



SUSTAINABILITY REPORT

2023 - 2024

BURSA ULUDAĞ UNIVERSITY
SUSTAINABILITY OFFICE

TABLE OF CONTENTS

01 ABOUT US.....	02
02 ABOUT THE UNIVERSITY.....	03
03 GOVERNANCE	04
04 QUALITY POLICY in EDUCATION.....	05
05 UNIVERSITY in NUMBERS	06
06 PEACE, JUSTICE and EQUALITY.....	09
07 SUSTAINABILITY EDUCATION	10
08 STUDENT REPRESENTATION at the UNIVERSITY.....	11
09 STUDENT ACHIEVEMENTS.....	12
10 RESEARCH ACTIVITIES.....	13
11 PARTNERSHIPS for the SUSTAINABLE DEVELOPMENT GOALS.....	14
12 CAMPUS INFRASTRUCTURE.....	16
13 BIOLOGICAL DIVERSITY.....	17
14 SUSTAINABLE TRANSPORT.....	18
15 WATER and WASTEWATER MANAGEMENT.....	19
16 WASTE MANAGEMENT	20
17 ENERGY and CLIMATE CHANGE	22
18 SMOKE-FREE CAMPUS.....	24
19 2023-24 ACTIVITIES of SUSTAINABILITY OFFICE	25



LETTER FROM THE RECTOR

At Bursa Uludağ University, we proudly advance towards the future, grounded in our legacy of knowledge and experience, with sustainability at the core of all our endeavours. We are committed to upholding scientific excellence while actively contributing to society. Our university aims not only for academic success but also for societal transformation through its internationally benchmarked educational, teaching, and research initiatives. To this end, we are steadfast in promoting sustainability within our campus and in our broader community outreach.

Sustainability is not solely an environmental issue; it encompasses social and economic dimensions, requiring a holistic approach. With more than 65,000 students and over 6,000 staff members, we recognize the significant impact our university can make, and we are confident that each individual will contribute to a sustainable future.

As we reshape our campus activities in line with sustainability principles, we remain dedicated to continuously enhancing our academic quality. Our efforts to climb in national and international rankings are supported by projects that contribute to sustainable development goals.

This report summarizes the steps our university has taken in the field of sustainability for the 2023–2024 academic year, as well as our goals for the future. We are thrilled to work together toward a greener, fairer, and more liveable world, and we believe you will share in our excitement. Bursa Uludağ University is moving forward with confidence, not only in our academic achievements but also as a pioneer in building a sustainable future.

Let us shape the future together.

Prof. Dr. Ferudun Yılmaz
Rector of Bursa Uludağ University





ABOUT US

Established in 2021 under the Bursa Uludağ University Quality Coordination, the Sustainability Office operated under the name “Sustainable Campus Coordination” until July 2023. During July and August, a new management team and staff were formed, and activities resumed in September. To accurately reflect the office’s expanded responsibilities encompassing all Sustainable Development Goals, the team proposed renaming it as the “Sustainability Coordination.” Additionally, a redesigned logo symbolizing the global Sustainable Development Goals was created. The proposed name and logo were approved by the university senate in December and subsequently adopted.

The Bursa Uludağ University Sustainability Coordination operates as one of the 16 coordinations directly linked to the university rectorate, consisting of a team that includes a coordinator, two assistant coordinators, and two specialists. The Coordination’s mission is to enhance sustainability awareness among Bursa Uludağ University students and staff and to promote a sustainable lifestyle. This involves developing strategies and policies for collaborative actions across environmental, socio-cultural, and economic sustainability domains; expanding the impact of these actions; contributing to the establishment of a solid institutional infrastructure in sustainability; and providing guidance to university units in these areas.

Our team is committed to fostering a culture of sustainability and establishing it as a way of life across the campus. We adhere to an open, collaborative approach with all stakeholders to support this mission.

OUR MISSION

Our mission is to foster a sustainable way of life among students and university staff, establishing Bursa Uludağ University as a nationally and internationally recognized institution that contributes to sustainable development through collaborative, innovative actions.

OUR VISSION

Our vision is to support societal development by implementing necessary initiatives across environmental, socio-cultural, and economic dimensions, enabling the adoption of a sustainable lifestyle throughout the university.

OUR TEAM

Coordinator: Prof. Dr. Arzu Çahantimur, Architect

Vice Coordinator: Prof. Dr. Gökhan Ekrem Üstün, Environmental Engineer, Vice Coordinator: Asst. Prof. Dr. Sevginaz Işık, Specialist: Ömer Oğuzhan Turhan, Architect, Specialist: İrem Sevgi Yorgancı, Environmental Engineer



ABOUT THE UNIVERSITY

The foundations of Bursa Uludağ University were laid with the establishment of the Bursa Faculty of Medicine in 1970, initially under Istanbul University, and the Bursa Faculty of Economics and Administrative Sciences in 1974. In 1975, the legal establishment of the university was completed, and it began its educational and teaching activities under the name "Bursa University." The name "Bursa University" was changed to "Uludağ University" by Decree No. 41 on July 20, 1982, and later to "Bursa Uludağ University" on May 18, 2018.

Subsequently, the Faculty of Engineering and Architecture was established in 1976, the Faculty of Veterinary Medicine in 1978, and the Faculty of Agriculture in 1981. In 1982, the Faculty of Education was formed by merging the Bursa Higher Teacher Training School, affiliated with the Ministry of National Education, with the School of Foreign Languages, and the Faculty of Theology also began its operations in the same year. The Faculty of Arts and Sciences was established in 1983, followed by the Faculty of Law, the Faculty of Fine Arts, and the Faculty of Dentistry (which began education in 2020) in 1995. The State Conservatory, Primary Education, and Secondary Education programs were established in 1998, and the undergraduate programs began in 2003. In 2010, the Faculty of Business Administration in İnegöl, the Faculty of Architecture (separated from the Engineering and Architecture Faculty as an independent faculty in 2013), and the Faculty of Sports

Sciences were established. In 2016, the Faculty of Health Sciences was founded. Within our university, there are three vocational schools, including the School of Foreign Languages (established in 2002) and the Gemlik Necati Kurtuluş Maritime Vocational School (established in 2007), along with 15 vocational schools located in different districts of Bursa. Graduate education at our university continues under the Institutes of Social Sciences, Natural Sciences, Health Sciences, and Education Sciences, which were established in 1982 and 2010, respectively.

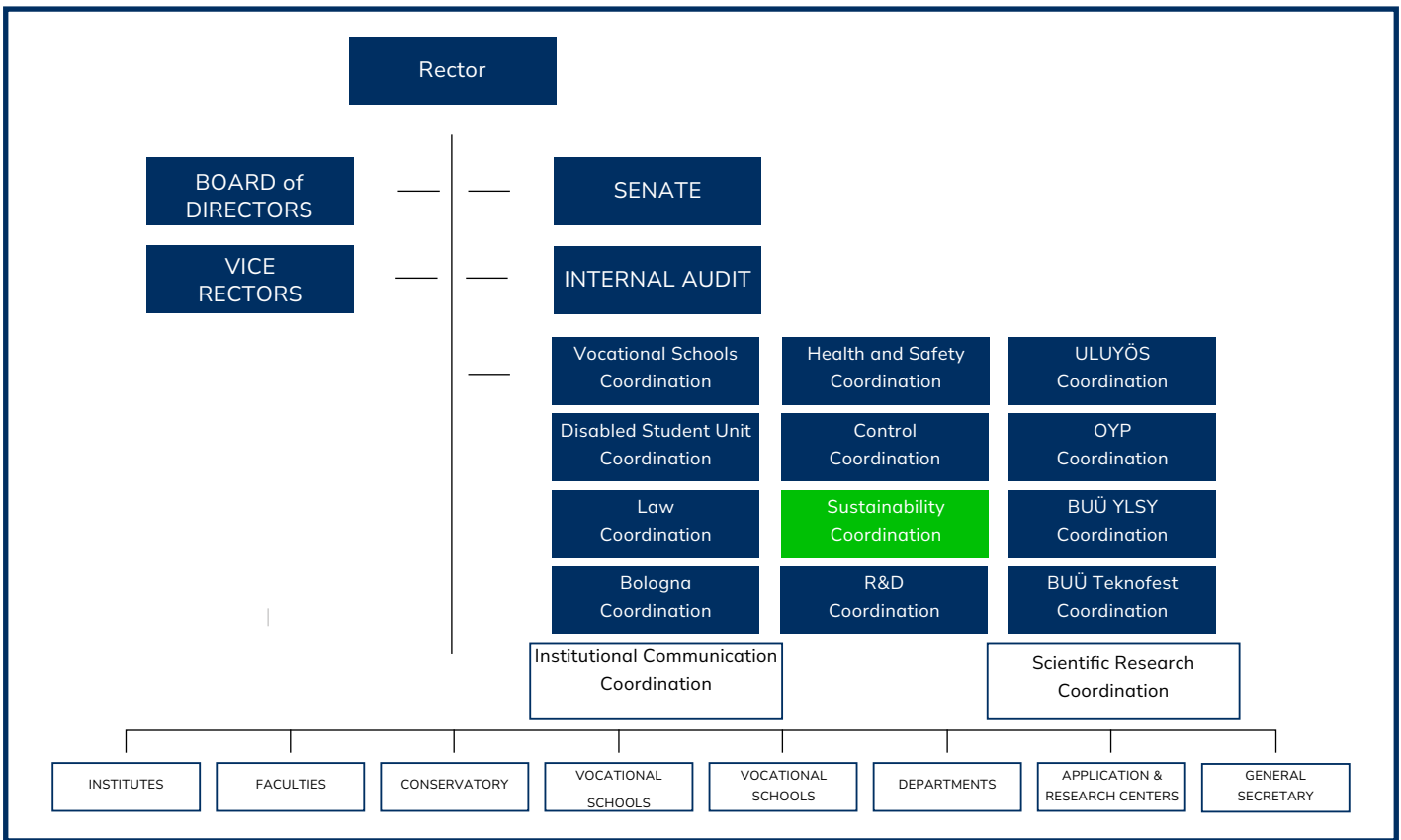
As of October 2024, Bursa Uludağ University educates 23,389 associate degree students, 37,214 undergraduate students, 4,360 master's students, and 1,789 doctoral students. The university, with its international student population, stands out as an inclusive, collaborative, and quality-focused higher education institution, continuing to guide young people.

Bursa Uludağ University's mission is to cultivate scientifically and professionally equipped individuals who are highly sought after, produce qualified and original knowledge, and contribute to societal development by sharing this knowledge with all its stakeholders. With a vision to be a pioneering research university shaping the future through quality education, high-caliber scientific research, innovation, and entrepreneurship, it operates as one of the 23 research universities in Turkey.



GOVERNANCE

The Rectorate, University Senate, and University Administrative Board (UAB) together form the highest governing body of the University. The UAB is responsible for the day-to-day management of the University. The Senate is the highest academic body of the University. Both the Senate and the UAB, as well as the Faculty Administrative Boards, constitute the core components of the Faculty Councils. These committees are responsible for decision-making and overseeing the management of the university.





QUALITY POLICY in EDUCATION

The rectors of all universities in Turkey are selected by the President of the Republic of Turkey for a four-year term. At Bursa Uludağ University (BUU), the rector appointed by the President of the Republic of Turkey assigns three vice rectors. Each vice rector is responsible for one of the following main areas: (i) Information Technology - Automation, Student Affairs, Scientific Research and R&D, Health; (ii) Personnel, Legal Issues, Institutional Communication; (iii) Infrastructure, Security, Administrative and Financial Affairs, Library. The responsibilities and organizational structure of the vice rectors are detailed on the official website of the Higher Education Council.

BUU believes in a culture of quality and quality management in all aspects of the university system. The university regularly ensures the automation-based monitoring and certification of its quality management system, which is aligned with standards and

regulations. Scientific autonomy, societal contribution, and respect for the environment are fundamental principles in all university activities. In this context, research-oriented, innovative, creative projects that align with regional development goals are developed and supported. Through self-assessment, all processes are reviewed, and continuous improvement is aimed to enhance performance and increase efficiency across all areas. To this end, efforts to meet the criteria of national and European quality assurance systems continue without interruption.

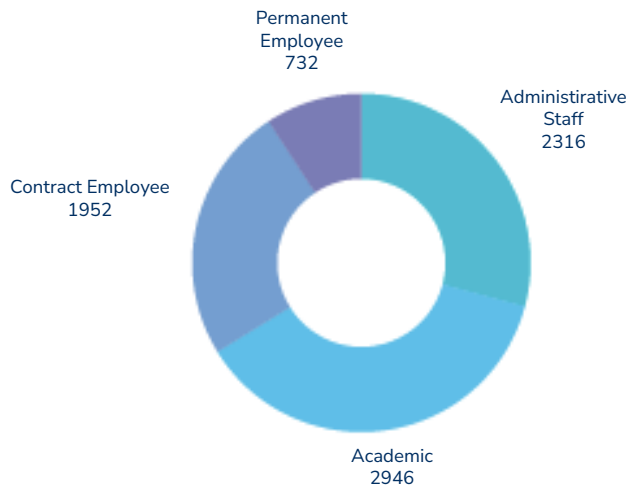
Our university regularly collects feedback through an external stakeholder survey each year. In addition, satisfaction surveys completed by students help assess the satisfaction rates related to education. Feedback and suggestions derived from the survey results are evaluated, and necessary adjustments are made accordingly.

BİRİMLER	BİRİMLER/BÖLÜMLER	AKREDİTE EDEN KURULUŞ			
BURSA ULUDAĞ ÜNİVERSİTESİ	Tamamı	TSE			
BURSA ULUDAĞ ÜNİVERSİTESİ	Tamamı	YÖKAK			
SAĞLIK BİLİMLERİ ENSTİTÜSÜ	SAĞLIK BİLİMLERİ ENSTİTÜSÜ	ORPHEUS			
EĞİTİM FAKÜLTESİ	Rehberlik ve Psikolojik Danışmanlık ABD	EPDAD			
EĞİTİM FAKÜLTESİ	Müzik Eğitimi ABD	EPDAD			
EĞİTİM FAKÜLTESİ	Fen Bilgisi Eğitimi ABD	EPDAD			
EĞİTİM FAKÜLTESİ	İngiliz Dili Eğitimi ABD	EPDAD			
EĞİTİM FAKÜLTESİ	Sınıf Öğretmenliği	EPDAD			
EĞİTİM FAKÜLTESİ	Okul Öncesi Öğretmenliği	EPDAD			
EĞİTİM FAKÜLTESİ	Resim İş Öğretmenliği	EPDAD			
EĞİTİM FAKÜLTESİ	Türkçe Öğretmenliği	EPDAD			
FEN-EDEBİYAT FAKÜLTESİ	Matematik Bölümü	FEDEK			
FEN-EDEBİYAT FAKÜLTESİ	Arkeoloji Bölümü	FEDEK			
MÜHENDİSLİK FAKÜLTESİ	Çevre Mühendisliği	MÜDEK / ENAEE			
MÜHENDİSLİK FAKÜLTESİ	Elektrik Elektronik Mühendisliği	MÜDEK / ENAEE			
MÜHENDİSLİK FAKÜLTESİ	Elektrik Elektronik Mühendisliği (İÖ)	MÜDEK / ENAEE			
MÜHENDİSLİK FAKÜLTESİ	Endüstri Mühendisliği	MÜDEK / ENAEE			
MÜHENDİSLİK FAKÜLTESİ	İNŞAAT MÜHENDİSLİĞİ BÖLÜMÜ	MÜDEK	SPOR BİLİMLERİ FAKÜLTESİ	Beden Eğitimi ve Spor ABD	SPORAK
MÜHENDİSLİK FAKÜLTESİ	Makine Mühendisliği	MÜDEK	TIP FAKÜLTESİ	TIP FAKÜLTESİ	TEPDAD
MÜHENDİSLİK FAKÜLTESİ	Makine Mühendisliği (İÖ)	MÜDEK	TIP FAKÜLTESİ	Kadın Hastalıkları ve Doğum ABD	Avrupa Jinekoloji ve Obstetri Kurulu
MÜHENDİSLİK FAKÜLTESİ	Tekstil Mühendisliği	MÜDEK	TIP FAKÜLTESİ	Kulak, Burun ve Boğaz Hastalıkları ABD	https://www.kbbbcder.org/
MÜHENDİSLİK FAKÜLTESİ	Otomotiv Mühendisliği	MÜDEK	TIP FAKÜLTESİ	Plastik Rekonstrüktif ve Estetik Cerrahi ABD	TÜRK PLASTİK REKONSTRÜKTİF VE ESTETİK CERRAHI DERNEĞİ
			TIP FAKÜLTESİ	Üroloji ABD	https://www.ebu.com/
			TIP FAKÜLTESİ	Çocuk Sağlığı ve Hastalıkları ABD	https://www.pediatrivyeterlik.org/
			TIP FAKÜLTESİ	Çocuk Cerrahisi ABD	European Board of Paediatric Urology (EBPU)
			VETERİNER FAKÜLTESİ	VETERİNER FAKÜLTESİ	VEDEK
			VETERİNER FAKÜLTESİ	Veteriner Hekimliği	EAEVE
			ZİRAAT FAKÜLTESİ	Biyosistem Mühendisliği Bölümü	ZİDEK
			ZİRAAT FAKÜLTESİ	Zootekni Bölümü	ZİDEK
			YABANCI DİLLER YÜKSEKOKULU	Tamamı	The Equals Guarantee for Language Centres
			Sürekli Eğitim Uygulama ve Araştırma Merkezi (ULUSEM)	Sürekli Eğitim Uygulama ve Araştırma Merkezi (ULUSEM)	ÇSGB MYK - EUROPASS

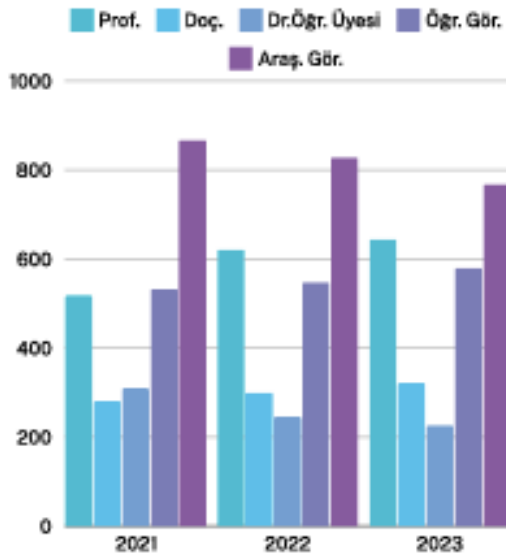
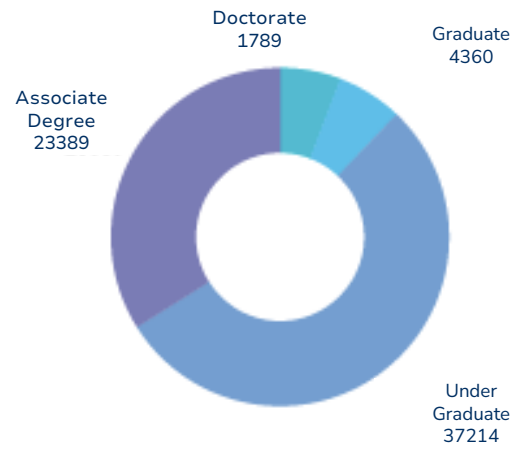


UNIVERSITY in NUMBERS

STAFF DISTRIBUTION



STUDENT DISTRIBUTION



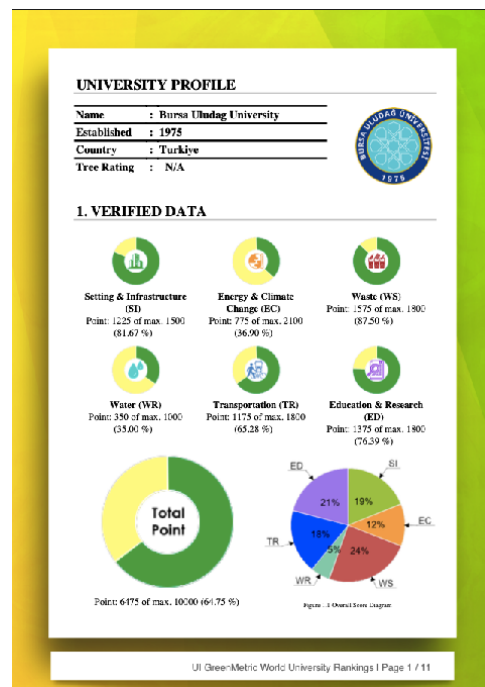
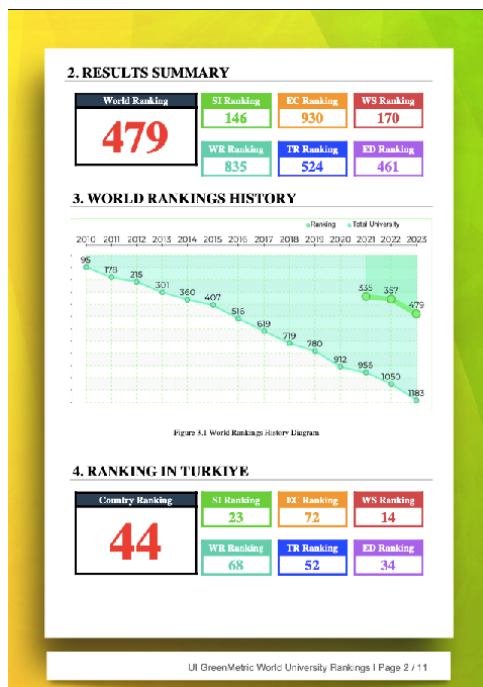
Number of students receiving health services	1853
Number of part-time students	3202
Number of students receiving a meal scholarship	1250



UNIVERSITY in NUMBERS



According to the 2023 Greenmetric results, our university ranks 479th among 1,183 universities from 84 countries participating in the ranking.

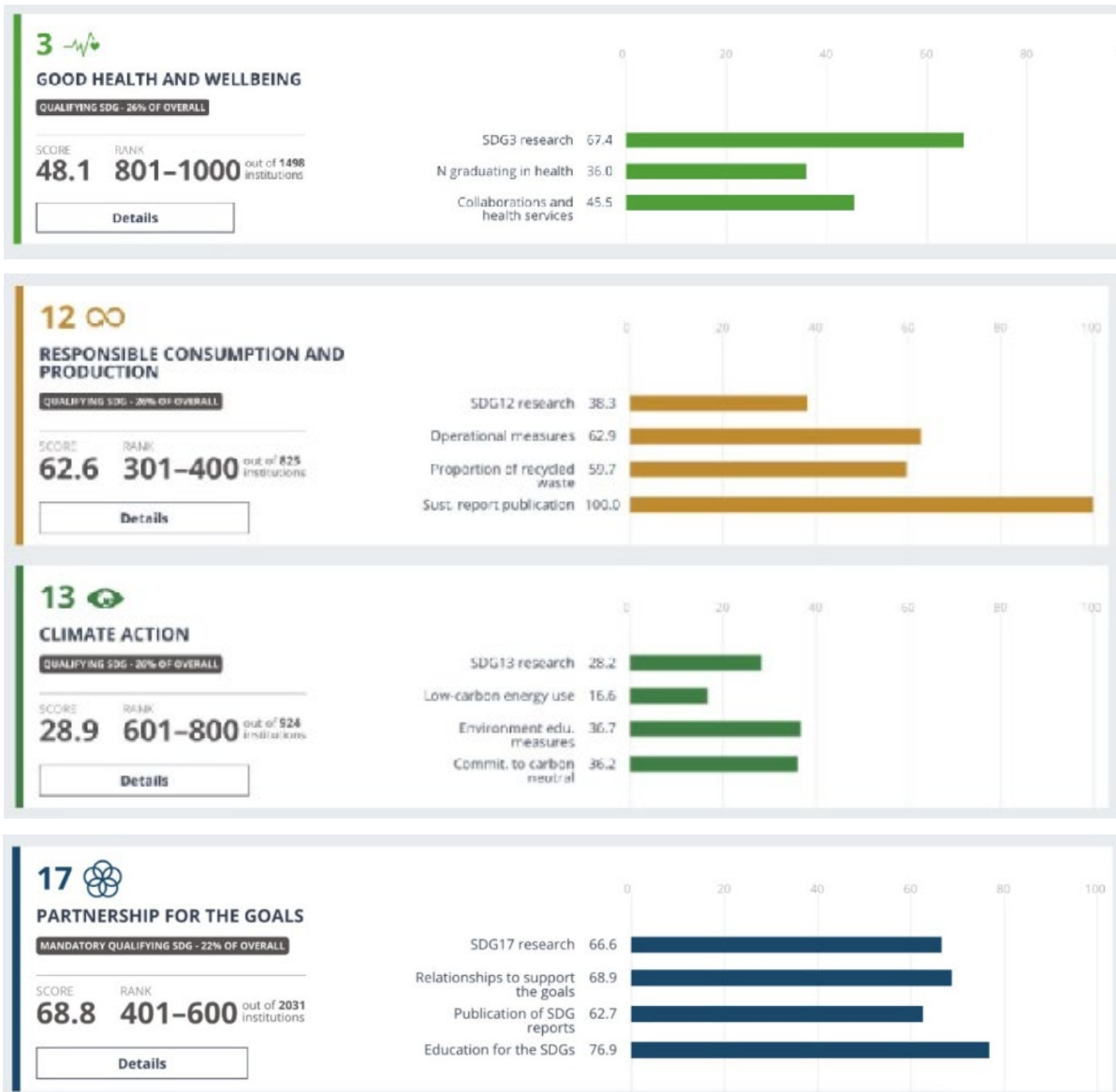




UNIVERSITY in NUMBERS



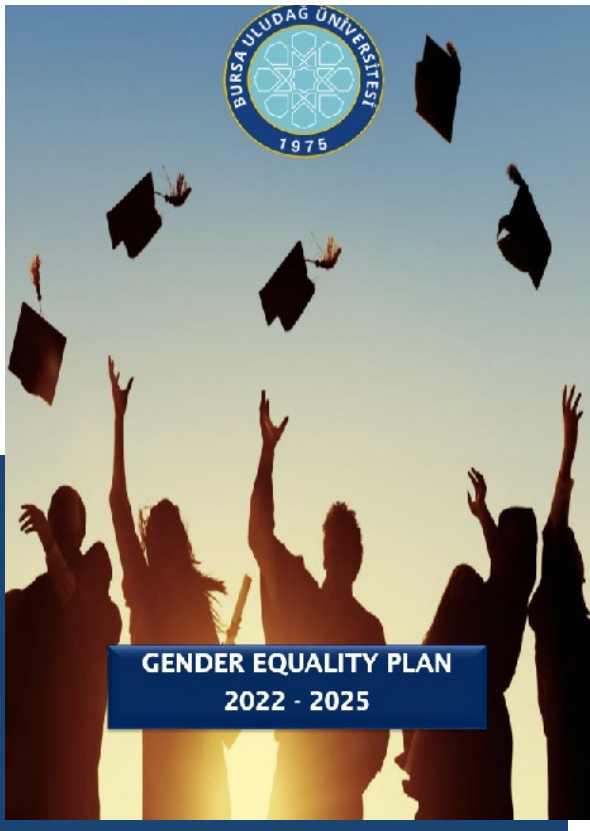
According to the Times Higher Education Impact Rankings, which evaluates universities according to the UN SDGs, our university is ranked in the 1001-1500 band among 2152 universities from 125 countries and regions in 2024.



PEACE, JUSTICE and EQUALITY

As a state university, BUU complies with national laws regarding crime, corruption, and bribery. BUU recognizes workers' rights and guarantees a working environment that respects human rights and ensures decent conditions for all employees. The university ensures equal rights for its employees when activities in public spaces are conducted by third parties. Staff are transparently informed about their responsibilities and rights. Academic freedom is guaranteed by the Higher Education Council's Code of Ethical Conduct, specifically subsection 1.2, which pertains to "academic freedom and autonomy." Scholars working at BUU can play both guiding and sharing roles by choosing their research topics and presenting their ideas and knowledge to society. BUU provides a neutral and safe environment on its campuses for political discussions. The university operates an admissions system based on the National University Entrance Exam and does not practice any form of discrimination in student admissions. BUU accepts students solely based on exam results. The university publishes its management policies and employment practices on its website. Compliance with laws and regulations is conducted in line with the Principles of Higher Education Institutions in Turkey. BUU's employment practices and Gender Equality Plan are available online.

GENDER EQUALITY PLAN



Bursa Uludağ University views gender equality as a fundamental value and an integral part of its mission. As an institution aiming for excellence in education, research, and social contribution, the university believes that creating an inclusive and fair environment is critical for both institutional success and the overall development of society. The university's commitment to gender equality aligns with the United Nations Sustainable Development Goal (SDG) 5, which focuses on achieving gender equality. It is also linked to other SDGs, such as SDG 10, which aims to reduce inequalities, and SDG 16, which supports the promotion of justice. BUU's Gender Equality Plan seeks to create a fair academic and professional environment where all individuals, regardless of gender, have equal opportunities. This plan reflects our determination to integrate gender equality into all our processes, from governance and recruitment to career development, research, and student support.



SUSTAINABILITY EDUCATION

Bursa Uludağ University (BUU) is committed to ensuring access to education for every student, regardless of ethnicity, religion, disability, or gender. BUU demonstrates its dedication to supporting sustainable development by increasing the number of courses related to the Sustainable Development Goals (SDGs) and raising awareness among students on this critical issue. The university offers a total of 1,150 courses related to sustainability across all levels and disciplines. These include both compulsory and elective courses in various departments.

Additionally, various departments organize activities related to the SDGs within the scope of their respective disciplines.

LIFELONG EDUCATION

Bursa Uludağ University's Lifelong Learning Center (ULUSEM) offers high-quality courses, seminars, and training programs to individuals, organizations, and the community, helping them acquire new developments and skills in their respective fields. In addition to training that raises awareness and enhances knowledge on the Sustainable Development Goals (SDGs), courses focusing on key concepts such as health, education, information technology, and justice, which form the core content of the SDGs, are also conducted.



**ISO 14064
Greenhouse Gas...**

Business Education



**Sustainability
Training in the...**

Executive Trainings



**Basic Mediation
Education**

Legal Education



**Philosophy Content
Development and...**



**Corporate
Sustainability...**



**Nature and Forest
Pedagogy Trainer...**



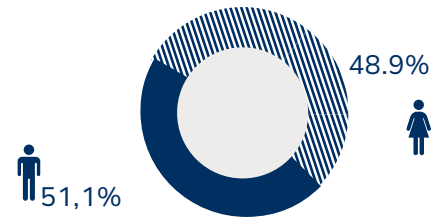
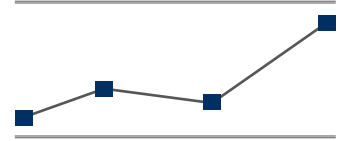
STUDENT REPRESENTATION at the UNIVERSITY

Bursa Uludağ University aims to amplify students' voices, provide solutions to their problems, and act as a bridge between university administration and students through its student representation system.

The university hosts numerous student clubs addressing various interests, which help students develop their social, cultural, academic, and athletic skills. Through these clubs and student councils, students actively participate in university governance. A wide range of events organized throughout the university enables students to engage in the management process and contribute to campus life. Additionally, as one of the universities in Turkey hosting the highest number of international students, BUU offers a rich educational environment where diverse cultural perspectives converge. This diversity also reflects in the activities of student representation and clubs, further strengthening the dynamic campus atmosphere.

6800+

More than 6800 international students have education in our University



STUDENT CLUBS & ASSOCIATIONS

- Sports Clubs Union
- Science Clubs Union
- Professional Clubs Union
- Culture and Arts Clubs Union

THE STUDENT COUNCILS

The Student Council is composed of representatives elected by students from each academic program. These representatives are responsible for facilitating communication between students in their programs and the administration of them, as well as enhancing this communication by attending relevant meetings. Through the Council, students are enabled to participate in decisions related to education and teaching.



STUDENT'S ACHIEVEMENTS at BURSA ULUDAĞ UNIVERSITY

Bursa Uludağ University Harmançık Vocational School Culinary Program students continue to stand out in every competition they enter. Most recently, they excelled at the 20th International İstanbul Gastronomy Days, held in December 2023, with 1,500 participants from 30 countries. Competing in four different categories, they achieved notable success, representing BUU as the only university-level culinary program in Bursa.



The Merih Space team, founded by students from the Faculty of Engineering at Bursa Uludağ University, represented the university as its sole team in the 2023 Teknofest 8th Türksat Model Satellite Competition, reaching the finals alongside 18 teams and finishing in 9th place. In Teknofest 2024, the team advanced to the finals as one of 15 teams selected from 167 applicants and secured 4th place in the competition. The team was also honored with the "Best Team Spirit" award.

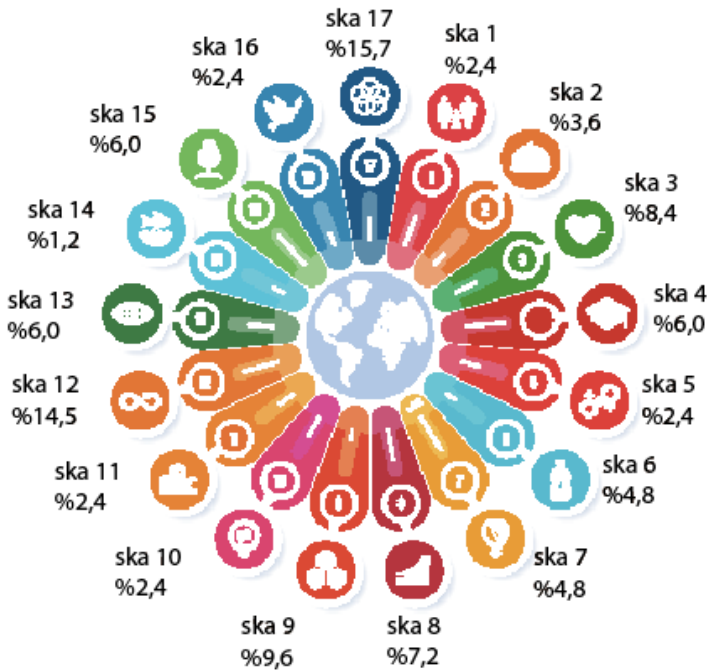


Achievements of BUU Students in Sports

Two national athletes, Berkay Ömer Öğretir and Berke Akçam, who are currently pursuing their undergraduate studies at the Faculty of Sports Sciences at Bursa Uludağ University (BUÜ), have successfully earned Olympic quotas following their outstanding performances at European Championships. Berkay Ömer Öğretir, a national swimmer, won a silver medal in the men's 100-meter breaststroke at the European Swimming Championship held in Serbia, securing a spot for the Paris 2024 Olympic Games. Meanwhile, Berke Akçam, a student at the Faculty of Sports Sciences, earned his Olympic qualification by reaching the semifinals in the men's 400-meter hurdles at the European Athletics Championships in Italy, with a time of 48.14 seconds.



RESEARCH ACTIVITIES



The contribution of researchers to the UN Sustainable Development Goals (SDGs) is published on the AVESIS BUU page. AVESIS's "Sustainable Development Goals" module is a tool where publications, projects, theses, and similar activities are visible on an international level. Throughout 2023, projects based on the SDGs continued to receive funding from both the university and various institutions/organizations. The distribution of SDG-based projects is shown in the graph below.

STUDENT'S PROJECTS

The TEKNOFEST Aerospace, Space, and Technology Festival was held at the Antalya Anfaş International Fair and Congress Center from September 5-8. Organized by the Turkey Technology Team Foundation (T3 Foundation) and the Ministry of Industry and Technology, with the support of key institutions and companies in the country, the festival showcased innovative technologies. In the TEKNOFEST competitions, student project teams from Bursa Uludağ University participated with a total of 15 teams, making it to the finals and securing awards in five different categories.



PARTNERSHIPS for the SUSTAINABLE DEVELOPMENT GOALS

OUR PARTNERS

In its 2024-2028 Strategic Plan, Bursa Uludağ University has conducted stakeholder analysis under the headings of “Identification of Stakeholders,” “Prioritization of Stakeholders,” “Evaluation of Stakeholders,” and “Collection and Evaluation of Stakeholder Opinions.” As part of this process, stakeholder feedback has been established as a key performance indicator. The university’s stakeholders include students, academic and administrative staff, alumni, prospective students, central administration, local governments, national and local authorities, national and regional research and educational institutions, NGOs, and the media.

Since 2019, regular surveys have been conducted with both internal and external stakeholders, and the results have shown positive outcomes. Examples of participatory activities in university operations include “consultation board meetings,” “industry discussions,” and “committee and commission works,” where stakeholder opinions are collected. These opinions are used for performance evaluations and planning, leading to decisions for continuous improvement.



As part of the FUSILLI project (Fostering the Urban Food System Transformation through Innovative Living Labs Implementation), a Horizon Europe (EU Horizon) initiative in which Nilüfer Municipality is a stakeholder, our university and the municipality made a collaboration.



KARSAN and the Autonomous Vehicle Development Group (OTAGG) at Bursa Uludağ University (BUU) have collaborated on autonomous vehicle technologies as part of a University-Industry Cooperation initiative.



The launch of the Sustainability Park in collaboration with Sustainability Coordination Office and Nilüfer Municipality.



The collaboration between our university and Oyak Renault, along with the factory tour, highlights the partnership between academia and industry.

PARTNERSHIPS FOR THE SUSTAINABLE DEVELOPMENT GOALS

Research and Development

Bursa Uludağ University continuously supports its research and development activities with a vision of becoming a pioneering research university that shapes the future by fostering partnerships at both national and international levels. The university is dedicated to creating a common roadmap with all stakeholders to facilitate high-quality scientific research, promote innovation and entrepreneurship, and guide collaborative efforts.

University-Industry Collaboration

To contribute to the transformation of academic expertise into value-added industry outcomes, the Bursa Uludağ University Technology Transfer Office (BUU TTO) serves as a bridge for establishing strategic partnerships. Regular industry visits raise awareness of potential collaborations, and based on industry demands, BUU TTO connects industry representatives with academics specialized in relevant fields. The office also provides support in managing contract, financial, and legal consultancy processes in university-industry partnerships.

ULUKOZA, a brand of BUU TTO, is a technology-based entrepreneurship center and an official implementer of TÜBİTAK's 1812 Investment-Based Entrepreneurship Support Program (BIGG). It oversees and operates idea-stage and early-stage acceleration programs, globalization programs, and manages pre-incubation and incubation centers.

ULUTEK Technopark, as a significant hub within the technology and innovation ecosystem, continues its activities to support technology-driven enterprises.



CAMPUS INFRASTRUCTURE



GÖRÜKLE CAMPUS AREA

14.405.663 m²

Total Budget (USD)
122,261,145

Sustainability Budget (USD)
25,465,221

Bursa Uludağ University, we are continuously renewing our campus infrastructure. Through ongoing investments on our campus, we are enhancing efficiency across multiple areas.

BIOLOGICAL DIVERSITY

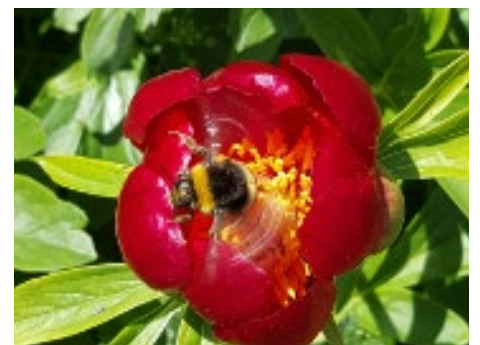
The Görükle Campus of Bursa Uludağ University spans approximately 14,406,000 m², of which 11,807,800 m² consists of forest, cultivated land, and lake areas. Buildings occupy only around 200,000 m², making the majority of the campus open space. A central goal of our university is to preserve, enhance, and support the sustainable use of natural and artificial ecosystems within this setting.

Collaborating with the Faculty of Veterinary Medicine, the Department of Biology in the Faculty of Arts and Sciences, Menan Pasinli School of Horse Training, and the Beekeeping Development Application and Research Center (AGAM), various student groups under the theme of natural life engage in activities to protect and enhance biodiversity within the campus. Key components of the biodiversity on the Görükle Campus include an 8,000,000 m² stone pine forest and the natural habitats within this forest, notably home to deer. Over

100 red deer live safely within a 72-hectare area under the veterinary care and regular maintenance provided by the Faculty of Veterinary Medicine.

The Menan Pasinli School of Horse Training preserves the cultural heritage of horse breeding and equestrian sports, while AGAM advances beekeeping and honey production using methods adapted to current conditions, benefiting from Turkey's geographic advantage in this field.

Additionally, the BUU Pond, covering approximately 90,000 m², is a vital water source for irrigating the Faculty of Agriculture's fields and serves as a recreational area for our staff and students.



SUSTAINABLE TRANSPORT

To achieve its sustainability goals and support zero-emission policies, our university actively promotes the use of electric buses and bicycle lanes. Electric buses provide an eco-friendly transportation alternative that helps improve air quality on campus by reducing carbon emissions.

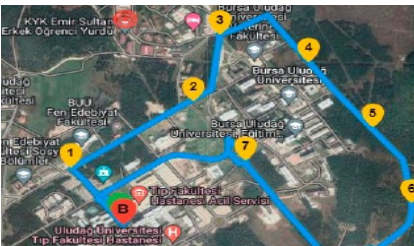
Additionally, bike lanes and a shared bicycle system offer our staff and students a healthy, environmentally conscious transportation option. These initiatives are part of the university's comprehensive efforts to create a greener campus in line with its sustainability policies.



As an alternative to rubber-tired public transportation, the campus is accessible via the metro from every region of the city.



To facilitate bicycle transportation on our campus, all new developments include bike and pedestrian paths.



To encourage bicycle use on campus, seasonal bike tours are organized.



The 118 rental bikes available at four stations on our campus represent an important step toward achieving our zero-emission goals.



Barrier-free access to all buildings on campus is provided through ramps at building entrances. Elevators facilitate access between the different floors of the buildings.

100% Electric Bus Transportation to Campus



Within the framework of our sustainable transportation policies, our campus places great emphasis on the use of metro and public transportation. Additionally, the electric bus service offers an environmentally friendly alternative, contributing to our goal of reducing our carbon footprint. These practices minimize the use of individual vehicles, conserving energy and improving air quality on campus. These steps, taken in line with our zero-emission targets, are a key part of the university's vision to build a sustainable future.

WATER / WASTEWATER MANAGEMENT

The Bursa Uludağ University Pond was constructed in 2002. The pond collects rainwater and has a capacity of 0.69 hm³. It serves to meet the campus's irrigation water needs. The gardens and cultivated areas on campus are irrigated using water from the pond.



At Bursa Uludağ University's central campus, wastewater is transmitted to the Western Wastewater Treatment Plant, operated by Bursa Water and Sewerage Administration (BUSKİ) (<https://www.buski.gov.tr/>), where it is treated. This process prevents the pollution of receiving environments by wastewater.



At Bursa Uludağ University, a rainwater harvesting project is underway on the roof of the central lecture hall building. This system will become operational once the building is in use.

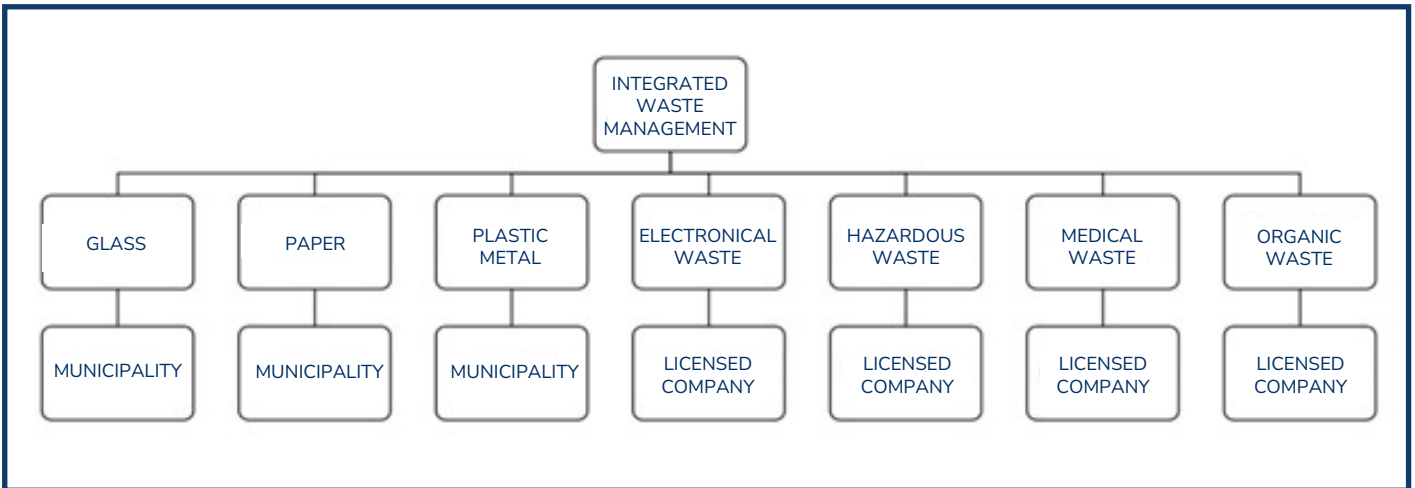


WASTE MANAGEMET

The Bursa Uludağ University Waste Management Center was established in 2019, based on principles aligned with the goal of utilizing clean, balanced energy sources for a green campus. In 2020, the center was officially recognized with the acquisition of the Zero Waste Certificate.



WASTE MANAGEMENT





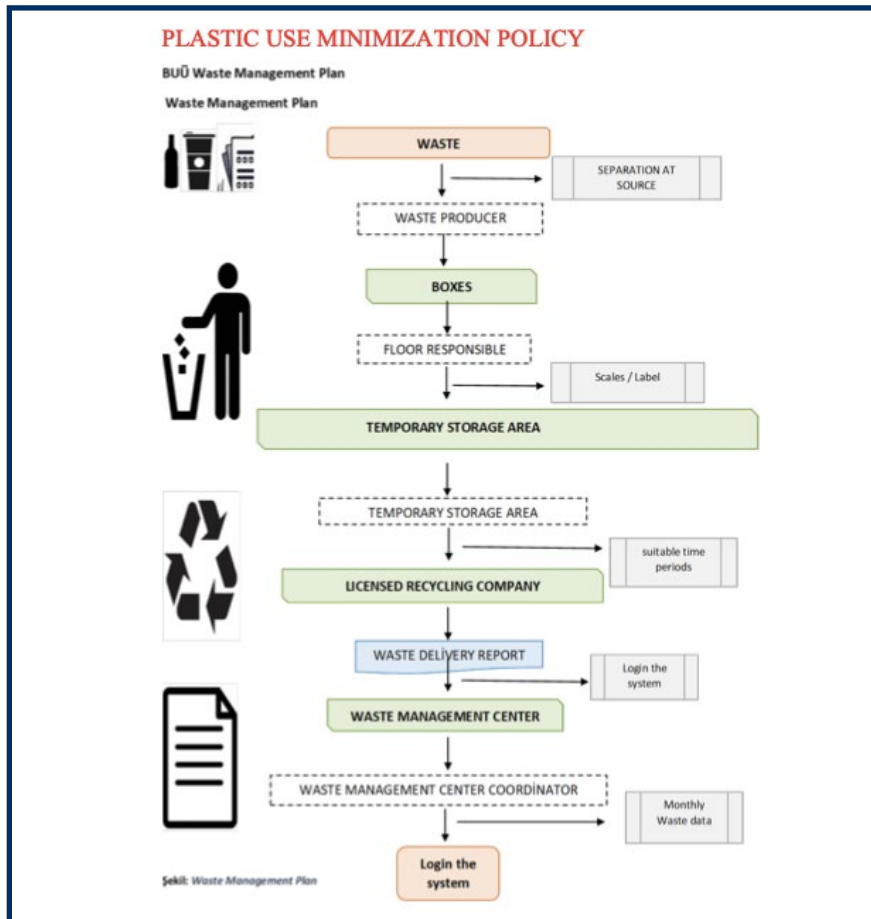
WASTE MANAGEMENT

As part of our Zero Waste Management Plan, our efforts led to the receipt of the Zero Waste Certificate for the first time at the main campus of Uludağ University. Last year, through the collaborative efforts of the Waste Management Center and our vocational schools, the university earned the Zero Waste Certificate.

BUU VOCATIONAL SCHOOLS' ZERO-WASTE CERTIFICATES



RECYCLABLE WASTE MANAGEMENT PLAN



ENERGY and CLIMATE CHANGE

Our university places significant emphasis on energy conservation and combating climate change as part of its sustainability efforts. Various projects are being implemented to reduce environmental impacts and enhance energy efficiency, with energy transformation and recovery initiatives carried out across the campus. In this context, the heating system transformation at SUAM Hospital has been an important step toward achieving our sustainability goals. Projects and initiatives are being carried out to increase the effectiveness of energy management and conservation practices. All activities in this regard are contributing to the more efficient use of energy resources and advancing the university's energy management strategies. Bursa Uludağ University exceeded the 15% energy savings target set by the Presidential Circular No. 2019/18 of the Republic of Turkey,

and was awarded the “Superior Achievement Certificate” by the Ministry of Energy and Natural Resources. This achievement has reinforced the university's leadership position in energy efficiency and has become a significant example of efforts to reduce public energy expenditures.



SUAM HOSPITAL HEATING SYSTEMS TRANSFORMATION

SUAM Hospital modernized its outdated and inefficient central steam system, transitioning to a new heating system. After 1.5 years of preparation, the new system was gradually implemented at the beginning of 2023 and became fully operational by March. Geothermal pipes and hygienic boilers were used to enhance hot water comfort and prevent the formation of Legionella bacteria.

The transformation resulted in a savings of 11.33 million TL during the first three months of 2023, with the investment costs expected to be recouped within six months. Additionally, by deactivating circulation pumps, the hospital saved 180,000 TL per month and reassigned 20 staff members to different roles. The new system has provided the hospital with a more efficient and secure heating infrastructure.

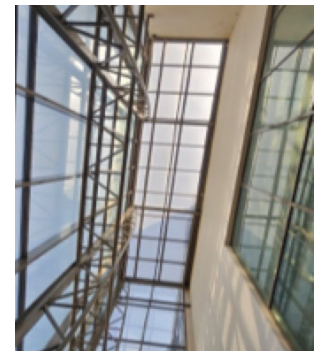
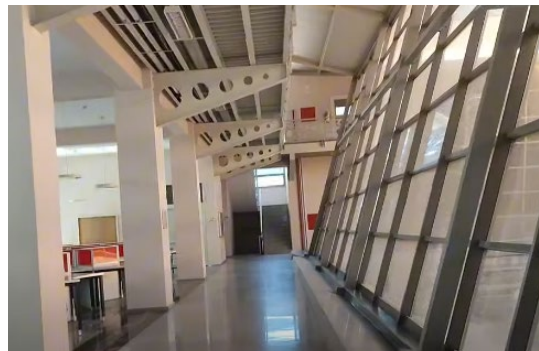
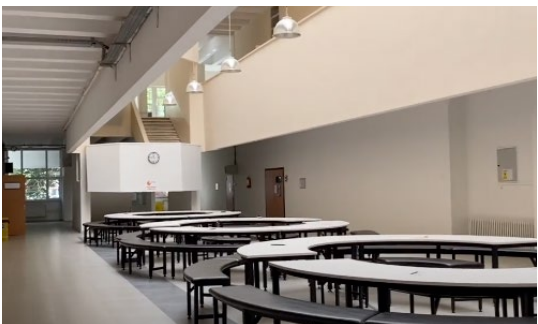


ENERGY and CLIMATE CHANGE

Passive Lighting and Ventilation in Buildings

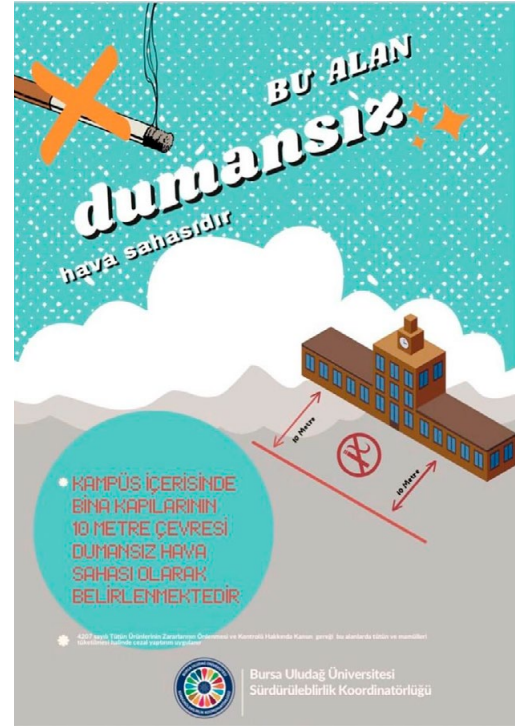
In recent years, the growing threat of energy resource depletion and global warming has underscored the importance of energy efficiency in buildings, which is directly linked to environmental protection, climate change mitigation, and energy security. Buildings account for a significant share of total energy consumption, and using energy efficiently in these structures leads to considerable energy savings. With this awareness, many buildings on our university campus have adopted environmentally-friendly design approaches, ensuring that interior spaces benefit from natural lighting and ventilation.

The passive lighting and ventilation systems in our buildings not only contribute to energy savings but also have a positive impact on the physiological and mental health of users.



SMOKE-FREE AIRSPACE

Reducing tobacco use plays a significant role in global efforts to achieve the Sustainable Development Goal of reducing early deaths from non-communicable diseases (NCDs) by one-third by 2030. Many of the 17 Sustainable Development Goals are directly or indirectly related to tobacco use. Every person has the fundamental right to breathe clean air, and tobacco-free environments are essential to ensure this right. We are committed to ensuring that our students, staff, and visitors on campus are aware of their right to clean air!



In collaboration with the Prof. Dr. Nihat Özyardımcı Smoking Cessation Clinic at the Faculty of Medicine and with the approval of our Rectorate, the “SUSTAINABILITY PARK” has been designated as the first smoke-free outdoor area on our Görükle Campus.



SUSTAINABILITY COORDINATION ACTIVITIES for the 2023-2024 ACADEMIC YEAR

The Sustainability Coordination Office at our university plays a crucial role in implementing various initiatives and strategies aimed at promoting sustainability across campus. These activities focus on environmental, social, and economic dimensions of sustainability, ensuring that the university's operations align with global sustainability goals. Key activities include; energy efficiency projects, waste management, sustainable transportation, sustainable campus design, education and awareness, collaboration with local partners.

European Waste Reduction Week / Symposium

November 2023



AVRUPA ATIK AZALTIM HAFTASI (European Week for Waste Reduction – EWWR) 15-26 Kasım 2023	
Ambalaj Atıkları Azaltım Etkinliği 22 Kasım 2023	
KUPANI GETİR KAHVENİ GÖTÜR!	
Program	Sayıp Duruşu ve İstiklal Marşı
10:00-10:05	Açılış Konuşmaları
10:05-10:30	Prof. Dr. Ayca ŞAHANTÜRK, BUÜ Sürdürülebilirlik Koordinatörü Prof. Dr. Feriitun YILMAZ, Bursa Uludağ Üniversitesi Rektörü
10:30-10:45	Karagöğüş Hacivat Gösterisi
	Doç. Dr. İbrahim ÖZTAHTALI ve Nevalet ÇİFTÇİ
10:45-12:00	OTURUMLAR
	Moderatör: İrem Sengül YORGANCI, BUÜ Atık Yönetim Merkezi Çevre Mühendisi
	Doç. Dr. Selma UÇAROĞLU, BUÜ Mühendislik Fakültesi Çevre Mühendisi/Bölümü Kültür, Güzel Sanatlar ve Atık Azaltım Teşekülü
	Prof. Dr. Şükriye ADA, BUÜ Eğitim Fakültesi Eğitim Bilimleri Bölümü Sürdürülebilir Çevre ve Bireysel Farkındalık
	Serkan KARAKAYA, BUÜ Atık Yönetim Merkezi Koordinatörü Üniversitede Atık Azaltım Çalışmaları
	Çiğdem DİŞLİ, Bursa Büyükşehir Belediyesi Sıfır Atık ve İklim Değişikliği Şube Müdürü V. Bursa'da Atık Yönetimi Çalışmaları
	Dilek YÖKSÜK, Osmangazi Belediyesi İklim Değişikliği ve Sıfır Atık Md. Çevre Mühendisi Belediyelerde Atık Azaltım Çalışmaları
12:00-12:30	Stant Ziyareti
	Mini Kanser, Uludağ Müzik Topluluğu Bursa Büyükşehir, Osmangazi, Yıldırım ve Nilüfer Belediyelerinin Çevresel Sürdürülebilirliğe Yönelik Çalışmalarını sergiledikleri standlar



A symposium was held to raise public awareness about the concept of sustainability and the importance of waste reduction, with participation from the university's senior management, experts from the Metropolitan Municipality, and district municipalities. At the end of the symposium, in collaboration with Yıldırım Municipality, pet food made from processed food waste was distributed to participants.

Sustainability Communication Center Design Workshop with BUU Architecture Department Students

November 2023 - January 2024

In a workshop held by the Department of Architecture in the Faculty of Architecture at Bursa Uludağ University, students were tasked with designing a “Sustainability Interaction Center / Sustainability Pavilion” for BUU Görükle Campus. This pavilion aims to raise awareness about the Sustainable Development Goals and encourage related research. Over the three-week design process, students developed a structure that reflects BUU’s mission, vision, and core values, serves all campus users, enhances campus life, and has the potential to become a symbolic element. The most successful designs were shared on the university website.



7 AFFORDABLE AND CLEAN ENERGY



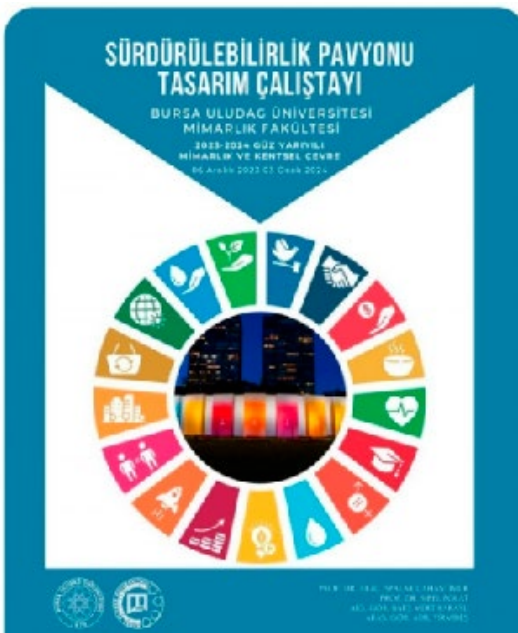
11 SUSTAINABLE CITIES AND COMMUNITIES



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



17 PARTNERSHIPS FOR THE GOALS



“Throw the Cigarette Pack, Get a Book” Event on World No Tobacco Day

January 2024



This event, organized in collaboration with the BUU Faculty of Medicine Smoking Cessation Clinic, aims to promote healthy lifestyle behaviors on university campuses. It encourages all individuals studying or working at the university to serve as role models for the community. The event also emphasizes the importance of encouraging future generations to lead a tobacco-free life, supporting the university's commitment to fostering a healthy, smoke-free environment for students, faculty, and staff.

3 GOOD HEALTH
AND WELL-BEING



7 AFFORDABLE AND
CLEAN ENERGY



17 PARTNERSHIPS
FOR THE GOALS



Battery Recycling Event with Duracell Turkey

March 2024



The collected used batteries will be sent to the Association of Portable Battery Manufacturers and Exporters for disposal in an environmentally safe manner. This initiative aims to prevent environmental pollution and raise awareness among campus residents about both the prevention of environmental contamination and their contribution to the circular economy.



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



13 CLIMATE ACTION



17 PARTNERSHIPS FOR THE GOALS



BUU Görükle Campus Sustainability Park

March 2024



The Sustainability Park on Görükle Campus has been established as an open public space where BUÜ students, staff, and campus visitors can spend quality time and reflect on the Sustainable Development Goals.

The park offers areas for relaxation and walking, providing opportunities for both exercise and socialization. By designating the park as a smoke-free area, visitors are encouraged to reconsider the harms of tobacco and enjoy fresh, clean air. The development of the

Sustainability Park was made possible through collaboration with Nilüfer Municipality.





Plastic Cap Collection Event

May 2024



The Plastic Cap Collection Campaign has successfully raised awareness among participants and those around them about recycling and environmental responsibility. It also serves as a step towards addressing inequalities by promoting inclusivity and environmental action. The collected plastic caps are intended to fund the purchase of a wheelchair, providing support to a mobility-impaired community member. Although the total number of caps collected is yet to be determined, the event has fostered collaboration with student organizations, strengthening community involvement in sustainability efforts. This initiative not only promotes recycling but also fosters social impact by directly benefiting someone in need.



3 GOOD HEALTH AND WELL-BEING



11 SUSTAINABLE CITIES AND COMMUNITIES



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



17 PARTNERSHIPS FOR THE GOALS

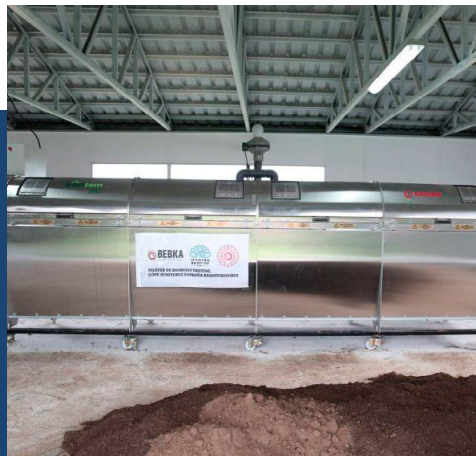


Compost Project on Görükle Campus in collaboration with Nilüfer Municipality and BUU under the EU+ Project

May 2024



The project aims to repurpose tea and coffee waste from food and beverage establishments on our Görükle Campus, enhancing institutional representation as a partner in an international research initiative. This effort not only promotes sustainable waste management practices but also strengthens BUU's visibility and impact in global research on sustainability.



3 GOOD HEALTH AND WELL-BEING



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



15 LIFE ON LAND



17 PARTNERSHIPS FOR THE GOALS





Social Media Content Competition on the Health and Environmental Harms of Tobacco and Tobacco Products

May 2024

TÜTÜN ÜRÜNLERİNDEN HER YIL

8 MİLYON

HER 4 SANİYE 1 İNSAN ÖLÜYOR

29 MAYIS 2024 E KADAR TÜTÜN ÜRÜNLERİNİN ZARARLARINI ANLATAN PAYLAŞIMINI YAP ÖDÜLÜ KAP

ÖDÜL HEDİYE ÇEKİ

ULUDAG.EDU.TR/SURDURULEBİLİRLİK

A competition has been organized to raise awareness about the health and environmental harms of tobacco and its derivatives, viewed through the perspective of our students. The aim is to increase awareness among the younger generation, with awards given to the most impactful submissions. This initiative encourages students to creatively address the issue and contribute to fostering a tobacco-free and environmentally conscious community. The initiative aims to engage the university community in meaningful dialogue on tobacco's risks while promoting a smoke-free, healthy campus culture. Winning entries showcased on the university's social media platforms, amplifying their reach and impact.

3 GOOD HEALTH AND WELL-BEING



11 SUSTAINABLE CITIES AND COMMUNITIES



17 PARTNERSHIPS FOR THE GOALS





THEMATIC INDEX

SUSTAINABILITY IMPACT RANKING METHODOLOGIES FOR HIGHER EDUCATION INSTITUTIONS AND BUU SUSTAINABILITY REPORT : AN ANALYTICAL INDEX			
Times Higher Education SDG Impact	Pages indicating the locations of key concepts examined by Times Higher Education SDG Impact methodology in the report	UI Greenmetric World University Ranking	Pages indicating the locations of key concepts examined by UI Greenmetric World University Ranking methodology in the report
SDG1	06,13	1.Setting and Infrastructure (SI)	03,16,17,18, 24,26,29
SDG2	06,13	2. Energy and Climate Change (EC)	22,23,27
SDG3	06,13,24,27,32	3.Waste (WS)	20,21,25,28,30,31
SDG4	05,10,11,12,13	4. Water (WR)	19
SDG5	06,09,13	5.Transportation (TR)	18
SDG6	13,19	6.Education and Research (ED)	03,04,05,06,09,10,11,12,13, 14,15,26
SDG7	13,18,22,23		
SDG8	06,09,13,		
SDG9	13,15		
SDG10	06,11,13		
SDG11	13,18,22,23,25,26,28,29		
SDG12	13,18,19,20,21,22,23,24,25, 28,30,31		
SDG13	10,13,18, 22,23,24		
SDG14	13,15,17,19,30		
SDG15	13,16,17,19,20,21,29,30,31		
SDG16	04,09,11,13,14,15,16,31		
SDG17	04, 10,11,13,14,15,31		



SUSTAINABILITY OFFICE

BURSA ULUDAĞ ÜNİVERSİTESİ
2023 - 2024

<https://www.uludag.edu.tr>

<https://uludag.edu.tr/surdurulebilirlik>