

STRATEGY OF THE "SUSTAINABLE DEVELOPMENT" RESEARCH CENTER FOR 2024-2026
BASED ON THE DEVELOPMENT PROGRAM OF KHOJA AKHMET YASSAWI
INTERNATIONAL KAZAKH-TURKISH UNIVERSITY FOR 2024-2029

APPROVED

Rector of Khoja Akhmet Yassawi International
Kazakh-Turkish University

_____ J. Temirbekova
“ _____ ” _____ 2024



**STRATEGY OF THE "SUSTAINABLE DEVELOPMENT" RESEARCH CENTER FOR
2024-2026
DEVELOPED BASED ON THE 2024-2029 DEVELOPMENT PROGRAM OF KHOJA
AKHMET YASSAWI INTERNATIONAL KAZAKH-TURKISH UNIVERSITY**

Director of the "Sustainable Development" Research Center
_____ T. Gaipov

The Development Program was reviewed at the
Management Council Meeting No. 1.

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TABLE OF CONTENTS

	Page
1. Passport of the "Sustainable Development" Research Center's Development Program	3
2. Analysis of External Environment and Current Conditions	8
3. Mission, Vision, Values, and Development Perspectives	10
4. Strategic Directions, Goals, Target Indicators, and Objectives	12
5. Expected Outcomes by 2026	18
6. Resources	19
7. Appendix	21

STRATEGY OF THE "SUSTAINABLE DEVELOPMENT" RESEARCH CENTER FOR 2024-2026
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 INTERNATIONAL KAZAKH-TURKISH UNIVERSITY FOR 2024-2029

**1.DEVELOPMENT PROGRAM PASSPORT OF THE SUSTAINABLE
 DEVELOPMENT RESEARCH CENTER**

PROGRAM NAME	"Sustainable Development" Research Center Development Program for 2024-2026
Rationale for Developing the Program	<p>The new development program of the "Sustainable Development" Research Center (hereinafter referred to as the Center) for 2024-2026 has been developed in accordance with the objectives, tasks, and key aspects of the following fundamental documents:</p> <ol style="list-style-type: none"> 1.The Charter of Khoja Akhmet Yassawi International Kazakh-Turkish University; 2.The Development Program for 2024-2029, discussed and approved at the 76th meeting of the Board of Trustees on February 24, 2024, which was developed in accordance with the goals, objectives, and key directions of the regulatory documents and laws of the Republic of Kazakhstan and the Republic of Türkiye.
Program Developer	Center Director, Center Employee
Program Direction and Objectives	<p>Strategic Direction 1: Enhancing Scientific and Innovative Potential</p> <p>Goal 1.1. Maintain and enhance sustainability. Goal 1.2. Improve the university's internal and external rankings. Goal 1.3. Develop the research center.</p>
Program Implementation Timeline and Stages	2024-2026 Years
Funding Sources	<ul style="list-style-type: none"> - Budgetary funds of Khoja Akhmet Yassawi International Kazakh-Turkish University; - Grant funding for scientific and/or scientific-technical projects.

1.1. GENERAL INFORMATION

The Sustainable Development Goals (SDGs) are a global agenda consisting of 17 goals adopted by the United Nations General Assembly in 2015. The primary objective of the SDGs is to address social, economic, and environmental challenges by 2030.

Key Objectives:

1. **No Poverty** – End poverty in all its forms everywhere.
2. **Zero Hunger** – Ensure food security and improved nutrition.
3. **Good Health and Well-being** – Ensure healthy lives and well-being for all at all ages.
4. **Quality Education** – Ensure inclusive and equitable quality education and lifelong learning opportunities.
5. **Gender Equality** – Achieve gender equality and empower all women and girls.
6. **Clean Water and Sanitation** – Ensure availability and sustainable management of water and sanitation.
7. **Affordable and Clean Energy** – Ensure access to affordable, reliable, sustainable, and modern energy.
8. **Decent Work and Economic Growth** – Promote inclusive and sustainable economic growth.
9. **Industry, Innovation, and Infrastructure** – Build resilient infrastructure and foster innovation.
10. **Reduced Inequality** – Reduce inequality within and among countries.
11. **Sustainable Cities and Communities** – Develop safe, inclusive, and sustainable urban areas.
12. **Responsible Consumption and Production** – Ensure sustainable consumption and production patterns.
13. **Climate Action** – Take urgent action to combat climate change and its impacts.
14. **Life Below Water** – Conserve and sustainably use oceans, seas, and marine resources.
15. **Life on Land** – Protect, restore, and promote sustainable use of terrestrial ecosystems.
16. **Peace, Justice, and Strong Institutions** – Promote justice, peace, and strong institutions.
17. **Partnerships for the Goals** – Strengthen global partnerships for sustainable development.

The SDGs aim to improve people's quality of life, maintain ecological balance, and expand economic opportunities to create a fair and just future for all.

To achieve these goals, the Khoja Akhmet Yassawi International Kazakh-Turkish University established the Sustainable Development Research Center in accordance with the decision No. 2.2.1 of the Board of Trustees (the highest decision-making body responsible for the university's administrative, financial, and academic governance) at its No. 1/1428 meeting in 2021.

Structure of the Center

According to its regulations, the Sustainable Development Research Center consists of:

A) Director

B) Leading Researcher

The Director of the Center is appointed by the Rector and the Rector's representative for a term of three (3) years.

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Mission of the Center

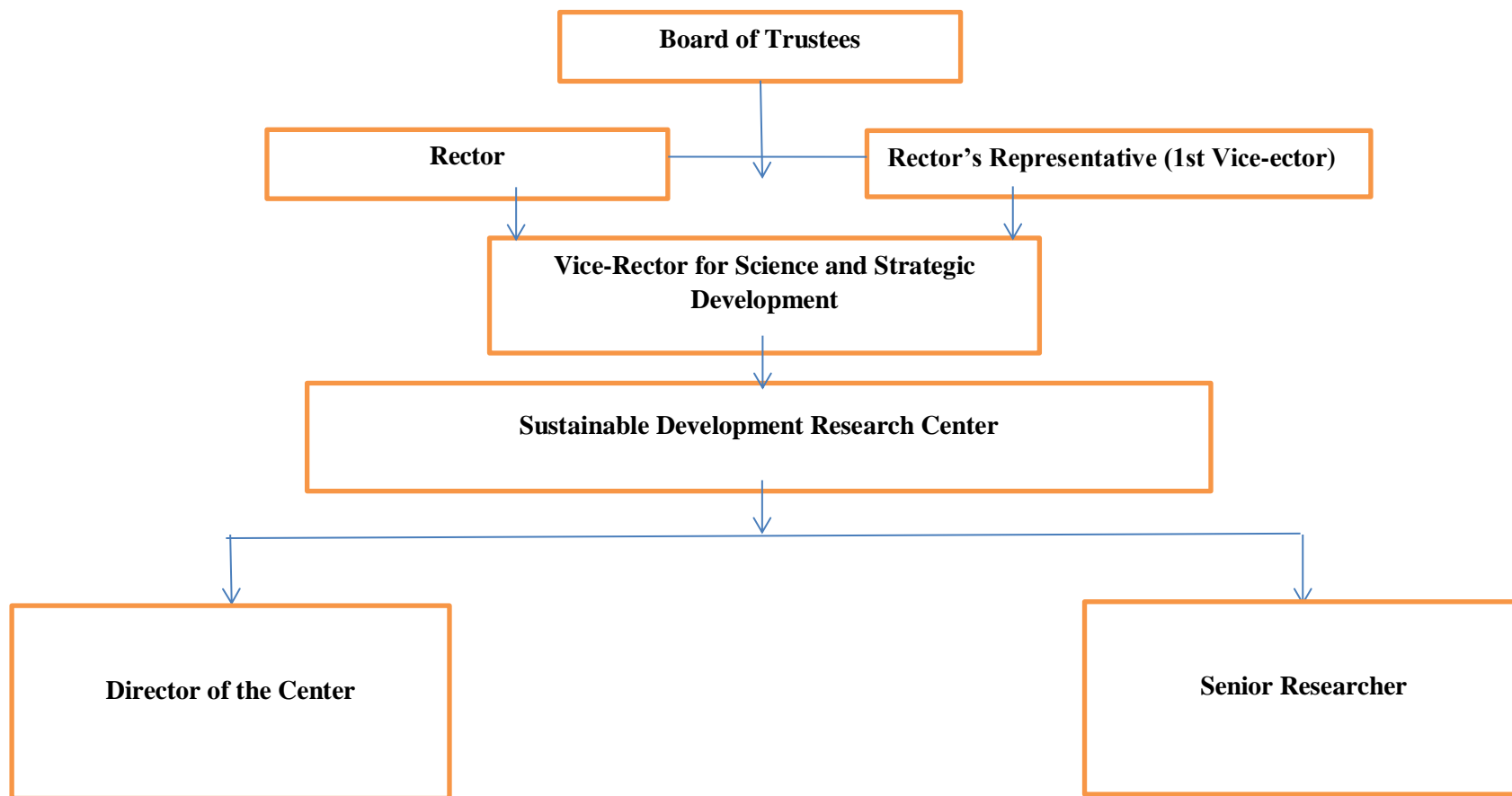
The Sustainable Development Research Center plays a crucial role in enhancing the university's internal and external rankings.

The first director of the Sustainable Development Research Center was Shamsiddin Çiğdem. Since 2024, the Center has been led by T. Gaipov.

The staff schedule of the Center is as follows:

№	The staff positions of the Center are as follows:	Штат бірлігі
1	Director	1
2	Senior Researcher	1

Structure of the Center



4. ANALYSIS OF THE EXTERNAL ENVIRONMENT AND CURRENT SITUATION

2.1. Trends in the Development of Higher Education and Science

The activities of the Sustainable Development Research Center are based on a comprehensive analysis of environmental, economic, and social conditions. This analysis covers the following aspects:

1. Environmental Analysis

The center studies the state of natural resources, ecosystem stability, and the impact of human activities on the environment. This includes issues such as climate change, the rational use of natural resources, and biodiversity conservation.

2. Social Analysis

By examining the well-being of various social groups, inequality, labor market conditions, public health, and education levels, the center provides recommendations to ensure social stability.

3. Economic Analysis

To support economic growth and sustainable development, the center researches resource efficiency, the transition to a green economy, and economic diversification. This analysis aims to align economic policies with sustainable development principles.

4. External Environment Analysis

Sustainable development centers evaluate external factors—international economic trends, global policies, climate change, and technological advancements—and assess their impact on national sustainable development. Such a comprehensive analysis helps refine sustainable development policies and make strategic decisions.

2. Research

The Sustainable Development Research Center is an institution that conducts essential scientific research to ensure sustainable development and provides recommendations to society, governments, and businesses. Its primary goal is to optimize current development paths while maintaining harmony between the environment, economy, and society to meet the needs of future generations. The center conducts research in the following areas:

1. Environmental Protection

Rational use and conservation of natural resources.
Studying climate change and its impacts.
Preserving biodiversity and ensuring ecosystem stability.

2. Green Economy

Research on green technologies and energy efficiency to promote environmental sustainability.
Implementation of waste management and recycling technologies.
Ensuring economic growth without harming the environment.

3. Social Stability

Addressing poverty and reducing social inequality.
Improving public health and education levels.
Researching social policies that enhance overall well-being.

4. International Cooperation

Sharing expertise on sustainable development at the international level.
Collaborating with the UN and other international organizations to implement sustainable development goals.
Conducting joint scientific research and projects to address global challenges.

5. Policy and Strategy

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INTERNATIONAL KAZAKH-TURKISH UNIVERSITY FOR 2024-2029

Developing scientific recommendations for sustainable development policies in both public and private sectors.

Creating long-term strategies to address economic, environmental, and social challenges.

Integrating sustainable development principles into legislative and regulatory frameworks.

3. International Cooperation

International Exchange of Researchers

The international cooperation of the Sustainable Development Research Center plays a crucial role in addressing global sustainability challenges. Through international experience exchange, joint research, and the sharing of innovations, the center contributes to achieving sustainable development goals.

4. Sustainable Development and Social Responsibility

Support for Sustainable Development Goals (SDGs)

Adaptation of Educational Programs: Universities develop programs aligned with sustainable development goals, enhancing students' environmental and social responsibility.

Research Activities: Scientific research in the field of sustainable development is conducted, and projects aimed at solving environmental issues are implemented.

SWOT талдауы

S(Strengths)–OurStrengths (Potential Positive Internal Factors)	W(Weaknesses)–OurWeaknesses (Potential Negative Internal Factors)
Professional Strengths of the Center <ol style="list-style-type: none">1. Highly Qualified Professionals – A team composed of experienced specialists and researchers.2. Focus on Innovation – The center actively applies new technologies and innovative methods to address sustainability challenges.3. Education and Knowledge Dissemination – Engaged in both conducting research and spreading awareness through educational programs on sustainable development.4. International and Domestic Collaboration – Maintains strong partnerships with universities and research centers both locally and internationally.5. Leading in Innovation – At the forefront of developing new	Weaknesses of the Center <ol style="list-style-type: none">1. Limited Engagement with Society and the Business Sector – Insufficient dissemination of research results to businesses and the public, limiting their active participation and support.2. Shortage of Qualified Personnel – A lack of adequate human resources for conducting research and implementing projects, causing delays and difficulties in launching new initiatives.3. Language Barriers – Insufficient proficiency in foreign languages, particularly English and Turkish, among researchers, hindering international collaboration.4. Low Adaptability to Social and Environmental Changes – Difficulty in quickly responding to global and local

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technologies and materials.	changes in sustainability-related fields.
O (Opportunities) – Opportunities (Potential Positive External Factors)	T (Threats) – Threats (Potential Negative External Factors)
1.Expanding Local and International Partnerships – Establishing partnerships with public and private sectors, as well as international organizations, enhances the effectiveness of the center's projects and allows for broader application of research outcomes. 2.Development of Educational and Training Programs – The center can contribute to preparing specialists and raising public awareness of environmental issues by developing educational and training programs in the field of sustainable development. This enhances the center's reputation and helps train new professionals dedicated to sustainability. 3.Utilizing Public Interest in Sustainable Development – As public interest in sustainability and environmental issues grows, the center can increase its influence by sharing research findings and strengthening environmental education. 4.New Innovative Technologies and Solutions – Advances in sustainable development technologies provide opportunities for the center to introduce and develop innovative projects such as environmentally friendly production, energy efficiency improvements, and resource conservation. 5.Scientific Conferences – Organizing international and national scientific conferences and symposiums.	1.Competition – Local and international competition, including competition with other research institutes and universities. 2.Political and Economic Instability – Changes in the country's political and economic conditions may negatively affect research activities. 3.Declining Public Interest in Sustainable Development Issues – If public interest and support for environmental issues decrease, it may become challenging to gain backing for the center's activities and research projects. 4.Brain Drain – The migration of skilled professionals to other organizations or abroad. 5.Changing Modern Requirements in Higher Education – Evolving standards in national and global higher education systems. 6.Growing Competition in Human Resource Development – An increasing number of competitors in both the quantity and quality of trained professionals. 7.Frequent Changes in Higher Education Regulations – Regular modifications to regulatory documents governing higher education institutions and the education system. 4o

3. MISSION, VISION, VALUES, AND DEVELOPMENT PERSPECTIVES

3.1 Mission:

To eliminate poverty and hunger, combat inequality and injustice, protect the planet, and ensure peace and prosperity for all people.

Conducting Advanced Research:

The goal of the Sustainable Development Research Center in conducting advanced research is to address modern and pressing issues in the field of sustainable development through scientific and innovative studies. These studies are based on new technologies, methodologies, and strategic solutions aimed at ensuring economic, environmental, and social sustainability.

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Strategic Vision of the Center:

The strategic vision of the Sustainable Development Research Center is to influence positive changes on both global and national levels through scientific research, innovations, and education to ensure the ecological, economic, and social stability of society.

3.2 Values

1. **Sustainable Development:** Adherence to sustainable development principles aimed at environmental protection and responsible use of natural resources. Establishing a sustainable future through scientific achievements.
2. **Integrity and Ethics:** The Center ensures objectivity and authenticity in its scientific and research processes by maintaining principles of integrity and ethics.
3. **Stability:** The Center strives to promote stability at all levels—ecological, social, and economic. Sustainability is the foundation for addressing present challenges while preserving natural resources for future generations.
4. **Social Justice:** Ensuring social equality and respecting the rights of every member of society is one of the Center's core values.
5. **Teamwork and Collaboration:** Fostering collaboration and teamwork among scientists, students, and partners to strengthen openness and trust.
6. **Scientific Integrity and Precision:** Contributing to the development of science and society by seeking new knowledge and technologies, supporting innovation, and continuously improving research quality.

3.3 Principles of the Center

The principles of the Sustainable Development Research Center outline the conceptual and methodological foundations guiding the organization's activities, based on its core goals and values.

Commitment to Sustainable Development Principles: The Center's primary principle is the support of sustainable development goals. Preserving natural resources, protecting the environment, and ensuring social justice are fundamental principles underlying all activities.

Adherence to Ethical Standards: Upholding high ethical standards in all research and operations of the Center, ensuring data accuracy and transparency.

Focus on Innovation and Scientific Achievements: Relying on innovative technologies and scientific research to address sustainable development issues. The Center is continuously searching for new solutions and applying scientific methods to resolve ecological, economic, and social challenges.

Collaboration and Partnerships: Establishing strong ties with international and local partners to accelerate scientific advancements and innovations.

Public Awareness and Transparency: Conducting research and sharing findings in an open manner. Ensuring the public is informed about significant developments in the field of sustainable development and making research outcomes accessible.

4. STRATEGIC DIRECTIONS, GOALS, TARGET INDICATORS, AND TASKS

4.1 Development Program (2024-2026)

The Development Program for the period from 2024 to 2026 aims to transform the Center into one of the leading research institutions with a strong reputation and high prestige.

The program outlines planned steps for implementing the Center's strategic goals and advancing research in sustainable development. It is designed to expand the Center's scientific, innovative, and educational activities while increasing its contribution to global sustainable development objectives.

4.2 STRATEGIC DIRECTION 1: ENHANCING SCIENTIFIC AND INNOVATIVE POTENTIAL

Goal 1.1: Improve University Rankings

Task 1.1.1: Develop corporate governance

Task 1.1.3: Establish an institutional policy for human resources and talent management

Goal 1.2: Strengthen the Image and Reputation of AYU

Task 1.2.2: Ensure global partnerships with leading domestic and international organizations in education, science, and healthcare

Goal 3.1: Develop the Research Ecosystem

Task 3.1.1: Enhance the scientific potential of researchers

Task 3.1.2: Strengthen the scientific potential of students

Task 3.1.3: Develop university scientific publications

Goal 3.2: Increase Research Effectiveness

Task 3.2.1: Enhance the potential of scientific research with final products (practical application/commercialization)

Task 3.2.2: Increase the publication activity and quality of researchers' publications

Task 3.2.3: Enhance the innovative activity of researchers

Goal 3.3: Develop the Research Institutes of Ahmet Yassawi University

Task 3.3.1: Improve applied science in research institutes

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INTERNATIONAL KAZAKH-TURKISH UNIVERSITY FOR 2024-2029

Directions, Goals, Objectives, and Indicators	Unit of Measurement	2024	2025	2026	Note	Responsible Executors
1.STRATEGIC DIRECTION 1: IMPROVING UNIVERSITY RANKING						
Objective 1.1: Ensuring the Sustainability of AYU Corporate Governance						
Task 1.1.1: Developing Corporate Governance						
1.1.1.1 Number of Projects in the Research Institute (Improvement Projects)	Quantity	1	1	1		Center Director, Employee
1.1.1.2 Implementation of the Risk Management System	Fact	+	+	+		Center Director, Employee
Task 1.1.3 Develop an institutional policy for human resources and talent management.						
1.1.3.1 The number of foreign scientists involved in the development and implementation of research projects at the Research Institute (ҒЗИ).	Quantity, Fact	+	+	+		Center Director, Employee
1.1.3.2 The academic qualification level of research staff.	%	70	75	80		Center Director, Employee
1.1.3.3 The proportion of research staff proficient in English and Turkish, certified by international certificates.	%	20	25	30		Center Director, Employee
Мақсат 1.2 АЯУ имиджін және беделін нығайту						
Target Indicators:						
Task 1.2.2 Ensure global partnerships with leading domestic and international organizations in the fields of education, science, and healthcare.						
1.2.2.1 The number of agreements (new memorandums) signed with leading global organizations in education, science, healthcare, and culture, as well as with local	Quantity	1	2	2		Center Director, Employee

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 INTERNATIONAL KAZAKH-TURKISH UNIVERSITY FOR 2024-2029

executive bodies.						
1.2.2.2 The number of new memorandums and agreements on patronage acceptance signed with major business representatives in the field of scientific and innovative activities (for industrial purposes).	Quantity	0	1	1		Center Director, Employee
Goal 3.1: Developing the Research Ecosystem						
Target Indicators						
1.The proportion of young research staff (under 40 years old) engaged in scientific research within the framework of state grants (SG) / basic research grants (BRG).	%	0				Center Director, Employee
2.The number of ongoing international research projects out of the total number of scientific projects.	Quantity	0				Center Director, Employee
3.The volume of research and development (R&D) revenues.	Fact, thousand KZT	+	+	+		Center Director, Employee
Task 3.1.1 Enhancing the Scientific Potential of Researchers						
3.1.1.1 The number of young researchers engaged in R&D (research and experimental design work) (including those involved in grant-funded projects, scientific and technical programs, basic research, research institute young scientists, doctoral students, etc.)	Quantity	1	1	1		Center Director, Employee
3.1.1.3 The number of research staff who have completed international scientific internships.	Quantity, Fact	0	+	+		Center Director, Employee
3.1.1.1 The number of young scientists engaged in R&D	Quantity	1	1	1		Center Director, Employee

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(research and experimental-design work) (including under state grants/scientific-technical programs, basic research grants, young scientists at research institutes, doctoral students, and other participants in research projects).						
Task 3.1.2 Enhancing the scientific potential of students						
3.1.2.1 The number of students at all levels involved in fulfilling the tasks of scientific projects (engagement in research projects under SC / BTG).	Quantity	2	2	3		Center Director, Employee
Task 3.1.3 Developing the university's scientific publications.						
3.1.3.1 The number of university journals (series) included in the list of the Ministry of Science and Higher Education of the Republic of Kazakhstan (for journal publishers).	Fact	0	+	+		Center Director, Employee
Goal 3.2 Enhancing the effectiveness of scientific research.						
Target Indicators						
1)The number of scientific projects funded by the budget and being implemented	Quantity	0				Center Director, Employee
2)The number of scientific projects submitted for competitions funded by the republican budget (SC).	Quantity	0				Center Director, Employee
3)The number of articles and scientific reviews published in high-ranking	Quantity	0	1	1		

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Q1, Q2 Journal Citation Reports (JCR) journals.						
Task 3.2.1 Enhancing the potential of scientific research with final products (practical application/commercialization).						
1.Number of projects (scientific, social, international, national, etc.) (for each research institute).	Quantity	2	4	6		Center Director, Employee
3.2.1.1 Number of research projects subject to commercialization.	Quantity	0	1	1		Center Director, Employee
3.2.1.2 The share of commercialized projects among all publicly funded research projects.	Quantity, Fact	0	1	1		Center Director, Employee
3.2.1.4 The volume of co-financing for commercialized projects of scientific and/or scientific-technical activities (SSTA) and applied scientific research by local executive bodies and business representatives.	Fact, thousand KZT	+	+	+		Center Director, Employee
3.2.1.4 The volume of co-financing for commercialized projects of scientific and/or scientific-technical activities (SSTA) and applied scientific research by local executive bodies and business representatives.						
3.2.2.1 The number of articles published in international peer-reviewed journals (Scopus, WoS) (+% compared to the previous year).	Quantity	1	2	3		Center Director, Employee
3.2.2.2 The number of scientific index publications in the Kazakhstan database according to the list recommended by the Committee for Control in the Field of Education and Science of the Republic of Kazakhstan.	Quantity	0				Center Director, Employee
3.2.2.3 The number of scientists with an H-index (Hirsch index) of six (6) or higher.	Quantity	0				Center Director, Employee

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 INTERNATIONAL KAZAKH-TURKISH UNIVERSITY FOR 2024-2029

3.2.2.4 The number of scientific monographs/book chapters (Scopus, WoS).	Quantity	0				Center Director, Employee
Task 3.2.3 Increasing the innovative activity of scientists.						
3.2.3.1 Number of patents obtained within the framework of R&D projects implemented through the state budget.	Quantity	0	1	1		Center Director, Employee
3.2.3.2 Number of international patents and submitted applications (annually).	Quantity			1		Center Director, Employee
3.2.3.3 Research and Development (R&D) results implemented in production/educational process.	Fact	+	+	+		Center Director, Employee
Goal 3.3: Development of Research Institutes at Ahmet Yassawi University						
Task 3.3.1: Improvement of Applied Science in Research Institutes						
1.Number of projects (scientific, social, international, national, etc.).	Fact	+	+	+		Center Director, Employee
2.Carbon reduction target covering Scope 1 emissions.	Quantity	-	-	1		Center Director, Employee

5.EXPECTED RESULTS BY 2026

The expected results of the Sustainable Development Research Center by 2026 are outlined in the following areas:

1. **Strengthening Environmental Sustainability:-Combating Climate Change:** By 2026, the Center will enhance the development of effective scientific recommendations and strategies to slow down climate change. This includes measures aimed at introducing clean energy sources, achieving carbon neutrality, and reducing greenhouse gas emissions.
Preservation of Natural Resources: The Center plans to participate in programs aimed at conserving water resources, forests, and biodiversity, as well as taking concrete steps to prevent the depletion of natural resources.
2. **Green Economy and Innovation:-Implementation of Green Technologies:** By 2026, the Center aims to support the widespread adoption of green technologies in the industrial sector. These new technologies will reduce the negative environmental impact and contribute to the development of innovations in waste recycling, clean energy, and energy efficiency.
Economic Diversification: Identifying and developing new, environmentally safe pathways for economic growth, including supporting green entrepreneurship and creating green jobs.
3. **Social Stability and Equality:-Reducing Social Inequality:** Developing policy recommendations to improve the well-being of the population and reduce levels of social inequality and poverty. These programs will be aimed at enhancing the socio-economic opportunities of all population groups.
Improvement of Education and Healthcare Systems: Enhancing recommendations for making quality education and healthcare services more accessible within the social sector.
4. **Strengthening International Cooperation:-**By 2026, the Center will expand international partnerships supporting global sustainable development and play a key role in achieving the United Nations Sustainable Development Goals (SDGs). This will be realized through multilateral agreements, scientific research, and participation in international projects.
5. **Improving Public Policy and Legislation:-Policy Recommendations:** The Center will actively participate in the development and implementation of state policies that support environmental sustainability, social justice, and economic development goals. By 2026, it is planned to implement recommendations for integrating sustainable development principles into the legislation of multiple countries.
6. **Changing Public Awareness and Culture:-**One of the Center's key goals is to make sustainable development principles an integral part of daily life by 2026. This will be achieved by promoting a culture of environmental and social responsibility among the population. These expected results will contribute to the Center's efforts in supporting sustainable development goals and addressing global challenges.

6.RESOURCES

The activities of Khoja Akhmet Yassawi International Kazakh-Turkish University are carried out in accordance with the State License No. AB 0137408 issued to the institution "Khoja Akhmet Yassawi International Kazakh-Turkish University" on February 3, 2012 (registered under No. 990440008043 on September 28, 2012) and its Charter. The main buildings where the university's educational process takes place are located on the Turkistan campus. The university operates in buildings transferred to its balance by the Government of the Republic of Kazakhstan after its establishment in 1991. Additionally, a university complex was built with the financial support of the Republics of Kazakhstan and Turkey.

The Center operates with two full-time staff members: one director and one leading research scientist.

Khoja Akhmet Yassawi International Kazakh-Turkish University has a modern material and technical base covering a total area of 211,923 m², meeting sanitary norms and standards. The university has a scientific library with 690 seats, equipped with modern facilities. The dormitory building covers an area of 4,109.3 m², accommodating over 200 students. The library provides free access to electronic information resources such as Web of Science, Scopus, Springer Link, Cochran Library, and Ulakbim (Turkey).

The university's botanical garden, covering 88 hectares, hosts 127 species and varieties of fruit plants, trees, shrubs, and flowers. The university also has sports facilities, including gyms in all academic buildings and eight outdoor sports fields with a total area of 46,687 m². A medical clinic with an area of 10,649.8 m² provides healthcare services, annual preventive care, and first aid for students and staff. With targeted funding from the Turkish government, a sports complex, courts, sports fields, and a football field were constructed and equipped. There are eight dormitories with a total area of 47,464.4 m², housing over 3,000 students. The university cafeteria, with a 500-seat capacity, provides daily meals for students and staff. The administration has also facilitated accommodation for faculty members in 72 apartments within 10 cottages.

The university meets the educational standards of the Republic of Kazakhstan and maintains a high level of internationalization, with over 1,000 students from 19 countries and 27 ethnic groups studying in Kazakh, Turkish, Russian, and English.

The Sustainable Development Research Center relies on various resources to conduct research, develop expert recommendations, and contribute to global sustainable development goals. The main resources of the Center are categorized as follows:

1. Research Personnel: Scientists and Researchers: The Center employs experts in the field of sustainable development.

Expert Teams: The Center collaborates with multidisciplinary experts specializing in environmental, social, and economic issues.

2. Information and Data Resources: Scientific Data: The Center utilizes data on environmental, economic, and social indicators across various sectors, helping define research directions and formulate recommendations.

Policy and Economic Analysis Tools: The Center employs analytical tools and software to assess, model, and evaluate the sustainability policies, economic trends, and environmental processes of different countries.

3. Technological Resources: Analysis and Modeling Technologies: The Center uses advanced software tools for monitoring environmental changes, creating climate models, and making economic forecasts. These technologies help in strategy development and decision-making.

Green Technologies: The Center supports research in green energy, waste management, and renewable energy sources through modern technological platforms and laboratories.

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INTERNATIONAL KAZAKH-TURKISH UNIVERSITY FOR 2024-2029

4. Financial Resources: Government and International Grants: The Center attracts funding from international organizations and national governments to study global environmental and social issues and implement innovative projects.

Private Sector Funding: Private enterprises and corporations support research and innovations in sustainable development, assisting the Center in developing and implementing new technologies.

5. International Partnerships and Networks: Collaboration with International Organizations: Partnerships with the UN, the World Bank, and the World Wildlife Fund (WWF) help implement key global projects in sustainable development.

Scientific and Academic Collaboration: The Center works closely with international research institutions and universities, ensuring that research findings are applicable on a global scale.

6. Public and Educational Resources: Public Awareness Campaigns: The Center promotes sustainable development principles through mass media, seminars, and educational programs to enhance public awareness and support.

Educational Institutions: The Center organizes scientific conferences and seminars to train young researchers and improve their qualifications, ensuring scientific rigor through academic collaborations.

These resources enable the Sustainable Development Research Center to effectively carry out its activities and contribute to achieving global sustainability goals.

7. APPENDIX

Key Approaches

STRATEGIC DIRECTION 3: ENHANCING SCIENTIFIC AND INNOVATIVE POTENTIAL

1. Public Awareness and the Development of an Innovative Culture: -Raising awareness about sustainable development issues: One of the Center's key responsibilities is to widely disseminate scientific discoveries and innovative solutions in the field of sustainable development.
2. Publication of Scientific Research: -Researchers of the Center will publish scientific articles in Scopus and Web of Science-indexed journals, renowned publications on Sustainable Development Goals (SDGs), and both domestic and international academic journals, aligning with the Center's mission and objectives.
3. Establishing a Scientific Journal: -The Sustainable Development Research Center will launch a specialized scientific journal focused on sustainable development research.
4. Collaboration with University Educational Programs: -The Center will cooperate with the university's educational programs (EPs) to organize joint scientific events, conferences, and projects related to the Sustainable Development Goals (SDGs).
5. Enhancing the University's Global Ranking: -The Center's priority scientific activities during the planned period will contribute to elevating the university's ranking to a global level.
6. Social Stability and Inclusion: -Reducing social inequality: A key strategic focus of the Center is to minimize inequality in society and improve the quality of life for all social groups. This will be achieved through research and projects aimed at poverty reduction, access to education, and healthcare services for all population segments.
7. Strengthening Internal Collaboration within the University: -The Center will work towards increasing internal collaboration within the university, ensuring stronger synergies between the Sustainable Development Research Center and other departments.

The above-mentioned initiatives will contribute to the development of the Center's potential and facilitate the integration of global advancements in sustainable development.

**Director of the Center for Sustainable
Development and Scientific Research**



Tulkinzhon Gaipov