



D. Serikbayev

**EAST
KAZAKHSTAN
TECHNICAL
UNIVERSITY**

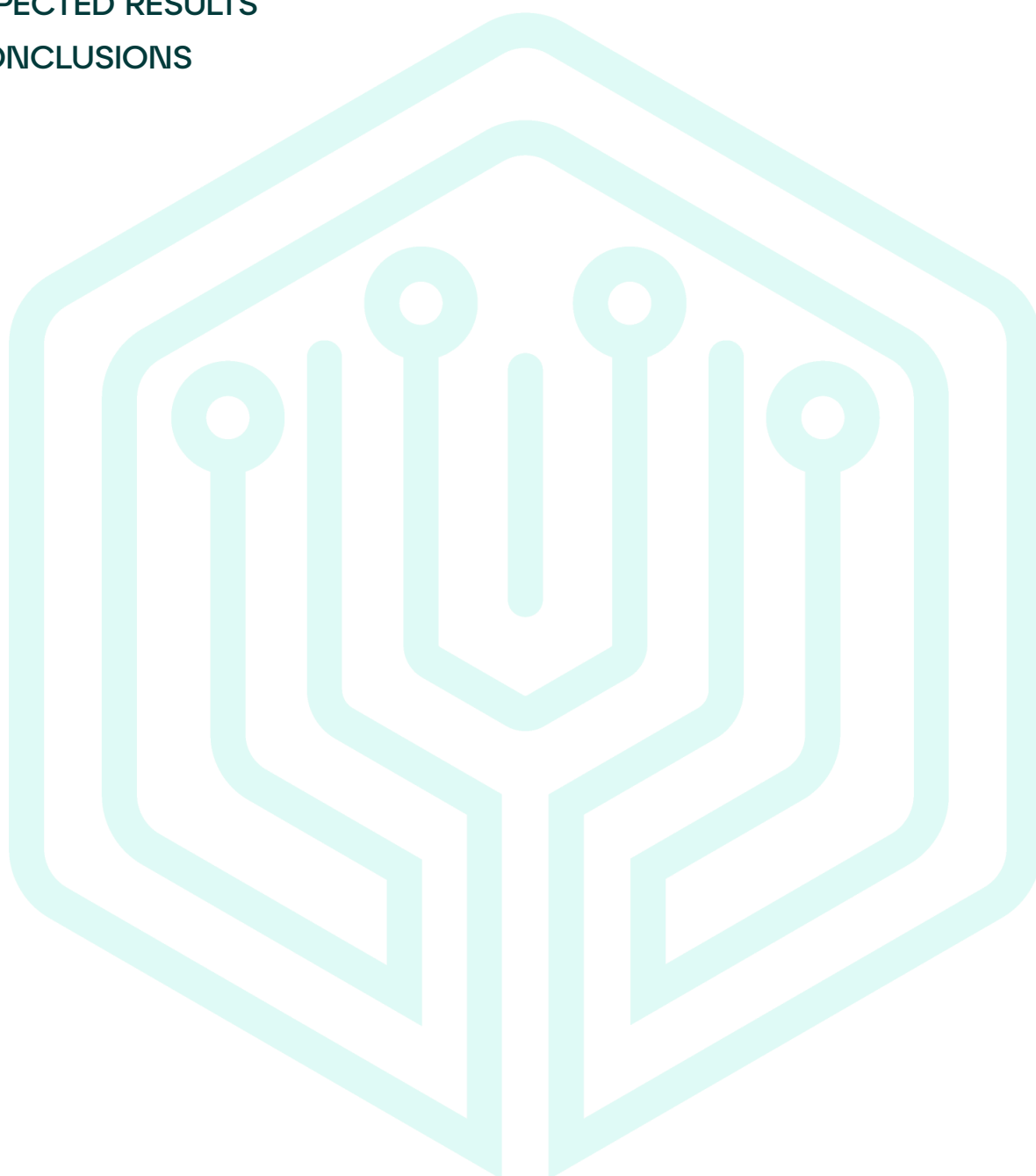
SDG 14

Policy of NJSC «D. Serikbayev EKTU»



TABLE OF CONTENTS

1 GENERAL PROVISIONS	3
1.1 Goal	3
2 MAIN DIRECTIONS OF THE POLICY	3
2.1 Proposed measures	5
3 EXPECTED RESULTS	6
4 CONCLUSIONS	6



1. GENERAL PROVISIONS

1.1 Goal



UN Sustainable Development Goal No. 14 — “Life Below Water” — is aimed at conserving and sustainably using the oceans, seas, and marine resources for sustainable development.

Although D. Serikbayev East Kazakhstan Technical University (hereinafter — the University) is located in a continental region, its activities contribute to the achievement of SDG 14 through the development of environmental technologies, sustainable water use, education in water resource protection, and the training of specialists in ecology and water management.

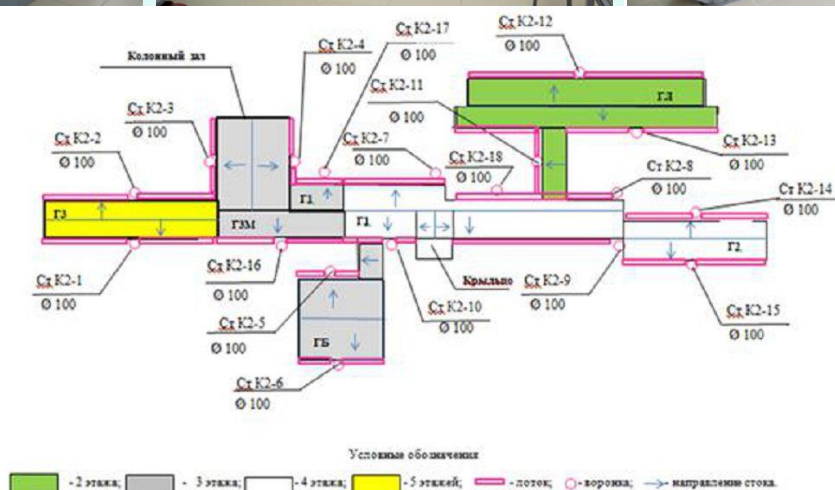
D. Serikbayev EKTU recognizes the critical importance of preserving aquatic ecosystems and the rational use of water resources for sustainable development and societal well-being. The University is committed to implementing systemic measures aimed at reducing negative impacts on water bodies, conserving biodiversity, and fostering environmental awareness among students and staff.

This Policy defines the goals, objectives, and priority areas of the University’s activities contributing to the achievement of SDG 14, as well as the responsibilities of structural units for their implementation.

2. MAIN DIRECTIONS OF THE POLICY

Direction	D. Serikbayev EKTU
<i>Educational and research activities</i>	Educational programs: bachelor’s degree «6B08601 – Water Resources and Water Use», master’s degree «7M07310 – Water Supply and Sewerage». Utilization of the scientific and technical potential of the Center for Competence and Technology Transfer in Water Management and Use at EKTU as a key platform for applied research and the implementation of innovations in the field of aquatic ecosystems.
<i>Environmental responsibility and rational water use</i>	Development of campus practices for “green” water use — monitoring water quality, implementing efficient supply and sewerage systems, and engaging students and staff in improving water infrastructure chains. Support and implementation of the “Water Green Campus” program as an integral component of water resource management within the University’s infrastructure.
<i>Scientific and project activities</i>	The University receives grant funding in priority areas of scientific and technological development.

	Scientific project: BR21881921 “Assessment of the Water Ecosystem of the Irtysh River Basin under Conditions of Industrial Development and Global Processes.” Collaboration with the Pacific Technical University in the field of integrated use and protection of water resources.
Education, culture, and communication	The University conducts educational programs and research aimed at the protection and rational use of water resources, as well as the prevention of water pollution. Students and staff are involved in applied research projects, environmental volunteering initiatives, and international events that promote sustainable water resource management.





2.1 Proposed measures

- 1) **Modernization of the University's water infrastructure**
 - environmental audit, upgrading of water supply and sewerage systems, and implementation of water reuse and treatment technologies.
- 2) **«Water Green Campus» Program**
 - introduction of water-saving solutions: aeration nozzles, automated water consumption monitoring, quality control, and resource reuse.
- 3) **Development of scientific research and laboratories**
 - strengthening the activities of the Center for Competence and Technology Transfer, conducting applied research on water purification, monitoring, and ecosystem restoration.
- 4) **Strengthening the educational component**
 - inclusion of courses on hydroecology, sustainable water use, and green technologies in academic programs; organization of practical training at regional water management facilities.
- 5) **Partnership and innovation**
 - cooperation with governmental and international organizations, support for startups and student projects in the field of water technologies.
- 6) **Awareness and environmental culture**
 - lectures, campaigns, and initiatives on water resource protection, fostering a culture of responsible water use among students.

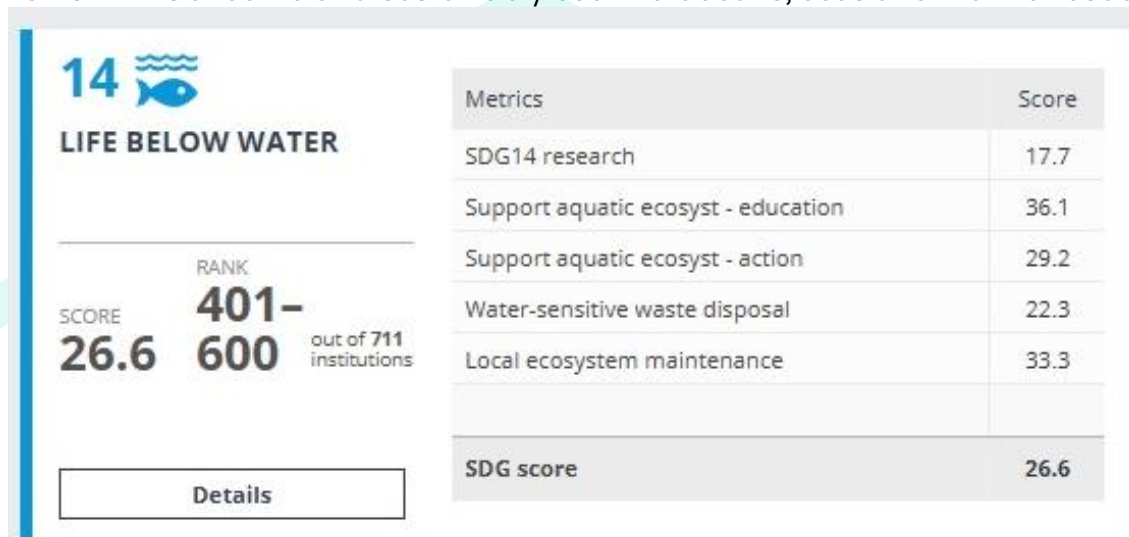
7) Monitoring and reporting

— annual reporting on EKTU’s contribution to the achievement of SDG 14, evaluation of policy effectiveness, policy adjustments, and publication of results.

3. EXPECTED RESULTS



Strengthening the University’s position in the international THE Impact Rankings under SDG 14 «Conserve and sustainably use the oceans, seas and marine resources».



Increase in the number of studies, projects, and technologies in the field of water treatment and rational water use.



Reduction of water consumption, implementation of water-saving systems, and improvement of environmental infrastructure.

4. CONCLUSIONS

D. Serikbayev East Kazakhstan Technical University reaffirms its commitment to the principles of sustainable development and the implementation of Sustainable Development Goal No. 14 — “Life Below Water.”

This Policy is aimed at improving the efficiency of water resource management, enhancing the University’s scientific and educational potential, and fostering an environmentally responsible approach to the use of natural resources.

The implementation of this Policy will ensure systematic cooperation among EKSTU’s structural units, students, and partners in the field of aquatic ecosystem protection and rational water use, as well as strengthen the University’s role as a leading regional center for environmental and innovative initiatives.