climate change, development and implementation of plans for adaptation and mitigation of the consequences of climate change.
- Reducing environmental impact: Phased reduction of pollutant emissions, wastewater discharges and waste generation, including greenhouse gases .
- Resource efficiency : Implementation of circular economy principles, rational and efficient use of water, energy and material resources.
- Implementation of the best available technologies (BAT): Continuous search, evaluation and implementation of modern, resource-saving and environmentally friendly technologies and equipment.
- Risk management: Systematic identification, assessment and management of environmental, radiation and climate risks at all stages of the project life cycle, including the assessment of physical and transition risks. Management of climate, environmental and radiation risks, including measures of adaptation to climate change: Systematic identification, assessment and management of climate, environmental and radiation risks at all stages of the project life cycle, including the analysis of physical and transition climate risks, the development and implementation of measures of adaptation and mitigation of the consequences of climate change.
- Biodiversity conservation: Implementation of measures to conserve and restore biodiversity in areas affected by the Company's activities.
- Emergency Preparedness: Maintaining a high level of readiness for rapid response and localization of the consequences of emergency situations and incidents.
- Openness and transparency: Ensuring transparency of operations, conducting constructive dialogue with stakeholders and regularly reporting publicly on environmental performance and climate initiatives.
- Personnel development: Developing a high level of environmental awareness and responsibility among all employees and contractors through continuous training and awareness raising.

3. SCOPE OF APPLICATION

The provisions of this Policy are mandatory for all employees of the State Enterprise "Navoiyuran", including managers at all levels, personnel of structural divisions, as well as representatives of contractors and partners when performing work, providing services or carrying out any activities at the facilities of the Enterprise or in its interests.

The policy applies to all business processes, production operations, administrative activities, and stages of the project life cycle, including design, construction, operation, and decommissioning of facilities.

4. REGULATORY FRAMEWORK

In its activities, the State Enterprise "Navoiyuran" is guided by the principles established in the following documents:

National legislation:

- [Law of the Republic of Uzbekistan "On Nature Protection";](#)
 - [Law of the Republic of Uzbekistan "On Atmospheric Air Protection" No. 353-I;](#)
 - [Law of the Republic of Uzbekistan "On Limiting Greenhouse Gas Emissions";](#)
 - [Law of the Republic of Uzbekistan "On Waste" No. 362-II of April 5, 2002](#)
 - [Resolution of the Cabinet of Ministers of the Republic of Uzbekistan No. 14 of January 21, 2014 "On the Procedure for Developing and Coordinating Draft Environmental Standards";](#)
 - [Sanitary Rules and Regulations of the Republic of Uzbekistan No. 0293-11, No. 0294-11, and No. 0350-17 on Atmospheric Air Quality;](#)
 - [Concept of Environmental Protection of the Republic of Uzbekistan until 2030 \(UP-5863 of October 30, 2019\);](#)
 - [Decree of the President of the Republic of Uzbekistan No. UP-46 of December 30, 2021, "On measures to accelerate landscaping work";](#)
 - [Decree of the President of the Republic of Uzbekistan No. UP-217 of November 18, 2025, "On measures to create a management system for promptly responding to public demands in the areas of ecology and tourism"](#)

4.1.

- Legislation of the Republic of Uzbekistan in the field of environmental protection, sanitary and epidemiological welfare, industrial, radiation and fire safety.
 - Water and Land Codes.
 - National strategies and concepts in the field of environmental protection and the transition to a green economy.

4.2. International conventions and agreements :

- Generally accepted IAEA norms and standards in the field of radiation safety, radioactive waste management and physical protection.
- Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management.
 - Paris Climate Agreement.
 - Convention on Biological Diversity (CBD).
 - Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal.
 - Minamata Convention on Mercury.

4.3. International standards and guidelines :

- ISO 14001:2015 "Environmental management systems — Requirements with guidance for use."
- ISO 50001:2018 "Energy management systems — Requirements with guidance for use."
- ISO 14064 "Greenhouse gases".
- Performance standards of the International Finance Corporation (IFC) and the European Bank for Reconstruction and Development (EBRD).
- Principles of the United Nations Global Compact (UNGC).
- Recommendations of the Task Force on Climate-related Financial Disclosures (TCFD).

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удалено: 4.1. National legislation on :

Закон Республики Узбекистан «Об охране природы»;¶

Закон Республики Узбекистан «Об охране атмосферного воздуха» № 353-1;¶

Закон Республики Узбекистан «Об ограничении выбросов парниковых газов»;¶

Закон Республики Узбекистан «Об отходах» № 362-II от 05.04.2002¶

Постановление Кабинета Министров РУз № 14 от 21.01.2014 «О порядке разработки и согласования проектов экологических нормативов»;¶

СанПиН РУз № 0293-11, № 0294-11 и № 0350-17 по качеству атмосферного воздуха;¶

Концепция охраны окружающей среды РУз до 2030 г. (УП-5863 от 30.10.2019);¶

Указ Президента РУз № УП-46 от 30.12.2021 «О мерах по ускорению работ по озеленению»;¶

Указ Президента РУз № УП-217 от 18.11.2025 «О мерах по созданию системы управления по оперативному реагированию на требования населения в сферах экологии и туризма»;¶

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Добавлено примечание ([DS3]): IPCC

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- [IPCC](#)
- [ISSB](#)
- [IFRS S1 S2](#)

5. Main tasks

- **Compliance with legal requirements and international standards:** Enterprise ensures compliance with current environmental legislation and applicable international agreements and standards in the field of environmental protection;
- **Pollution prevention and reduction of negative impacts:** implementation of preventive measures and technologies aimed at preventing pollution of atmospheric air, water resources, soil cover and preserving biodiversity;
- **Environmental risk management:** Risk identification and management is carried out by identifying and eliminating the causes of potential incidents and conducting systematic checks on compliance with environmental standards.
- **Responsibility:** active participation of all levels of management in ensuring compliance with environmental standards of production.
- **Integration into processes:** environmental safety is an integral part of every business process; environmental factors must be managed at all stages of planning and the production cycle;
- **Analysis and improvement:** continuous improvement of the environmental management system through regular monitoring, auditing and corrective actions.
- **Ensuring transparency and informing stakeholders:** maintaining an open dialogue with the public, authorities, partners and employees on environmental issues, and regularly providing relevant environmental information in accordance with established internal procedures;
- **Improving environmental culture and qualifications of personnel:** training and raising awareness of employees on environmental protection issues to develop a responsible attitude towards environmental protection activities;
- **Promoting sustainable environmental development in the regions where the Company operates:** at all stages of the project lifecycle, the social and environmental interests of the regions and communities where the Company operates are taken into account, with the aim of ensuring a balance between economic development and the preservation of natural potential.

6. MAIN ACTIVITIES

Компания интегрирует свои ключевые принципы и ценности непосредственно в операционную деятельность. Это достигается путем реализации конкретных стратегических задач по следующим ключевым направлениям:

6.1. Air Protection and Climate Change Management

- Conducting regular inventories of pollutant and greenhouse gas emissions.
- Developing and implementing emission reduction programs, including achieving carbon footprint reduction and carbon neutrality goals.
- Implementing automatic emission control and air quality monitoring systems.
- Assessing the vulnerability of facilities to climate change and developing adaptation plans.

6.2. Water Resource Protection and Rational Use

- Implementing and developing recirculating and water supply systems.
- Strictly monitoring freshwater intake and wastewater discharge, including industrial effluents.

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Добавлено примечание ([DS6]): tasks

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- Implementing water-saving technologies and measures to reduce (minimize) water consumption.
- Conducting regular monitoring of the quality of surface and groundwater (water bodies).

6.3. Management of Production and Consumption Waste, Including Radioactive Waste

- Conducting a waste inventory and implementing a waste classification system.
- Prioritizing waste prevention, reuse, processing, and recycling.
- Ensuring safe temporary storage, transportation, and final disposal (burial) of waste, including hazardous and radioactive waste, in accordance with national requirements and IAEA standards.
- Developing and implementing programs to reduce (minimize) waste generation.

6.4. Radiation Safety and Protection

- Ensuring systematic radiation monitoring at workplaces, production sites (industrial site), in the sanitary protection zone, and observation zone.
- Conducting individual dosimetric monitoring of personnel.
- Guaranteeing (strict) compliance with radiation safety regulations and requirements.
- Ensuring physical protection of nuclear materials, radioactive substances, and facilities where they are used.

6.5. Land use, biodiversity conservation and reclamation:

Goal: Achieve "No net negative impact" on biodiversity (the "net zero" principle).

The company is guided by the Hierarchy of Mitigation Measures:

Measure	Description and Implementation
Prevention (Avoidance):	Conducting a Biodiversity Impact Assessment (BIA) at an early stage to identify critical habitats and endangered species. Priority is given to modifying design solutions or abandoning sites.
Minimization:	Developing and implementing measures to minimize residual negative impacts on flora and fauna (seasonal work restrictions, use of BAT Best Available Technologies).
Restoration and Compensation:	Conducting phased, complete technical and biological remediation of disturbed lands. As a last resort, if a "zero balance" is not achieved, compensatory measures are applied.

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Monitoring and Expertise:

- Monitoring: Provided at two levels (Operational and Status) in accordance with the Law of the Republic of Uzbekistan "On Nature Protection" (Article 28).
- Expertise: The most complex and labor-intensive stages (environmental safety assessment, inventory, and development of environmental management plans) are performed by external scientific and expert organizations under contract. The Environmental Protection Department carries out quality control and systematization of data.
- Financial Obligations: The management of the Navoiyuran State Enterprise undertakes to provide sufficient financial guarantees to fulfill all obligations regarding the reclamation and liquidation of sites.
- Conducting biodiversity impact assessments at all stages of the project life cycle.
- Development and implementation of biodiversity management plans and land reclamation plans.
- Carrying out planned work on reclamation of mined-out areas of the underground leaching site.
- Participation in environmental protection and forest restoration programs.

6.6 Energy efficiency and energy management:

- Conducting energy audits and implementing energy management systems.
- Implementation of measures to improve energy efficiency and energy conservation
- Phased implementation and use of renewable energy sources.

7 Tasks

7.1. Задачи в области экологического менеджмента и персонала

Nº	Objectives
1.	Professional selection of employees based on their environmental competence.
2.	Staff training, advanced training, and promotion of environmental awareness and responsible behavior.
3.	Systematic identification, assessment, and management of environmental, radiation, and climate risks.
4.	Organization and implementation of industrial environmental control and environmental impact monitoring.
5.	Ensuring social protection of employees in terms of environmental and sanitary safety.
6.	Monitoring compliance with environmental protection requirements by personnel.

7.2. Tasks in the field of exposure prevention and control

<u>Nº</u>	<u>Objectives</u>
1.	<u>Ensuring compliance with environmental permits and regulations during the operation of all production facilities.</u>
2.	<u>Monitoring the compliance of design documentation with environmental legislation and best available techniques at the design stage.</u>
3.	<u>Ensuring the safety of production equipment and technological processes that impact environmental pollution.</u>
4.	<u>Phased reduction of emissions, discharges, and waste generation, as well as the rational use of natural resources.</u>
5.	<u>Ensuring preparedness for actions to contain and eliminate the consequences of environmental accidents.</u>
6.	<u>Development and implementation of environmental protection measures and programs (including reclamation and biodiversity conservation).</u>

8. COMMITMENTS OF THE SE "NAVOIYURAN"

The management of the SE "NavoiYuran" formally assumes the following obligations and ensures their unconditional fulfillment.

1. Compliance with Law: Ensure unconditional and full compliance with all applicable legislative and regulatory requirements of the Republic of Uzbekistan, as well as the voluntary international commitments adopted by the Company.
2. Priority of Prevention: Ensure that preventive measures take priority over corrective measures, guided by the principle of preventing environmental pollution and reducing radiation and environmental risks.
3. Continuous Improvement: Ensure continuous improvement of the Company's environmental management system, including environmental performance indicators, and regularly conduct internal and external audits.
4. Resources and Competencies: Ensure the availability of the necessary financial, human, and material resources for the implementation of this Policy, as well as the required level of personnel training and competence.
5. Biodiversity Conservation: Ensure the implementation of the Hierarchy of Mitigation

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удалено: Задачи

Отформатированная таблица

удалено: Обеспечение соблюдения требований

отформатировано

удалено: Контроль соответствия проектной

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Measures and strive to achieve "No Net Negative Impact" on biodiversity in the Company's areas of operation.

6. Resource Efficiency: Ensure the rational use of natural resources (water, energy, and land) and consistently implement circular economy principles.

7. Transparency and Dialogue: Ensure openness and accessibility of information on the Company's environmental activities and maintain a constructive dialogue with government agencies, public organizations, and stakeholders.

8. Financial Commitments: Provide sufficient financial guarantees to fulfill all obligations related to the reclamation and decommissioning of sites, ensuring long-term environmental safety.

9. FINAL PROVISIONS

9.1. Monitoring and Responsibility

- Monitoring: Responsibility for monitoring compliance with the provisions of this Policy rests with the Environmental Protection Department (EPD), while overall management rests with the General Director of the Navoiyuran State Enterprise.
- Monitoring: Environmental impact monitoring, including monitoring the achievement of the "zero balance" for biodiversity, is carried out at two levels:
 - Operational Control: Internal control of standards and the use of automated continuous monitoring systems.
 - Status Monitoring: Periodic baseline and seasonal studies conducted by external specialized scientific organizations under contract.
 - Contractors and Partners:
 - Are obligated to comply with the requirements of this Policy, as well as other internal documents of the Navoiyuran State Enterprise in the area of EP and safety when performing work and providing services at the Enterprise's facilities.
 - Responsibility for compliance by contractors rests with the heads of the structural divisions of the Navoiyuran State Enterprise that engage them. Monitoring and Responsibility for Compliance with the Unified Policy
- This policy must be communicated to all employees of the Navoiyuran State Enterprise.
- Monitoring is accomplished through the organization and implementation of compliance monitoring for occupational safety requirements, through inspections conducted by bodies within the tiered control system.
- Each employee is responsible for compliance with the requirements of this policy within their competence.
- Disciplinary sanctions are imposed in accordance with the labor legislation of the Republic of Uzbekistan.

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9.2. Review Procedure, Storage

- **Validity Period:** This Policy is reviewed at least once every five years or earlier in the event of significant changes in the legislation of the Republic of Uzbekistan, production technologies, or the structure of the Enterprise.
- **Approval:** All amendments and new versions of the Policy are approved by the General Director of the Navoiyuran State Enterprise.

Storage

- [Electronic version \(DOC format\): Stored on the personal computer of the Head of the Technical Policy Department and the Head of the Environmental Protection Department.](#)
- [Paper version \(original\): Stored in the Technical Policy Department](#)
- [Distribution: Distributed as a PDF copy of the document, with protection for printing and editing.](#)

FINAL PROVISIONS

This Policy shall enter into force upon its approval by order of the General Director.

If any provisions of this Policy, for any reason, conflict with mandatory requirements for the Company established by the legislation of the Republic of Uzbekistan (mandatory norms), such provisions shall lose their legal force, and until appropriate amendments are made to this Policy, the Company shall be governed by the provisions of the current legislation of the Republic of Uzbekistan.

Mailing List

This document is distributed to:

1. The management of the Navoiyuran State Enterprise
2. All departments, divisions, and services of the executive office of the Navoiyuran State Enterprise
3. All structural divisions of the Navoiyuran State Enterprise.
4. Departments, services, workshops, and sections subordinate to the structural divisions of the Navoiyuran State Enterprise.

Change Registration Sheet

Amendment number	Sheet number	Reason for amendment	Signature transcript	Date	Date of change introduction
replaced	new ones	annuled	Signature		

удалено: Лист регистрации изменений¶

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