



Kırıkkale University Sustainability Report 2025

Kırıkkale University adopts the following sustainability policy in order to contribute to the Sustainable Development Goals determined by the United Nations and aimed to be achieved by 2030 and to increase sustainability in the university with its environmental, economic and social dimensions.

- To provide the necessary opportunities and facilities to prevent individuals within the university from continuing their education or research due to poverty,
- To contribute to policies developed at regional, national and international levels to end poverty under all conditions and everywhere with project-based studies,
- To provide the necessary conditions to support the health of university staff and students, to organize events and trainings for healthy life within this scope, to provide a physical environment and cultural activities that support health and well-being and to encourage their participation,
- To ensure awareness on this issue by including the sustainability theme in education programs and course content, to encourage research on sustainability, to carry out project-based studies in cooperation with stakeholders in order to find common solutions on sustainability,
- To observe gender equality in all academic and administrative processes, to create an education and working environment that provides equal opportunities by preventing gender-based discrimination, to organize trainings to raise gender equality awareness, to take the necessary measures to prevent violence and harassment, to support participation processes based on gender balance and to regularly monitor and report developments in this area,
- To ensure equal opportunities and to implement the necessary practices regarding barrier-free access, to adopt approaches that include everyone in terms of social, economic and political aspects, to support inclusive education for everyone, to conduct studies to ensure the necessary awareness on this issue,
- To ensure the effective and efficient use of water, to raise awareness among individuals on this issue and to take the necessary measures for water conservation, to follow policies to reduce wastewater generation and water pollution,

-To encourage the use of energy resources provided by clean production technologies such as zero emission or renewable energy and to raise awareness among individuals on this issue,

-To follow policies that support sustainable resources and local resources in the supply process, to provide decent and equal conditions in all employment processes, to provide a safe working environment, to protect employee rights and to follow policies that support the stability and inclusiveness of these activities in the region, country and world,

-To conduct the necessary studies to increase industry and university cooperation, to support commercial initiatives at local, national and international levels and to raise awareness on sustainable industrialization,

-To provide sustainable, accessible and environmentally friendly transportation opportunities for individuals within the university, to adopt policies that reduce the effects of climate change at the local level and support disaster resilience and to conduct project-based studies on this issue,

-To adopt environmentally sensitive approaches to waste management and increase recycling, to follow policies to reduce waste in material use, to reduce the use of single-use plastics and to encourage digitalization instead of paper use,

-To reduce the carbon footprint of the university, to encourage the efficient and economical use of energy resources and to support the use and inclusion of renewable energy resources, to conduct studies to reduce greenhouse gas emissions,

-To increase the use of smart devices in buildings and to adopt the green building approach in newly constructed buildings,

-To encourage project-based studies for the protection of water ecosystems, to organize awareness-raising trainings and events to reduce water pollution and prevent factors that threaten aquatic life, to cooperate at local and international levels to protect water resources,

-To develop campus management policies that do not harm nature, to protect biodiversity with project-based studies and to increase environmental awareness, to organize training programs for students and employees on sustainable agriculture, ecosystem management and environmentally friendly practices,

-To ensure that actions are taken in line with the principles of respect for human rights, equality and transparency, to act against corruption and discrimination based on accountability and participation in all administrative and academic processes to follow a zero tolerance policy, to organize events and seminars to ensure social peace and to encourage democratic participation among students, to use the competence and knowledge of individuals within the university to support sustainability, to conduct academic research, technology transfer and knowledge sharing in the field To increase cooperation with

governments, non-governmental organizations and the private sector, and to develop activities for sustainable development at regional, national and international levels.

1. No Poverty

Kırıkkale University provides meal scholarship or general scholarship or free accommodation to ensure their students' well-being and help them to lessen financial burden if they are not able to access these opportunities themselves and apply for scholarships.

The yearly announcement of meal scholarship can be accessed through the link <https://sks.kku.edu.tr/Idari/Duyuru/Index/30435>

2. Zero Hunger

Kırıkkale University provides healthy and low-cost food in the cafeterias for students and administrative and academic staff every day. The Directorate of Health Sport and Culture at the university manage the balanced meals at the university.

The meal list of the university can be accessed through the link <https://sks.kku.edu.tr/Idari/Sayfa/Index?Sayfa=Yemek%20Listesi>

3. Good Health and Well-being

Kırıkkale University has a tartan track, stadium, 2 indoor sports halls, 4 carpet fields, 1 grass field, 1 football field including 1 tartan track, 12 volleyball, 11 basketball courts, 3 tennis courts, 3 fitness centers in the central campus in order for students to spend their free time by doing sports. In addition, there is a Recreation Center consisting of a semi-Olympic swimming pool, fitness center, Turkish bath and sauna within the campus. In Keskin Vocational School campus, there is a sports complex consisting of 2 football fields (1 astroturf field and 1 dirt field), 1 basketball and volleyball courts and a fitness center. Hacılar Hüseyin Aytemiz Vocational School campus has 1 basketball court and 1 volleyball court.

The information about the sport facilities can be accessed through the link <https://kku.edu.tr/Anasayfa/Sayfa/Index?Sayfa=SporTesisleri>

For the welfare of students, academic and administrative staff, Kırıkkale University has health infrastructure facilities. There is also Faculty of Veterinary Medicine and an Animal Hospital. The facilities are also open to the public.

These facilities are:

Kırıkkale University Faculty of Medicine and Hospital (<https://hastane.kku.edu.tr/net/>)



Kırıkkale University Faculty of Dentistry and Hospital (<https://dis.kku.edu.tr/Fakulte>)



Kırıkkale University Faculty of Veterinary Medicine and Animal Hospital (<https://veteriner.kku.edu.tr/Fakulte>)



Kırıkkale University Physical Therapy and Rehabilitation Hospital (<https://hastane.kku.edu.tr/net/bolumler/fizik-tedavi-ve-rehabilitasyon-anabilim-dali>)



Kırıkkale University Counseling Guidance Application and Research Center (<https://druam.kku.edu.tr/Idari>)

4. Quality Education

Kırıkkale University supports students' organization activities, which are beneficial for their education besides curriculum. Some examples are as follows:

Young Doctors Worldwide Student Organization / 17.02.2025 Free examination for the community for tension, diabetes, measuring body mass index etc.	Health Volunteers Student Organization / 21.05.2025 Training for tooth brushing for children patients
Special Education Student Organization / 21.03.2025 Seminar on Down Syndrome	Children with Leukemia Health and Education Student Organization / 26.05.2025 Children festival in preschool
Mathematics Teachers Student Organization/ 26.03.2025 Seminar on awareness on environment with TEMA (Turkish Foundation for Combating Soil Erosion, for Reforestation and the Protection of Natural Habitats) Foundation Representative	Green Crescent Student Organization / 15.05.2025 Seminar on awareness for fighting with addiction and healthy life
Culture, Ethics and Civilization Student Organization / 12-16.05.2025 March for Gaza	Green Crescent Student Organization / 27.05.2025 Opening a stand to inform to raise awareness for fighting with addiction
Sociological Thinking Student Organization / 13.05.2025 Panel on Violence against Women	Foreign Languages Student Organization/ 28.05.2025 Culture and Art Festival
Psychodrama Student Organization / 14.05.2025 Concert on Mother's Day	Human Rights and Liberties Student Organization / 28.05.2025 Conference on Violation of Human Rights in Gaza
Mathematics Teachers Student Organization / 20-23.05.2025 Watching documentary on Zero Waste	Sociological Thinking Student Organization / 03.06.2025 Seminar on the awareness on drug addiction
Political Science and Public Administration Student Organization/ 21.05.2025 Waste Collection Activity	Health Student Organization/ 13.06.2025 Free dental examination in a primary school

Kırıkkale University supports the sharing information among academic staff and students around the country and the world through conferences such as International Family Studies Congress. (<https://familycongress.kku.edu.tr/>)

5. Gender Equality

Women's Issues Application and Research Center works within Kırıkkale University to fulfill the following missions:

To develop social sensitivity against women's issues and gender discrimination in cooperation with the relevant departments and units of the university,

To monitor and make research and studies public in all fields related to women's issues in Türkiye, and abroad and to conduct research in various fields within the framework of our objectives,

To contribute to the process of general consciousness and mentality transformation towards women's empowerment and ensuring equality between women and men;

To guide studies, researches, plans and programs related to women to incorporate a “gender perspective”; to support and develop the studies carried out with this perspective and to contribute to the dissemination of positive results throughout the country. (<https://kasumer.kku.edu.tr/Idari/Sayfa/Index?Sayfa=Hakkinda>)

6. Clean Water and Sanitation

Kırıkkale University, which meets its clean water needs with its own means, does not pay a fee for water. Kırıkkale University meets its water needs from 2 caissons and 2 boreholes located on the banks of Kızılırmak. The water taken from the wells is collected in the raw water tank. After that, the water treated with the clean water treatment system is sent to the product water tank. Water is pumped from the product water tank to the 2x3000 m³ water tanks located on the University campus by the main transfer pumps. Water flows to the buildings from the main water tanks located on the campus by its own gravity. The water used on the main campus is treated at the clean water treatment plant before used, and also wastewater is treated in wastewater plant before released. Water is provided in a closed system from the point of origin to the end user. The parameters of the water are checked in Kırıkkale University laboratories throughout the year.

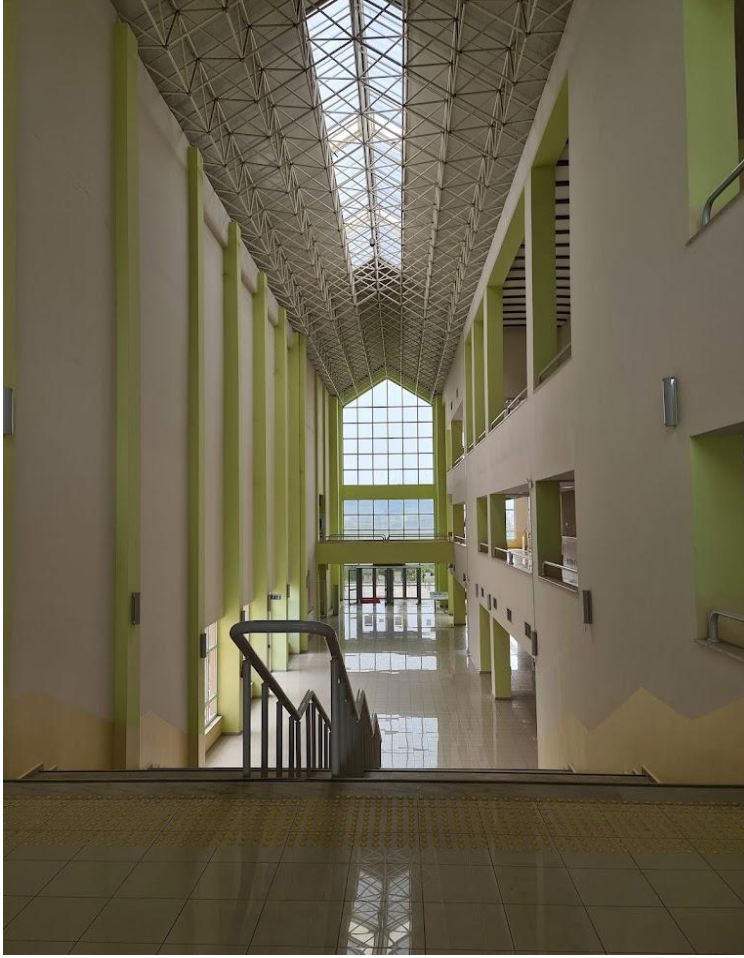


Moreover, 2 ponds were built on the campus to contribute to the ecosystem and provide natural beauty.

7. Affordable and Clean Energy

At Kırıkkale University, maximum daylight is received into the building thanks to the roof lights and the need for lighting during working hours is reduced. Large windows, central courtyards and ceiling lights provide daylight. The buildings have been designed with interior and central courtyards, and interior and exterior spaces are provided with light.





Thermal insulation has been used in all buildings recently constructed in facade insulation and it is aimed to minimize heat losses. Thanks to the wide corridors and facade window joinery opening in four directions, the possibility of natural ventilation is quite high in most of the spaces. There three elements are considered as green building implementation.

Furthermore to support the clean energy and to reduce greenhouse gas emissions at the campus, Kırıkkale University implement the strategies including domestic electric TOGG vehicle, staff shuttles and on-campus ring lines, free campus bicycle system.



Shuttles have been allocated for academic and administrative staff at the university. In this way, the number of travel by private vehicles is reduced and greenhouse gas emissions are reduced.

Ring lines allow staff and students to travel by public transportation and thus reduce greenhouse gas emissions. This service is provided for little fee for staff and students.

In newly constructed buildings, new generation condensing boilers with high energy efficiency are used in boilers that have completed their duration and are due for replacement, and in buildings that have undergone natural gas conversion.



To increase the use of renewable energy sources, solar thermal panels have been installed in various campus facilities, including guesthouse, the swimming pool, and student dormitories, generating a total of approximately 168854 kWh of energy annually. Additionally, under the KABEV (Energy Efficiency in Public Buildings) project implemented by the Ministry of Environment, Urbanization, and Climate Change with the support of the World Bank, the University will install a 2.4 MW solar power panel. This initiative is expected to supply 23–24% of the University's total electricity consumption from renewable sources.



8. Decent Work and Economic Growth

Kırıkkale University fosters its sustainability efforts thanks to Technopark, which supports the economic and industrial growth of the region with following missions:

To contribute to the spread of R&D by supporting scientific research, technology, development and innovation activities of university faculty members and private sector organizations

To contribute to the establishment of national-international cooperation between industrial organizations and universities and research institutions

To provide the infrastructure within Technopark where private sector organizations can carry out research and technology development activities

To support the establishment and growth of new companies in the incubation center

To be a bridge institution that provides risk-sharing support to private sector organizations with Technology Transfer Office facilities

Two notable startups develop energy forecasting software for the electricity distribution sector and smart systems for solar panel efficiency and AI-supported fault detection in electroluminescence images. These initiatives promote sustainability research, industry collaboration, and the development of green technologies, reinforcing the university's contribution to the regional and national sustainability efforts.

The website of the Technopark can be accessed through <https://kirikkaleteknopark.com/>

9. Industry, Innovation and Infrastructure

Kırıkkale University gives importance to university-industry cooperation as a part of an industrial city. Thanks to university-industry protocols, some departments have quotas for master's degree for the staff of stakeholders.

([https://panel.kku.edu.tr/Content/fbe/alimlar/2024_g%C3%BCz%20_protokol%20\(fbe\).pdf](https://panel.kku.edu.tr/Content/fbe/alimlar/2024_g%C3%BCz%20_protokol%20(fbe).pdf))

In addition, Technopark at the university provides offices and opportunities for innovative industrial enterprises.

10. Reduced Inequalities

At Kırıkkale University, the Barrier-Free Life Unit continues to work actively for the following purposes:

To meet the needs of students with disabilities enrolled in higher education programs while they continue their education and to determine the obstacles they may encounter and the measures to be taken against them and to seek solutions to eliminate them, to make the necessary arrangements

To organize education and training programs and environments where university students are not restricted in academic, physical, psychological and social areas, to provide the necessary equipment and to prepare special course materials.

In addition, there is a community garden for disabled people to enjoy spending time for agriculture and preschool for children of working mothers at the university.

Within the scope of the “2021 Barrier-Free University Awards” initiated by the Council of Higher Education of Türkiye in order to raise awareness and disseminate good practices on the access of individuals with disabilities to spaces, educational opportunities and socio-cultural activities in higher education institutions, the Faculty of Education, Law and Engineering and Architecture and Delice and Kırıkkale Vocational Schools were awarded the orange flag, which is the Accessibility in Space Award.

The website of the Barrier-Free Life Unit can be accessed through the link <https://eob.kku.edu.tr/Idari>

Disaster and emergency management (AFAD) trainings were given to the students and staff to prepare and take cautions in case of earthquakes.

(<https://ikmyo.kku.edu.tr/Idari/Haber/Index/2984>)

11. Sustainable Cities and Communities

Kırıkkale University provides free accommodation in Residorm (dormitory) for students coming from low income families and low income countries.

Kırıkkale University Environmental Issues Research and Application Center carries out studies and researches to improve the quality of environmental education at all levels regarding the protection of the ecological, natural and historical environment in Kırıkkale and its surroundings. It aims to organize and encourage basic and applied research on the environment in the province and within the university, to cooperate with domestic and foreign organizations. For this purpose, it aims to organize symposiums-congress-conferences-seminars-summer schools and courses, to make scientific publications, to carry out activities to improve the environmental awareness of faculty members, lecturers, students, university staff, residents in Kırıkkale and the whole society, and to carry out new projects for the protection and development of the green areas of the province and university. (<https://csaum.kku.edu.tr/Idari/Sayfa/Index?Sayfa=Hakkinda>)

Kırıkkale-2053 Search Conference and Kırıkkale-2053 Search Conference Book as Conference Final Declaration (Water and Energy Field) is the most important example of the efforts for sustainable cities and communities.

(<https://kku.edu.tr/Anasayfa/Sayfa/Index?Sayfa=2053aramakonferansikitabi>)

12. Responsible Consumption and Production

Kırıkkale University provides low-cost food for students and staff in the cafeterias. The University buys the foods and products from local firms. In addition, it has departments such as organic agriculture, mushroom production, plant protection etc. to train students have knowledge and are sensitive about environment and ecology, who are conscious about food production and consumption, who understand the importance of biosafety and biodiversity, and who have a good command of the processes from production to consumption, including marketing, production and processing.

As a responsible consumer, Kırıkkale University enables the collection of paper waste as in previous years. In 2025, as part of this digital archiving strategy, the University collected 28700 kg of old paper and sent them to waste recycling facilities.

Faculty of Medicine and Hospital in Kırıkkale University has contract with ATIKSAN Recycling Company to collect hazardous waste of the university during the year and Faculty of Dentistry has contract with TURANLAR Environmental Technologies Company to collect medical waste during the year. This year, 15 ton 368 kg toxic waste were collected and sent to the recycling facilities.

13. Climate Action

Kırıkkale University demonstrate a strong commitment to support climate action through events, research and projects.

One example is tree plantation (10.000 trees) event which is organized every year in all campuses with the students and staff.

(<https://kku.edu.tr/Anasayfa/Etkinlik/Index/5453>)

(<https://fbe.kku.edu.tr/Anasayfa/Haber/Index/2450>)



In addition, 47 articles on green environment, climate change, sustainability and renewable energy were published per annum by the academic staff at Kırıkkale University.

In 2025, two projects were carried out by the academic staff at Kırıkkale University. The "Environment and Climate Youth Summit" was organized by our lecturers within the scope of the Erasmus+ KA154 project titled "Developing A Youth Strategy For A Green Deal" funded by the European Union and supported by the Turkish National Agency.



The project titled Magnetic Nanofibers for Green Technology: A Solution to Electromagnetic Pollution was carried out by one of the lecturers at Kırıkkale Vocational School.

14. Life Below Water

Kırıkkale University has Kızılırmak Research and Application Center. The main purpose of the Kızılırmak Research and Application Center is to determine the current status of the ecosystems in the Kızılırmak River and its basin, to protect them, to prepare, implement and evaluate sustainable development plans, and to carry out interdisciplinary research, education, and coordination services related to the subject. In addition, it is to cooperate with the relevant institutions and organizations in the settlements through which the Kızılırmak River passes and to ensure coordination for the protection of the Kızılırmak River.

Website of Kızılırmak Research and Application Center can be accessed through <https://kizilirmak.kku.edu.tr/Idari/Sayfa/Index?Sayfa=Hakkinda>

15. Life on Land

Zero Waste Management Unit at Kırıkkale University collects waste separately according to their qualities through waste equipment (metal and PPP-PVC material) in the Main Campus and Satellite Campuses through dual sets of recyclable and non-recyclable waste, paper-glass-plastic-metal-organic-non-recyclable waste equipment sets. For this purpose, cleaning staff have been authorized and a list of staff has been determined. After the waste is collected within the unit, paper and plastic wastes are collected in the temporary waste storage and delivered to the recycling facility.



Face-to-face or online trainings and certification are provided for academic, administrative, cleaning and other staff and students within the predetermined schedule every year to ensure the establishment and implementation of the Zero Waste Management system. In addition, in 2024, all academic, administrative and cleaning staff of the university participated in Zero Waste Training through the distance education (e-devlet) and the

participant lists were collected from the departments. The event called "Look to the Future with Zero Waste Design" was held at Spring festivals on May 20, 2024. Within the scope of Zero Waste Events, an event was held on October 16, 2024 for all academic, administrative and cleaning staff and students. Hand in Hand program for the Zero Waste Event was held simultaneously in the main campus and satellite campuses and received wide participation.

In-service training titled "Zero Waste and Sustainability" will be held on October 25, 2025 by the head of Zero Waste Unit.

Our university was granted the Zero Waste Certificate at the basic level, which certifies its competence in Zero Waste Management by the Provincial Directorate of Environment, Urbanization and Climate Change, in 2024 and was entitled to receive a 5-year validity.

A project titled "Establishment of Zero Waste System in Main Campus and Satellite Campuses in Kırkkale University" was initiated for the development of the Zero Waste System at our university in 2022 to be evaluated by UNİKOP In order to use the Zero Waste Management System more consciously and to spread it in our university, within the scope of the Konya Plain Project supported by the Ministry of Industry and Technology of the Republic of Türkiye for regional development.

In terms of social contribution, it is planned to increase the number of zero waste activities, to develop artistic design, as well as to establish a toy museum open to visitors developed from waste with the support of student organizations.

The website of the Zero Waste Unit can be accessed through the link <https://sifiratik.kku.edu.tr/Idari>

16. Peace Justice and Strong Institutions

Kırkkale University is committed to peace, inclusion and justice in the society and adopts policies in accordance with these values.

Community events organized for the peace and justice for Gaza in accordance with President of Republic of Türkiye's peace policy such as Photograph exhibition on Gaza by Culture, Moral and Civilization Student Organization on March 1, 2024.

Kırkkale University organized a program and protest march to stand against the Israeli oppression on Palestine and stand with Palestinians. The news related to the march can be accessed through <https://kku.edu.tr/Anasayfa/Haber/Index/3547>)

Moreover, Kırkkale University signed MoU with Colloge of Islamic Sciences in Palestine to support the educational justice and have strong international networks together. The news related to signing MoU ceremony can be accessed through <https://kku.edu.tr/Anasayfa/Haber/Index/6490>

17. Partnership for the Goals

Kırıkkale University improves its cooperation with industrial stakeholders. Thus, Public University Industry Cooperation (KÜSİ) Board Meeting is organized at regular intervals. Under the chairmanship of our Rector Prof. Dr. Ersan Aslan, cooperation meetings are held with the participation of Vice Rectors, Secretary General, Provincial Representative of KÜSİ, General Manager of Technopark, Head of Kırıkkale Chamber of Commerce and Industry, Chairman of Kırıkkale Organized Industrial Zone, members of KÜSİ Industry and Academic Board and sector representatives to plan R&D activities, to discuss the partnership opportunities and to strengthen the collaboration. The news related to university-industry partnership can be reached through <https://kku.edu.tr/Anasayfa/Haber/Index/3896>

The second cooperation opportunity is “Union of Universities in the KOP Region” (UNİKOP), which was established in order to create academic and administrative cooperation among universities in areas such as education-training, research-development and social service, to carry university-industry interaction and university-city integration to an advanced level and to contribute to the future vision and development efforts of the country.

UNİKOP consists of 13 universities including Aksaray University, Karamanoğlu Mehmetbey University, Necmettin Erbakan University, KTO Karatay University, Niğde Ömer Halisdemir University, Selçuk University, Ahi Evran University, Bozok University, Hacı Bektaş-ı Veli University, Kırıkkale University, Cappadocia University, Konya Technical University. The information related to UNİKOP can be found in the link <https://unikoplab.kku.edu.tr/Sayfa.aspx?Sayfa=Hakkimizda>

The third cooperation opportunity with industry is Technology Transfer Office, which was established in 2013 in order to strengthen the research and development infrastructure of the university, to increase the project capacity, and in this context, to ensure that faculty members / staff and students conducting research at the university can benefit from the resources of national / international institutions that support research projects in the most efficient way, and to coordinate university-industry cooperation.

The information related to Technology Transfer Office can be found in the link <https://kutto.kku.edu.tr/Idari/Sayfa/Index?Sayfa=TTOHakk%C4%B1nda>