DOKUZ EYLUL UNIVERSITY
SUSTAINABILITY REPORT 2024-2025





October 2025 – Izmir, Türkiye

Contents

[1] Setting and Infrastructure (SI)

[1.1] Types of the higher education institution

Dokuz Eylul University gives comprehensive education.

[1.2] Climate

The Mediterranean climate is dominant in the region (Izmir city) where Dokuz Eylul University is located.

[1.3] Number of campus sites

Dokuz Eylül University conducts its academic and research activities across 20 distinct locations within the province. The institution encompasses 18 faculties, 10 institutes, 1 conservatory, and 8 vocational schools, in addition to 49 application and research centers, which include a Research Hospital as well as an Oral and Dental Health Practice and Research Center. The university's principal campuses are located in the Buca district, comprising the Central Campus (4.5 million m²), the Faculty of Education Campus (110,265 m²), and the Dokuzçeşmeler Campus (76,148 m²).

The Central Campus, formerly known as Tınaztepe Campus, is recognized as the main and largest campus of DEU which hosts a wide spectrum of academic units. In the field of social sciences and humanities, it accommodates the Faculty of Literature, the Faculty of Law, the Faculty of Management, the Faculty of Tourism, the School of Foreign Languages, the Vocational School of Law, the Institute of Social Sciences, and the Institute of Atatürk Principles and History of Revolution. In the area of science and engineering, the campus includes the Faculty of Science, the Faculty of Engineering, the Faculty of Architecture, and the Graduate School of Applied and Natural Sciences. In the domain of arts and culture, it houses the Faculty of Fine Arts, the Institute of Fine Arts, and the State Conservatory. Finally, in the field of specialized disciplines, the campus hosts the Faculty of Maritime Affairs.

Central (Tınaztepe) Campus

The Faculty of Education has its own campus in Buca, while the Faculty of Economics and Administrative Sciences is located at Dokuzçeşmeler Campus. In İnciraltı, the 15 Temmuz Health

and Art Campus (332,191 m²) houses the Faculty of Medicine, Faculty of Dentistry, Faculty of Nursing, Faculty of Physical Therapy and Rehabilitation, International Institute of Biomedicine and Genomics, Oncology Institute, and the Institute of Health Sciences.

Faculty of Education Campus

Dokuzçeşmeler Campus

Other university units are located across various campuses. The Faculty of Theology and the Research Center of Theological Sciences are based at Hatay Campus (33,059 m²), the Institute of Marine Science and Technology at İnciraltı Campus (2,766 m²), and Nejat Hepkon Faculty of Sports Sciences at Seferihisar Campus (4,858 m²). Additionally, the Vocational School of Bergama operates at Bergama Campus (171,928 m²), Efes Vocational School at Selçuk Campus (7,455 m²), Torbalı Vocational School at Torbalı Campus (76,826 m²), and the Veterinary Faculty at Kiraz Campus (1,949 m²).

In addition to its main campuses, the university maintains several significant facilities, such as the Sabancı Cultural Palace in Konak, the Çakalburnu Center of Excellence in Urla, the Seferihisar Training Center, and

student dormitories located in both Buca and Seferihisar. The Rectorate of the university is currently situated in Alsancak, occupying an area of 14,321 m², and also houses DEDAM (the Application and Research Center of Language Education), which extends over 13,376 m².

15 Temmuz Health and Art Campus

İnciraltı Campus (IMST)

Faculty of Theology in Hatay Campus

DEU Nejat Hepkon Faculty of Sports Sciences ins Seferihisar Campus


Bergama Vocational High School Campus


Torbalı Vocational High School Campus

Selçuk Efes Vocational High School Campus

Student Training and Recreation Facilities in Seferihisar

Rectorate in Alsancak

Hotel Dokuz Eylül in Konak


DEU Sabancı Cultural Palace in Konak

[1.4] Campus Setting

The major, highly populated and/or large campuses of Dokuz Eylul University (DEU) are Tınaztepe Campus, 15 Temmuz Health and Art Campus, Faculty of Education Campus and Dokuzçeşmeler Campus. These campuses are located either just in the city center, or they are adjacent to the most active and popular residential areas of the city. Therefore, the campus settings of DEU can be defined as urban.

[1.5] Total campus area (m^2)

Dokuz Eylul University (DEU) continues its services on a total area of **5.535.433,86 m^2** in terms of land and land area, according to its ownership status

UNIVERSITY CAMPUSES	
Campus Name	**Total Area (m^2)**
Central (formerly Tınaztepe) Campus	4.500.000,00
Faculty of Education Campus	110.265,00
Dokuzçeşmeler Campus	76.148,00
15 Temmuz Health and Art Campus	332.190,83
İnciraltı Campus (Institute of Marine Sciences and Technology)	27.666,00
Hatay Campus (Faculty of Theology)	33.059,00
Alsancak (Rectorate)	14.321,00
Alsancak (DEDAM)	13.376,21
Konak (Hotel Dokuz Eylül)	584,00
Konak (Sabancı Culture Palace)	1.667,50
Buca (Evka-1 / Student Dormitory)	17.176,76
Seferihisar Campus (Fevziye Hepkon Sports Sciences App. and Res. Center)	9.045,22

Seferihisar Campus (Necat Hepkon Faculty of Sports Sciences.)	4.858,41
Bergama Campus (Bergama Vocational School)	171.928,00
Urla (Naval Training center)	8.840,00
Selçuk Campus (Efes Vocational School)	7.455,00
Torbalı Campus (Torbalı Vocational School)	76.826,00
Seferihisar Training Facilities	17.677,52
Kiraz Campus (Veterinary Faculty)	1.949,00
Kiraz Chicken Farm Land	2.566,00
Kiraz Marketplace Land	1.022,00
Kiraz Yenimahalle	4.100,00
Kiraz- Hisar	604,00
Aliağa Occupational and Environmental Diseases Hospital Land	102.108,41
TOTAL	**5.535.433,86**

*Immovables belonging to the University that are still in the state of land

[1.6] Total campus ground floor area of buildings (m^2)

The area occupied by the buildings in DEU Campuses is 256.106 m^2 .

[1.7] Total campus buildings area

DEU also has a total usage area of 821.049,00 m^2 as a closed settlement area in the buildings and facilities (including all floors).

UNIVERSITY CAMPUSES	
Campus Name	**Total area of buildings (m^2)**
Tınaztepe Central Campus	339.318,00
Faculty of Education Campus	42.312,00
Dokuzçeşmeler Campus	51.328,00
15 Temmuz Health and Art Campus	270.814,00
İnciraltı Campus (Institute of Marine Sciences and Technology)	6.400,00
Hatay Campus (Faculty of Theology)	16.564,00
Alsancak (Rectorate)	15.592,00
Alsancak (DEDAM)	822,00
Konak (Hotel Dokuz Eylül)	3.406,00

Konak (Sabancı Culture Palace)	5.758,00
Buca (Evka-1 / Student Dermitory)	24.132,00
Seferihisar Campus (Fevziye Hepkon Sports Sciences Application and Research Center)	7.617,00
Seferihisar Campus (Necat Hepkon Faculty of Sports Sciences.)	3.189,00
Bergama Campus (Bergama Vocational School)	4.509,00
Urla (Naval Training center)	4.685,00
Selçuk Campus (Efes Vocational School)	5.368,00
Torbalı Campus (Torbalı Vocational School)	10.145,00
Seferihisar Training Facilities	4.108,00
Kiraz Campus (Veterinary Faculty)	4.982,00
TOTAL	**821.049,00**

*Immovables belonging to the University that are still in the state of land

[1.8] The ratio of open space area to total area (SI.1)

[1.5) TOTAL CAMPUS AREA: 5.535.433,86 m^2

[1.6] TOTAL CAMPUS GROUND FLOOR AREA of BUILDINGS : 256.106 m^2

[1.5]-[1.6]} TOTAL OPEN AREA : 5.279.327 m^2

[1.5]-[1.6]} / [1.5] x 100 : RATIO OF OPEN AREAS TO TOTAL AREAS **: 95,4 %**

Only 256.106 m^2 of the total area of 5.535.433 m^2 in DEU campuses is the building area sitting on the ground. The remaining 5.279.327 m^2 area is open space, constituting 95,4 % of the total area.

[1.9] Total area on campus covered in forest vegetation used for research, teaching, and/or community engagement (SI.2)

All forested areas at Dokuz Eylul University serve as outdoor classrooms and research spaces where students and scientists conduct ecological studies and collect data. Camera traps installed across forest zones continuously record local wildlife, helping protect biodiversity and support sustainable ecosystem management. Through the EU PRIMA ValueFarm Project (ended in 2025), researchers analyzed wild plant species from campus ecosystems to explore their potential in sustainable agriculture and land restoration.

Additionally, the Department of Environmental Engineering's Air Pollution Laboratory conducts long-term monitoring of air quality at Tınaztepe Campus, tracking pollutants like SO_2, NO_x, and O_3, along with meteorological conditions, to aid urban sustainability and climate policy. Fieldwork and topography labs provide students with practical training in geodetic measurements, surveying, and mapping, enhancing both their technical and environmental literacy.

Altogether, DEU integrates education, research, and environmental protection into a unified model of sustainability, acting as a living laboratory for sustainable development.

Forested areas cover approximately 3,111,315 m², making up 56.2% of the total campus area.






Views from forest vegetation in DEU Campuses

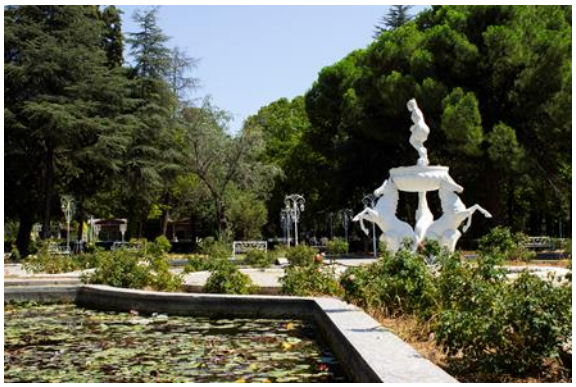
Camera traps in DEU forests

Air quality measurements in DEU forests

Wild edible plants for the EU VALUEFARM Project

[1.10] Total area on campus covered in planted vegetation (SI.3)

Forested areas occupy a large portion of DEU campuses, providing rich natural landscapes and ecological value. Alongside these forests, cultivated lands are also extensive, significantly contributing to the remarkable diversity of plant species across the campuses. Every campus hosts a variety of green spaces, which not only enhance the visual appeal of the environment but also serve educational and research purposes. Through projects aimed at crop cultivation, initiatives designed to enrich the vegetation cover, and continuous afforestation programs, the total cultivated land area has reached 685.919 m². This figure corresponds to 12.4% of the total campus area, highlighting the university's strong commitment to sustainability, biodiversity, and the integration of natural spaces into academic life.



a. Views from Buca Education Faculty Campus


b. Views from Rectorate






c. Views from Tınaztepe Central Campus

d. Views from Soil Health Living Lab Project and plannting activities

e. Views from Dokuzçeşmeler Campus

[1.11] Total area on campus for water absorption besides the forest and planted vegetation (SI.4)

In addition to forested and planted vegetation, the total water-absorbing area amounts to approximately 613.921 m², which includes deforested lands and soil surfaces. On the campuses, all hard-surfaced areas—such as building surroundings, parking lots, and sidewalks—are covered with water-permeable interlocking parquet, with the exception of vehicle roads. Vehicle roads themselves cover 227.579 m², while the remaining 77.550 m² of hard surfaces are water-absorbent. Consequently, the overall water-absorbent area reaches 1.384.477 m², corresponding to 25% of the total campus area.

[1.12] Total number of regular students

The total number of regular students (full-time and part-time) at DEU is reported as 64.318.

[1.13] Total number of online students

The total number of students registered as onlly (excluding regular students) at DEU is reported as 1545.

[1.14] Total number of academic and administrative staff

The total number of effective full-time academic staff and administrative staff working in DEU is reported as 7672.

[1.15] The total open space area divided by the total campus population (SI.5)

The open space area per person in our campus is reported as 73,33 m^2 /person. (Calculated as 5.279.327 m2 / 71.990).

[1.16] Total university budget (in US Dollars)

The average university budget per annum over the last 3 years in US Dollars is 169.084.620.

[1.17] University budget for sustainability efforts (In US Dollars)

As described in 1.16, total university budget of Dokuz Eylül University for the last three years (2022-2023-2024) has been approximately 169.084.620 USD. In the same period, the three-year average value of the total expenditures made within the scope of sustainability studies within the university reached 38.443.907 USD.

University budget for sustainability efforts			
Expenditure type	**2022**	**2023**	**2024**
Infrastructure Expenditures (TL)	80.089.694	64.842.123	173,512,822,84
Facility / Equipment Expenditures (TL)	117.860.135	529.606.064	447.448.538,00
Research Projects Expenditures (TL)	249.407.640	274.736.420	446.871.501,03
Water / Cleaning Agent Expenditures (TL)	12.512.649	21.578.964	38.402.092,06
Energy Expenditures (TL)	96.255.450	120.104.896	165.449.200,01
Lab / Private Mat. Expenditures (TL)	9.683.175	25.939.921	108.838.437,31
Other Goods / Services Purchase Fees (TL)			
Assignment Expenses (TL)			
Duty Expenses			
Service Purchases			
OVERALL TOTAL (TL)	**565.808.743**	**1.036.808.388**	**1.380.522.591,25**
Total Expenditure (TL)	**565.808.743**	**1.036.808.388**	**1.380.522.591,25**
3 Year Average Dollar Exchange	**18,73**	**24.10**	**32,79**
Total Expenditure ($)	**30.208.688**	**43.021.095**	**42.101.939,45**
AVERAGE OF 3 YEARS ($)	**38.443.907**		

[1.18] The percentage of university budget for sustainable efforts

The percentage of university budget for sustainable efforts count for 22,7 %.

[1.19] Campus facilities for disabled, special needs and or maternity care (SI.8)

Dokuz Eylül University Disabled Student Coordination Unit (Engelsiz DEÜ), established in 2009, operates in line with Article 12 of the Higher Education Institutions Disability Advisory and Coordination Regulation to ensure the equal participation of students with special needs in higher education. The unit coordinates efforts to address academic, social, administrative, and physical requirements, ensures that campuses and learning

environments comply with TS 9111 accessibility standards.

At Dokuz Eylül University, various physical accessibility measures are implemented for students with disabilities. At the Prof. Dr. Fuat Sezgin Central Library, services include digital course documents, audio materials, Braille books, relief graphic resources, audio description for visual materials, an accessible study room, a computer-supported study hall, and two professional audio recording units. The Induction Loop System has been installed in the Sabancı Cultural Center, Buca Faculty of Education Science Building, Central Library, and Distance Education Center to support students with hearing impairments. For visually impaired students, an Audio Guidance System operates in several university buildings, including the Faculty of Education, the Central Library, the Faculty of Economics and Administrative Sciences, and the Distance Education Center. In addition, spatial accessibility arrangements have been made at the Seferihisar Student Training and Recreation Facilities. For on-campus transportation, the university provides eight shuttle buses, two of which are accessible, with schedules adjusted according to students' needs.
Across DEU campuses, there are 92 ramps, 53 elevators, 72 accessible restrooms, 88 suitable doors and entrances, 13 wheelchairs, and 21 designated parking spaces available for individuals with disabilities. At all dormitories operating within Dokuz Eylül University, students with a disability rate of 40% or above are granted priority in registration applications.
DEU provides eight shuttle buses for on-campus transportation, two of which are accessible. The shuttle schedule is planned and updated according to the needs of students with disabilities in both summer and winter terms.
Dokuz Eylül University offers a range of services for students with disabilities, including orientation programs for students with special needs, academic accommodation services, counseling support, accessible learning materials, informational activities, peer volunteer support, accessible social and cultural activities, and accessible housing and transportation.
Pre-school education for children aged 3–6 of Dokuz Eylül University's academic and administrative staff is provided at the Buca Tınaztepe and Faculty of Education campuses under the Department of Health, Culture, and Sports. In addition, the DEU 75th Year Schools, located on the Tınaztepe Campus, host around 50 children in their daycare class, offering discounted fees for DEU personnel.
Built on a 30.000 m² area, the DEU 75th Year Primary School offers students a comfortable and tranquil learning environment supported by its horizontal architectural design, green surroundings, and spacious high-ceilinged classrooms. Students are able to spend breaks in touch with nature and participate in certain lessons in open-air classrooms. Situated within the Tınaztepe Campus, the school provides a safe and nurturing educational setting. Although it was originally founded to serve the children of DEU's staff, it also admits students from outside the university community within the limits of its enrollment capacity.
Therefore, the facilities for enabled exist in all buildings and are fully operated.

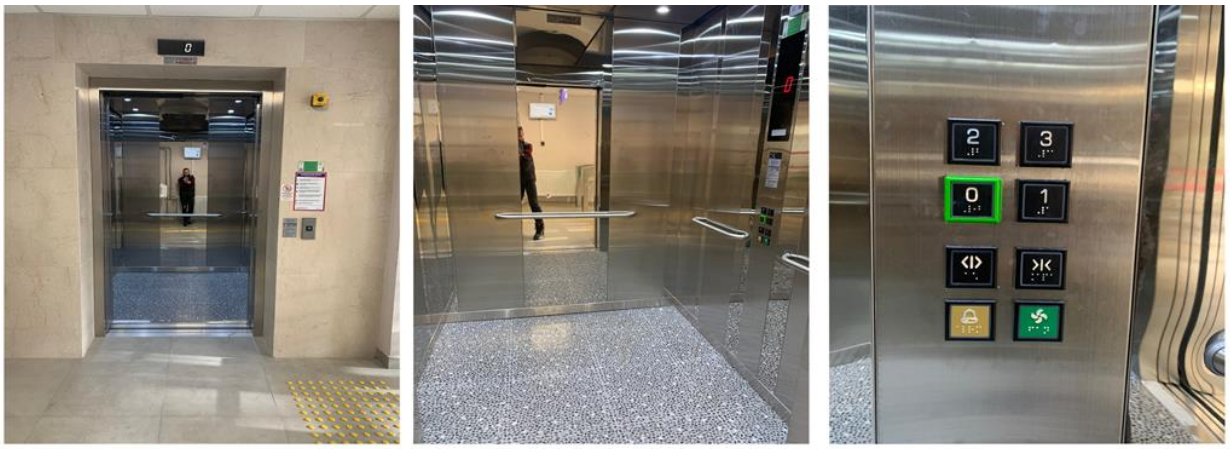
Reading and Sound Units

Induction Loop System

Audio Guidance System

Seferihisar Student Education and Recreation Center

Accessible Shuttle Service for Individuals with Disabilities



Elevators from various campuses

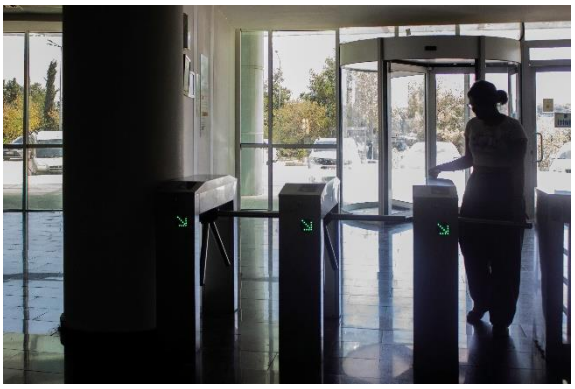
Parking areas reserved for disabled individuals

Accessible circulation areas in different campus sites

Ramps in different campus sites

[1.20] Security and safety facilites (SI.8)

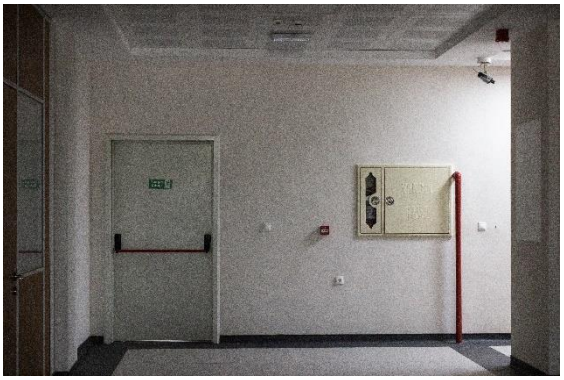


Security points in Central Campus Entrances

Security points in 15 Temmuz Health and Art Campus





Fire Extinguishing systems in Tınaztepe Campus

Panic buttons in Tınaztepe Campus


At Dokuz Eylul University, the Directorate of Protection and Security, operating under the General Secretariat, is responsible for ensuring campus safety. The unit works in accordance with the Directive on

the Implementation of Security Services, issued in 2017. Its main duty is to protect the university's buildings, social areas, gardens, vehicles, and equipment while ensuring the safety of people and property. The department uses modern technology to maintain high service quality and effective security. Access to university campuses is controlled by student and staff ID cards, and vehicle entry is managed through Fast Pass tags issued only to university personnel and students.

Outdoor and indoor surveillence cameras

All buildings across Dokuz Eylul University campuses are equipped with comprehensive closed-circuit camera systems (CCTV) that monitor both indoor and outdoor areas. To strengthen safety measures, the campuses are also fitted with a network of panic buttons, fire alarms, and fire extinguishing systems strategically placed throughout all facilities.

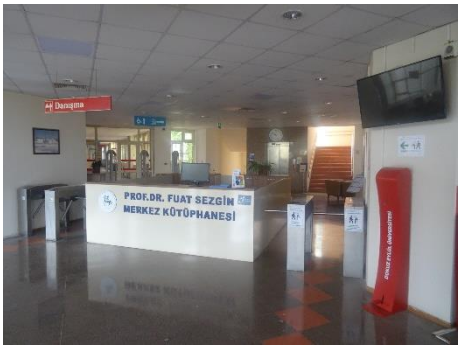
Each corridor is equipped with fire alarms and extinguishers, ensuring a rapid and coordinated response in case of emergencies. The expiration and maintenance dates of fire extinguishers are checked regularly, and the cylinders are refilled or replaced as needed, depending on their condition. Through this systematic monitoring, the university maintains a high level of safety and preparedness across all campuses

Entrance of Engineering Faculty

Entrance of Maritime Faculty

Entrance of Faculty of Law

Entrance of Faculty of Management



Entrance of Central Library

Entrance of Faculty of Architecture

Entrance of Faculty of Dentistry

Entrance of Faculty of Medicine

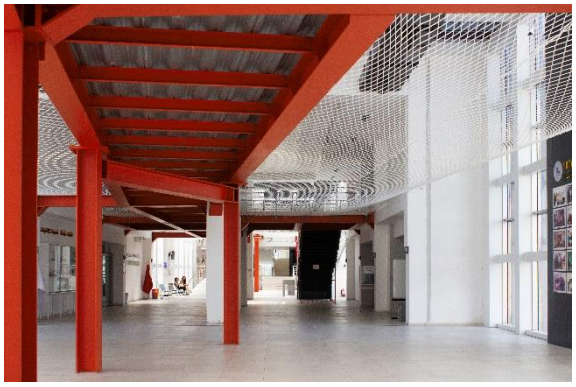
Access to all buildings on the Dokuz Eylul University campuses is regulated by barrier systems, which require student or staff cards for entry. Implemented in the 2021-2022 academic year, this measure was a precautionary response to the heightened risk associated with the Covid-19 pandemic. Today, these systems provide strong security by effectively limiting access, ensuring that only students and authorized personnel can enter the buildings.

Fire-fighting Vehicle of DEU at Tınaztepe Campus

Equipped Vehicle

At Dokuz Eylul University's largest campus, Central (Tınaztepe) Campus, a firefighting vehicle is available to ensure rapid response during emergencies. The vehicle has a 6-ton water capacity and a ladder that can reach up to 10.5 meters, allowing quick and effective intervention in case of fire. Its strategic location within the campus enables it to reach different areas within minutes, minimizing potential risks to life and property. In addition, a security vehicle on the campus is equipped with a special fire suppression system designed for small-scale fires. Operating at 150 bar pressure, the system has a capacity of 30 liters of foam and 100 liters

of water, and a 25-meter hose that allows access to narrow or hard-to-reach areas. This equipment strengthens campus safety measures and helps create a safer environment for students and staff.



Safety nets

Across Dokuz Eylul University campuses, safety nets are installed between stairway openings as a preventive measure against possible falls. These protective nets provide additional safety in high-traffic areas, particularly in multi-story academic and administrative buildings. The system is designed to reduce the risk of accidents, ensuring the well-being of students, staff, and visitors. Regular inspections are carried out to maintain the durability and reliability of these installations, reflecting the university's strong commitment to occupational safety and campus security.

Within all the aforementioned facilities, the security infrastructure is fully operational, and the response time for accidents, crimes, fires, and natural disasters is under 10 minutes.

[1.21] Health infrastructure facilities for students, academics and administrative staffs' wellbeing (SI.9)

Dokuz Eylul University Hospital, established in 1982, is one of the most well-established university hospitals in İzmir. Operating in close integration with the Faculty of Medicine, it not only provides healthcare services but also carries out education and research activities. In addition to serving patients, DEU Hospital functions as a practical training ground for medical students and resident physicians undergoing specialization training. The hospital does not solely serve the local community; it also provides healthcare services to the university's staff and students.

Established in 2018, DEU Hospital's Traditional and Complementary Medicine Center offers the public alternative diagnostic and treatment options under the guidance of certified specialists. In 2022, the Medical Aesthetics and Cosmetology Unit was opened within the Dermatology Department at the DEU 15 Temmuz Health and Art Campus, providing care for conditions like hair loss, acne, and excessive sweating, as well as cosmetic services such as skincare, chemical peels, and Botox. Both centers serve students and the broader community. The University's Oral and Dental Health Application and Research Center opened in January 2022, offering services to university members, students, and the public under social security provisions.

In the summer of 2021, the Tınaztepe Polyclinics, which previously offered a limited range of services, was renovated and now provides a wide array of health services. **Dokuz Eylül University (DEÜ) Tınaztepe Polyclinic** was established within the Tınaztepe Campus to provide healthcare services to students, academic and administrative staff, as well as the local community. In 2024, the polyclinic served **1,237 students and**

1,557 staff members. In addition to general health services, it offers basic examinations, diagnostic tests, and referral services. A **standby ambulance** is always available and used when necessary. Located at the **largest campus of the university, the Merkez Campus**, the Tınaztepe Polyclinic ensures quick, accessible, and reliable medical care, supporting the overall well-being of the university community.

DEU students can register with the Family Health Care Unit of the Faculty of Medicine or seek healthcare services in their local districts to receive free consultations.

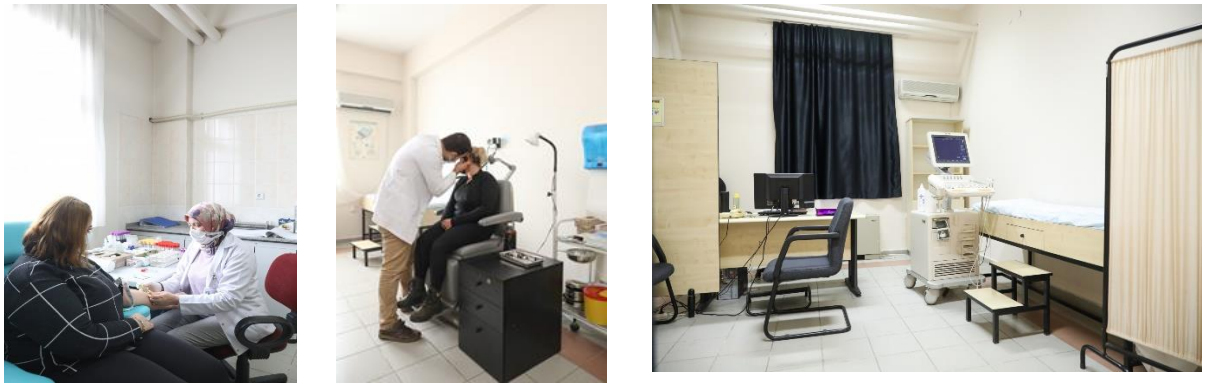
All DEU buildings and departments are equipped with first aid kits, and emergency units are located within a 5-minute driving distance.

DEU Research Hospital

Faculty of Physical Therapy and Rehabilitation

Tınaztepe Policlinics of DEU

DEU Oral and Dental Health Application and Research Center



Inside views from Tınaztepe Policlinics

Views from DEU Hospital

[1.22] Conservation: plant, animal, and wildlife, genetic resources for food and agriculture secured in either medium or long-term conservation facilities (SI.11)

The Central Campus of Dokuz Eylul University harbors remarkable biological diversity, functioning as a natural laboratory within an urban setting. The flora of the campus includes a wide variety of species ranging from forest trees such as oak (Quercus spp.), pine (Pinus spp.), and olive (Olea europaea) to numerous shrubs and herbaceous plants. Particularly noteworthy are the presence of rare and ecologically valuable orchids, including Anacamptis pyramidalis, Ophrys lutea, and Ophrys speculum, alongside extensive representatives of the Fabaceae, Rosaceae, Asteraceae, and Lamiaceae families. Furthermore, culturally significant tree species such as fig (Ficus carica), pomegranate (Punica granatum), almond (Amygdalus communis), and loquat (Eriobotrya japonica) contribute to the ecological and landscape character of the campus.

The fauna of the campus is equally diverse, encompassing Bufotes viridis (European Green Toad) among amphibians, and a range of reptiles such as Chamaeleo chamaeleon (Common Chameleon), Laudakia stellio (Stellion), and Montivipera xanthina (Ottoman Viper). Avian diversity is rich, with species such as the Rock Pigeon (Columba livia), Hoopoe (Upupa epops), Short-toed Snake Eagle (Circaetus gallicus), Common Buzzard (Buteo buteo), European Robin (Erithacus rubecula), Common Blackbird (Turdus merula), and House Sparrow

(Passer domesticus) frequently observed. Mammalian species documented on campus include Sciurus anomalus (Persian Squirrel), Lepus europaeus (European Hare), Erinaceus concolor (Eastern Hedgehog), Vulpes vulpes (Red Fox), Canis aureus (Golden Jackal), Martes foina (Stone Marten), and Sus scrofa (Wild Boar).

This richness of flora and fauna highlights the Central Campus not only as an academic and research environment but also as an important natural heritage site whose conservation is essential for biodiversity and sustainability.

Hemidactylus turcicus

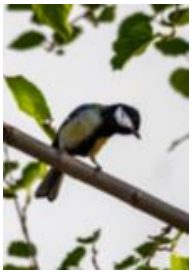
Telescopus fallax

Ophisops elegans

Montivipera xanthina

Examples of Fauna (reptiles) seen on campuses

Turdus merula



Parus major

Pica pica

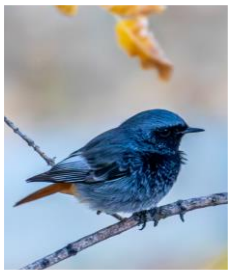
Galerida cristata

Streptopelia turtur

Psittacula krameri

Examples of Fauna (birds) seen on campuses

Erithacus rubecula



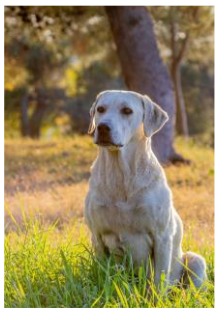
Phoenicurus ochruros

Motacilla alba

Fringilla coelebs

Examples of Fauna (birds) seen on campuses

Felis catus



Canis lupus familiaris

Erinaceus concolor

Lepus europaeus

Sciurus anomalus

Vulpes vulpes

Examples of fauna in the campuses

Diplotaxis tenuifolia

Lepidum draba

Orchis anatolica

Ophrys apifera

Pinus pinea

Pinus brutia

Lamiaceae

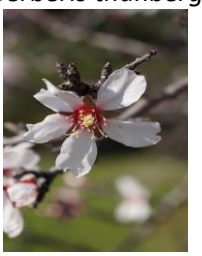




Hesperocyparis glabra *Platycladus orientalis* *Pinaceae*



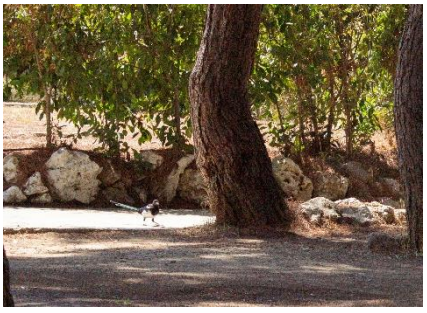

Magnolia grandiflora L. *Berberis thunbergii DC* *Anemone coronaria L.* *Ranunculus bullatus L.*


Bauhinia purpurea L. *Amygdalus communis L.* *Pyrus communis L.* *Ficus carica L.* *Morus nigra L*

Examples of Flora seen on campuses





Some views from DEU Campuses



Some views from DEU Campuses

The University is deeply committed to protecting the local ecosystems found on its campuses. To support this mission, it has created various organizations and student groups, such as the Fauna and Flora Research and Application Center, the Environmental Research and Application Center, and the GENÇ TEMA Student Society, which focuses on combating erosion and safeguarding natural resources. Furthermore, the university includes the Nature Sports and Wildlife Observation student Society, Nature and Bird Watching Student Society, and Biodiversity and Environment Student Society. These societies carry out awareness and action projects aimed at protecting natural life in the campuses. .



Bird nests located in the campuses

To protect biodiversity, the campus management policy was made with help from university experts in plants and animals. This plan focuses on caring for nature to help vulnerable species. For example, keeping natural ground cover in forests helps preserve trees and supports the plants and animals living there.

Several actions are being taken to protect the plants and animals on DEU campuses. Narrow walking paths will be created to prevent damage to the dense plant life. Also, bird nesting sites are being set up in trees to keep breeding birds safe and encourage more bird species to live on the Tınaztepe Central Campus. These efforts will help maintain a healthy ecosystem. At the same time, camera traps are placed in various parts of the campus forests, and animals in the natural environment are observed and studied.

Dokuz Eylul University is committed to being an institution that prioritizes sustainability and aims to coexist harmoniously with nature. At DEU, regular collaborations are established with local non-governmental organizations to improve the welfare of animals living on the streets. There are many feeding and watering stations throughout the campus for stray dogs and cats that live in harmony with the campus community. Additionally, active work is done with public authorities to ensure the vaccination of these street animals. A prime example of this is the Veterinary Faculty of DEU, which contributes to education and social awareness at every stage, aligned with its mission of environmental health and protection. Through laboratory facilities

and farming conditions, observations and solutions are developed for all environmental issues, including the conservation of local flora and fauna. Sensitivity to environmental health is transformed into social contributions through a holistic approach, focusing on raising awareness and prevention of zoonotic diseases, rehabilitating stray animals, improving their living standards, and supporting plant production.

The DEU Flora and Fauna Research Center has developed a comprehensive reference work that serves as an atlas illustrating the rich biodiversity across the university's campuses. This publication documents the plant and animal species identified within DEU's natural habitats and aims to enhance awareness of campus ecology and environmental conservation. The electronic version of the atlas has been officially registered with the ISBN number 978-975-441-606-0, ensuring its accessibility and scientific credibility as a permanent resource for research and education

[1.23] Planning, implementation, monitoring and/or evaluation of all programs related to Setting and Infrastructure through the utilization of Information and Communication Technology (ICT) (SI.11)

Since 2018, public infrastructure investments in Türkiye have been tracked through the Ministry of Development's Public Investment Information System (KAYA), ensuring transparency and accountability. Each institution, including Dokuz Eylul University, has secure access to register and update project information. At DEU, authorized units such as the Strategy Development Department, Construction Affairs, Administrative and Financial Affairs, and the Application and Research Hospital manage infrastructure projects. The system records key project details—name, duration, type, sector—and budget information, including funding sources and allocations. KAYA also allows updates and revisions to project parameters, ensuring comprehensive monitoring and effective management of all public infrastructure investments.

Dokuz Eylül University (DEU) also actively uses the Integrated Public Financial Management Information System (BKMYS), which was developed by the Ministry of Treasury and Finance of Türkiye. The program requires universities to plan, record, and report their infrastructure-related expenditures in a transparent and standardized way. Through this system, DEU manages processes such as budgeting, monitoring, and documenting payments for infrastructure projects, including the construction of new buildings, improvement of energy and road networks, and the establishment of laboratories or research centers.

İLYAT is a system operated by the Presidency of Strategy and Budget in Turkey, designed to centrally monitor public investments across the country. Dokuz Eylül University (DEU) also uses this system to plan, track, and report its campus investments. All units within DEU that carry out infrastructure expenditures utilize this system. Through İLYAT, DEU records construction, maintenance, and infrastructure projects across its faculties, administrative units, and campus areas, ensuring that investment processes are carried out in a transparent, organized, and efficient manner. This enables the university to align its investment management with strategic plans while contributing to centralized reporting and evaluation processes.

[1.24] Impact of Setting and Infrastructure programs in supporting the Sustainable Development Goals (SDGs)

The university's infrastructure systems work together to make the campus more efficient, sustainable, and modern. These programs are prepared by governmental organizations and used by all institutions. Through regular communication and collaboration, the university and these ministries share data and updates to improve campus sustainability and infrastructure management. Together, they aim to create a more efficient,

resilient, and environmentally friendly campus. They support clean energy use, better resource management, and stronger cooperation across departments. These efforts connect directly to several United Nations Sustainable Development Goals (SDGs). **The relevant** UN Sustainable Development Goals (SDGs) are as follows:

SDG 7 – Affordable and Clean Energy

The systems help the university use energy more efficiently and move toward cleaner sources. They support solar panels, better lighting, and smart control of heating and cooling. These efforts reduce energy waste and emissions, directly contributing to clean and sustainable energy use on campus.

SDG 9 – Industry, Innovation, and Infrastructure

By combining digital tools with physical improvements, the systems make campus infrastructure stronger and smarter. It uses data to plan maintenance, prevent breakdowns, and manage resources better. This innovation supports the goal of building sustainable and resilient infrastructure.

SDG 11 – Sustainable Cities and Communities

The university works like a small city, and this systems help make it more sustainable. They support better mobility, green areas, and accessible facilities for everyone. These improvements create a safer, cleaner, and more livable campus community.

SDG 13 – Climate Action

Through energy-saving projects and emission tracking, the systems help the university fight climate change. It reduces carbon emissions and improves how buildings use energy. This supports global efforts to slow climate change and protect the environment.

SDG 16 – Peace, Justice, and Strong Institutions

The systems increase transparency in how resources and investments are managed. In addition, they provide clear data for decision-making and supports fair, accountable operations. This helps build trust and strengthen the university's institutional governance.

SDG 17 – Partnerships for the Goals

The systems encourage teamwork and collaboration inside and outside the university. They allow data sharing with local governments, energy partners, and research groups. These partnerships help expand the impact of sustainability efforts.

[2] Energy and Climate Change (EC)

[2.1] Energy efficient appliances (EC.1)

Most DEU buildings are designed to take full advantage of natural daylight. They include wide glass facades that allow sunlight to fill the interior spaces throughout the day. This design not only creates a bright and pleasant atmosphere but also reduces the need for artificial lighting, helping the university save a significant amount of energy.





Use of daylight and in different units of DEU Campuses

Glass fecades of the buildings in varous DEU Campuses

Computers, which represent one of the most vital elements of education and research, are procured and utilized across DEU campuses with Energy Star certification. All of the approximately 9500 computers in use possess this certification, demonstrating the university's strong commitment to sustainability. By choosing energy-efficient technologies, DEU significantly reduces electricity consumption and environmental impact, while promoting responsible resource management throughout its academic and administrative operations.

In order to enhance energy efficiency across DEU buildings, continuous upgrades are carried out on heating and cooling systems. The pumps operating within these systems are being replaced with IE3-class automatic variable-speed pumps. These pumps, classified as high-efficiency according to international energy performance standards, significantly reduce energy consumption by adjusting their operating speed based on real-time system demand. Through these upgrades, DEU ensures more sustainable and efficient energy

management throughout its campus facilities.
Without requiring structural modifications, DEU continuously updates its interior equipment to enhance energy efficiency. Classrooms, common areas, and staff offices are generally outfitted with LED lighting, while older fluorescent lighting systems are systematically replaced to ensure optimal energy use. In the previous year 900 more LED lamps were replaced with the fluorescent lamps.

In addition to this, common areas with large surface areas utilize advanced motion-sensor lighting systems. These systems are designed to automatically detect movement and illuminate the space only when necessary, thereby conserving energy and preventing unnecessary lighting usage during off-peak hours.

The university campuses are heated using central heating systems. New buildings are cooled with central air-conditioning systems, while older buildings use individual inverter-type air conditioners to save energy. In 2024, 164 high-efficiency air conditioners replaced 241 less efficient units. In recent years, all electrical appliances on campus, including refrigerators, have been chosen from energy-efficient models, with a preference for A+ rated products to support sustainability.

Thereore energy efficient appliances use in the campuses is >75%.

[2.2] Total campus smart building area (m^2)

The total area (including ground floors and other floors) of Dokuz Eylul University smart buildings is reported as 231.867 m^2.

[2.3] Smart building implementation

The area of smart buildings in DEU has reached to 231.867 m^2 in 2024. The ratio of the smart buildings in the total can be calculated as follows:

Formula: ((2.2 /1.7)*100%)

[2.2] Smart building floor area : 233.547 m^2

[1.7] Total ground floor areas : 821.049 m^2

Smart building implementation : (23.547 /821.049) * 100 **= 28.4%**

No.	Name	Place	automation		safety				energy		water		Indoor environment				lighting				Building Area (m^2)
			B1	B2	S1	S2	S3	S4	E1	E2	A1	A2	I1	I2	I3	I4	L1	L2	L3	L4	
1	Dokuz Eylul University; DEPARK Technology Development Zone in Tınaztepe Campus (TGB-1)	Izmir, Turkey	x		x	x	x			x			x			x	x	x		x	17413

2	Dokuz Eylul Univeristy; DEPARK Technology Development Zone in 15 Temmuz Campus (TGB-2)	Izmir, Turkey	x		x	x	x			x			x			x	x	x		x	10487
3	Dokuz Eylul Univeristy; New Hospital Management Building	Izmir, Turkey	x		x	x	x			x			x			x	x	x		x	23335
4	Dokuz Eylul Univeristy; İzmir Bio Genom Institute (İBG)	Izmir, Turkey	x		x	x	x			x			x			x	x	x		x	22250
5	Dokuz Eylul Univeristy; Faculty of Law	Izmir, Turkey	x		x	x	x			x			x			x	x	x		x	26000
6	Dokuz Eylul Univeristy; Central Laboratory Building	Izmir, Turkey	x		x	x	x			x			x			x	x	x		x	4270
7	15 Temmuz Health and Art Campus Common Classrooms Building	Izmir, Turkey	X		X	X	X			X			X			X	X	X		X	5742
8	Foreign Languages Vocational School Buıildings	Izmir, Turkey	X		X	X	X			X			X			X	X	X		X	19430
9	Faculty of Medicine, Basic Sciences and Dean's Building	Izmir, Turkey	X		X	X	X			X			X			X	X	X		X	21815
10	Faculty of Fine Arts and State Conservatory Building	Izmir, Turkey	X		X	X	X			X			X			X	X	X		X	22900

———— Please compile one row for each building (or homogeneous part of it) by ticking with a "X" for each requirement ————

No.	Name	Place	automation		safety				energy		water		Indoor environment				lighting				Building Area (m^2)
			B1	B2	S1	S2	S3	S4	E1	E2	A1	A2	I1	I2	I3	I4	L1	L2	L3	L4	
11	Dokuz Eylul University; Renovated Units within the Application Hospital	Izmir, Turkey	x		x	x	x			x			x			x	x	x		x	30388
12	Dokuz Eylul Univeristy; Fuat Sezgin Central Library	Izmir, Turkey	x		x	x	x			x			x			x	x	x		x	13000
13	Dokuz Eylul Univeristy; Sabancı Culture Palace	Izmir, Turkey	x		x	x	x			x			x			x	x	x		x	5758
14	Dokuz Eylul Univeristy; Tınaztepe Swimming Pool	Izmir, Turkey	x		x	x	x			x			x			x	x	x		x	4014
15	Dokuz Eylul Univeristy; İnciraltı Swimming Pool	Izmir, Turkey	x		x	x	x			x			x			x	x	x		x	3752

16	Dokuz Eylul Univeristy; Seferihisar Swimming Pool	Izmir, Turkey	x		x	x	x			x			x			x	x	x		x	2993
	Total																				**233547**

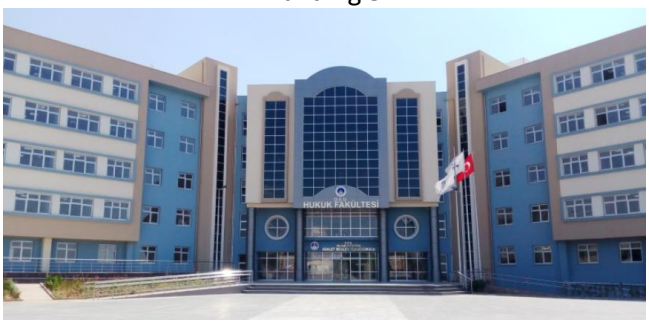
Building 1

Building 2

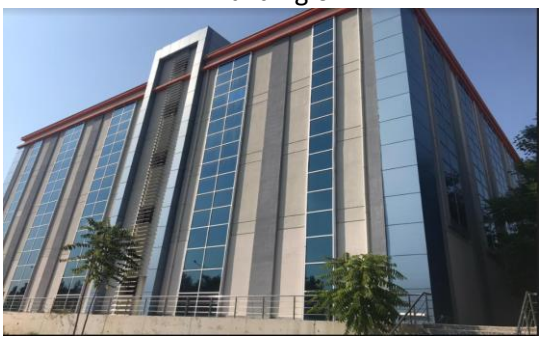
Building 3

Building 4

Building 5



Building 6



Building 7

Building 8

Building 9

Building 10

There are many renovated and enhanced units classified as smart units including Intensive Care Units, Operation Rooms, Laboratories, Pharmacy, Radiology Area, Nuclear Medicine Area, Sterilization Area, Blood Bank, Dialysis Cente, Radiation Oncology and Angiographies within the Dokuz Eylul University Application and Research Hospital (Building 11). In 2024, an Anesthesia Intensive Care Unit was added to the DEU Hospital facilities, expanding the smart building area by 1,680 m². This addition contributed to the modernization and digitalization of healthcare services, supporting more efficient patient care and energy management within the hospital

UNIT	Quantity	Area (m^2)
Intensive Care Unit	8	7.051
Operation Room	25	7.975
Laboratory	17	4.994
Pharmacy	1	1.137
Radiology Area	2	2.819
Nuclear Medicine Area	1	1.319
Sterilization Area	1	1.120

Blood Bank	1	810
Dialysis Center	1	857
Radiation Oncology	1	1.858
Angiography	3	448
Total Indoor Area	60	30.388

Building 11




Building 11 (Anesthesia Intensive Care Unit)





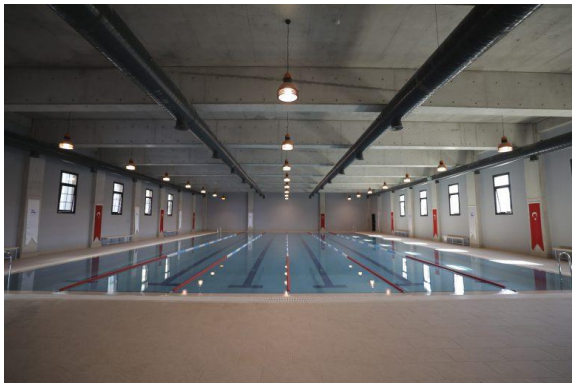
Building 12

Building 13

Building 14

Building 15

Building 16



[2.5] Renewable energy sources and their capacity (in kilowatt-hour)

The Solar Energy Project at Dokuz Eylul University was launched in March 2022 with the beginning of system installations. Within the scope of the project, solar power systems with a total installed capacity of 15,205 kWe were completed across several campuses, including the 15 July Health and Art (İnciraltı) Campus, the Institute of Marine Sciences and Technology Campus, the Dokuzçeşmeler (Faculty of Economics and Administrative Sciences) Campus, the Faculty of Education Campus, the Tınaztepe Campus, and the Torbalı Campus. The project was successfully completed to help meet the university's

energy needs through renewable sources. The energy produced by the Solar Energy Pannels between September 2024-August 2025 equals to 24.658.977,88 kWh.

The University utilized 1.907.000 kWh of geothermal energy at the 15 July Health and Arts Campus.

Dokuz Eylul University kitchens collect waste vegetable oils separately and store them safely in designated areas. These oils are then sent to a licensed recycling company, where they are processed into biodiesel. During the reporting period, the university delivered a total of 4.140 kg of waste vegetable oil to the contracted company. This effort supports sustainable waste management and renewable energy production, helping to generate approximately 43.720 kWh energy from recycled oil.

A small wind turbine installed on the roof of the Science and Technology Research and Application Building provides lighting at night. The energy produced by the turbine powers the lamps after sunset, ensuring constant and sustainable illumination while supporting the use of renewable energy. It produces 913 kWh energy per year.

Solar energy panels in 15 Temmuz Health and Art Campus

Solar energy pannels in Institute of Marine Sciences and Technology of DEU

Solar energy pannels in Education Faculty Campus and Torbalı Vocational School of DEU

Solar energy pannels in Dokuzçeşmeler Campus of DEU

Solar energy pannels in Tınaztepe Campus of DEU

Geothermal Exchangers in 15 Temmuz Health and Art Campus

[2.6] Electricity usage per year (in kilowatt hour)

During the 2024–2025 period, total electricity consumption across Dokuz Eylul University campuses reached 24.089.827 kWh. This amount covers the combined energy use of both administrative and academic units, along with the Health, Culture and Sports (SKS) Department. The SKS Department manages various facilities and activities, including canteens, cafeterias, student dormitories, cultural events, and part-time student employment programs. Electricity in these areas is primarily used for lighting, heating, cooling, and laboratory operations.

It should be noted that the University Hospital's energy consumption, totaling 20.053.722 kWh during the same period, is reported separately. The hospital served 45.145 inpatients and 1.387.024 outpatients, and its electricity use is therefore excluded from the university's total campus consumption figures

ELECTRICITY CONSUMPTION IN 2024-2025			
UNIT	**CONSUMPTION (kWh)**	**POPULATION SERVED (capita)**	**UNIT ENERGY CONSUMPTION kWh/person**
Total of Administrative and Academic Units	24.089.827,94	71.990	334,63
Application and Research Hospital	20.053.722,08	45.145 inpatients 1.768.241 outpatients	11,34

[2.7] Total electricity usage divided by total campus' populationper year (kWh per person)(EC.4)

The total electricity usage divided by total campus' population is calculated as 334,6 kWh / person

[2.8] The ratio of renewable energy production divided by total energy usage per year (EC.5)

During the subsequent period, from September 2024 to August 2025, the photovoltaic systems ofsolar energy generated 24.658.977 kWh of electricity, excluding the production data of the Application and Research Hospital. In parallel, the geothermal energy systems produced 1.907.000 kWh of energy, as calculated from monthly generation values for the same period, likewise excluding the hospital.

Given the distinct operational characteristics of the hospital, its energy data were assessed independently in the institutional evaluation (refer to Section 2.6). This separation was necessary since the hospital functions as a public service facility that extends beyond the university's campus community.

Furthermore, waste vegetable oils collected from university food service units are converted into biodiesel through collaboration with an authorized recycling facility. However, the produced biodiesel is not utilized within the university premises. For this reason, its estimated energy equivalent of 43.720 kWh was not included to the renewable energy accounting.

Overall, the university's total energy consumption during the reporting year amounted to 47.261.987 kWh, while 26.610.610 kWh originated from renewable sources, solar and geothermal energy. This corresponds to approximately 56,3 % of the total energy demand.

Energy use in DEU Campuses

	(m^3)	kWh
Natural Gas Use	2.015.655	21.265.160
Electricity Use in DEU Units		24.089.827
Geothermal Energy –Renewable Energy	117.642	1.907.000
TOTAL		**47.261.987**

Renewable energy use in DEU Campuses

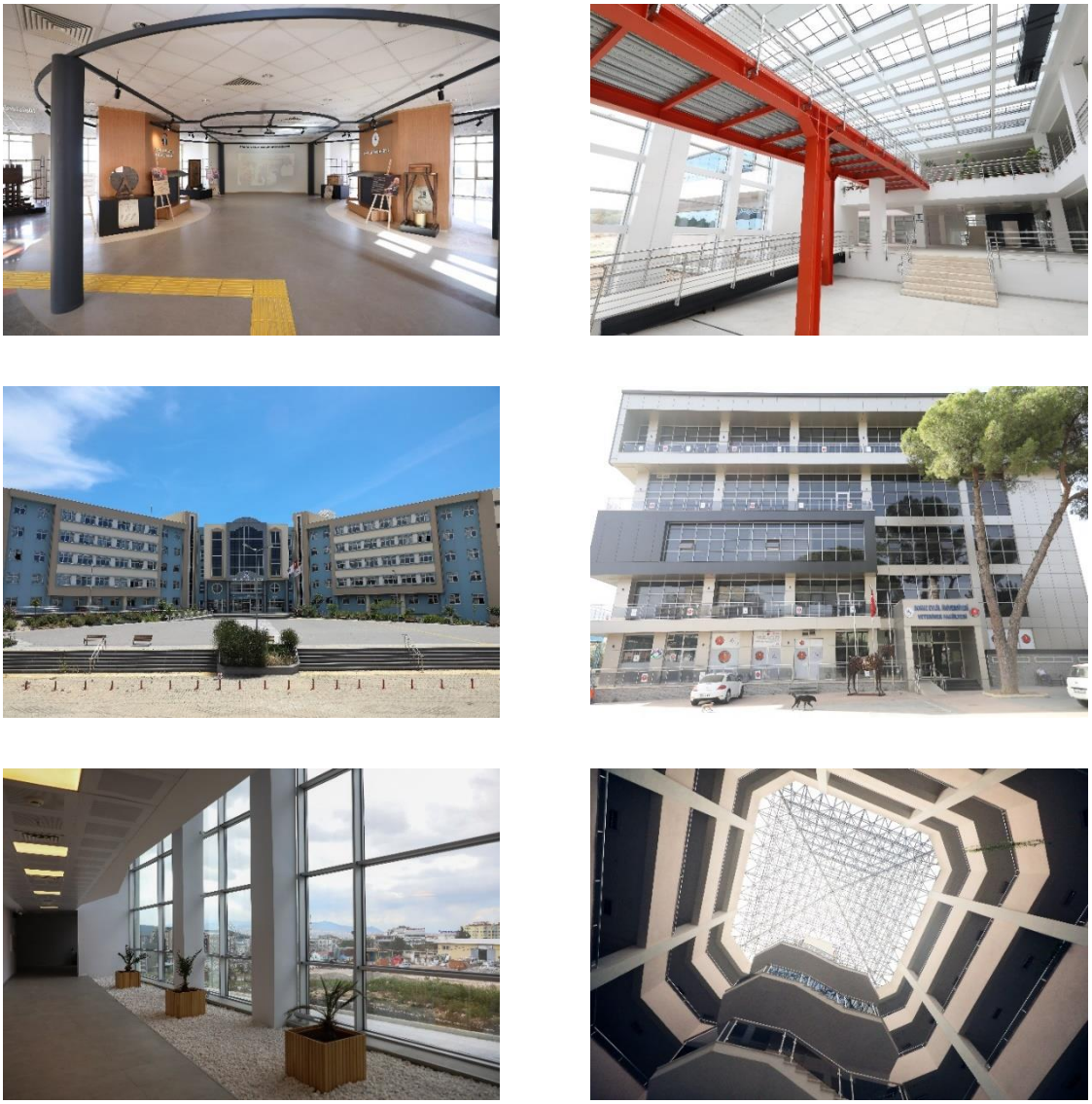
Energy type	kWh
Solar energy	24.658.977
Geothermal energy	1.907.000
Supporting biodiesel production	43.720
Wind turbine	913
TOTAL	**26.610.610**

[2.9] Elements of green building implementation as reflected in all construction and renovation policies (EC.6)

All buildings across Dokuz Eylul University campuses have been designed and constructed with architectural layouts and façade systems that maximize the utilization of natural daylight. The use of glass-intensive facades

and wide window profiles enables interior spaces to receive abundant sunlight throughout the day, thereby significantly reducing the need for artificial lighting. This design approach not only enhances visual comfort and indoor environmental quality, but also contributes to energy conservation by lowering overall electricity consumption associated with lighting and temperature regulation. As a result, the buildings are characterized as environmentally friendly and energy-efficient, reflecting the university's commitment to sustainable architectural practices and climate-responsive design principles.

Solar panels installed on the rooftops of Dokuz Eylul University buildings are an important part of the university's green building approach. These panels produce clean electricity from sunlight, which helps reduce the use of fossil fuels and lowers carbon emissions. Using renewable energy on building roofs also supports energy efficiency and sustainability goals. This practice shows the university's effort to create environmentally friendly and energy-efficient campuses.



Use of daylight visuals in some DEU campuses




Solar pannels on the roofs

Newly constructed DEU buildings incorporate central heating and cooling systems designed for high energy efficiency, reducing individual unit energy losses. In existing buildings, older air conditioners have been replaced with high-efficiency inverter systems (e.g., 164 high-efficiency units replaced 241 older models in 2024).LED lighting systems have progressively replaced traditional lighting across campuses to lower electricity demand.IN the previous year, 900 replacements were done for this progress.

Many DEU buildings integrate dual-flush sanitary systems and aerator-equipped faucets to reduce water consumption. Rainwater harvesting and greywater reuse systems are under consideration or partially implemented in new facilities.

As part of the Energy Survey Report, prepared in accordance with the Energy Efficiency Law No. 5627 and related regulations, a contracted company examined the building automation systems on eight Dokuz Eylul University campuses. All buildings have valid Energy Performance Certificates, showing that they meet national energy efficiency standards.

The energy managers at DEU continue to monitor electricity, natural gas, and water use in these buildings. They work to reduce energy consumption, improve heating and lighting systems, and promote the use of solar and geothermal energy. Therefore, DEU buildings are operated more efficiently and support the goals of green building and sustainable campus development. In this way, the university's approach to green building implementation covers more than 3 elements.

[2.10] Greenhouse gas emission reduction program (EC.7)

DEU greenhouse gas emission reduction programs aim to reduce all three scopes of emissions as described below:

Scope	Emmission Data	DEU Actions
1	Mobile consumption	At Dokuz Eylul University, a vehicle tracking system is used. This system helps optimize vehicle routes and usage times, reducing unnecessary fuel consumption and saving energy. Additionally, the university implements a ride-sharing practice where individuals traveling along the same route share vehicles. This reduces the number of vehicles on the road, lowers fuel consumption and carbon emissions, and improves energy efficiency.of energy consumption related to mobile fuel use.
	Process Emissions	DEU does not have process emissions
	Fugitive emissions	Dokuz Eylül University performs routine maintenance on its natural gas systems and air conditioning units to prevent potential emission leaks. Additionally, as part of its energy conservation efforts, DEU regularly inspects and repairs any leaks around doors and windows to ensure proper sealing..

Scope	Emmission Data	DEU Actions
2	Purchased Electricty	During the 2024–2025 period, a total of 24.089.827 kWh of electricity was consumed across the university. In that time, the university's solar power plants (SPPs) generated 24.658.977 kWh of electricity. These figures indicate that the SPPs fully meet the university's total energy demand,

Scope	Emmission Data	DEU Actions
3	**Waste**	Dokuz Eylül University established and certified a Zero Waste System across its 15 campuses in line with the National Zero Waste Regulation. Through this system, waste is separated at the source, and recyclable materials are collected and recorded by authorized recycling companies. In 2024, a total of 180 tons of recyclable waste were collected from the university campuses.
	Purchase d Waste	Dokuz Eylül University's water harvesting initiatives aim to significantly increase the amount of recycled water used across campus facilities. Furthermore, the installation of motion-sensor faucets has effectively reduced overall water consumption while simultaneously lowering water-related costs for the university.
	Commuting	All university campuses are accessible by municipal transportation vehicles, which are actively used by both students and staff. This accessibility reduces theprivate vehicle use.

	Air Travel	DEU pays only one author's flight to the international conferences held abroad per oral presentation. For national conferences, only bus travels are paid.

[2.11] Total carbon footprint (CO_2 emission in the last 12 months, in metric tons)

TOTAL CARBON FOOTPRINT	
Yearly Electric Consumption (kWh)	24.089.827 kWh
Open space area (m^2)	5.535.433 – 256.106 5.279.327 m^2
The CO_2 emission from electricity	(Consumption/1.000)*0.84
	(24.089.827/1.000)*0,84
	20.235 metric ton
Transportation per year (Shuttle)	(9*88*4)*240/100*0,01
	76,032 metric ton
Transportation per year (Car)	(1375*2*2*240)/100*0,02
	264 metric ton
Transportation per year (Motorcycle)	(650*2*2*240)/100*0,01
	62,4 metric ton
Total emmission per year	Total emmission from electricity usage + transportation (bus, car, motorcycle)
	20.235+76,032+264+62,4
	20.637 metric ton

The calculations mentioned above were based on the following parameters: there are 9 shuttles operating on the campuses, each shuttle carries an average of 55 passengers, and each shuttle makes an average of 11 trips. During each trip, the shuttles travel approximately 4 kilometers within the campus.

Furthermore, there is an average of 1375 cars and 650 motorcycles on the campus, with both cars and motorcycles covering an approximate travel distance of 2 kilometers.

Using this data, the total annual CO_2 emissions have been computed as 20.637 metric tons, as determined by the calculation formula outlined in Appendix 3.
The total carbon footprint divided by total campuses population is as follows:

Total carbon fooprint/ca = Total carbon footprint / Campuses population

= 20.637 metric tonnes /71.990

= 0,286 metric tons.

[2.12] Total carbon footprint divided by total campus' population (metric tons per person) (EC8)

Total carbon footprint divided by the total campus population is 0.286 metric tones.

[2.13] Number of innovative program(s) in Energy and Climate Change (EC.9)

The Solar Energy Project at Dokuz Eylul University is actively operating. With solar panels installed across seven campuses, a total of 24.658.977 kWh of energy was generated during the 2024–2025 period. This amount fully meets the university's total electricity consumption, which was 24.089.827 kWh across all campuses.

Between 2024 and 2025, the 15 July Health and Arts Campus also utilized 1.907.000 kWh of geothermal energy. In addition, waste cooking oils collected within the university are delivered to a licensed company under a formal agreement and converted into biodiesel, thus contributing to renewable energy production. During the 2024–2025 period, waste vegetable oils equivalent to 43.720 kWh of energy were supplied to the licensed firm for biodiesel production.

Dokuz Eylul University also contributes to climate change mitigation through its regular afforestation activities, which have expanded forested areas by a total of 3.5 million square meters. These initiatives not only promote environmental sustainability, but also aim to foster environmental awareness among future generations.

In particular, the afforestation events regularly organized at the Dokuz Eylul University Primary School help instill in children, from an early age, a love for nature, a sense of responsibility, and an understanding of the importance of environmental protection. In this way, the university not only makes a tangible contribution to environmental conservation but also lays the foundation for a sustainable future starting from early childhood.


Solar energy pannels from DEU



Geothermal exchangers and waste vegetable oil as renewable energy sources in campuses



Views from forrestation studies in DEU's primary school

[2.14] Impactful university program(s) on climate change (EC.10)

At Dokuz Eylül University, many undergraduate and graduate courses related to clean energy and climate change are offered within the Institutes and the Departments of the Faculty of Engineering. In addition, there are graduate thesis studies directly related to this subject. Within the Institute of Natural and Applied Sciences, which is an important component of DEU's graduate education programs, there are also graduate courses covering climate change, carbon footprint, energy efficiency, renewable energy systems, and sustainable development. These courses are attended by both domestic and international students, reflecting the university's commitment to providing education at an international level.

In the field of social sciences, elective courses and research projects are conducted addressing the economic, social, and political impacts of climate change.

At Dokuz Eylül University, the Energy Application and Research Center (EUAM) was established in 2015 and carries out research, development, and applied studies in the field of energy technologies and sustainable energy systems. The center's activities cover renewable energy sources (solar, wind, geothermal, biomass, hydrogen), nuclear energy, fossil fuels, and energy efficiency. The center examines energy production, storage, transmission, and consumption processes in terms of environmental impact, and conducts technical studies on energy conversion technologies, carbon emission reduction, and the implementation of smart energy systems.

In addition to research and applied activities, EUAM plays an active role in scientific events and awareness programs. In 2024, it contributed to the 3rd International Graduate Research Symposium, organized in collaboration with the Institute of Science at Dokuz Eylül University, and held various panels and workshops on energy efficiency, hydrogen technologies, and sustainable energy. The center is also one of the main stakeholders of the 9th International Hydrogen Technologies Congress (IHTEC-2025) held in 2025. Furthermore, as part of Energy Efficiency Week, EUAM organizes student workshops, technical seminars, and campus-wide solar energy implementation projects and energy audits, aiming to strengthen research infrastructure and raise awareness of sustainable energy in society.

Dokuz Eylül University has initiated the establishment of the Energy Management Unit to regulate energy management practices and ensure the efficient use of energy. The main objectives include preventing energy waste, reducing the impact of energy costs on the university budget, lowering carbon emissions, and protecting the environment in the fight against climate change. The university is committed to supporting the energy management policy by raising staff awareness, ensuring the participation of all stakeholders in the system, and creating a working environment based on energy efficiency consciousness. Additionally, promoting the use of renewable energy sources, evaluating the impact of operational decisions on energy management, controlling process risks and critical energy consumption areas, and supporting designs and products that improve energy performance are central implementation goals of the unit.

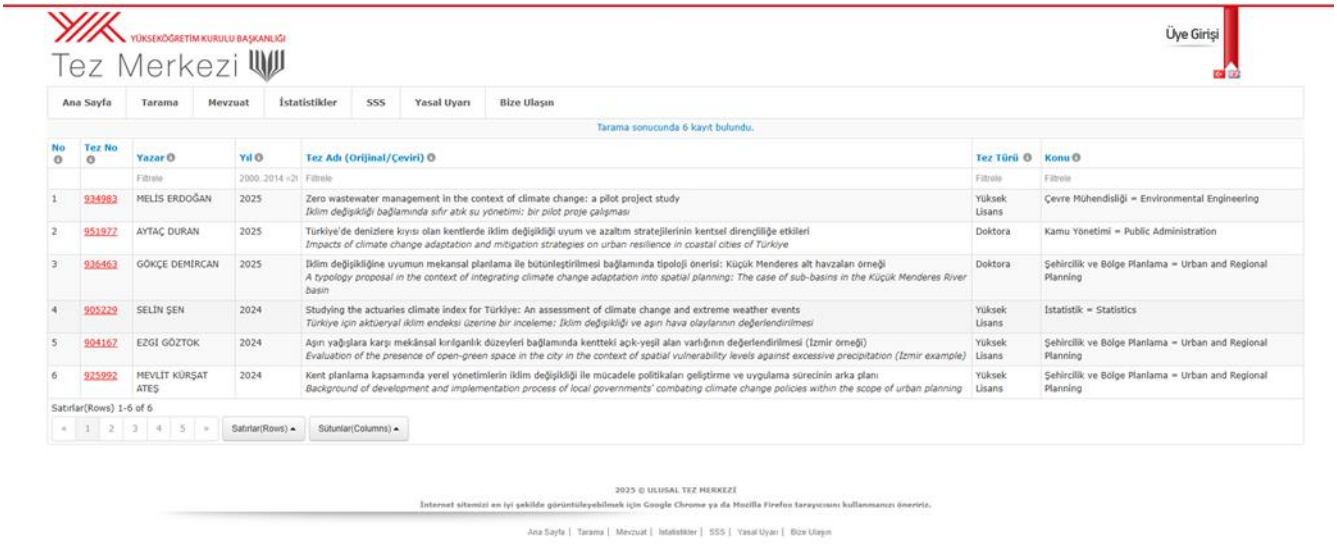
Within this scope, in line with sustainability goals, the university organized the "Energy Efficiency Awareness Seminar" with the participation of all faculty administrators, aiming to increase energy awareness and knowledge across the entire campus.

Therefore, DEU provides trainings, educational materials, and seminars/conferences which are implemented by communities at both national and international levels.

Courses in various DEU Units consisting of the concept "Climate Change"

Unit	Course Name
Graduate School of Natural and Applied Sciences	Climate Change Policy
Faculty of Science	Biological Impacts of Climate Change
Disaster Administration Doctorate Degree	Climate Change and Disaster Administration
Disaster Administration Master's Degree	Climate Changes and Meteorologic Disasters
Environmental Education MSc. Degree without Thesis	The Effects of Climatic Properties on The Environment and Human Life
Environmental Education MSc. Degree	The Effects of Climatic Properties on The Environment and Human Life

Maritime Business Administration Master's Degree	Climate Change and Maritime Transportation Strategies
Public Administration Doctorate Degree	Climate Change and Strategic Approaches
Tourism Management Master's Degree	Tourism and Climate Change
Faculty of Management	Climate Change and Business
Faculty of Architecture	Climate Change and Urban Planning
Faculty of Engineering	Climate Change And Sustainable Management
Faculty of Engineering	Environmental Impacts of Climate Change
Graduate School of Natural and Applied Sciences	Palaeoclimatic changes of the Cenozoic time and Palaeovegetation in Turkey



The page listing graduate theses evaluated under Climate Action in the YOK Thesis Information System

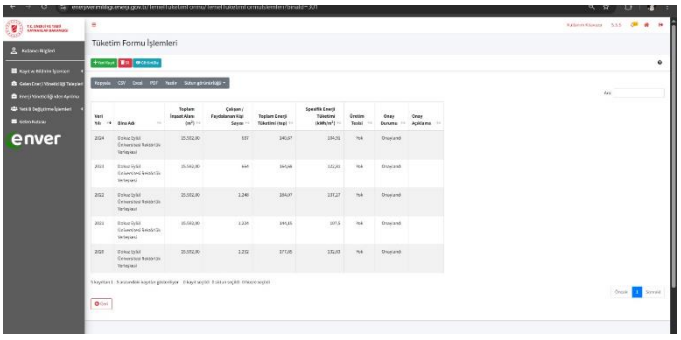
IHTEC-2025 organized by DEU's Energy Application and Research Center

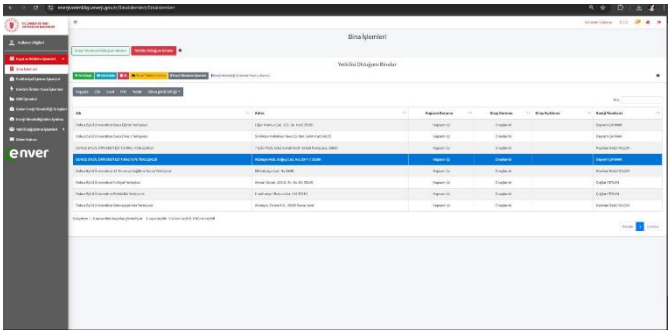
Energy Efficiency Awareness Seminar for DEU Staff, organized by the Energy Management Unit

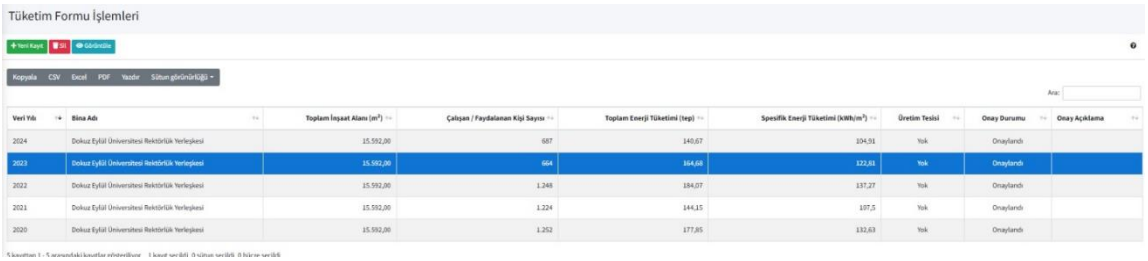
[2.15] Planning, implementation, monitoring and/or evaluation of all programs related to Energy and Climate Change through the utilization of Information and Communication Technology (ICT)

Dokuz Eylül University actively utilizes the Energy Efficiency Portal (ENVER). ENVER is a digital platform developed by the Ministry of Energy and Natural Resources in Turkey, designed to enable public and private institutions to report their energy consumption and efficiency data. The portal helps monitor energy usage, implement energy-saving measures, and ensure compliance with national regulations.

Within the university, Building Energy Managers are responsible for using the portal to track and record the annual energy consumption of each campus building. These managers have diligently documented the energy use of public buildings and implemented various measures in accordance with the energy savings directive for public facilities. Playing a key role in overseeing the university's energy consumption, they use the data entered into the portal to monitor trends, identify areas for improvement, and apply targeted energy efficiency measures. By maintaining accurate records, the university promotes transparency and accountability in its energy management practices.







Energy Efficiency Portal, user interfaces

[2.16] Impact of Energy and Climate Change programs in supporting the Sustainable Development Goals (SDGs)

DEU uses the Energy Efficiency Portal (ENVER), and with this application it supports several Sustainable Development Goals by improving energy use, promoting sustainability, and encouraging collaboration. They have a significant impact of 6 SDGs which are as follows:

SDG 6 – Clean Water and Sanitation

By optimizing and reporting energy use in campus facilities through ENVER, Dokuz Eylül University indirectly supports sustainable water management. Efficient energy systems reduce the load on water-dependent cooling and heating processes, contributing to more responsible water usage.

SDG 7 – Affordable and Clean Energy

ENVER allows the university to monitor energy consumption, implement efficiency measures, and promotes the use of renewable energy. This ensures reliable, sustainable, and cost-effective energy use across campus facilities.

SDG 11 – Sustainable Cities and Communities

A campus acts as a small city. By tracking energy use and reducing consumption in campus buildings, ENVER contributes to sustainable, environmentally responsible campus operations, serving as a model for urban sustainability initiatives.

SDG 12 – Responsible Consumption and Production

ENVER promotes the efficient use of energy resources, helping reduce waste and encouraging responsible consumption and production practices within the university community.

SDG 13 – Climate Action

Through systematic energy monitoring and targeted efficiency measures, ENVER directly helps the university lower carbon emissions and take proactive steps to address climate change impacts.

SDG 17 – Partnerships for the Goals

Here, the data is shared with the Ministry of Ministry of Energy and Natural Resources in Turkey. By sharing energy performance data and best practices through national platforms, ENVER fosters collaboration with governmental bodies, other universities, and international institutions, supporting partnerships for sustainable development goal 17.

[3] Waste (WS)

[3.1] 3R (Reduce, Reuse, Recycle) program for university's waste (WS.1)

3R program is more than 75% implemented across Dokuz Eylul University (DEU) campuses.
The Zero Waste and Environmental Management Coordination Office carries out activities prioritizing waste reduction and recycling throughout DEU campuses. Regular audits and inspections are conducted to maintain the validity of Zero Waste Certificates for 15 campuses. As part of the Rectorate Campus Basic Level Zero Waste Certificate Renewal Process, Zero Waste Awareness Training sessions were provided to campus staff. Zero Waste Officers at 15 campuses also conducted awareness training for students and personnel.

The Sustainable Waste Management Student Community (DESAY) was established to raise awareness among students, organizing various activities such as the Swap Festival, where reusable items are exchanged. The 6th Environment Days, held at DEU Central Campus under the theme "End Plastic Pollution," further focused on promoting waste reduction and environmental protection.

Additionally, the Deposit Management System (DYS), coordinated by the Turkish Environment Agency, was implemented at three DEU campuses, supporting recycling and sustainable resource use. Between August 2024 and June 2025, a total of 36 inspections were carried out in DEU Hospital units and 22 detailed inspections across university campuses and facilities to monitor waste reduction and management practices.





Views from various educations in DEU Campuses

In accordance with the Zero Waste Regulation, recyclable waste collected from campuses in 2024 was sold to a licensed recycling company through a tender process. Recyclable materials are meticulously collected across all campuses to ensure compliance with sustainability standards.

Seperate waste collection and recycling facilities for DEU

The Sustainable Waste Management Student Community (DESAY) was established to raise awareness among students, organizing various activities such as the Swap Festival, where reusable items are exchanged. The 6th Environment Days, held at DEU Central Campus under the theme “End Plastic Pollution,” further focused on promoting waste reduction and environmental protection.

DESAY and Swap Festival

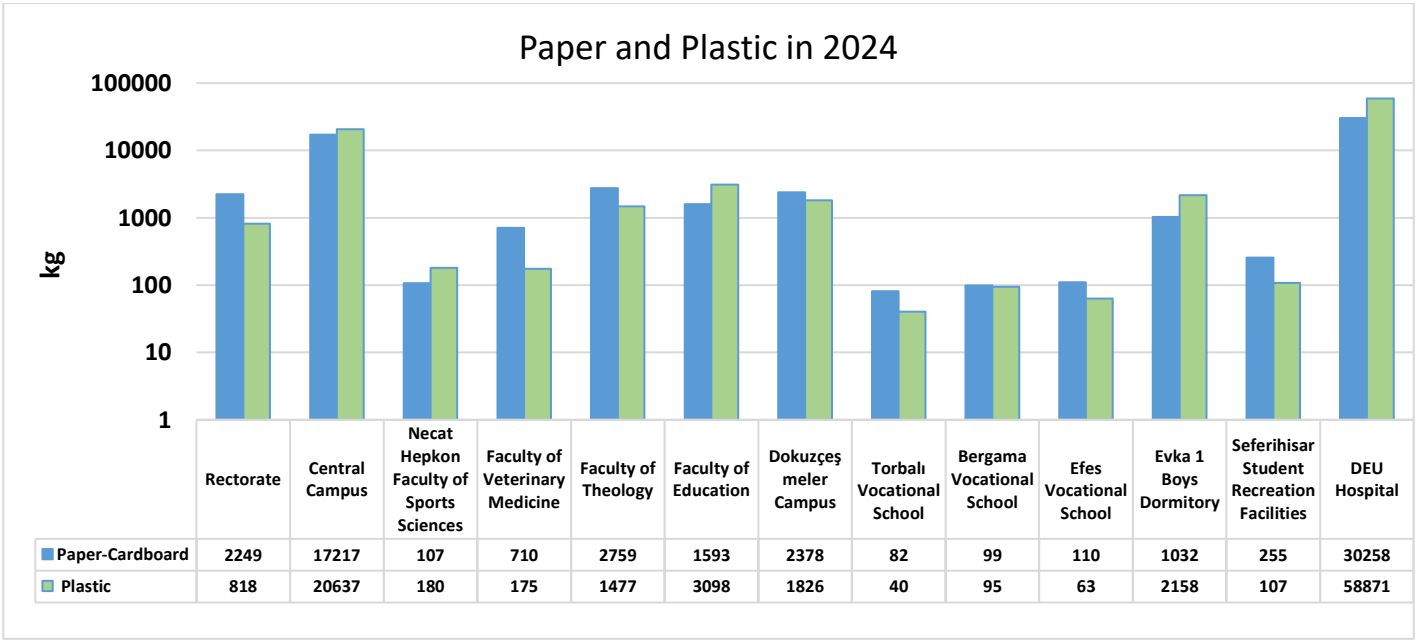
6th Environmental Days

Additionally, the Deposit Management System (DYS), coordinated by the Turkish Environment Agency, was implemented at three DEU campuses, supporting recycling and sustainable resource use. Between August 2024 and June 2025, a total of 36 inspections were carried out in DEU Hospital units and 22 detailed inspections across university campuses and facilities to monitor waste reduction and management practices.

The Deposit Management System (DYS) use of Recycling Return Unit

[3.2] Total volume of paper and plastics produced this year (tons)

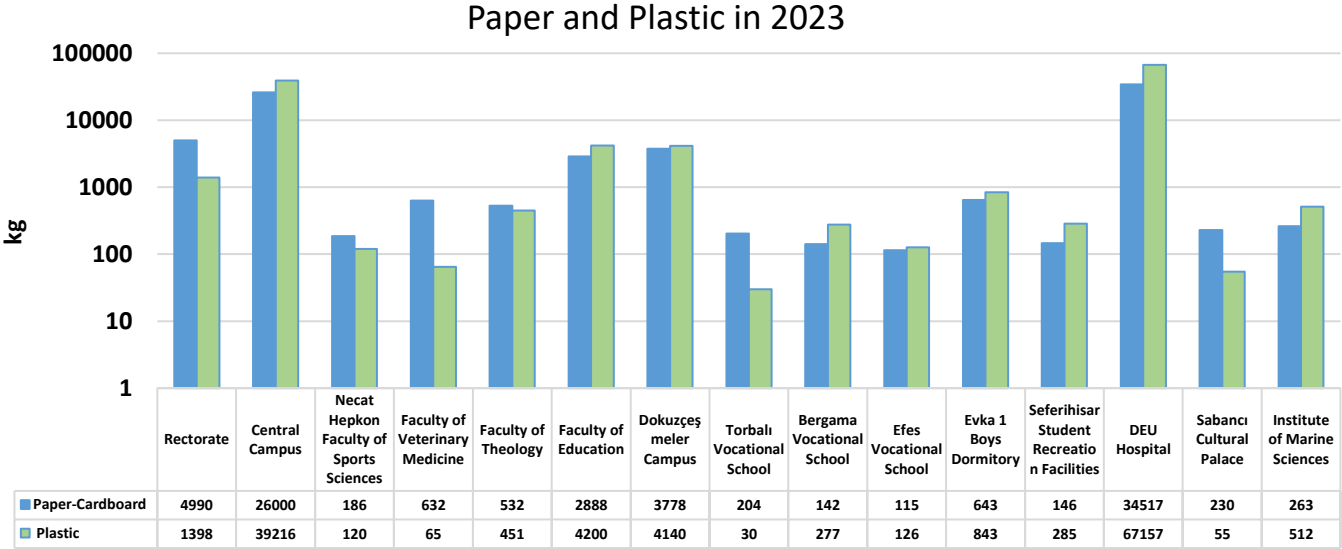
In 2024, a total of 58.849 tons of paper and cardboard waste and 89.546 tons of plastic waste were separately collected from the university campuses. This amounts to approximately 148.395 tons of recyclable waste in total. The data reflect the quantities of materials collected through waste segregation practices implemented across the campuses



	Rectorate	Central Campus	Necat Hepkon Faculty of Sports Sciences	Faculty of Veterinary Medicine	Faculty of Theology	Faculty of Education	Dokuzçeşmeler Campus	Torbalı Vocational School	Bergama Vocational School	Efes Vocational School	Evka 1 Boys Dormitory	Seferihisar Student Recreation Facilities	DEU Hospital
Paper-Cardboard	2249	17217	107	710	2759	1593	2378	82	99	110	1032	255	30258
Plastic	818	20637	180	175	1477	3098	1826	40	95	63	2158	107	58871

[3.3] Total volume of paper and plastics produced last year (tons)

In 2023, a total of 75.266 tons of paper and cardboard waste and 118.875 tons of plastic waste were separately collected from the university campuses. This corresponds to approximately 194.141 tons of recyclable paper and plastic waste in total. The figures represent the recorded amounts of segregated materials collected during the year



	Rectorate	Central Campus	Necat Hepkon Faculty of Sports Sciences	Faculty of Veterinary Medicine	Faculty of Theology	Faculty of Education	Dokuzçeşmeler Campus	Torbalı Vocational School	Bergama Vocational School	Efes Vocational School	Evka 1 Boys Dormitory	Seferihisar Student Recreation Facilities	DEU Hospital	Sabancı Cultural Palace	Institute of Marine Sciences
Paper-Cardboard	4990	26000	186	632	532	2888	3778	204	142	115	643	146	34517	230	263
Plastic	1398	39216	120	65	451	4200	4140	30	277	126	843	285	67157	55	512

[3.4] Program to Reduce the Use of Paper and Plastic on Campus (WS.2)

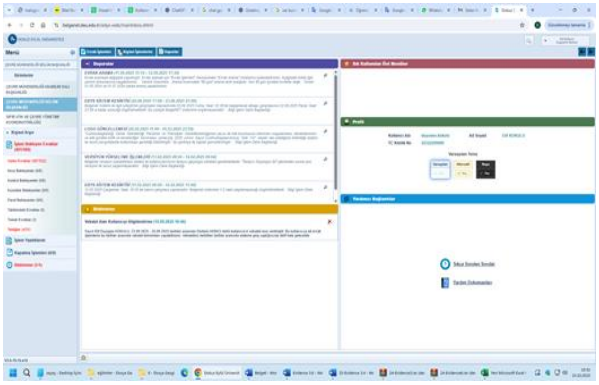
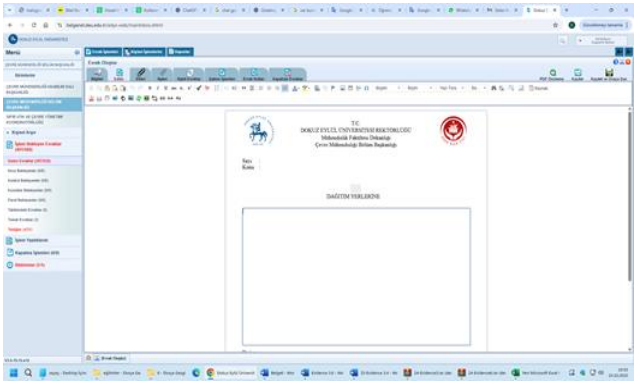
There are more than 10 programs actively implemented at Dokuz Eylul University (DEU) to reduce the use of plastic and paper.

For the past five years, all internal correspondence at DEU campuses has been conducted digitally through the Belgenet system, ensuring a significant reduction in paper use across 90 academic units. This digital correspondence method is applied not only in academic units but also in administrative departments.

Water dispensers are available in academic offices, preventing staff from purchasing plastic bottled water. Reverse Vending Machines (RVMs) for deposit returns have been installed on three DEU campuses, contributing to a decrease in plastic waste.

Poster printing at DEU is managed by the Department of Administrative and Financial Affairs. As part of cost-saving and sustainability measures, the number of printed event posters is limited to 10 copies per event. Event announcements are regularly shared through the university's social media accounts, minimizing the need for printed materials.

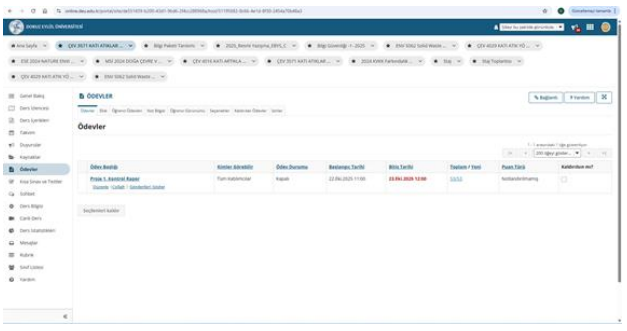
In university cafeterias, staff and students who bring their own mugs or cups are offered larger servings of tea or coffee. This initiative promotes the reduction of disposable plastic and paper cups, and plans are underway to introduce discounted beverage prices for those bringing their own cups, further encouraging sustainable consumption habits.

Views from BELGENET System

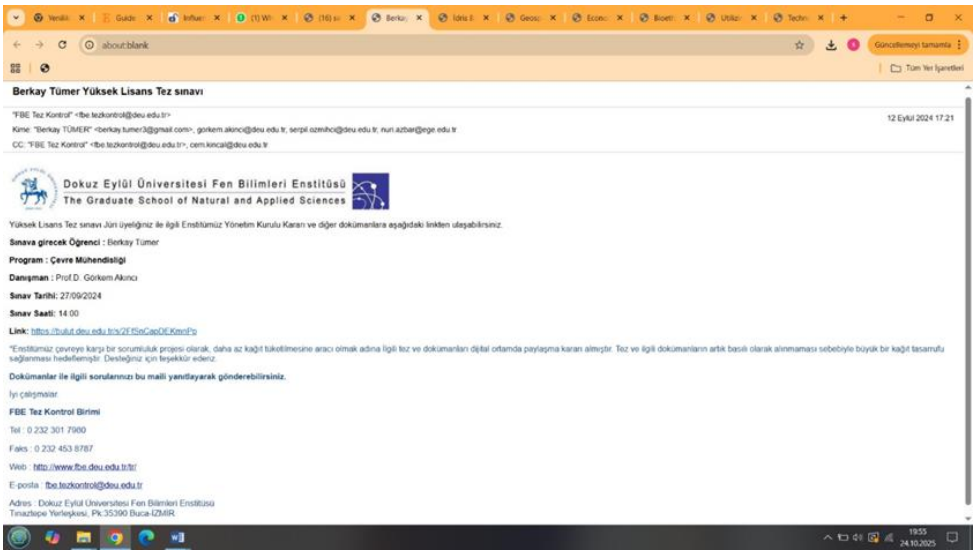

Reverse Vending Machines (RVMs)

Although DEU's distance education system (SAKAI) is not currently used for regular courses due to face-to-face instruction, it remains active for digital assignment submissions, further reducing paper consumption. Double-sided printing is also encouraged in academic units to minimize paper waste.



SAKAI System Interfaces

Since 2023, undergraduate and graduate theses have been submitted digitally instead of in printed form, leading to substantial paper savings. With approximately 30,000 graduates over the past three years, each submitting an average 100-page thesis, nearly 3 million A4 pages (around 15 tons of paper) have been saved — equivalent to preventing the cutting of about 250 mature trees. As graduate theses are usually submitted in multiple copies, the actual amount of paper saved is likely even higher.



Thesis submission page for Graduate School of Natural and Applied Sciences

Social Media for DEU

Caffeteria Poster for Bring Cup Application

[3.5] Total volume of organic waste produced this year (tons)

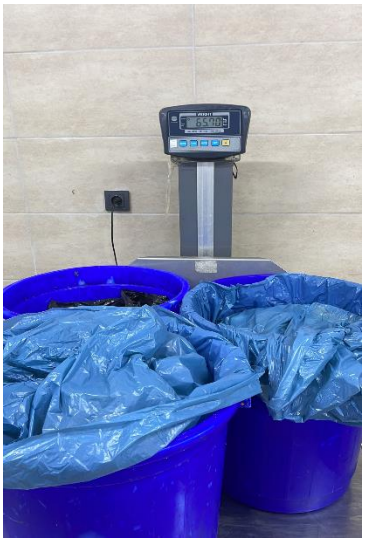
At Dokuz Eylul University (DEU), the primary source of organic waste is the university canteens and dining halls. In 2024, the Sustainable Waste Management Student Community implemented a project entitled “What’s on My Plate?” to estimate the total amount of organic waste generated across the campuses. As part of this initiative, food waste samples were collected and weighed over a ten-day period in four different university dining halls. The data obtained from these measurements were then proportionally compared with the total number of people dining on campus throughout the year. Based on this calculation, the total amount of organic waste generated at DEU by the end of 2024 was estimated to be approximately 26.1 tons. The project not only provided valuable data on food waste generation but also raised awareness among students and staff about responsible food consumption and waste reduction practices.



Views from the project entitled “What’s on My Plate?”

[3.6] Total volume of organic waste produced last year (tons)

Last year, pilot studies were carried out in the university’s campus kitchens to assess the generation of organic waste. These studies covered all four main campus kitchens, where biodegradable waste was measured by weighing food residues during three separate sampling periods of two weeks each. Based on the daily averages, the total annual amount of organic waste was calculated. Although the amount varied depending on student and staff numbers, considerable quantities of waste were recorded during the busiest times of the academic year.
Overall, the organic waste generated by Dokuz Eylul University’s kitchens was estimated to be about 27 tons in 2023.



Biodegradable Waste Weighing Images from Tınaztepe Central Campus Kitchen in 2023

[3.7] Total volume organic waste treated this year (tons)

In 2024, composting activities continued at Dokuz Eylul University as part of the institution's sustainable waste management efforts. Organic waste collected from campus kitchens and dining halls was regularly processed through composting systems. As a result, approximately 9.2 tons of organic waste were composted during the year, producing nutrient-rich material that was used for soil improvement in campus green areas and landscaping projects. The continuation of composting activities reflects the university's ongoing commitment to reducing the environmental impact of organic waste and promoting circular economy practices.





Biodegradable waste loaded into the compost machine

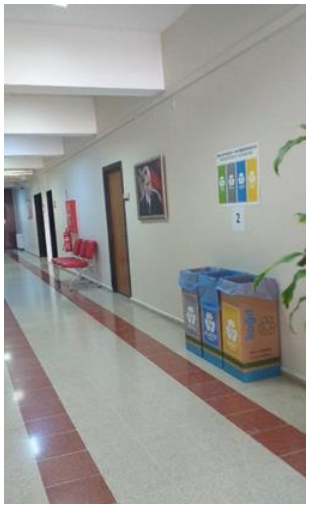
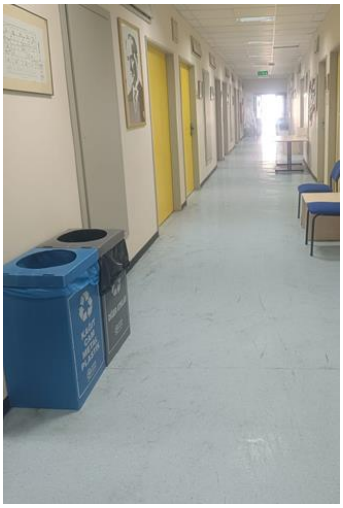
[3.8] Organic waste treatment (WS3)

There is the partial (%35,5) treatment of organic waste.

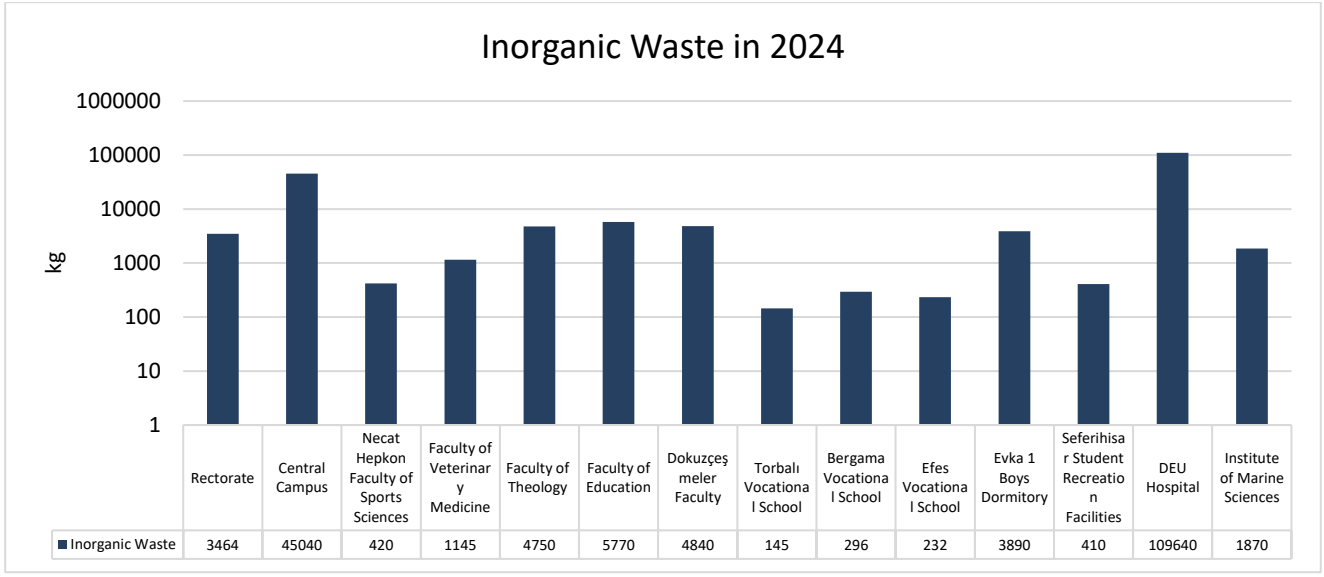
[3.9] Total volume of the inorganic waste produced (tones)

Dokuz Eylul University (DEU) carries out recycling activities in line with the National Zero Waste Regulation, which has been in force since 2019. The university holds a Zero Waste Certificate for all 15 campuses, issued by the Ministry of Environment, Urbanization, and Climate Change. This certificate confirms that inorganic waste is collected and recycled separately in compliance with national regulations.

DEU works with licensed recycling companies and the regional municipality to ensure that recyclable materials collected from campuses are properly processed. In 2024, a total of **181,912** tons of inorganic waste was collected across all campuses. During the same year, DEU began selling its recyclable waste through a formal tender process, contributing to the national economy within the legal framework.

Seperate collection systems in DEU campuses



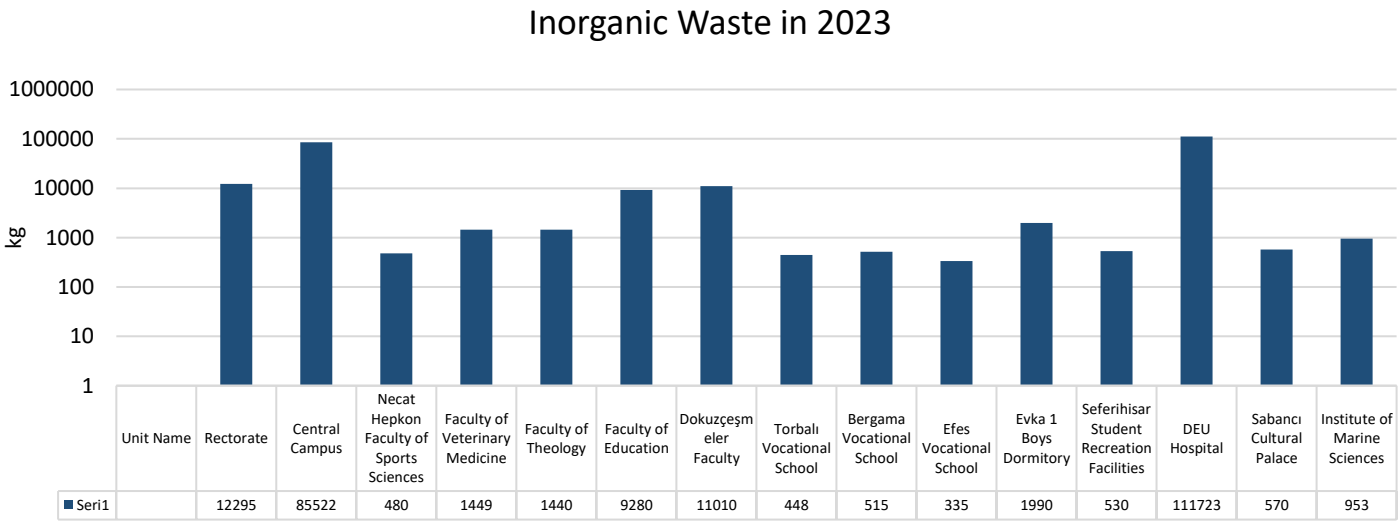
Inorganic Wastes in DEU campuses (2024)

[3.10] Total volume of the inorganic waste produced last year (tones)

Throughout 2023, DEU collaborated with licensed firms and the regional municipality to ensure the proper collection and processing of recyclable materials from its campuses. During the year, a total of 238.54 tons of recyclable waste were collected and delivered to authorized companies for recovery.

All data on recyclable waste are regularly recorded in the Ministry's Integrated Environmental Information System, and annual waste declarations are submitted through the same platform. These records are also included in DEU's annual Higher Education Institution Report Card.

Seperate collection systems in DEU campuses

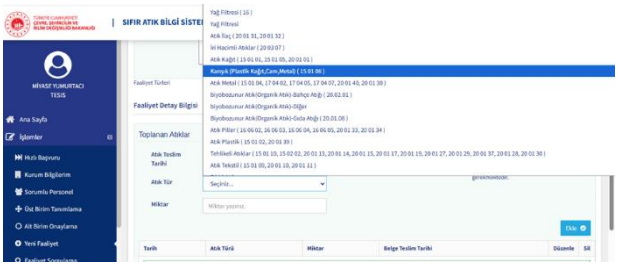


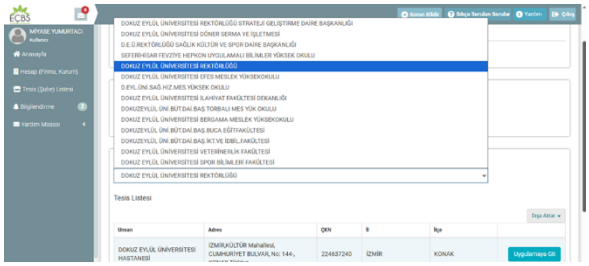
Unit Name	Rectorate	Central Campus	Necat Hepkon Faculty of Sports Sciences	Faculty of Veterinary Medicine	Faculty of Theology	Faculty of Education	Dokuzçeşmeler Faculty	Torbalı Vocational School	Bergama Vocational School	Efes Vocational School	Evka 1 Boys Dormitory	Seferihisar Student Recreation Facilities	DEU Hospital	Sabancı Cultural Palace	Institute of Marine Sciences
Seri1	12295	85522	480	1449	1440	9280	11010	448	515	335	1990	530	111723	570	953

[3.11] Total volume of the inorganic waste treated (tones)

The university also promotes reuse through its annual **"Swap Day"** on the Tınaztepe Campus, where students and staff exchange or donate usable items such as books and clothes. All data on recyclable waste are regularly entered into the **Integrated Environmental Management System** of the Ministry of Environment, Urbanization, and Climate Change, ensuring transparent and traceable waste management practices Therefore, inorganic waste treatment is extensive (>85% treated).

The contracted licensed company's collection of inorganic waste from DEU campuses and their final processing facilities





Interfaces of the Integrated Environmental Information System

[3.12] Inorganic waste treatment (WS.4)

All inorganic waste generated at Dokuz Eylul University (DEU) is managed by a licensed company that collects, separates, and sends the materials to recycling plants. In 2024, a total of 181,912 tons of inorganic waste were recycled. Therefore, inorganic waste treatment is extensive (>85% treated).

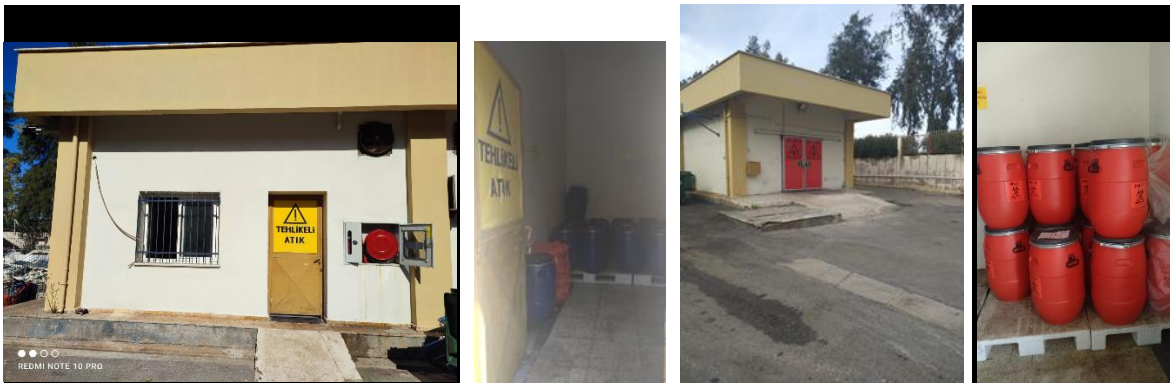
[3.13] Total volume of the toxic waste produced this year (tons)

Dokuz Eylul University (DEU) applies a controlled and systematic approach to the management of hazardous and medical waste generated from its academic, administrative, and technical units. Waste Electrical and Electronic Equipment (WEEE), malfunctioning devices, and similar materials are carefully sorted within university buildings and then transferred to designated Temporary Storage Areas across the campuses. These areas have been designed and constructed in accordance with the provisions of the Regulation on Waste Management (Official Gazette No. 29314, 2015) and the Regulation on Control of Medical Wastes (Official Gazette No. 25883, 2005).

Central Temporary Hazardous Waste Storage Areas are located on the Central Campus and the 15 July Health and Arts Campus. Academic and administrative units deliver their hazardous waste to these facilities, where it is stored for a maximum of six months in compliance with legal requirements. After this period, the waste is transferred to a licensed hazardous waste disposal company through a formal service procurement process, as specified in the Regulation on Waste Management. Items such as ink and toner cartridges, printer batteries, fluorescent lamps, adhesives, and other hazardous materials are collected separately and categorized according to their waste codes to ensure proper handling and traceability. Hazardous chemicals are segregated directly at the source and taken to the temporary storage area.

Hazardous waste temporary storage areas at Tınaztepe Central Campus

Hazardous waste temporary storage areas in other campuses

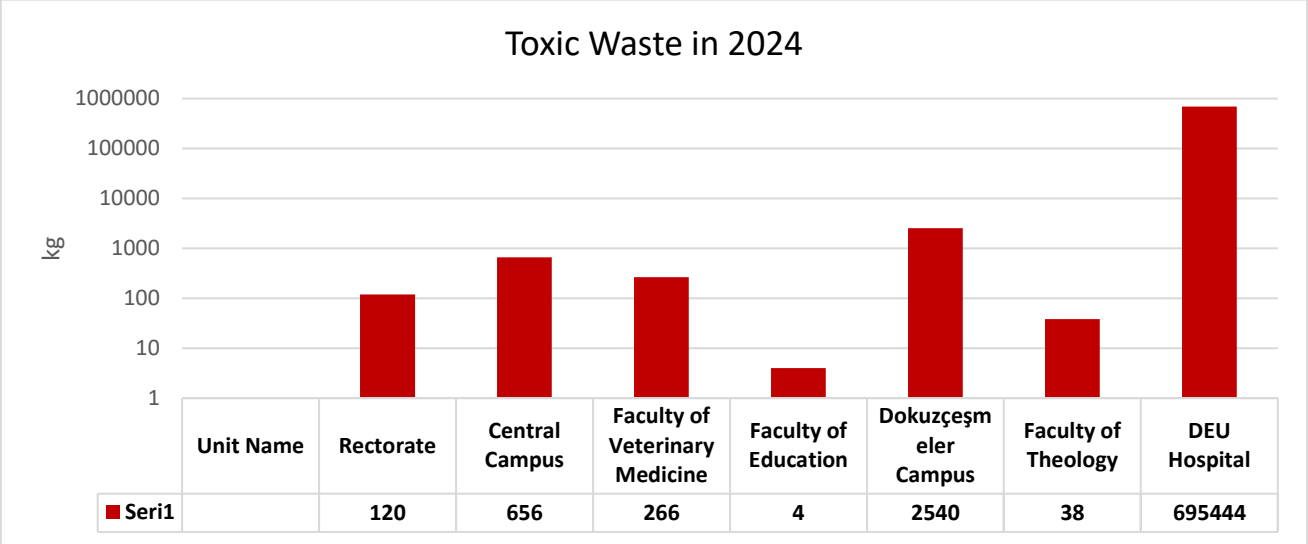


Hazardous Waste and Medical Waste Temporary Storage Area at DEU Hospital

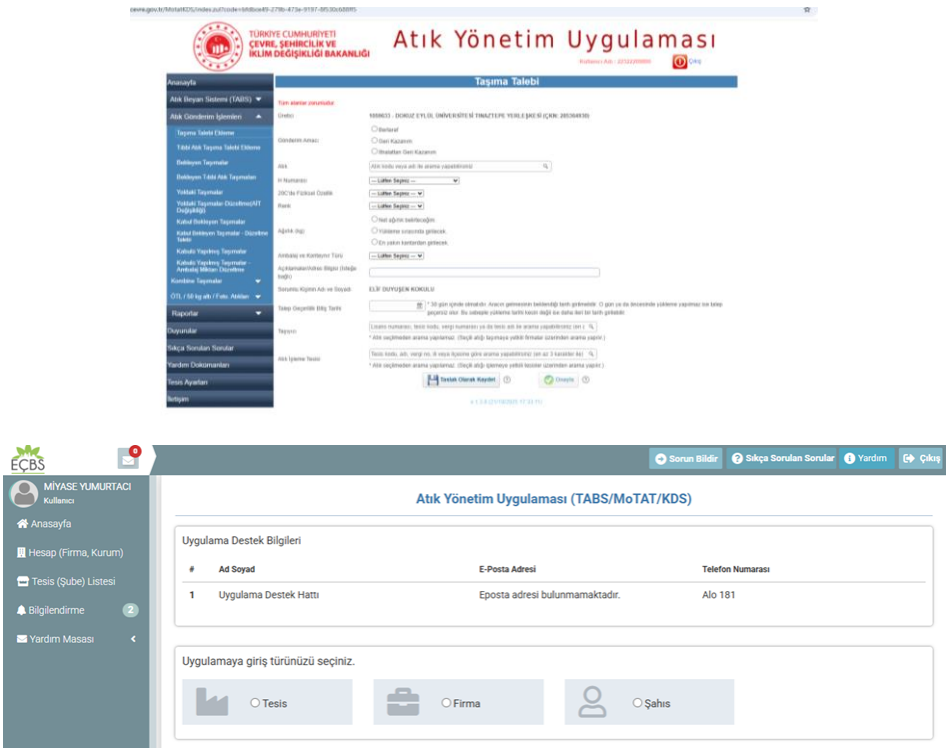
Seperate collection in some units of DEU Hospital

Medical waste is collected and treated separately from other hazardous waste in accordance with the Regulation on Control of Medical Wastes. In 2024, a total of **669 tons** of toxic waste was generated, 663 tons of which consisted of medical waste—almost entirely originating from the DEU Hospital. All hazardous

and medical wastes (sterilized) are disposed of in full compliance with the relevant legislation by licensed waste management firms.



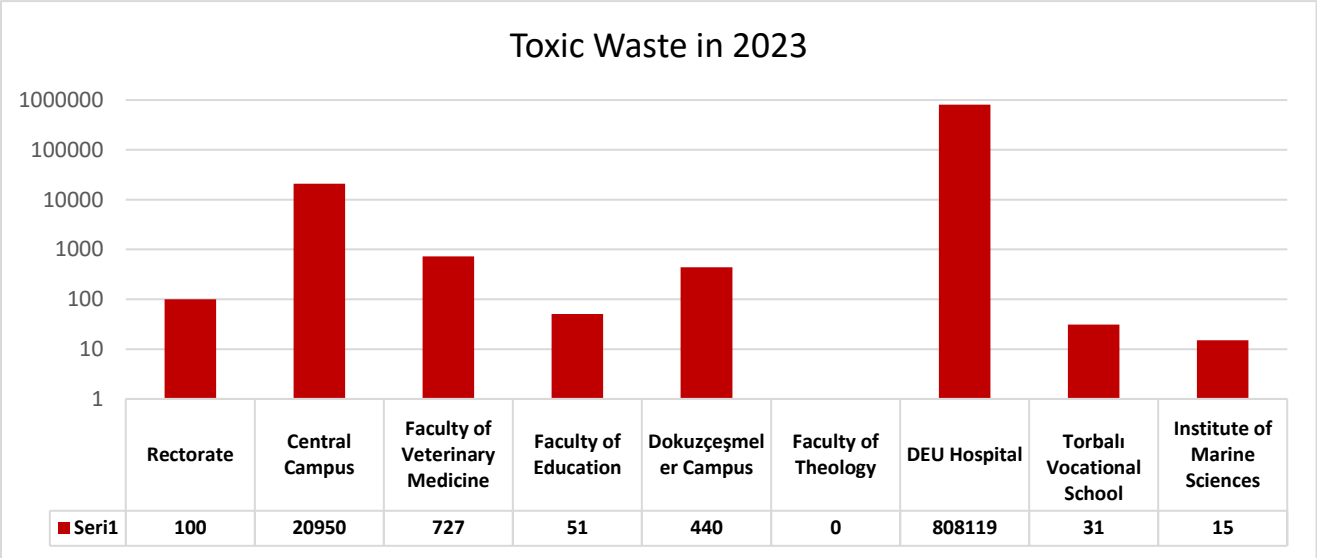
All generated data are systematically recorded in the Integrated Environmental Information System managed by the Ministry of Environment, Urbanization, and Climate Change, ensuring transparency, traceability, and compliance with national environmental regulations.



Integrated Environmental Information System Interface for Toxic Waste Entry

[3.14] Total volume of the toxic waste produced last year(tons)

As of 2023, DEU campuses generated 752,5 tons of medical waste and 78,2 tons of other hazardous waste with a total of 830,43 tons. All data are carefully recorded in the Integrated Environmental Information System (EÇBS) managed by the Ministry of Environment, Urbanization, and Climate Change, ensuring transparency and compliance with current environmental regulations.

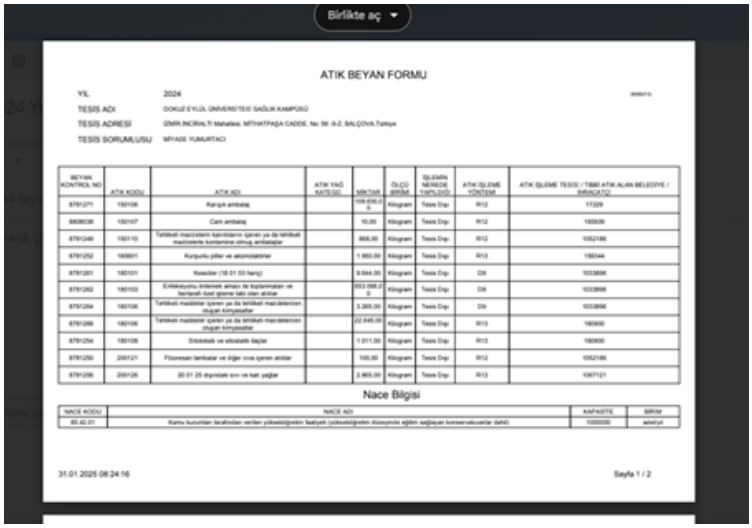


	Rectorate	Central Campus	Faculty of Veterinary Medicine	Faculty of Education	Dokuzçeşmeler Campus	Faculty of Theology	DEU Hospital	Torbalı Vocational School	Institute of Marine Sciences
Seri1	100	20950	727	51	440	0	808119	31	15

[3.15] Total volume of the toxic waste treated (tons)

As of 2024, DEU campuses generated a total of 669 tons of hazardous waste, 663 tons of which consisted of medical waste, primarily originating from the DEU Research and Application Hospital. At the medical wastes are sterilized and hazardous wastes are recycled through licenced firms. All waste data have been systematically recorded and verified through the Integrated Environmental Information System (EÇBS), ensuring full compliance with national environmental regulations and responsible waste management practices.They are all treated. The transportation and disposal processes of hazardous waste are conducted in coordination with the MOTAT (Mobile Hazardous Waste Tracking System), operated by the Ministry of Environment, Urbanization, and Climate Change. This system enables full traceability and transparency throughout the entire waste management process, and its use is mandatory for all licensed companies involved in hazardous waste transportation.

An Interface of Mobile Hazardous Waste Tracking System



Annual Waste Declaration Forms extracted from the Integrated Environmental Information System, which includes the amount of hazardous waste

[3.16] Toxic waste treatment (WS.5)

Dokuz Eylül University works in partnership with a licensed recycling company to ensure the safe collection, transfer, and processing of all toxic waste generated on its campuses. In accordance with national regulations, all hazardous waste is separately collected and temporarily stored on campus for a maximum of 180 days before being delivered to the licensed company authorized to recycle or dispose of such materials. This process guarantees that all toxic waste produced within the university is handled, transported, and treated in compliance with environmental standards.

The final destination, delivery dates, and treatment details of these wastes can be monitored through the Mobile Waste Tracking System (MOTAT), managed by the Ministry of Environment, Urbanization, and Climate Change.

As a result, DEU has achieved comprehensive treatment coverage for more than 85% of its toxic waste, reflecting its strong commitment to environmental responsibility and sustainable waste management practices.

[3.17] Sewage disposal (WS.6)

At Dokuz Eylul University, wastewater management practices are implemented systematically to ensure environmental compliance across all campuses. Both the Faculty of Medicine Student Cafeteria and the Tınaztepe Central Campus Social Facilities Cafeteria are equipped with two grease interceptor treatment systems each, preventing oil and grease from entering the sewage network. Primary treatment is applied.

Closed grit chamber systems for pre-treatment of wastewater to be discharged to the sewer system (15 Temmuz Health and Art Campus)

Wastewater generated from campus dining halls is processed through wastewater treatment facilities to meet the İZSU (Izmir Water and Sewerage Administration) discharge standards before being released into the municipal sewer system. At the Tınaztepe Central Campus, the grit chamber pre-treatment facility is fully operational, while construction continues for the pre-treatment and wastewater management plant serving the cafeterias at the 15 July Health and Arts Campus.

The sewer infrastructure across DEU campuses is integrated into the network managed by İZSU, which oversees the collection, transfer, and treatment of wastewater for the entire city. The collected wastewater is directed to a central large-scale treatment plant utilizing advanced purification technologies. As a result, the treated wastewater fully complies with reuse standards, allowing it to be safely used for irrigation purposes.

Closed grit chamber system for pre-treatment of wastewater to be discharged to the sewer system (Tınaztepe Central Campus)

IZSU Wastewater Treatment Plant for Izmir city

[3.18] Planning, implementation, monitoring and/or evaluation of all programs related to Waste Management through the utilization of Information and Communication Technology (ICT) (WS 7)

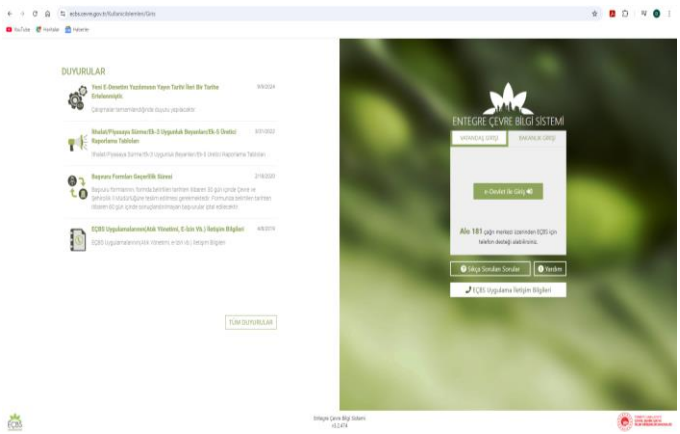
Dokuz Eylul University (DEU) utilizes the Integrated Environmental Information System (EÇBS), which is managed by the Ministry of Environment, Urbanization, and Climate Change of the Republic of Türkiye, and provides all required environmental data through this platform.
Through EÇBS, all of the University's environmental management processes—including waste declarations, environmental permits, zero-waste reporting, and disposal procedures—are carried out digitally and in full compliance with national environmental legislation.

All waste generated on DEU campuses is systematically classified and reported via the EÇBS platform. Toxic wastes produced in laboratories, hospitals, and research centers is also declared through the system, and its transfer to licensed disposal facilities is recorded. Vegetable and mineral waste oils collected from campus kitchens and laboratories are reported through the "Waste Oil Information System" module.

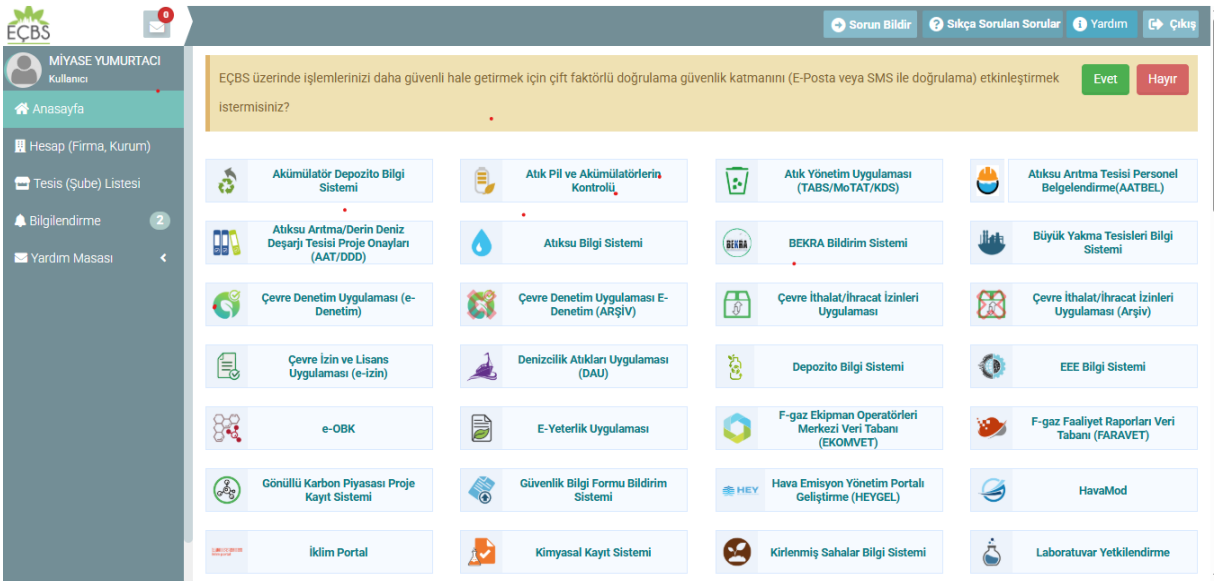
Packaging waste collected through the University's Zero Waste Stations is reported to EÇBS, and delivery records to recycling companies are uploaded to the system. Obsolete computers, printers, and laboratory equipment are also registered to ensure environmentally responsible disposal and full traceability.
These processes guarantee complete traceability of waste streams and support compliance monitoring by the Ministry during audits and inspections.

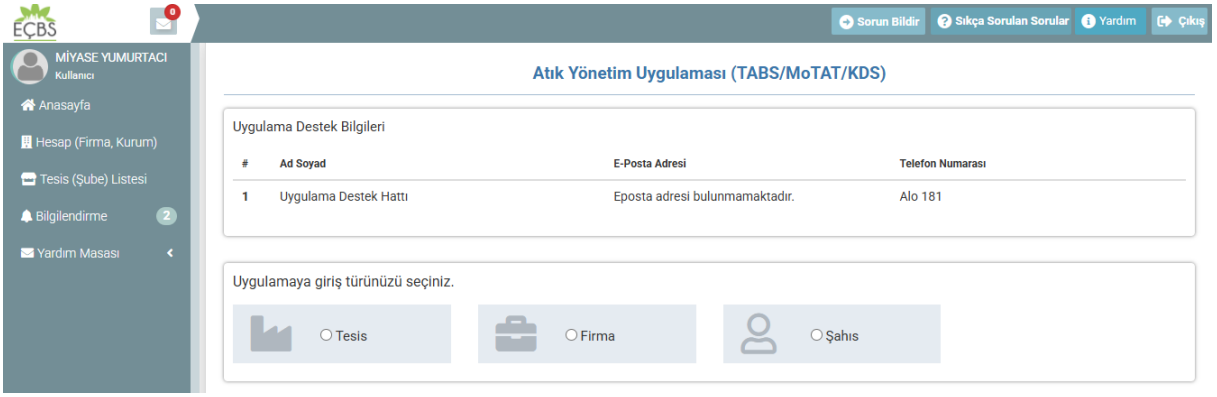
DEU also actively uses the Zero Waste Information System, a sub-module of EÇBS, to monitor and manage its waste reduction performance.

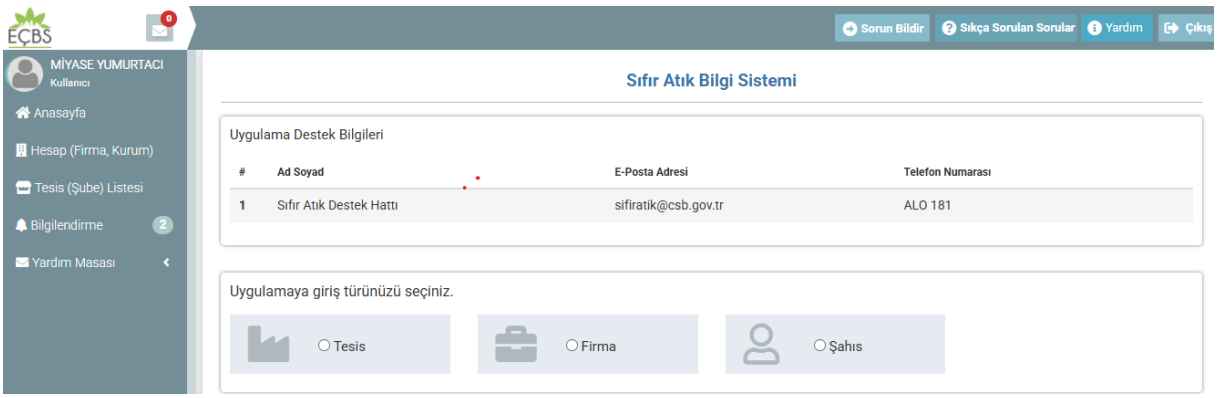
Through this system, each campus regularly reports the quantity and type of collected waste, recycling and recovery rates, certificate levels (such as Bronze or Silver Zero Waste Certificates), and environmental awareness and training activities conducted throughout the year.
Therefore, DEU uses a program which has been Implemented, evaluated, and also currently revised.



Integrated Environmental Information System Starting Page







Integrated Environmental Information System Interfaces

[3.19] Impact of Waste Management programs in supporting the Sustainable development Goals (SDGs)

The Integrated Environmental Information System (EÇBS), administered by the Ministry of Environment,

Urbanization, and Climate Change of Türkiye, serves as a national digital infrastructure for environmental governance. It enables institutions, including universities, to monitor, report, and manage environmental data in a transparent, traceable, and legally compliant manner. Hence Waste management program (EÇBS) used by DEU has a high impact by supporting 10 SDGs.

SDG 3 – Good Health and Well-Being

Accurate tracking and disposal of medical and hazardous waste through EÇBS reduces risks of environmental pollution, infection, and toxic exposure, particularly for healthcare workers and surrounding communities. This supports a healthier environment and aligns with public health protection goals.

SDG 6 – Clean Water and Sanitation

EÇBS enforces proper wastewater and hazardous waste management, preventing contamination of freshwater sources and promoting clean water access. By documenting wastewater permits and discharge data, it ensures compliance with clean water regulations.

SDG 7 – Affordable and Clean Energy

Although not an energy-specific platform, EÇBS facilitates data-driven energy efficiency by reducing paper use, integrating electronic permits, and minimizing logistical resource consumption across institutions. This contributes to more sustainable, low-carbon operational models.

SDG 9 – Industry, Innovation, and Infrastructure

EÇBS represents technological innovation in environmental governance. It promotes the use of digital infrastructure, standardized data collection, and automation across industries and public institutions. This contributes to resilient and efficient environmental infrastructure.

SDG 11 – Sustainable Cities and Communities

EÇBS supports municipalities and universities in monitoring urban waste, air quality, and wastewater systems, contributing to cleaner, more livable, and sustainable cities. It promotes data-based urban planning and helps track progress toward local sustainability goals.

SDG 12 – Responsible Consumption and Production

This is one of the system's strongest links. EÇBS mandates the recording, classification, and proper disposal of all waste types—including packaging, electronic, medical, and hazardous waste—thus reducing environmental impact and advancing the circular economy model.

SDG 13 – Climate Action

EÇBS enhances climate accountability through standardized reporting on emissions, waste management, and resource use. The data it collects enables policy evaluation, carbon reduction strategies, and environmental impact monitoring at the national level.

SDG 14 – Life Below Water

By ensuring safe disposal of hazardous and oil-based waste, EÇBS prevents marine pollution and supports the protection of coastal and marine ecosystems, particularly in regions near the Aegean and Mediterranean coasts.

SDG 15 – Life on Land

Through the strict regulation of chemical and toxic waste management, EÇBS protects soil, forest, and terrestrial biodiversity. The reduction of illegal dumping and pollution safeguards ecosystems and supports land restoration efforts.

SDG 16 – Peace, Justice, and Strong Institutions

EÇBS strengthens institutional transparency and accountability by digitally documenting all environmental processes. It enhances governance quality, ensures public access to verified environmental data, and promotes integrity in institutional operations.

[4] Water (WR)

[4.1] Water conservation program implementation (WR.1)

The drinking water supplied to Dokuz Eylul University (DEU) campuses is provided by the İzmir Water and Sewerage Administration (İZSU), operating under the İzmir Metropolitan Municipality. İzmir's water network is structured through an integrated system combining surface waters from major dams (Tahtalı, Balçova, Gördes) and groundwater from deep wells (Halkapınar, Menemen).

According to the İZSU 2024 Annual Report, İzmir's total annual drinking water capacity reached 314.45 million m^3/year, with an average daily supply of 861,528 m^3 distributed citywide. The system includes 67 drinking water treatment plants with a combined annual purification capacity of 611.1 million m^3, ensuring a stable and high-quality water supply.

The Tahtalı Dam remains İzmir's largest surface reservoir and the primary source for DEU campuses. Water undergoes advanced treatment at the Tahtalı Drinking Water Treatment Plant before distribution, meeting national health and quality standards.

Beyond municipal water supply, DEU actively promotes sustainable water management across its campuses. The Main (Tınaztepe) Campus, for instance, integrates a 48-ton rainwater harvesting reservoir and drip irrigation systems to minimize water waste. Green spaces—home to olive and fruit trees—are irrigated using stored rainwater during dry months, contributing to reduced dependence on municipal supply.

Environmentally, DEU campuses also play a vital role in natural water absorption and ecosystem balance. Approximately 56.2% of total campus land is covered by forested areas, while another 12.4% consists of natural vegetation. In addition, nearly 25% of the campus area is composed of permeable hard surfaces made of interlocking paving stones that allow rainfall to naturally infiltrate the soil. This structure supports groundwater recharge and prevents surface runoff, preserving the natural hydrological cycle within campus boundaries.

Through the combination of these efforts—efficient municipal water use, natural drainage, and conservation at Dokuz Eylul University campuses, DEU ensures the sustainable conservation of 25–50%.




Views from surface water sources of Izmir




Views from potable water treatment plants in İzmir

Water-absorbing areas that make up the majority of DEU campus lands

[4.2] Water Recycling Program Implementation (WR.2)

At the Technical Workshops located on the Tınaztepe Campus, a 360 m² roof area (60 m × 6 m) has been designed to collect and store rainwater in a 48-ton capacity reservoir. Based on long-term meteorological data, the region's average annual precipitation is 716.5 mm. Approximately 80% of this rainfall can be effectively harvested from the roof surface and stored for reuse. The collected water is used in two ways: during autumn and winter, it supports cleaning and maintenance activities around the workshops, while in dry summer months, it is utilized for irrigating 40 fruit and olive trees in the surrounding area. The system captures and reuses an estimated 200 m³ of water annually.

DEU's water recycling and recovery initiatives are currently in a development phase, with approximately 1–25% of the institutional plan implemented so far. Future projects aim to expand rainwater collection systems to additional buildings across the university, further enhancing water conservation and sustainability efforts.

Dokuz Eylül University has three semi-Olympic swimming pools. These pools are:

- Tınaztepe (Central) Campus Pool

- 15 July Health and Arts Campus (İnciraltı) Pool
- Seferihisar Faculty of Sports Sciences Campus Pool

Regular microbiological and chemical analyses are conducted in the pools for health and safety purposes, and pH and chlorine levels are monitored daily. If the specified threshold values are exceeded, especially if the free chlorine level rises above 0.2 mg/L, the water is refreshed by backwashing and fresh water is supplied to the pool. Approximately 30 tons of water are discharged from each pool per week. This water is collected in settling tanks and then used for watering green areas. This method saves approximately 4,700 tons of irrigation water per year.

Technical Atelier building harvesting tank and the trees around in Tınaztepe Campus

[4.3] Water efficient appliances usage (WR.3)

Dokuz Eylul University promotes water efficiency through the use of modern, water-saving systems across all its campuses. Many buildings are equipped with photo-sensor taps and urinal flushes that activate only when needed, helping to reduce unnecessary water use. In addition, dual-flush toilet systems are installed in restrooms, allowing users to choose between a smaller or a full flush depending on the need. These simple but effective measures help DEU conserve a significant amount of water every day and reflect the university's commitment to sustainable resource management. Approximately 40–60% of water-efficient appliances have been installed across DEU campuses.




Motion sensitive taps



Double stage system reservoirs

[4.4] Consumption of treated water (WR.4)

The drinking water for İzmir, including that supplied to Dokuz Eylul University (DEU) campuses, is provided and managed by the İzmir Water and Sewerage Administration (İZSU) under the İzmir Metropolitan Municipality. The city's drinking water network is fed by both surface water reservoirs and underground wells, which are

treated at modern drinking water treatment plants before entering the municipal system.
As of 2024, İzmir operates 67 drinking water treatment facilities located across 20 sites, covering a total area of 273.198,93 m². Together, they offer an annual treatment capacity of 611.126.683 m³, with 314.457.735 m³ of potable water distributed to the city during 2024.

There are seven major drinking water treatment plants in İzmir that treat both underground and surface water sources. Among these, the Tahtalı and Balçova Drinking Water Treatment Plants supply the water used across DEU campuses.

The Tahtalı Drinking Water Treatment Plant, located south of Görece in the Menderes district, is the largest facility in İzmir with a daily treatment capacity of 520.000 m³ and an installed power of 1.250 kVA. It ensures that the water drawn from the Tahtalı Reservoir meets all drinking water standards. The facility includes advanced units for aeration, rapid mixing, clarification, rapid sand filtration, chlorination, sludge thickening and dewatering, as well as treated water storage and chlorine contact tanks. Water samples collected from the inlet and outlet points are analyzed regularly at the İZSU Central Laboratory and at the Public Health Institute Laboratories of the Ministry of Health.

Views from Tahtalı Potable Water Treatment Plant of Izmir Metropolitan Municipality

The Balçova Drinking Water Treatment Plant, located adjacent to the Balçova Dam, was commissioned in May 1984 and has a daily treatment capacity of 70,000 m³. The facility is equipped with systems for aeration, pre-

chlorination, rapid sand filtration, filtered water storage, and final chlorination, ensuring the water's compliance with national standards.


Views from Balçova Potable Water Treatment Plant of Izmir Metropolitan Municipality

Both the Tahtalı and Balçova plants operate 24 hours a day in three shifts, with mechanical, electrical, and construction teams providing continuous maintenance. Water and sludge samples are taken hourly and daily from multiple points — including raw water, process units, and treated water — and analyzed to ensure consistent water quality in compliance with the Turkish Standard TS 266.

All facilities are connected to İZSU's central SCADA monitoring system at the Halkapınar Water Operations Center, where water quality, flow rates, and operational data are continuously tracked in real time. Through this advanced control network, the İzmir Metropolitan Municipality ensures that the tap water supplied to the entire city — including all DEU campuses — remains under systematic, 24-hour quality supervision.


Views from Balçova Potable Water Treatment Plant of Izmir Metropolitan Municipality


Views from Ürkmez Potable Water Treatment Plant of Izmir Metropolitan Municipality


Views from Aliağa Potable Water Treatment Plant of Izmir Metropolitan Municipality


Views from Çeşme Potable Water Treatment Plant of Izmir Metropolitan Municipality

Views from Ödemiş Potable Water Treatment Plant of Izmir Metropolitan Municipality

Dokuz Eylul University (DEU), the water supplied by the İzmir Metropolitan Municipality is further purified before use. In the Tınaztepe Campus Kitchen, two compact treatment systems located in the Boiler Room ensure that all water used in food preparation is properly treated.

Each cafeteria floor is also equipped with water dispensers containing built-in purification units, providing clean drinking water for staff and students. Overall, more than 75% of the water used across DEU campuses is treated and purified, reflecting the university's commitment to health, safety, and sustainability.



Potable water treatment facilities in DEU Tınaztepe Kitchen

[4.5] Water pollution control in campus area (WR.5)

Dokuz Eylul University utilizes treated water supplied by the İzmir Metropolitan Municipality as part of the city's water network. Additional purification systems operate in campus kitchens and dining areas to ensure high-quality water for daily use.

Water and wastewater monitoring is regularly performed in major consumption areas such as dining halls, the university hospital, and laundry facilities. All chemical and microbiological analyses are conducted by the Environmental Engineering Department and the results are submitted to the Office of the Rector for continuous oversight.

[5] Transportation (TR)

[5.1.] Number of cars actively used and managed by the university

There are 89 cars actively used by the university.

[5.2.] Number of cars entering the university daily

There are 1375 cars entering the university daily.

[5.3.] Number of motorcycles entering the university daily

There are 650 motorcycles entering the university daily.

[5.4.] The total number of vehicles (cars and motorcycles with combustion engines) divided by the total campus' population (TR.1)

[5.4] = (**5.1+5.2+5.3**)/(**1.15**) =

5.1 Number of cars actively used and managed by University: 89

5.2 Number of cars entering the university Daily: 1375

5.3 Number of motorcycles entering the university Daily: 650

Total Number of motor vehicles: 2025

1.15 Estimated total population in campus : 71.990

5.4 The total number of vehicles (cars and motorcycles with combustion engines) divided by the total campus' population: 2025 / 71990 = **0.028**

[5.5] Shuttle services (TR 2)

At Dokuz Eylul University, the ring shuttle service is actively operated within the Main (Tınaztepe) Campus, as this is the area where on-campus transportation needs are the most concentrated. Other campuses do not require internal shuttle circulation due to their smaller size and close proximity between units. Within the Tınaztepe Campus, the ring shuttles are provided by the university and begin operating at 07:40 a.m., departing from the East Gate, which serves as the main departure point. The shuttles run at 10–20 minute intervals throughout the day, circulating around the campus to reach all key areas and academic units. In addition to the internal ring system, municipal buses also access the Main Campus and stop at the designated points along the main arterial roads. Moreover, these public transportation routes provide regular service to all other campuses of the university through their respective bus stops.






[5.6] Number of shuttles operating in the university

There are 8 shuttles operating in the university.

[5.7] Average number of passengers of each shuttle

Each shuttle carries 55 passengers on average.

[5.8] Total trips of each shuttle service each day

There are 11 trips for each shuttle each day.

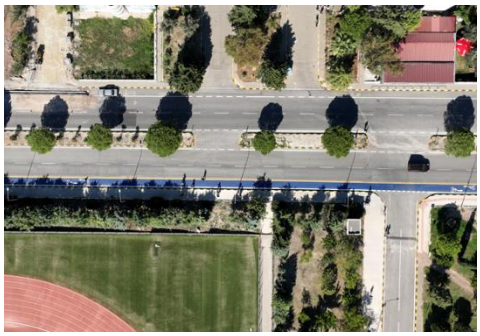
[5.9] Zero Emission Vehicles (ZEV) policy on campus (TR3)

At Dokuz Eylul University, environmentally friendly transportation options for students and staff are being rapidly developed. In this context, scooter stations, shared scooters, and bicycle lanes are actively available across several campuses. These modes of transportation are ideal for short distances, helping save time while also reducing the carbon footprint and promoting a sustainable lifestyle.

In addition, the use of zero-emission vehicles within the campuses is becoming increasingly common and is actively encouraged by the university. Electric vehicles are also utilized at the DEU Hospital, supporting sustainable and low-emission transportation within the health campus. In line with this environmentally conscious approach, electric vehicle charging stations have been installed across all campuses. Currently,

seven charging stations are operational, and the number is planned to be increased to fifteen in the near future. This initiative significantly contributes to the adoption of sustainable transportation habits among both university staff and students.





Electric scooters and bicycle lines in Tınaztepe campus


Electric cars carrying patients in DEU Hospital


[5.10] Average number of Zero Emmission Vehicles (ZEV) on campus per day

There are 800 zero emission vehicles on campus per day.

[5.11] The total number of Zero Emmission Vehicles (ZEV) divided by the total campus population (TR.4)

The total number of Zero Emmission Vehicles (ZEV) divided by the total campus population is 0,011.

[5.12] Total ground parking area (m^2)

The total ground parking area is 40.000 m^2.

[5.13] The ratio of ground parking area to total campus area (TR.5)

The ratio of the total ground parking area to total campus area: 40.000/ 5.535.434 * 100 = **0.72 % .**

[5.14] Program to limit or decrease the parking area on campus for last 3 years (TR.6)

At Dokuz Eylul University (DEU), several practices have been implemented to limit on-campus parking areas and promote sustainable mobility. Since 2017, the parking capacity for both students and staff has remained fixed, and only registered vehicle owners are permitted to access the campuses and parking lots. Through the Rapid Transit System (DE-HGS), students and staff who obtain smart cards and fast pass tags are allowed to enter the campuses with their vehicles. Access to parking areas is strictly controlled through this smart card system. (University ring shuttles and public transportation vehicles are allowed to enter the campuses but are not permitted to park inside.)

Previously, the total parking area covered 86.900 m^2, but this was reduced to 40.000 m^2 by 2021, representing a 54% decrease. Currently, parking lots occupy only 0.72% of the total campus land area.

Across the campuses, electric scooters with replaceable and remotely monitored batteries are available, along with designated parking spaces. In addition, DEU has published the Declaration for Pedestrians and Bicycles, which prioritizes the safety and comfort of pedestrians, cyclists, and electric scooter users. Bicycle lanes are also available for students and staff who prefer cycling for short distances.

Furthermore, the Tınaztepe Campus Transportation and Traffic Project continues actively, carried out in collaboration with the Department of Health, Culture and Sports, the Faculty of Engineering (Department of Civil Engineering), and the Faculty of Architecture (Department of City and Regional Planning). The project aims to transform the existing transportation system into a modern, safe, and sustainable structure that prioritizes public transport, pedestrians, and cyclists, while promoting the efficient use of parking and transport resources within the campus.




Campus Entrance Barrier System the cars having HGS (Permission for campus parking) are allowed




Limited and controlled parking zones in DEU campuse


Campus shuttle services and ride share moments


Bicycle and scooter parking areas


Bicycle roads in DEU Campuses

[5.15] Number of initiatives to decrease private vehicles on campus (TR.7)

At Dokuz Eylul University (DEU), a variety of initiatives have been implemented to reduce the use of private vehicles within the campuses and to encourage sustainable modes of transportation.

DEU is a multi-campus university with facilities spread across the city of İzmir. With the support of the İzmir Metropolitan Municipality and upon the university's request, many urban bus routes directly enter the

campuses, while additional public transport stops are located along the main arterial roads surrounding them. This collaboration between the municipality and the university significantly improves accessibility and comfort for students and staff, and reduces the need for personal vehicle use.

Campus ring shuttles operate actively within the university. These shuttles run at 10–20 minute intervals throughout the day and are free of charge, providing an efficient and environmentally friendly mode of transportation between academic units.

Campus access is free for students and staff. For vehicle entry, members of the university use their institutional ID cards, in accordance with the “Institutional ID Card and Vehicle Pass System Directive.” Additionally, a Fast Pass System (DE-HGS) automatically recognizes registered vehicles of students and staff. A small registration fee applies for the vehicle tag, which must be attached to the car, and the system is exclusively available to university members.

Parking areas are limited across all campuses and can only be accessed through the smart card or fast pass systems. Visitors arriving by vehicle are required to leave their ID cards at the security checkpoints and obtain a temporary visitor pass before entering the premises.

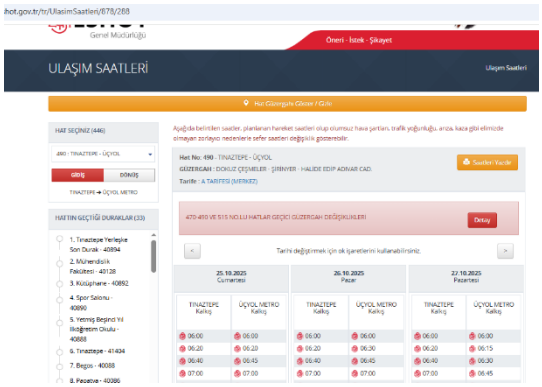
In alignment with the university’s sustainability goals, zero-emission vehicles are actively used within the campuses. Moreover, bicycle lanes are available for those who prefer cycling, supporting low-carbon and healthy transportation alternatives.

Campus Entrance Limitation in DEU Campuses- Only the public transport and the cars having HGS (Permission for campus parking) are allowed



Limited parking zones in DEU campuses

Campus shuttle services for free



Public transportation services operating to and from the campus

[5.16] Pedestrian path on campus (TR.8)

Pedestrian pathways in DEU campuses are extensive, well-connected, and actively used by students and staff. They are completely separated from vehicle roads and provide direct access to all academic and administrative units within the campuses. Especially in the Cenral (Tınaztepe) Campus, where the population density is the highest, pedestrian roads are widely utilized and sufficiently meet the daily transportation needs of the university community. Along these routes, protective barriers and shaded areas are placed to shield pedestrians from heat and adverse weather conditions. The pedestrian roads are constructed slightly elevated above vehicle lanes, ensuring additional safety. Furthermore, ramps, tactile guiding stones, and sensitive surface materials are specially designed to support accessibility for individuals with disabilities.

All campuses are also equipped with a sufficient number and variety of lighting systems, providing visibility and safety during evening hours. These well-maintained pedestrian routes not only encourage walking as a sustainable form of mobility but also enhance the overall sense of security and comfort across DEU's campuses.

Main Campus nighttime lighting and safety system for the pedestrians

Pedestrian paths in Campuses

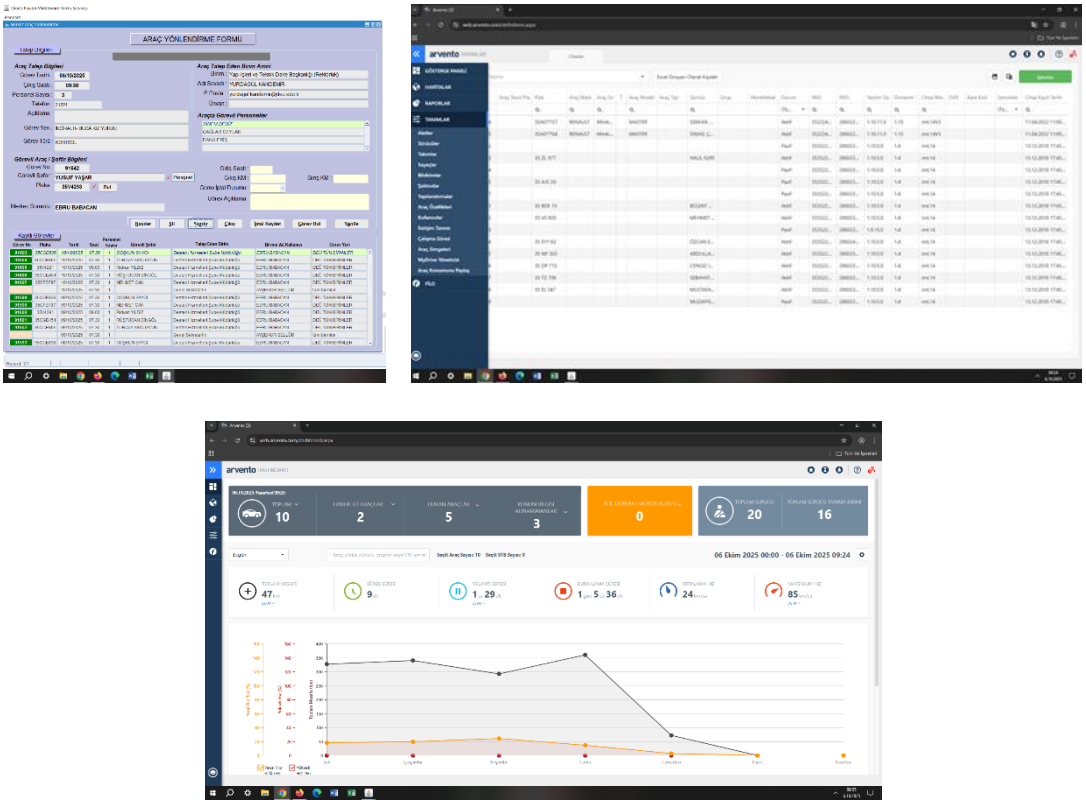
[5.17] The approximate daily travel distance of a vehicle inside you campus only (in kilometers)

The approximate daily travel distance of a vehicle inside campus only is 1 km.

[5.18] Planning, implementation, monitoring and/or evaluation of all programs related to Transportation through the utilization of Information and Communication Technology (ICT) (TR.9)

Dokuz Eylul University operates a Vehicle Tracking System that monitors and manages all vehicles used within the institution. This digital system, managed by the Department of Support Services, enables the university to track the operational efficiency, safety, and environmental performance of its transportation fleet. Through this system, detailed data are recorded and monitored, including departure and arrival times, routes taken, driver information, and details of staff members traveling in the vehicle. The system allows for real-time observation of vehicle movements, ensuring both transparency and effective coordination among university units.

In addition to improving operational efficiency, this system contributes to energy conservation and environmental sustainability by helping reduce unnecessary vehicle usage and fuel consumption. It also enhances institutional accountability and road safety by maintaining accurate digital records of all vehicle activities within DEU campuses.



Screenshots illustrating the user interface of DEU's Vehicle Tracking System

[5.19] Impact of Transportation programs supporting Sustainable Development Goals (SDGs)

Dokuz Eylul University's Vehicle Tracking System (VTS) plays a crucial role in supporting the university's sustainability strategy. Managed by the Department of Support Services, the system ensures efficient, safe, and environmentally responsible use of all university vehicles. By monitoring vehicle movements, optimizing fuel consumption, and promoting data-driven decision-making, the VTS aligns closely with **7** UN Sustainable Development Goals.

SDG 3 – Good Health and Well-being

The Vehicle Tracking System indirectly supports health and safety by promoting responsible driving behavior and reducing accident risks. Real-time monitoring allows the university to identify unsafe driving patterns and improve overall traffic safety within the campuses

SDG 7 – Affordable and Clean Energy

The Vehicle Tracking System contributes to energy efficiency by minimizing unnecessary trips, idling time, and fuel waste. Through continuous monitoring of vehicle activity, the university can evaluate and optimize fuel consumption, thus supporting cleaner energy use and reducing dependence on fossil fuels.

SDG 9 – Industry, Innovation and Infrastructure

The system represents a strong example of digital innovation in institutional infrastructure. By integrating GPS technology, real-time monitoring, and data analytics, DEU has established a modern, technology-driven approach to fleet management.

SDG 11 – Sustainable Cities and Communities

By controlling the number of vehicles operating within university campuses, the system helps decrease traffic congestion, noise, and air pollution. The campuses act like small cities. Therefore the use of this program helps DEU campuses become safer, cleaner, and more livable environments.

SDG 12 – Responsible Consumption and Production

The program enables the efficient use of institutional resources such as fuel, time, and maintenance services. It prevents unnecessary vehicle use and helps schedule maintenance based on real performance data. This responsible and data-based approach supports resource conservation and waste reduction.

 **SDG 13 – Climate Action**

Through reduced fuel consumption and emissions monitoring, the Vehicle Tracking System directly contributes to lowering the university's carbon footprint. The collected data supports climate action strategies by allowing the university to measure, report, and mitigate its environmental impact more accurately.

 **SDG 16 – Peace, Justice and Strong Institutions**

The implementation of a digital monitoring and reporting mechanism increases institutional transparency and accountability. Every trip is logged, ensuring that the use of university vehicles is ethical, traceable, and aligned with organizational policies.

[6] Education and Research (ED)

[6.1] Number of Courses/Subjects Related to Sustainability Offered

Dokuz Eylul University offers many study programs at the Bachelor's, Master's, and Ph.D. levels. All of these programs are designed to support global sustainability goals. They are taught in different faculties, vocational schools, and institutes, covering important topics such as hunger, poverty, health, education, gender equality, life in water and on land, environment, climate change, clean energy, innovation, infrastructure, and sustainable cities.

In total, there are **1835** courses related to sustainability. A full list of these courses is available in the Course Catalogue Information Package..

DEU Academic Unit (Faculty, Institute, Vocational School)	Related SDGs	Number of Courses
Institute of Atatürk's Principles and History of Turkish Revolution		**3**
Bergama Vocational School		7
Buca Faculty of Education		**114**
State Conservatory		1
Faculty of Dentistry		70
Faculty of Literature		6
Efes Vocational School		4
Institute of Educational Sciences		119

Graduate School of Natural and Applied Sciences		266
Faculty of Science		70
Physical Therapy and Rehabilitation Faculty		52
Faculty of Fine Arts		22
Faculty of Nursery		35
Faculty of Law		3
Faculty of Economics and Administrative Sciences		10
Izmir Vocational School		**26**
Izmir International Institute of Biomedicine and Genomics		33
Faculty of Architecture		13
Faculty of Engineering		**352**
Necat Hepkon Faculty of Sports Sciences		**18**

Institute of Heath Sciences		**393**
Vocational School for Health Services		**101**
Institute of Social Sciences		47
Medical School		**51**
Torbalı Vocational School		8
Vocational School of Applied Sciences		**6**
Faculty of Tourism		2
Faculty of Veterinary		**3**
TOTAL		**1835**

[6.2] Total number of courses / subjects offered

Total number of courses offered and opened for First Cycle (Bachelor), Second Cycle (Master) and Third Cycle (Ph. D.) degree programs at current is **7368**. The scope and the necessary information for each course is presented at the university web page- Course Catalogue Information Package of DEU.

[6.3] Total number of study program related to sustainability offered

At Dokuz Eylul University, out of a total of 884 academic programs proposed for the 2024–2025 academic year, 510 are directly related to sustainability and aligned with the United Nations Sustainable Development Goals (SDGs). This strong alignment reflects the university's commitment to integrating sustainability principles into its academic structure and contributing to global sustainable development efforts.

Name of the Unit of DEU (& related SDGs)	Program Names
Justice Vocational School 	• Justice
Bergama Vocational School 	• Computer Technology • Construction Equipment Operation • Occupational Health and Safety
Buca Faculty of Education 	• German Language Teaching • Computer and Educational Technologies Teaching • Biology Teaching • Geography Teaching • Educational Sciences • Science Teaching • Physics Teaching • French Teaching • Primary School Mathematics Teaching • Primary Sch. Mathematics Teaching (E.E.) • English Language Teaching (English) • Chemistry Teaching • Mathematics Teaching • Music Teaching • Preschool Teaching • Special Education Teaching • Guidance and Psychological Counseling • Art and Craft Teaching • Classroom Teaching • Social Studies Teaching • History Teaching • Turkish Language and Literature Teaching • Turkish Language Teaching
Faculty of Dentistry 	• Dentistry
Efes Vocational School	• Food Technology • Tourism and Hotel Management

	
Institute of Educational Sciences 	• Family Education and Counseling (2 graduate programs) • Master's Degree in German Language Teaching • Computer and Educational Technologies Teaching • (2 graduate programs) • Biology Teaching (5 graduate programs) • Environmental Education (2 graduate programs) • Geography Teaching (3 graduate programs) • Curriculum and Instruction (6 graduate programs) • Doctorate in Educational Technologies • Master's Degree with Thesis in Educational Administration • Educational Administration and Supervision (5 graduate programs) • Science Teaching (2 graduate programs) • Master's Degree in Science Teaching • Physics Teaching (4 graduate programs) • French Teaching (2 graduate programs) • Primary Mathematics Teaching (3 graduate programs) • English Language Teaching (2 graduate programs) • Chemistry Teaching (4 graduate programs) • Scientific Preparation for Mathematics Teaching (4 graduate programs) • Music Scientific Preparation for Teaching (3 graduate programs) • Preschool Teaching (2 graduate programs) • Special Education (4 graduate programs) • Guidance and Psychological Counseling (3 graduate programs) • Art and Craft Teaching (3 graduate programs)

	• Classroom Teaching (4 graduate programs) • Social Studies Teaching (2 graduate programs) • History Teaching (3 graduate programs) • Turkish Language and Literature Teaching (3 graduate programs) • Turkish Language Teaching (3 graduate programs) • Teaching Turkish as a Foreign Language (2 graduate programs)
Graduate School of Natural and Applied Sciences 	• Computer Science (2 graduate programs) • Computer Engineering (6 graduate programs) • Building Information (2 graduate programs) • Biology (2 graduate programs) • Master's Degree in Biology • Master's Degree in Biomedical Technologies (English) • Biotechnology (3 graduate programs) • Doctorate in Marine Living Resources • Cevher Preparatory Master's Degree • Environmental Engineering (2 graduate programs) • Marine Chemistry (2 graduate programs) • Electrical and Electronics Engineering (3 graduate programs) • Electronics and Communication Engineering (Master's Degree in Turkish) • Industrial Engineering (8 graduate programs) • Energy (3 graduate programs) • Hydraulics - Hydrology and Water Resources (3 graduate programs) • Occupational Health and Safety (3 graduate programs) • Geothermal Energy (2 graduate programs) • Urban Protection Planning (4 graduate programs) • Urban Design (2 graduate programs)

	• Coastal Zone Management (Master's Degree) • Coastal Engineering (2 graduate programs) • Construction and Manufacturing (3 graduate programs) • Theory and Dynamics of Machines (3 graduate programs) • Mechanics (3 graduate programs) • Mechatronics Engineering (3 graduate programs) • Metallurgical and Materials Engineering (5 graduate programs) • Master's Degree in Engineering Management (Non-thesis) • Nanoscience and Nanoengineering (3 graduate programs) • Urban and Regional Planning (6 graduate programs) • Master's Degree in Underwater Archaeology • Textile Engineering (3 graduate programs) • Building Science (2 graduate programs) • Building (3 graduate programs) • Building Materials (3 graduate programs)
Faculty of Science 	• Computer Science • Biology
Faculty of Physical Therapy and Rehabilitation 	• Physical Therapy and Rehabilitation • Physiotherapy and Rehabilitation
Faculty of Nursing 	• Nursing
Faculty of Law	• Law

	
Faculty of Economics and Administrative Sciences 	• Labor Economics and Industrial Relations (2 programs) • Econometrics (2 programs) • Economics (2 programs) • Business Administration (2 programs) • Public Administration (2 programs) • Finance (2 programs) • Management Information Systems
Faculty of Business Administration 	• Economics (English) (2 programs) • Business Administration (English) (2 programs) (2 programs) • Political Science and International Relations (English) (2 programs) • Tourism Management (English) • International Relations (English) (2 programs) • International Business and Trade (English) (2 programs)
Izmir Vocational School 	• Computer Programming (2 programs) • Distance Learning Computer Programming • Computer Technology and Programming • Biomedical Device Technology (2 programs) • Office Management and Secretarial (2 programs) • Office Management and Executive Assistant (2 programs) • Foundry • Electrical (2 programs) • Electronic Communications (2 programs) • Electronic Communications Technology (2 programs) • Electronic Technology (2 programs) • Industrial Electronics (2 programs) • Industrial Automation

	• Air Conditioning and Refrigeration Technology • Construction Technology (2 programs) • Construction Technology (Evening Program) • Machinery (2 programs) • Machinery (Evening Program) • Machinery Drawing and Construction (2 programs) • Machinery, Drawing and Construction (2 programs) • Mechatronics (2 programs) • Mechatronics (Evening Program) • Accounting and Tax Applications (2 programs) • Marketing (2 programs) • Healthcare Institutions Management (2 programs) • Agricultural Management (2 programs) • Textile Technology • Tourism and Hotel Management (2 programs) • Building and Installation Technology • Local Governments (2 programs)
Izmir International Biomedicine and Genome Institute 	• Biomedicine and Health Technologies (2 graduate programs) • Molecular Biology and Genetics (3 graduate programs)
Faculty of Architecture 	• Interior Architecture and Environmental Design • Architecture • Urban and Regional Planning
Faculty of Engineering 	• Computer Engineering (English) • Environmental Engineering • Electrical and Electronic Engineering (English) • Industrial Engineering • Aerospace Engineering • Civil Engineering (2 programs) • Mechanical Engineering (2 programs)

	• Metallurgical and Materials Engineering • Textile Engineering
Health Sciences Institute 	• Anatomy (2 graduate programs) • Physical Education and Sports Doctorate • Biophysics (2 graduate programs) • Biochemistry (2 graduate programs) • Biomechanics (4 graduate programs) • Bioengineering (2 graduate programs) • Surgical Nursing (3 graduate programs) • Pediatric Nursing (2 graduate programs) • Master's Degree in Dental Biomaterials • Master's Degree in Speech and Language Therapy • Obstetrics and Gynecology Disease Nursing (2 graduate programs) • Exercise Physiology (2 graduate programs) • Pharmacology (2 graduate programs) • Physical Therapy and Rehabilitation (3 graduate programs) • Physiology (2 graduate programs) • Master's Degree in Geriatric Physiotherapy • Doctorate in Public Health • Public Health Nursing (4 graduate programs) • Master's Degree in Movement and Exercise Science • Department of Nursing • Fundamentals of Nursing (2 graduate programs) • Nursing Management (3 graduate programs) • Histology - Embryology (2 graduate programs) • Internal Medicine Nursing (2 graduate programs) • Doctorate in Occupational Health • Doctorate in Occupational Health Nursing • Cancer Epidemiology (3 graduate programs) • Cardiopulmonary Physiotherapy and Rehabilitation (2 graduate programs)

	• Doctorate in Musculoskeletal - Tissue Engineering • Doctorate in Clinical Drug Research • Doctorate in Clinical Neuroscience Bachelor's Degree • Master's Degree in Clinical Sleep and Consciousness • Laboratory Animal Science (2 graduate programs) • Master's Degree in Laboratory Medicine • Medical Physics (2 graduate programs) • Medical Informatics Non-Thesis Scientific Preparation (MSc-EP) • Microbiology (2 graduate programs) • Doctorate in Molecular Pathology • Molecular Medicine (3 graduate programs) • Master's Degree in Musculoskeletal Physiotherapy • Master's Degree in Neurological Physiotherapy - Rehabilitation • Audiology (2 graduate programs) • Oncology Nursing (2 graduate programs) • Master's Degree in Orthopedic Physiotherapy • Perfusion Techniques (2 graduate programs) • Master's Degree in Prosthetics - Orthotics • Master's Degree in Psychiatric Nursing (2 graduate programs) • Master's Degree in Radiopharmaceutical Sciences • Master's Degree in Quality Improvement and Accreditation in Healthcare • Master's Degree in Psychosocial Areas in Sports • Basic Oncology (3 graduate programs) program) • Basic Neurosciences (2 graduate programs) • Master's Degree in Basic Sleep and States of Consciousness • Medical Informatics (2 graduate programs)

	• Medical Biology and Genetics (2 graduate programs) • Medical Parasitology (2 graduate programs) • Medical Education (2 graduate programs) • Toxicology (2 graduate programs) • Translational Oncology (4 graduate programs) • Master's Degree in Veterinary Surgery
Health Services Vocational School 	• Oral and Dental Health • Anesthesia • First and Emergency Aid • Nuclear Medicine Techniques • Audiometry • Radiotherapy • Medical Documentation and Secretarial Services • Medical Imaging Techniques • Medical Laboratory Techniques
Institute of Social Sciences 	• Master's Degree in Family Law (Non-thesis) • R&D and Innovation Management (2 graduate programs) • European Union Law (3 graduate programs) • European Studies PhD • Labor Economics and Industrial Relations (2 graduate programs) • Master's Degree (Non-thesis) in Criminal Law (Evening Program) • Maritime Safety, Security, and Environmental Management (3 graduate programs) • Foreign Trade (3 graduate programs) • Econometrics (3 graduate programs) • Economic Law (2 graduate programs) • Master's Degree (Non-thesis) in Industrial Quality Management (Evening Program) • Finance (2 graduate programs) • Master's Degree in Financial Economics and Banking

	• Master's Degree in Gastronomy and Culinary Arts • Master's Degree in Hospital and Healthcare Administration • Economics (3 graduate programs) • Economics in English (2 graduate programs) • Master's Degree in Business Information Systems in English • Master's Degree in Business Administration in English (3 graduate programs) • Master's Degree in Translation and Interpreting in English • Master's Degree in International Relations in English (3 graduate programs) • Human Rights Law (2 graduate programs) • Human Resources (3 graduate programs) • Labor Law and Social Security (Non-thesis Master's Degree) • Occupational Health and Safety (Non-thesis Master's Degree) • Business Administration (3 graduate programs) • Employment and Career Counseling (Non-thesis Master's Degree) • Women's Studies (2 graduate programs) • Women and Family Studies (Doctorate) • Quality Management (3 graduate programs) • Public Law (Doctorate) • Public Law (2 graduate programs) • Public Financial Management and Auditing (Non-thesis Master's Degree) • Public Administration (3 graduate programs) • Clinical Psychology (Master's Degree) • Spiritual Counseling and Guidance (Non-thesis Master's Degree) • Accounting (4 graduate programs) • Marketing (2 graduate programs) • Psychology (2 graduate programs) • International Business (2 graduate programs)

	• International Trade, Finance and Logistics (2 graduate programs) • Production Management and Industrial Management (2 graduate programs) program) • Master's Degree in Data Management and Analysis • Master's Degree in Business Administration for Managers (Non-Thesis) (English) • Master's Degree in Management Science • Management Information Systems (4 graduate programs)
Faculty of Medicine 	• Doctor of Medicine

[6.4] The ratio of sustainability courses to total courses / subjects (ED.1)

The ratio of sustainability courses to total courses / subjects is 24,9 %.

[6.5] Total research funds dedicated to sustainability research (in US Dollars)

The average annum last 3 years of research fund dedic*ated to sustainability research is 18.430.848 US Dollars.

Sustainability themed Projects in 2022-2023-2024	
Project Type	**Budget ($)**
Projects Supported by Own Revenues including BAP and ADEP Projects	19.791.305
European Union Projects	30.108.660
Externally Funded Projects including projects supported by the Scientific and Technological Research Council of Turkey	5.392.579
TOTAL	**55.292.545**
Average of 3 years	**18.430.848**

[6.6] Total research funds (in US Dollars)

The averaged annum last 3 years of total research fund is 35.759.203 US Dollars.

Research Funds of DEU	
Year	**Budget ($)**
2022	16.130.794
2023	69.168.400
2024	21.978.416
TOTAL ($)	**107.277.610**
Average of 3 years ($)	**35.759.203**

[6.7] The ratio of sustainability reseach funding to total research funding (ED.2) ,

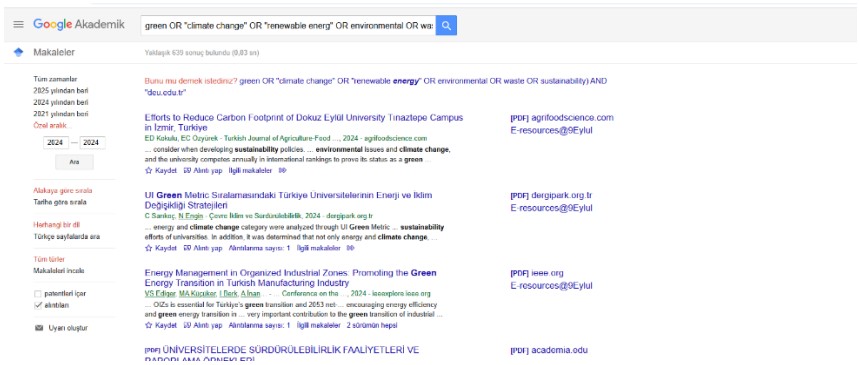
The ratio of sustainability reseach funding to total research funding is 51,6 %.

[6.8] Number of lecturers and researchers on campus in one year period

According to the 2024 Administrative Activity Report of Dokuz Eylul University, a total of **2805 academic** staff members are employed at the institution, including 862 professors, 453 associate professors, 433 assistant professors, 493 lecturers, and 564 research assistants.

[6.9] Number of scholarly publications on sustainability

The average number of indexed publications (Google Scholar) on environment and sustainability published annually over the last year by using keywords of “green OR "climate change" OR "renewable energ" OR environmental OR waste OR sustainability) AND "deu.edu.tr" is viewed as 639.



[6.10] Ratio of scholarly publications on sustainabilty to lectureres and researchers on campus in one year period (ED3)

The average number of indexed publications (Google Scholar) on environment and sustainability published annually over the last year is viewed as 639**.** Since the academic personnel number is 2805, the raitio equals to 0,23.

[6.11] Number of events related to sustainability (ED.4)

The events related to environment and sustainability hosted or organized by Dokuz Eylül University in the academic years 2022-2023 and 2023-2024; 2024-2025 are as follows:

2022-2023: 226
2023-2024: 84
2024-2025: 180

A total average per annum over the last 3 years is 163 **events** (e.g. conferences, workshops, awareness raising, practical training, etc.).

[6.12] Number of activities organized by student organizations related to sustainability per year (ED.5)

Within Dokuz Eylul University, there are 141 student communities actively engaged in enhancing students' social, cultural, scientific, and environmental awareness. These communities operate in diverse fields such as environment, energy, gender equality, health, culture, sports, and technology. Over the past year, student communities directly related to sustainability have organized a total of **82 activities**. These activities aimed to raise awareness on issues such as environmental protection, waste management, energy efficiency, gender equality, and social responsibility, thereby supporting the university's commitment to the Sustainable Development Goals (SDGs).

Activities organized by student organizations related to activity in September 2024-June 2025

Date	Name of the Society	Type	Content of the activity
11/21.03.2025	Emsa Student Society	Operating Room Observation	Operating Room observation
01/20.05.2024		Workshop	Promotional Booth
26.04.2024	Volunteers Student Society	Documentary Viewing	Watching a Nature-Themed Documentary and Raising Awareness by Discussing It
29.03.2024		Information Meeting and	How Things Work, Part 2: Pediatric Hematology with Prof. Dr. Özlem TÜFEKÇİ

		Hospital Tour	
28.01.2024	Children's Rights Student Society	Training	Human Rights Violation in Girls
21.03.2024	Business Administration Student Community (BCLUB)	Training	Conflict Resolution Training Topics such as communication with the Red Crescent and solution-focused communication
6.02.2025	Stem Cell Student Community	Training	Operating Room Days Prof. Dr. Tarkan ÜNEK
18.02.2025		Training	Operating Room Days Prof. Dr. Aydın ŞANLI
8.05.2025		Training	Operating Room Days
11/12.01.2025	Community Volunteers Student Community	Training	Key Training: Personal Development, Social Responsibility, Scientist
2/7.01.2025	Computer Science and Artificial Intelligence Student Society	Activity	Educational Event
25.10.2024	Children's Activities Student Society	Activity	Hospital Decoration Event
21.05.2025	Student Community of Learners and Teachers in the Age of Innovative Technology	Activity	Let's Shape the Future Together: Meeting with the Community of Learners and Teachers in the Age of Innovative Technology with Mehmet Ateş.
5.12.2024		Activity	Operating Room Observation as part of "Operating Room Days"
21.03.2025		Activity	Operating Room Days
2.10.2024	Architecture Student Society	Activity	Hello to 2024 DEU Architecture Meeting Event
8/18.03.2024	Engineering Activity and Coordination Student Society	Activity	Revival of Athens' Myths IMW Event - Mustafa DURMUŞ/Buse BATAN
11-13.10.2024		Activity	The IMW Kranjska Gora event. Sude Selin Sagun, Buse Batan,
26.03/08.04.2025		Activity	Reach For The Stars IMW event. Ece Ovayurt, Meltem Polat, Almila Duran, Fatıma Tul Zehra
6-11.04.2025		Activity	EESTEC LC Istanbul "Credit 5.0"
25.04.2025-04.05.2025		Activity	How I Met Your Hacker Student: Murat Furkan ŞEN
5/6.05.2025		Activity	SSA Soft Skill Academy Event
8/12.05.2025		Activity	"Spring Congress 2025" Yağmur Atasoy
11/19.05.2025		Activity	D.E.B.U.G WORKSHOP Event - Yasin Şahin
12/23.05.2025		Activity	LC Milan's IMW Event - Efe Halit Çağan, Ali Veral, Taha Eren Bülbül, Doruk Şahin.
6.03.2024	Management Information Systems Student Community	Activity	A Women's Day-themed event with the participation of Ahu Bade ÖZKAN, CEO of Hiring Cycle and Board Member of the Women Entrepreneurs Association.
22.23.24/04/2024	Cultural Diplomacy	Activity	Law International Week

10.05.2024	and Cooperation Student Community	Nursing Home Visit	Raising awareness by taking blood pressure measurements at a nursing home as part of "Elderly Week."
13.03.2024		Career Talk	+1 in Career with DEGT - Career Planning Expert Conversation
14.05.2025	Scientific Research Student Society DEBAT	Online Seminar	Foundations of Mental Health in Childhood with the participation of Prof. Dr. Yankı Yazgan.
5.03.2024		Origami Event	Layers of Fun Origami Event
23.10.2024	Mechanical Engineering Student Community	Award Ceremony	İYTE Future of Automotive Design Competition
20.03.2024	Human Rights Student Community	Panel	Law, Ethics, and Morality
10/11.03.2025	Medical Students Association Student Community (EMSA) - Children's Activities Student Community (DEÇET)	Fieldwork	Prof. Dr. Muhammet ÖZEKES
7-21.09.2024	Solaris Solar Cars Team	Sasol Solar Challenge 2024	Earthquake Awareness: Psychological Dimensions
18/20.08.2025		Seminar	National Field Study
30.03.2025	Econometrics Student Society	Seminar	Sasol Solar Challenge 2024
29.04.2025	Econometrics Student Society	Seminar	Healthy Life
9.12.2024	Young Red Crescent Student Society	Seminar	First Aid Awareness Seminar with Red Crescent First Aid Director Arzu KARA
18.03.2025		Seminar	Basic Addiction Training
4.03.2024	Young Green Crescent Student Society	Seminar	Technology Addiction and Breathing Exercise Seminar
25.04.2025		Seminar	Psychological Counselor Ümmügülsüm AKGÜN on the Edge of Life
7.03.2024		Seminar	Human Rights Awareness Training Seminar / Assoc. Prof. Dr. Oğuz ŞİMŞEK, Dr. Tijen Dündan SEZER, Dr. Türker ERTAŞ, Dr. Pınar BACAKSIZ, and Res. Asst. Nimet YAĞCI
30.04.2025	Cultural and Natural Heritage Protection Student Community	Seminar	TÜBİTAK 2209-A Student Projects: Application Process
7.05.2025		Seminar	TÜBİTAK 2209-A Student Projects: How Did I Succeed?
13.05.2025	Benefit for Children with Leukemia Student Community	Seminar	Alper TÜREDİ, Founder of the Bildileğim Var Association: "When was the Last Time You Made Children Happy?"
14.03.2025	Finance Student Community	Seminar	Youth Sports Activities
5.02.2024		Seminar	KPSS Preparation Process with Ufuk OĞUR and Cihan GEDİK
24/27.02.2025		Seminar	7th IT Sprint
20.12.2024	Artificial Intelligence	Seminar	Robotic Process Automation and Artificial

	Student Community		Intelligence
7.04.2025		Symposium	Pediatric Cases Day
10.05.2025		Symposium	Sleep Symposium
22.03.2025		Symposium	The Pulse of the Emergency: A Journey to the Most Critical Field of Medicine
9/10.03.2024	Medical Students Association Student Community (TurkMsıc)	Symposium	MEDICINE IN THE 4TH DIMENSION: FROM HEALER OF THE PAST TO FUTURE DOCTORS
18.10.2024	European Medical Students' Association (EMSA)	Social Responsibility Project	Vaccination Protects and Lives Informational Booth
5.10.2024	Biodiversity and Environment Student Society	Social Responsibility Project	Exploring Biodiversity and Birdwatching
18.11.2024/20.06.2025	Children's Activities Student Society	Social Responsibility Project	After Leyla Pediatric Oncology, Visit to Children's Hospital
1.03.2024		Social Responsibility Project	Technology Addiction
3.03.2024		Social Responsibility Project	Movement for Health, Bicycles for Movement
8.12.2024		Social Responsibility Project	Food Distribution
25.05.2025		Social Responsibility Project	Breakfast Event with People with Down Syndrome
2024-2025 Eğtim-Öğretim Yılı Boyunca		Social Responsibility Project	SPARKLING Project Support for Disabled Families, Financially Insufficient Families, and Children with Special Needs.
17.03.2024		Social Responsibility Project	Spending Time with Our Little Friends
17.03.2025	Volunteers Society	Social Responsibility Project	Book Reading Project
21.03.2025		Social Responsibility Project	Technical Trip to PAKO Animal Shelter
23.04.2024		Social Responsibility Project	Rainbow Project "Gift Distribution to Children"
30.04.2024		Social Responsibility Project	Conference "Teaching, Volunteering, and Awareness"
25.04.2024	Volunteers Student Society	Social Responsibility Project	Visit to Buca Nursing Home

12.04.2025	Social Responsibility Student Society	Social Responsibility Project	Amugurimi with Children with Leukemia
23.04.2025	Social Responsibility Student Society	Social Responsibility Project	April 23 Village School The festival
21.03.2024-30.06.2024	Psychological Counseling and Guidance Student Society (PDR) and Dese Psychology	Social Responsibility Project	Bullying in Children
22.04.2024		Social Responsibility Project	April 23rd Festival - Children's Hospital decoration, information stand
6.11.2024		Meeting	TÜBİTAK 2209-A Student Projects
23/24/25.05.2025		Meeting	HACKATOPIA Event
29.03/11.04.2024		nternational Event	6th Brand.Comm event - Meltem POLAT
19/29.04.2024		International Event	AI Experts event - Tuğba Erim
28.03.2024	Mathematics and Education Student Community (MATHED)	Video Game	Trivia Night
21.04.2025	Scientific Research Student Society (DEBAT)	Webinar	Methodical Applications of Cognitive Behavioral Therapy in the Clinical Context with the participation of Specialist Psychologist Sibel Kaletaş.
21.01.2025		Webinar	Multiple Personality Disorder / Prof. Dr. Vedat ŞAR
7/10.05.2025	Construction Student Community	Building Days	Building Days 25
4/10.03.2024	Volunteers Student Society	Yapıcıoğlu Primary School Library Renovation	Yapıcıoğlu Primary School Library Renovation

[6.13] University-run sustainability website(ED.6)

In DEU, University-runsustainabilitywebsite is available, accessible, and updated regularly.

[6.14] Sustainability website address (URL) if available

https://greencampus.deu.edu.tr/

[6.15] Sustainability report (ED.7)

The sustainability report is accessible and published annually. Dokuz Eylul University prepares and publishes a Sustainability Report on its website annually. The Sustainability Report is prepared in accordance with Greenmetrics indicators.

[6.16] Sustainability report link address(URL) if available

https://greencampus.deu.edu.tr/about-sustainability/deu-sustainability-report/

[6.17] Number of cultural activities on campus (ED.8)

Dokuz Eylül University hosts dozens of social and cultural activities on its campuses every year (More than 10 organizations). Some of them are as follows:

- On 25 July 2024, the Preference Fair was organized as part of the university's promotion and preference activities.
- On 22 October 2024, the "Welcome to DEU Meeting" was held to mark the opening of the 2024–2025 Academic Year, accompanied by the "Welcome Parade" march.
- On 11 November 2024, the International Students' Day Event took place.
- On 9 January 2025, the documentary screening titled "If the Mansions Could Talk" was presented.
- On 7 February 2025, a Turkish Classical Music concert titled "Misunderstood Folk Songs" was performed.
- On 19 February 2025, the film screening "Bergama Carpets" was held.
- On 22 February 2025, the national mixed exhibition "Izmir Fashion Film Days" took place.
- On 22 May 2025, the Student Spring Festivals were organized within the framework of spring celebrations.
- On 10 September 2025, the Orientation Walk was conducted.
- On the same date, orientation events for 51 Erasmus+ students from 13 countries were organized as part of the international student programs.
- Between 25 and 27 September 2025, the "Science and Technology Festival in the Footsteps of Twin Transformation" was organized.
- On 8 October 2025, the Main Campus Parade Stand Concert was held.
- On 10 October 2025, the "Welcome to DEU Meeting" was hosted at the Central Campus Amphitheater, featuring stands, folk dance performances, and concerts.
- The 7th Art Fair, organized by the Faculty of Fine Arts, showcased students' works in art and design at the UniversityPark Student Activity Center.
- The UFEST Youth Festival, organized by the Turkish Ministry of Transport and Infrastructure, was hosted by Dokuz Eylul University.
- The TEKNOFEST 2025 Aviation, Space and Technology Festival was held, during which Dokuz Eylul University achieved first place in the Vertical Landing Rocket Competition and received six medals at the ISIF'25 International Invention Fair.




Welcome meeting for DEU


Concert of Spring Festival of DEU

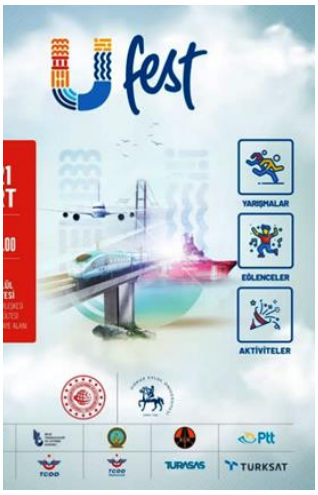
International Students Day for all

Sports Days for DEU and Public

Fine Arts Fair veya Art Fair organized by the Faculty of Fine Arts

Community-Inclusive Education Modeling Project

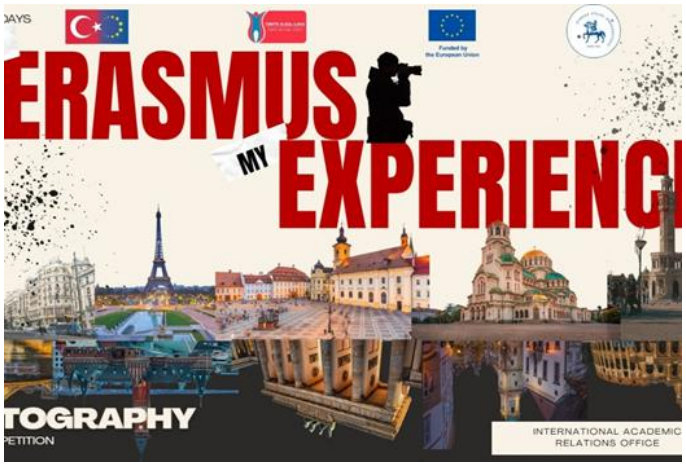

Movie Days by DEU

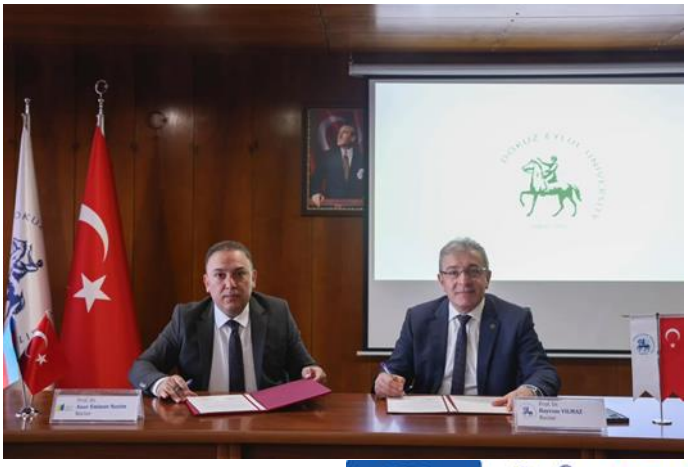


Posters for UFEST 2025 and 6th Environmental Days

[6.18] Number of university sustainability program (s) with international collaborations (ED.9)

The International Academic Relations Coordination Office (previously named as Office of International Relations at Dokuz Eylul University) is responsible for advancing the university's internationalization strategy and fostering global cooperation in education and research. The office coordinates student and staff mobility through programs such as Erasmus+, Mevlana, and Orhun, and currently maintains 97 active bilateral cooperation agreements with partner universities in more than 28 countries. In the past year, Dokuz Eylul University concluded 19 new bilateral international cooperation agreements with partner institutions.In addition, it manages the processes of international visitors, oversees Memoranda of Understanding (MoUs), and facilitates joint academic projects and exchange programs. Through these activities, IAKO enhances DEU's global visibility, strengthens intercultural dialogue, and contributes to the university's commitment to academic excellence and sustainable international collaboration.





Images Related to the International Academic Relations Coordination Office

Bilateral Cooperation Agreements Concluded in the Past Year

Faculty	University	Country	Agreement Signing Date
Rectorate	Sichuan University	China	28.10.2024
Heart Rhythm Management Centre	Semmelweis University	Hungary	21.02.2025
Faculty of Letters **Faculty of Engineering**	Floransa University	Italy	21.02.2025
Faculty of Veterinary Medicine	Kagoshima University	Japan	21.02.2025
Faculty of Education **Faculty of Letters** **Faculty of Science** **Faculty of Law**	Abai Kazakh National Pedagogical University	Kazakhstan	21.02.2025
Faculty of Architecture	University of Guelma 8 May 1945	Algeria	28.05.2025
Faculty of Economics and Administrative Sciences	Hdba University of Applied Labour Studies	Germany	28.05.2025
Faculty of Letters	Akhmet Baitursynuly Kostanay Regional University	Kazakhstan	28.05.2025
Faculty of Divinity	Krygyz-Turkish Manas University	Kyrgyz	28.05.2025
Faculty of Divinity	Urgenc State University	Uzbekistan	28.05.2025
Faculty of Law **Faculty of Economics and Administrative Sciences** **Faculty of Science** **Grdaduate School of Social Sciences** **The Graduate School of Natural and Applied Science** **Faculty of Engineering** **Faculty of Letters** **Buca Faculty of Education**	Baku State University	Azerbaijan	27.06.2025
Faculty of Divinity	Azerbaijan Institute of Theology	Azerbaijan	27.06.2025
Faculty of Business	European Neighborhood Council (ENC)	Belgium	27.06.2025
Institute of Marine Science and Technology	Bangladesh University of Engineering and Technology	Bangladesh	3.07.2025
Faculty of Architecture	MARA University of Technology	Malaysia	13.08.2025
Faculty of Tourism	Yacambú University	Venezuela	5.09.2025
Faculty of Sciences	Institut de Ciències Fotòniques	Spain	30.09.2025
Faculty of Dentistry	YONSEI University	S. Korea	30.09.2025

Institute of Educational Sciences **Graduate School of Social Sciences** **The Graduate School of Natural and Applied Science** **Faculty of Sciences** **Buca Faculty of Education**	Mingachevir State University	Azerbaijan	13.10.2025

[6.19] Number of sustainability community services project organized by and/or involving students (ED.10)

DEÜ has projects that are planned by students or involving students, and the table mentioned above shows the projects that are ongoing in 2024 and 2025. There are 21 registered projects in which students actively participate in social projects are listed in the table above.

Some visuals from the community services projects

Sustainable community services projects organized of involved by students

Date	Student Community	Event
8.12.2024	Volunteer Student Society	Pet food distribution event
10.01.2025	Geophysics Student Society	AFAD Volunteer Training
17.03.2025	Volunteer Society	Book Reading Project
21.03.2025	Volunteer Society	Technical Visit to PAKO Animal Shelter
12.04.2025	Social Responsibility Student Society	Amugurimi with Children with Leukemia
4.05.2025	Folklore Research Student Society	Folk Dance Performance at an event organized by Lösev
5/09.05.2025	Geophysics Student Society	AFAD VOLUNTEER TRAINING
25.05.2025	Volunteer Student Society	Breakfast Event with People with Down Syndrome
18.11.2024/20.06.2025	Children's Activities Student Society	After Leyla Pediatric Oncology, Visit to Children's Hospital
23.04.2025	Social Responsibility Student Society	23 Nisan Nstional Day Village School Festival
3.03.2024	Young Green Crescent Student Society	Movement for Health, Bicycle for Movement
5.10.2024	Biodiversity and Environment Student Society	Exploring Biodiversity and Bird Watching
1.03.2024	Young Red Crescent Student Society	Technology Addiction
21.03.2024-30.06.2024	Psychological Counseling and Guidance Student Society (PDR) and Dese Psychology	Bullying in Children
22.04.2024	Medical Students' Association Student Society (EMSA) & Children's Activities Student Society (DEÇET)	April 23 Festival - Decoration of Children's Hospital, Information Booth
23.04.2024	Volunteer Society	Rainbow Project "Gift Distribution to Children"
25.04.2024	Volunteer Society	Visit to Buca Nursing Home
30.04.2024	Volunteer Society	Conference "Teaching, Volunteering, and Awareness"
18.10.2024	European Medical Students' Association (EMSA)	Vaccination Protects and Lives Informational Booth

Throughout the 2024–2025 Academic Year	Volunteer Student Society	KIVILCIM Project Support for families with disabilities, financially disadvantaged families, and children with special needs.
17.03.2024	Volunteer Student Society	We spend time with our little friends.

[6.20] Number of sustainability-related startups (ED.11)

Dokuz Eylul University Technopark – DEPARK, established in 2013 as Turkey's first health-themed technopark, plays a strategic role in the innovation ecosystem of İzmir and the Aegean Region. Operating across multiple DEU campuses, DEPARK hosts over 150 R&D companies and 2,000 researchers in sectors such as health, software, engineering, and energy. With more than 1,100 completed R&D projects and 2,000 innovative products, it generates over 1.25 billion TRY in annual R&D revenue, contributing to regional and national development. DEPARK continues to expand its infrastructure, foster entrepreneurship, and promote sustainable growth through strong industry–academia collaboration. In the past year, 18 new start-ups have joined the DEPARK ecosystem, further strengthening its innovative capacity.

Company Name (Startup)	Sector	Foundation Date
AI4VISION HEALTH TECHNOLOGIES JOINT STOCK COMPANY	Software	05.08.2025
ACADEMIC SURGICAL HEALTH TECHNOLOGIES EDUCATION AND CONSULTANCY LIMITED COMPANY	Healthcare	01.06.2025
ALCANEX SOFTWARE AND TECHNOLOGY JOINT STOCK COMPANY	Software	17.09.2025
AYLARA POWER SOLUTIONS JOINT STOCK COMPANY	Electronics	15.01.2025
BroadSight Medical Supplies and Technology LTD.	Healthcare	01.07.2025
DOJONODE SOFTWARE HARDWARE COMPUTER SYSTEMS CONSULTANCY INDUSTRY AND TRADE JOINT STOCK COMPANY	Software	22.08.2025
DRAMA SOFTWARE SERVICES JOINT STOCK COMPANY	Software	12.05.2025
CAREER PUSULAM SOFTWARE AND CONSULTANCY LIMITED COMPANY	Information and Communication Technologies	16.01.2025

MADPOLY GAMES GAME ANIMATION SOFTWARE AND INFORMATION TECHNOLOGIES TRADE JOINT STOCK COMPANY COMPANY	Information and Communication Technologies	21.01.2025
MEGALITH ENGINEERING JOINT STOCK COMPANY	Engineering and Architectural Activities	06.01.2025
META TECHNOLOGY SOFTWARE AUTOMATION INDUSTRY AND TRADE JOINT STOCK COMPANY	Aviation Industry	01.09.2025
Ninova Game Software and Marketing Inc.	Software	16.06.2025
ORTHOPLANZ HEALTH SERVICES INDUSTRY AND TRADE JOINT STOCK COMPANY	Healthcare	21.01.2025
Patron Technology Joint Stock Company	Software	21.07.2025
SMARTOCEANICS MARINE TECHNOLOGIES JOINT STOCK COMPANY	Maritime	15.09.2025
SNACK GAMES GAME SOFTWARE LIMITED COMPANY	Software	29.05.2025
SOFTWICE SOFTWARE ELECTRICAL ELECTRONICS MACHINERY CONSTRUCTION ENGINEERING ARCHITECTURE R&D INDUSTRY AND TRADE INC.	Software	09.09.2025
TIME REACTOR ARTIFICIAL INTELLIGENCE SYSTEMS JOINT STOCK COMPANY	Information and Communication Technologies	11.11.2024

[6.21] Total number of graduates with green jobs (for the last 3 years)

Dokuz Eylul University distinguishes itself through its comprehensive academic and research capacity. The university encompasses 18 faculties, 10 institutes, 1 state conservatory, 2 schools, and 6 vocational schools, offering a broad and interdisciplinary educational environment. Over the past three years, 31,886 students have graduated, many of whom have specialized in key fields addressing today's global challenges such as environmental management, climate change, renewable energy, sustainable agriculture, energy efficiency, water management, green transportation, sustainable architecture, biotechnology, and carbon management.

According to data provided by the Career Planning and Alumni Relations Coordination Office, the employment statistics of DEU graduates in green jobs have been analyzed by program and graduation year. Over the last three years, 2003 graduates have been employed in sustainability-related professions, reflecting the university's strong contribution to environmental responsibility and the growing importance of its alumni in shaping a sustainable future.

DEU Unit	Program Name	# of Graduates		
		2023	2024	2025
Bergama Vocational School	Occupational Health and Safety	24	25	24
Maritime Faculty	Maritime Transportation Engineering (English)	72	74	88
	Maritime Business Management (English)	70	59	60
Efes Vocational School	Food Technology	14	19	9
	Cultural Heritage and Tourism	11	9	3
Institute of Educational Sciences	Master's in Environmental Education	5	3	2
Graduate School of Natural and Applied Sciences	Masters's in Biochemistry	3	1	0
	Master's in Biology	10	7	6
	PhD in Biotechnology	1	1	1
	Master's in Biotechnology	4	5	2
	PhD in Living Marine Resources	3	1	0
	MSc. in Living Marine Resources"	1	1	2
	PhD in Energy	6	0	0
	MSc. in Energy	1	1	0
	PhD in Hydraulic Engineering, Hydrology, and Water Resources	4	2	1
	MSc. in Hydraulic Engineering, Hydrology, and Water Resources	1	5	0
	PhD in Chemistry	2	4	0
	MSc. in Chemistry	4	5	5
	PhD in Transportation	1	1	2
	MSc. in Transportation	4	2	2
	PhD in Environmental Engineering	4	3	0
	PhD in Occupational Health and Safety	3	1	2
	MSc. in Occupational Health and Safety (without thesis)	2	2	2
	MSc. in Occupational Health and Safety	5	8	3
	PhD in Urban and Regional Planning	1	2	3
	MSc. in Urban and Regional Planning	1	6	1
Faculty of Science	Biology	12	32	26
	Chemistry	57	88	39

FAculty of Architecture	Urban and Regional Planning	81	56	81
Faculty of Engineering	Environmental Engineering	65	65	43
	Civil Engineering	57	72	55
	Civil Engineering (Evening program)	61	76	41
Institute of Health Sciences	MSC. in Biochemistry	3	1	0
Institute of Social Sciences	PhD in Maritime Safety, Security, and Environmental Management	1	5	1
	MSc in Maritime Safety, Security, and Environmental Management	3	5	0
Torbalı Vocational School	Mining Technology	18	15	10
	Drilling Technology	15	7	9
İzmir Vocational School	Chemical Technology	42	30	33
	Chemical Technology (Evening Program)	23	31	22

[6.22] Total number of graduates (for the last 3 years)

In recent years, Dokuz Eylul University has continued to demonstrate strong academic performance and steady growth in student graduation rates. In 2023, the university graduated 9.899 students, followed by 10.204 graduates in 2024, and 8.682 graduates in 2025. Altogether, this amounts to a total of 28.785 graduates over the last three years.

[6.23] Percetage of number of graduates with green jobs (for the last 3 years (ED.12)

According to data provided by the **Student Affairs Department**, a total of **2003 graduates** from Dokuz Eylul University have been employed in **green jobs** over the past three years. During the same period, the university has produced **28.785 graduates** in total. Based on these figures, it is calculated that **approximately 6,96%** of all DEU graduates have entered employment related to **sustainability and environmentally responsible sectors**.

[6.24] Availability of units or offices that coordinate or are related to sustainability (ED13)

At Dokuz Eylul University, the Sustainability Office, the Zero Waste and Environmental Management Coordination, the Institutional Data Management Coordination, and the Strategy Development Department work together to strengthen the University's sustainability structure and ensure effective environmental governance.

The Sustainability Office of DEU coordinates activities related to land use, energy, waste and water management, transportation, education, and research, ensuring that all sustainability practices are properly monitored and continuously improved. The Zero Waste and Environmental Management Coordination of DEU manages waste processes across all campuses, provides zero-waste awareness and training programs, and ensures compliance with national waste management regulations. The Institutional Data Management

Coordination supports data-based decision-making by collecting and analyzing institutional data on education, research, and social contribution, ensuring consistency within the quality assurance framework. The Strategy Development Department plays a vital role in linking sustainability goals with institutional planning, budgeting, and performance monitoring, ensuring that sustainable principles are embedded in all strategic processes. At the same time, other university units actively contribute to sustainability through their academic, administrative, and operational activities, fostering a culture of environmental responsibility across the institution.

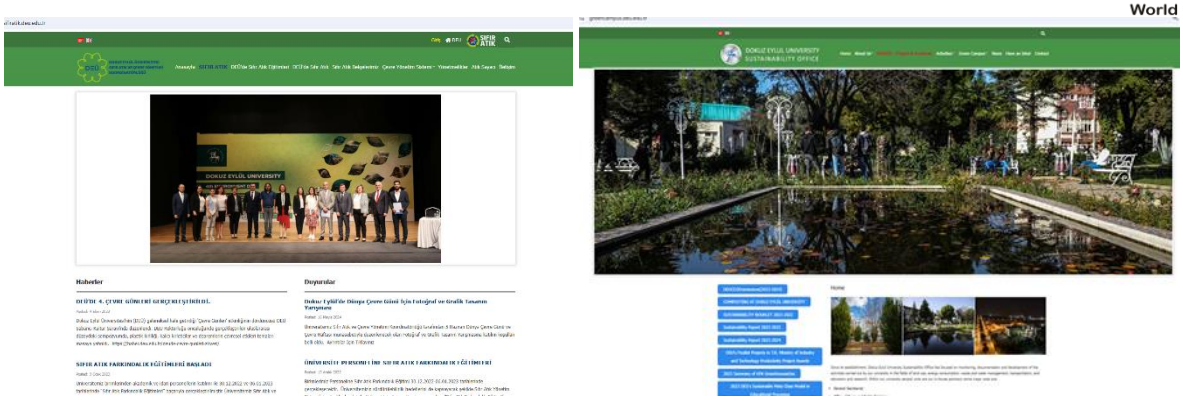
Moreover, the university's senior management, in collaboration with these units, regularly participates in international forums and conferences on sustainability, remaining open to innovation, development, and continuous improvement in all areas related to the University's sustainable growth.



Office rooms of Sustainability Office and Zero Waste



Visuals from the joint work of the Sustainability Office, Institutional Data Coordination, Strategy Development Department, Zero Waste and Environmental Management Coordination, and Institutional Data Coordination



Web pages of the related offices

Contribution to THE Global Sustainable Development Congress and THE Eurasia Universities Summit

[6.25] Planning, implementation, monitoring and/or evaluation of university governance through the utilization of Information and Communication Technology (ICT) (ED14)

Dokuz Eylul University employs a comprehensive set of integrated digital systems to enhance sustainability, data management, and institutional efficiency.

The AVESIS system serves as the university's most extensive and data-rich platform, recording, analyzing, and reporting academic activities at institutional, faculty, departmental, and individual levels. Managed by the Institutional Data Coordination, it provides in-depth access to performance metrics and supports data-driven decision-making, quality assurance, and strategic planning across all academic units.

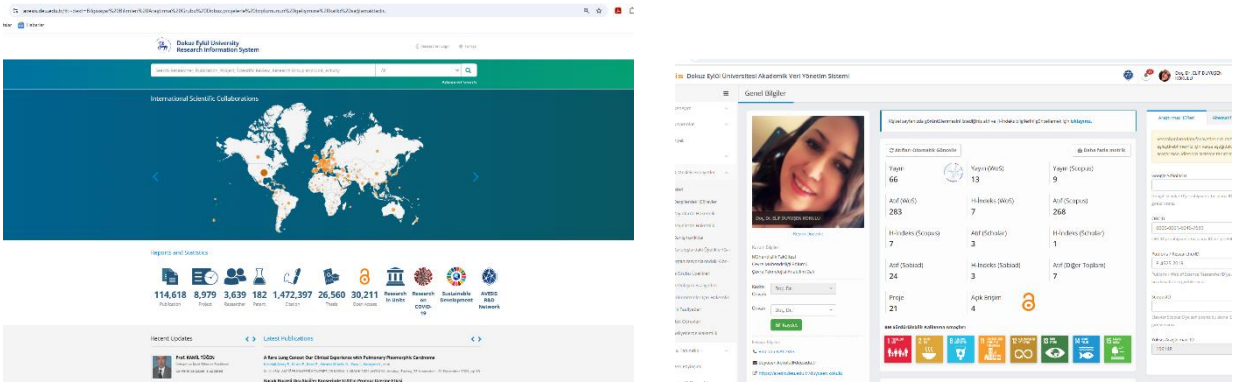
The BAPSİS (BAP Information System) manages all stages of university-funded and externally supported research projects—from application and evaluation to completion—ensuring transparency, efficiency, and traceability throughout the research process.

The Belgenet System ensures that all internal correspondence is carried out digitally and systematically, improving documentation and coordination among administrative and academic units.

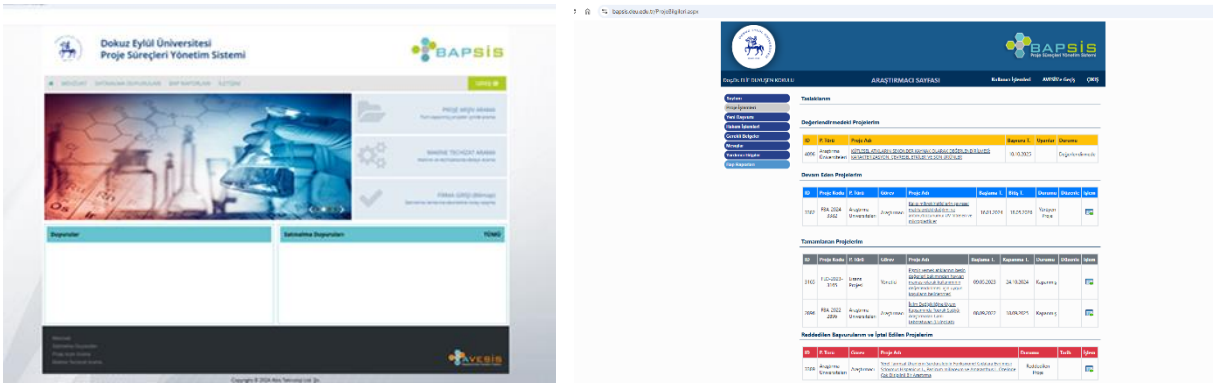
Across all faculties, Internship Management Panels are used to track students' internship activities. These panels store detailed records of each student's internship location, duration, and assigned responsibilities, ensuring accurate monitoring and institutional reporting.

Additionally, all grades and academic records at Dokuz Eylul University are managed through a unified Oracle-based system, which centralizes and secures data on a single platform. This integration guarantees consistency, accessibility, and reliability in academic record management.

All these numerous programs have been implemented, evaluated, and are currently revised.

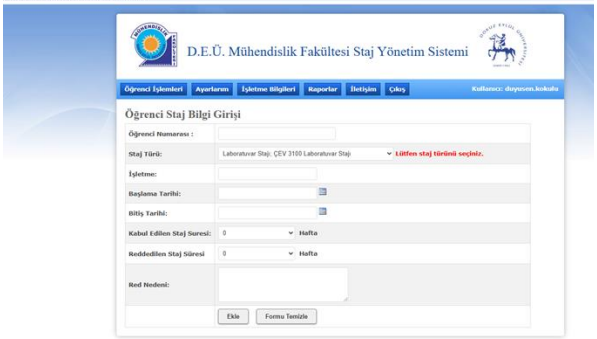


Dokuz Eylul University Researcher Information System AVESİS login page (for users only)

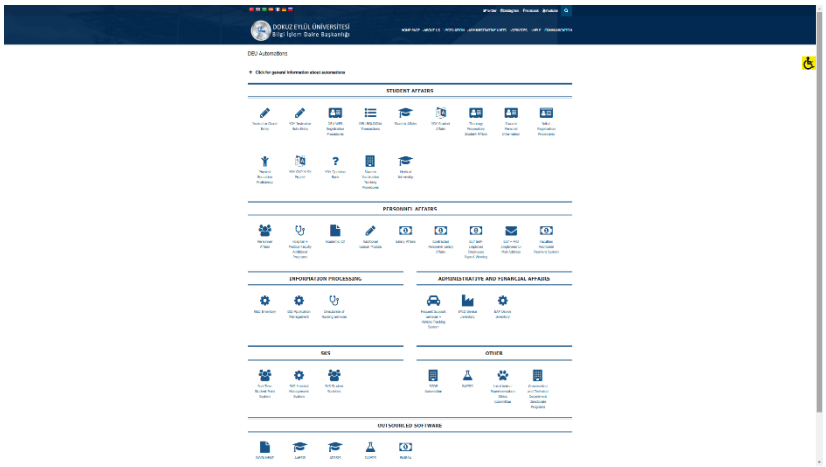


Dokuz Eylul University Project Processes Management System Login Page

Corporate Internal Correspondence Belgenet Login Page



Internship Management Panel for Faculty of Engineering



DEU Automations used for various purposes

[6.26] Impact of Education and Research programs in supporting the Sustainable development Goals (SDGs)

Dokuz Eylul University (DEU) has established a comprehensive digital ecosystem through platforms such as AVESIS, BAPSİS, Belgenet, Internship Management Panels, Oracle-Based Academic Systems, and various Automation Projects used for Education and Research programs. They reflect high impact. The impacts of them on SDGs include:

SDG 3 – Good Health and Well-Being

The integration of Oracle-based systems and digital infrastructure ensures accurate record-keeping for health sciences programs, hospital staff, and training activities. These systems also support environmental health research by providing reliable data management for studies on pollution, waste reduction, and occupational safety — enhancing both human and environmental well-being.

SDG 4 – Quality Education

All digital systems, particularly AVESIS, Internship Management Panels, and Oracle, reinforce DEU's commitment to high-quality, inclusive, and data-driven education. AVESIS allows detailed tracking of academic achievements, publications, and research outputs. Internship Management Panels ensure that every student's practical learning experiences are recorded, evaluated, and aligned with curriculum outcomes. The Oracle system guarantees fair, transparent grading and equal access to academic data.

SDG 5 – Gender Equality

Digital platforms such as AVESIS and Belgenet support equal participation by ensuring that all staff have equal access to institutional systems regardless of gender. Transparent data monitoring on academic achievements and research participation also helps identify and address gender imbalances in academia.

SDG 7 – Affordable and Clean Energy

Through the automation and digitalization of administrative processes, DEU reduces electricity and paper consumption associated with traditional manual systems. Belgenet alone has significantly lowered printing demand, indirectly contributing to reduced energy use and supporting energy-efficient institutional operations.

SDG 8 – Decent Work and Economic Growth

The digital ecosystem creates new fields of professional development within the university — including data management, software maintenance, and digital system administration. Moreover, the Internship Panels facilitate strong partnerships with the private sector, ensuring that students gain employability skills and real-world experience, aligning education with sustainable economic growth.

SDG 9 – Industry, Innovation, and Infrastructure

DEU's Information Technology Department leads in designing and maintaining digital infrastructures such as AVESIS, BAPSİS, and Oracle-based systems, reflecting the University's role as an innovation hub in higher education. These systems promote a culture of technological advancement and strengthen the digital backbone of the institution.

SDG 10 – Reduced Inequalities

Equal access to all digital platforms ensures that academic and administrative processes are standardized across all faculties, campuses, and departments. The centralized systems prevent data discrimination, allowing fair opportunities for students and staff, regardless of their location or status within the university

SDG 12 – Responsible Consumption and Production

The Belgenet and automation systems have replaced nearly all paper-based communication and documentation with digital processes. This transition dramatically reduces material use, energy consumption, and waste generation, embodying responsible resource consumption principles across the university.

SDG 16 – Peace, Justice, and Strong Institutions

Digital systems such as AVESIS, BAPSİS, Oracle, and Belgenet reinforce transparency, accountability, and good governance. They ensure that institutional decisions are data-driven, auditable, and traceable, enhancing ethical management and trust across the university community.

SDG 17 – Partnerships for the Goals

The integration of DEU's systems enables cooperation with national and international research networks, government institutions, and private sector partners. BAPSİS and AVESIS facilitate collaboration through shared project databases, allowing DEU to contribute to global sustainability partnerships and knowledge