

MERSİN UNIVERSITY SUSTAINABILITY REPORT 2025



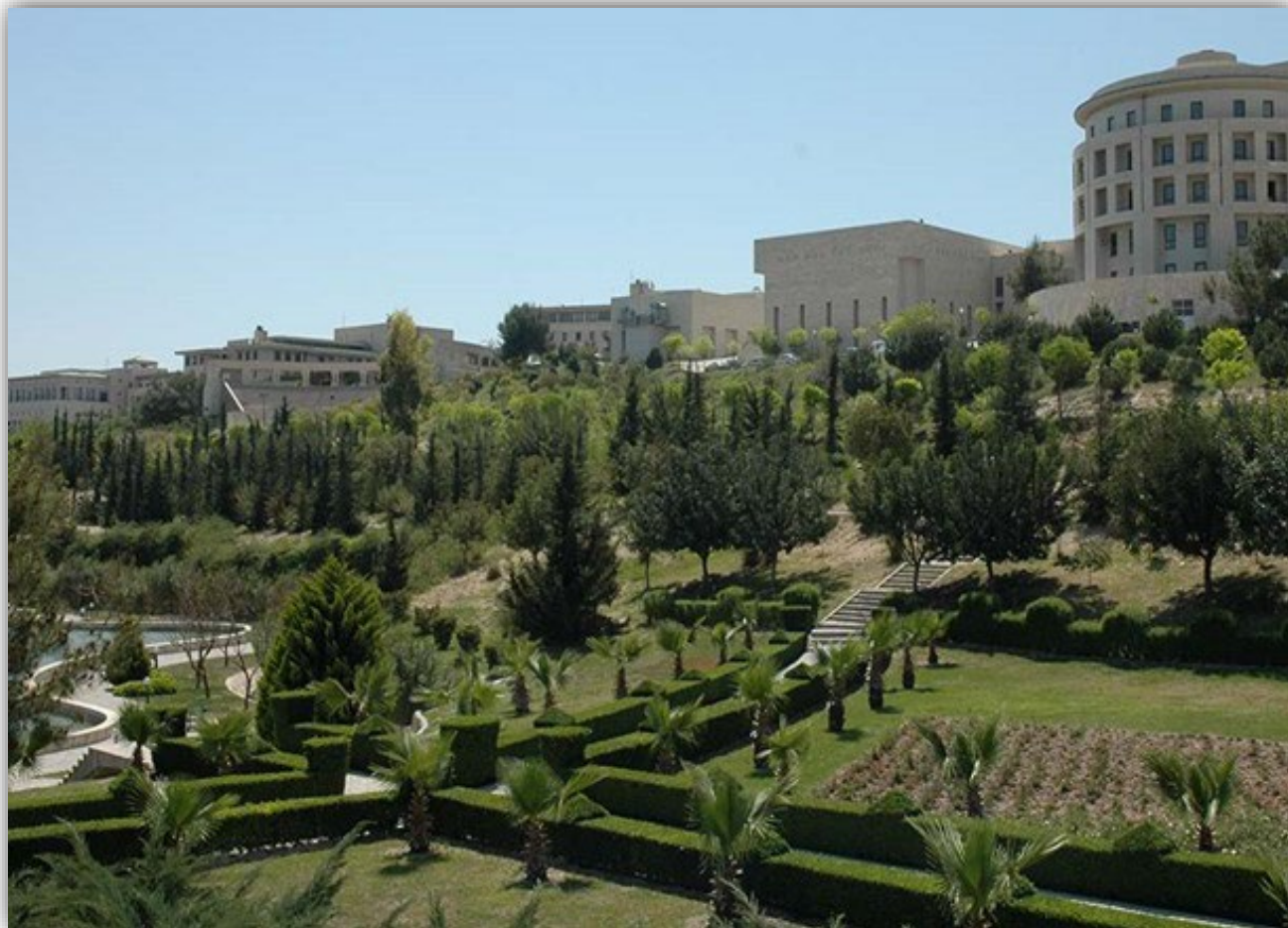
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OUR COMMITMENT

Sustainability is not just a goal, but a requirement of our responsibility to society and the world. As Mersin University, we are proud to take steps towards creating an environmentally friendly, socially responsible, innovative and sustainable campus. By continuously improving our environmentally friendly policies, energy management and waste reduction strategies, we aim to raise awareness of our students, employees and all our stakeholders for a sustainable future. Our commitment to combat climate change, protect natural resources and ensure the sustainability of ecosystems is to mobilize our society for a more livable world through our scientific studies, educational programs and community collaborations. We will continue our efforts to leave a greener, cleaner and healthier world for future generations.



MERSIN UNIVERSITY IS ATTEMPTING TO GENERATE ITS OWN ENERGY

Mersin University is rapidly advancing toward becoming a self-sufficient, low-carbon campus through its expanding renewable energy infrastructure. Across the campus, large-scale solar energy systems now generate over 2.6 million kWh of clean electricity annually, resulting in more than ₺14 million in energy savings. Additionally, high-efficiency heat pump systems reduce thermal energy consumption and enhance overall energy performance. As a final contribution, our university has begun producing clean energy using wind turbine hybrid systems. Through these initiatives, Mersin University not only minimizes its environmental impact but also demonstrates a strong institutional commitment to sustainable development and energy independence—setting a national example in the transition to clean energy.



FROM The RECTOR

Since its establishment in 1992, Mersin University has continuously advanced in the realms of research, education, and community engagement. Looking ahead to the year 2023 and beyond, the university is steadfast in its commitment to further elevate its academic excellence on the international stage, with a strong focus on sustainable campus objectives. In 2020, Mersin University embarked on a journey to standardize its initiatives related to environmental sustainability, making its debut appearance in the 'UI GreenMetric World University Ranking System.' This global evaluation system assesses the eco-friendly practices and sustainability policies of universities around the world. Building upon past achievements, Mersin University is dedicated to shaping its future endeavors with a heightened emphasis on environmental responsibility and sustainability, aspiring to have a positive impact on both its immediate region and society at large.



With this vision in mind, Mersin University is actively working to increase its utilization of energy-efficient technologies and is set to convert at least one of its buildings into a LEED-certified green structure. The university is also taking deliberate steps to incorporate renewable energy resources into its campus infrastructure, all while embarking on fresh research initiatives and projects that foster environmental sustainability.

Mersin University's commitment to sustainability extends to its academic programs. The institution is expanding its curriculum with a greater number of sustainability-focused courses, fully integrating its educational infrastructure into the fabric of environmental sustainability practices. Central to this mission is the cultivation of awareness among students, with active engagement forming a core aspect of this process. While Mersin University has already made strides in adopting green campus practices, it acknowledges that there is a considerable journey ahead, and more work to be done. The university's primary aim for the near future is to enhance environmental sustainability awareness among its academic and administrative staff, as well as its students. Mersin University is committed to bringing its campuses in line with global green campus standards, fostering competitiveness with other universities worldwide.

Furthermore, Mersin University aspires to extend the benefits of these sustainable practices to the broader community, actively involving local residents and the business community in these initiatives. By incorporating the perspectives and contributions of local stakeholders, the university endeavors to establish itself as a recognized institution for sustainable environmental practices in the region.

As we embark on this journey, Mersin University remains dedicated to the principles of sustainability, with a clear vision of a greener and more sustainable future.

Prof. Dr. Erol YAŞAR
Rector

HISTORY

Mersin University was founded under Law No. 3837, adopted by the Turkish Grand National Assembly on 3 July 1992, and officially commenced its academic activities on 10 November 1992. Since its inception, the university has made remarkable progress, expanding to encompass 20 faculties, 8 colleges, 11 vocational schools, 5 institutes, and 40 research centers. Mersin University is dedicated to meeting the needs and aspirations of society by delivering high-quality education and training across a wide range of disciplines. Fueled by its internal dynamism, commitment to educational excellence, and an ever-evolving strategy, Mersin University has earned recognition as one of Turkey's leading and most reputable universities.

Mersin University boasts modern campuses designed with a focus on comfort, health, distinctive architectural aesthetics, and environmentally friendly settings. The university provides sports and research centers, strategically located within the city center and other towns, to serve both students and academic staff. Notably, the Çiftlikköy Campus is situated amidst a lush forested area within the city center. The main campus covers a total area of 4,491,347 square meters, with a 2024 population of 46,493 (student and staff). This results in a spacious living environment, offering approximately 96 square meters of campus area per capita.

Mersin University is a state institution that aspires to achieve international recognition and prominence in the fields of education, research, and social awareness.



MERSIN UNIVERSITY SUSTAINABLE GREEN CAMPUS

Operating under the framework of a "Sustainable Environmental Policy," the university continually invests in research, development, and improvements to become a premier educational institution in environmental awareness and sustainability. To this end, Mersin University has embraced the concepts of a "Sustainable Environment" and a "Green Campus." It has initiated various practices on its campuses to align with national and international standards. Research and improvement efforts are ongoing across several key areas, including Campus Settings and Infrastructure, Energy and Climate Change, Water and Waste Management, Transportation, and Education and Research. These initiatives reflect global solutions applied to environmental challenges faced by university campuses.

Mersin University strives for leadership on both national and international stages in the realm of 'Environment and Sustainability.' The university aims to heighten public awareness by sharing these initiatives and practices with the wider community. In 2020, Mersin University proudly joined the esteemed 'GreenMetric International World University Rankings' as part of the UI GreenMetric World University Rankings System. This platform actively fosters global awareness and internationalization of environmental and sustainability concerns. Annually, universities worldwide undergo comprehensive evaluations across categories including infrastructure, energy, climate change, waste management, water resources, transportation, education, and research. These assessments are meticulously conducted by experts from the University of Indonesia.

Mersin University's strategic objectives are meticulously outlined in this Sustainability Report, underscoring the university's unwavering commitment to effectively implementing these goals.

Mersin University Green Campus Team

Yağmur UYSAL (Prof. Dr. / Head of Green Campus Commission)

Osman ORHAN (Assoc. Prof. Dr. / Member of Green Campus Commission)

Abdurahman Yasin YİĞİT (Dr. / Member of Green Campus Commission)

<https://greencampus.mersin.edu.tr/>

[MEU Sustainability Center](#)

OUR UNIVERSITY

Mersin University is located in Mersin Province, on the eastern coast of the Mediterranean Sea, and encompasses a vast campus area that blends academic life with nature. The university enjoys a typical Mediterranean climate—hot and dry summers, mild and rainy winters—with an annual pattern of sunny days and gentle coastal winds that create a distinctive microclimate within the campus

Situated approximately 14 kilometers from the city center, the Çiftlikköy Central Campus covers nearly 4 million square meters of gently sloping land, fertile plains, and Mediterranean maquis vegetation, featuring pine forests, seasonal water pools, and diverse ecosystems. This landscape offers a harmonious combination of natural richness and modern infrastructure.

Hosting around 20,000 students, the central campus includes most of the university's faculties, colleges, and administrative units. Its unique architectural design, extensive green spaces, and social, cultural, and sports facilities make it one of Türkiye's most attractive and environmentally integrated university campuses.

Faculties such as Medicine, Dentistry, Engineering, Fine Arts, Maritime Studies, Economics, Communication, Nursing, and Architecture, along with multiple vocational schools and institutes, are located here. Additionally, the University Hospital, operational since May 20, 2014, serves both educational and healthcare missions on the Çiftlikköy Campus.

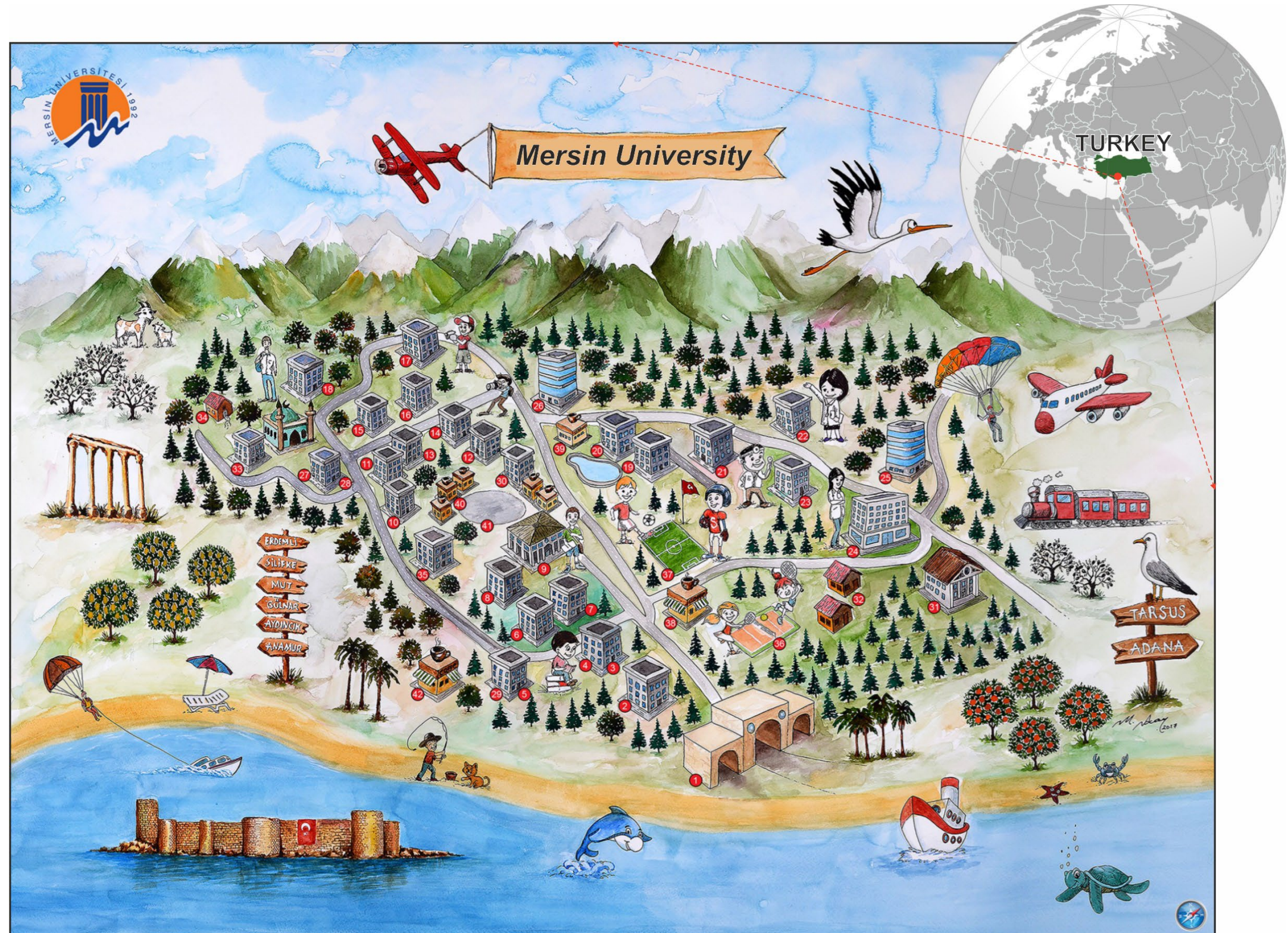


OUR CAMPUS

Çiftlikköy Campus has exemplary practices in sustainable energy use, waste management and efficient use of water resources. Renewable energy projects, energy-efficient lighting systems and infrastructure improvements for water conservation contribute to the environmentally friendly activities of the campus. The campus offers large green areas and landscaping that provide students and staff with a peaceful environment in touch with nature. In addition, sustainability is integrated into Mersin University's education and research programs, raising awareness on environmentally friendly practices. The widespread use of recycling systems across the campus demonstrates the university's commitment to reducing its environmental footprint. Mersin University also has 8 other campus areas in different districts of the city. These are Yenişehir, Erdemli, Silifke, Tece, Anamur, Gülnar, Aydıncık and Mut campus areas. Each of them has a vocational school. Students can choose the campus area where their homes are located and they can easily reach the campus area from their homes.



OUR UNIVERSITY

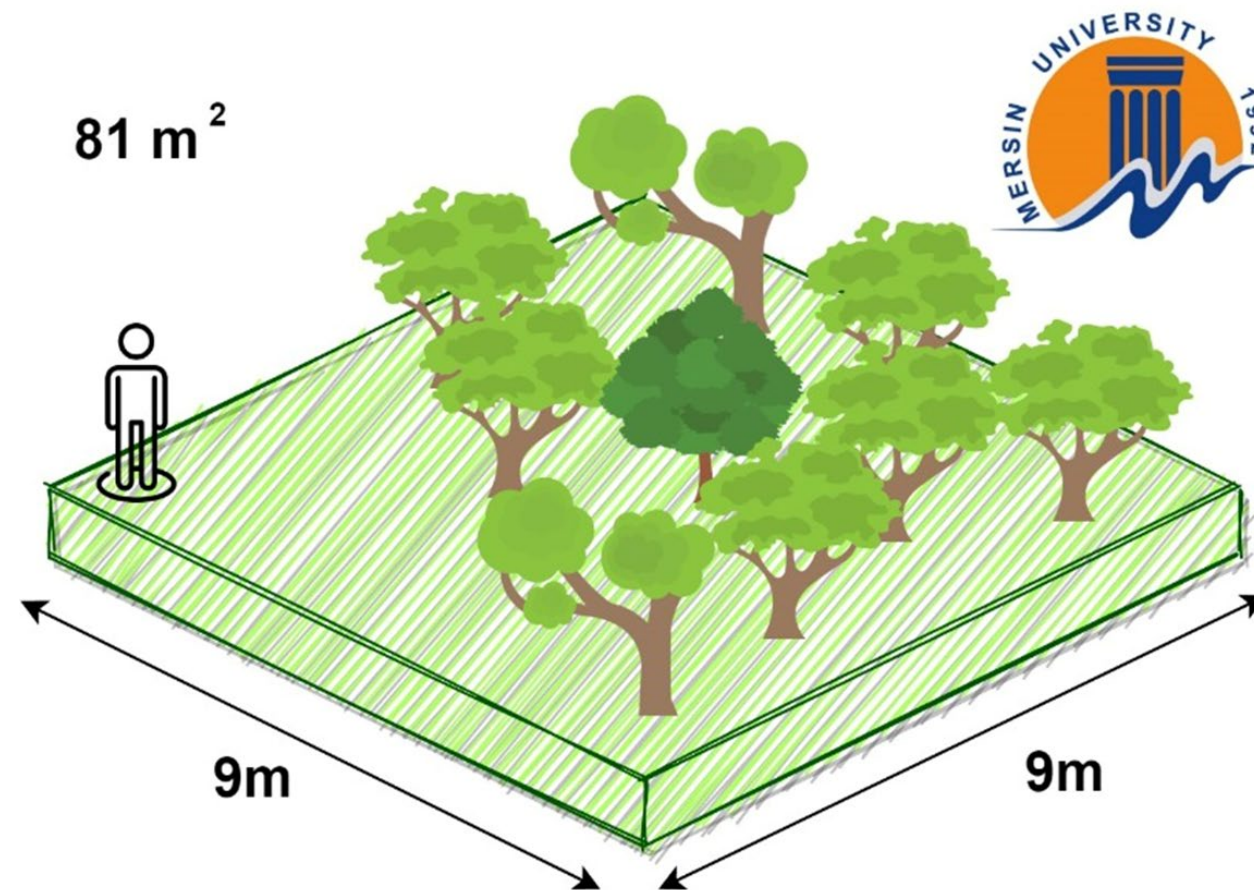


OUR UNIVERSITY

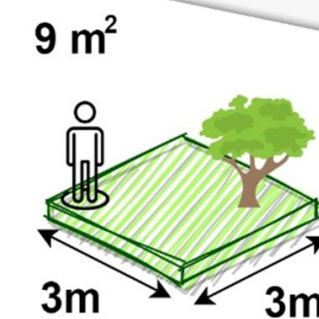
Green spaces play a vital role in protecting the physical and mental health of individuals. The World Health Organization (WHO) recommends at least 9 square meters of green space per person and underlines that these areas are essential for a healthy environment and a sustainable life. Time spent in nature has many positive effects such as reducing stress, improving air quality and increasing overall quality of life. As Mersin University, we see our campus areas not only as an academic center, but also as a healthy and nature-friendly living space for our students and employees. The amount of green space per capita in our university campuses is 81 square meters, which is much higher than the standard recommended by WHO and is a reflection of our sustainable living policies. These areas provide a peaceful environment where our students can relax and socialize, intertwined with nature. With this importance we attach to nature and sustainability, Mersin University is taking firm steps towards becoming an exemplary institution not only in academic success but also in environmental responsibility. These large green areas on our campuses are a symbol of our commitment to a healthy future.

Green Spaces

(Green spaces per person in m^2)

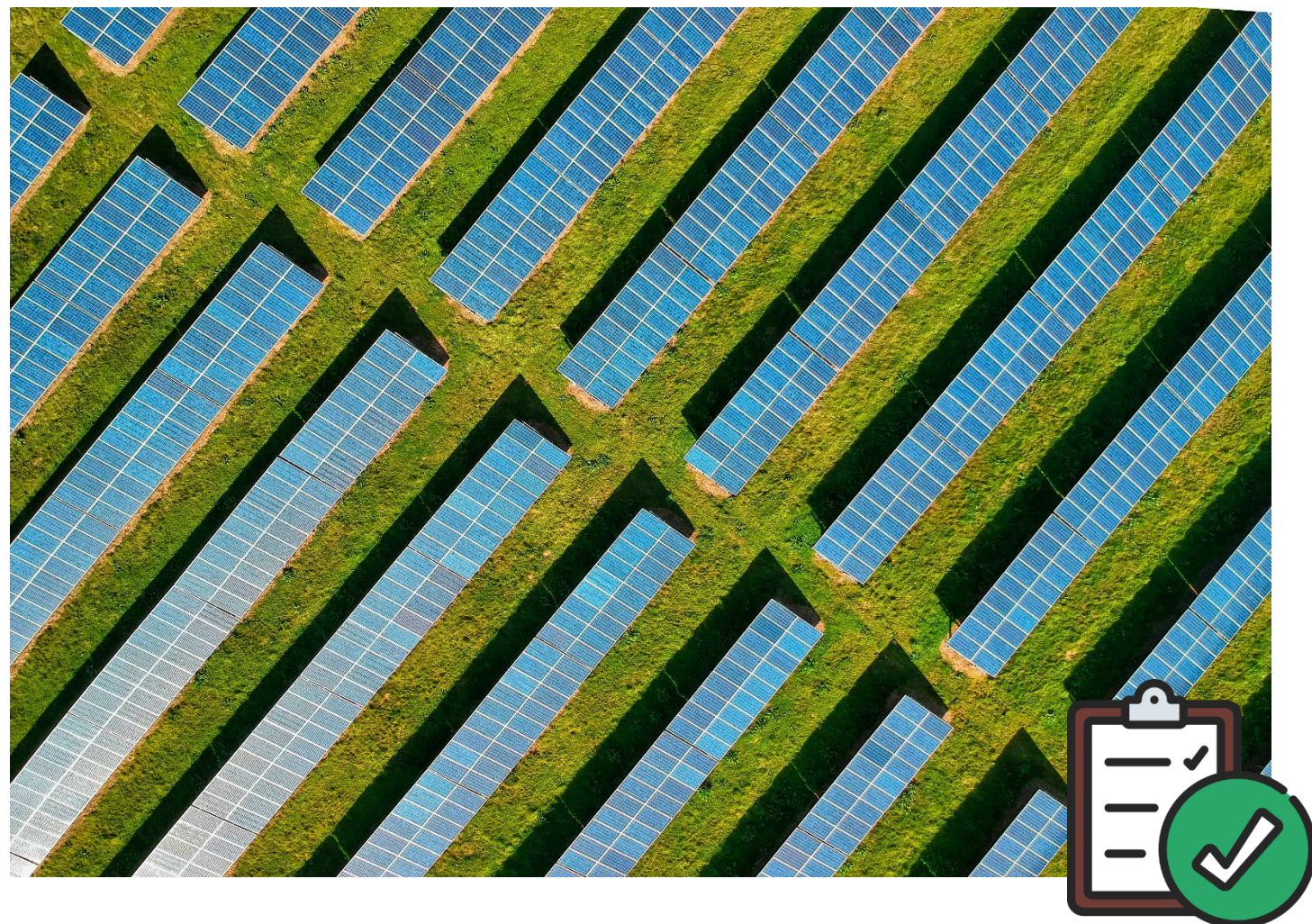
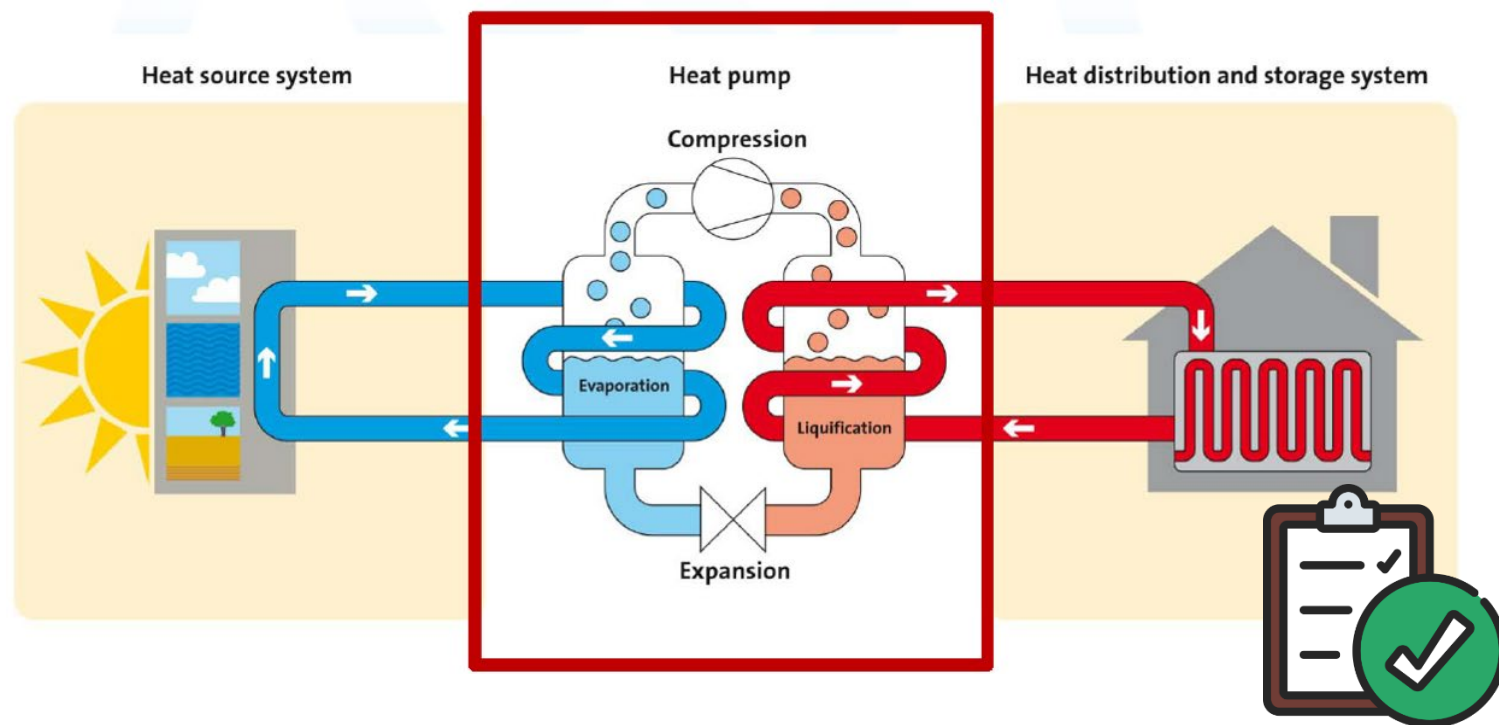


Mersin University (MEU)



World Health Organization (WHO)

Renewable Energy



MERSIN UNIVERSITY IN NUMBERS

Mersin University is a well-established higher education institution that continues its education and research activities with a large academic staff and rich infrastructure. 41270 students are studying at our university and 1672 students continue their education through online programmes. Our 5223 academic and administrative staff aim to provide the best education to students and fulfil the mission of our university.

Regular
students
41270
Online students
1672



Academic and
Administrative
staff
5223

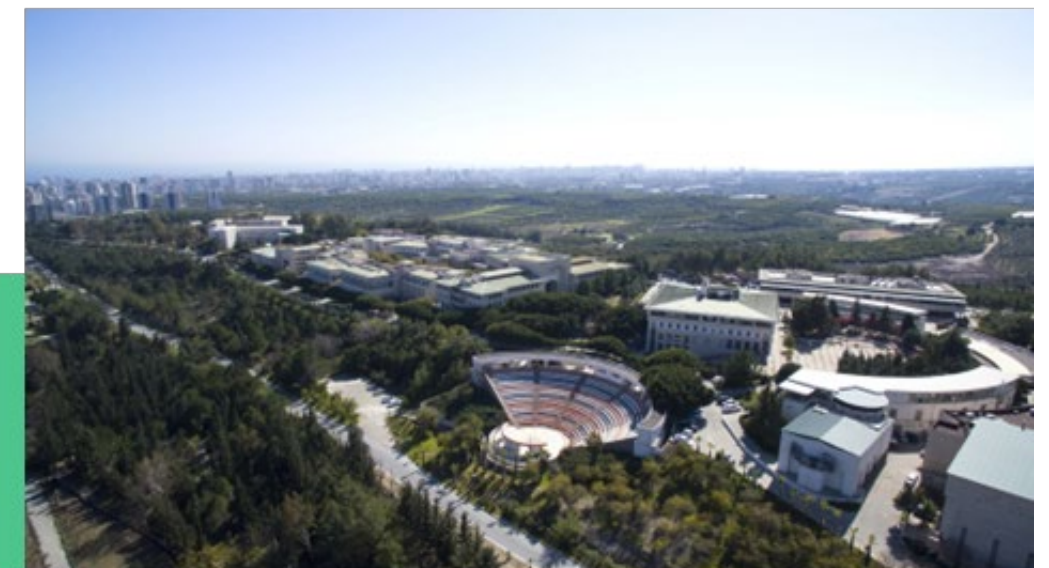


The number of our campuses is 9 and educational services are provided with 20 faculties, 8 colleges and 11 vocational schools in our large campuses. In addition, we make important contributions to the world of science with 5 institutes and 40 research centres that support scientific studies. Mersin University, with this comprehensive structure in education, is determined to lead the development of our country in the field of science and technology.

Main
campus
9



20 Faculties
8 Colleges
11 Vocational
schools



MERSIN UNIVERSITY IN NUMBERS

In addition, we make important contributions to the world of science with 5 institutes and 40 research centres that support scientific studies. Mersin University, with this comprehensive structure in education, is determined to lead the development of our country in the field of science and technology.

5
Institutes

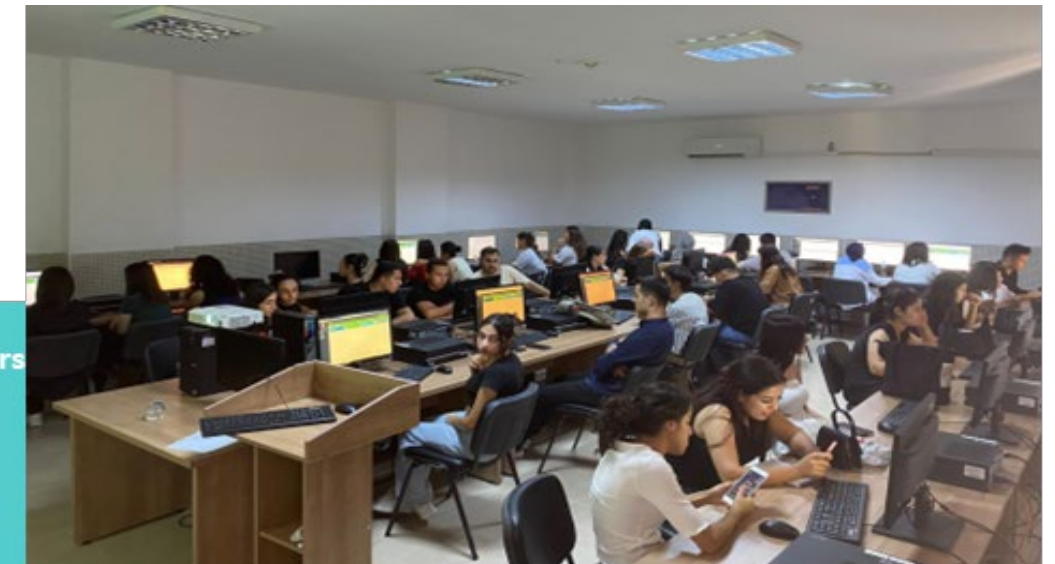


40
Research
Center



Mersin University has comprehensive infrastructure and facilities to meet the needs of its students and academic staff at the highest level. Our university offers 4,100 computers and on-campus network facilities to contribute to the academic and social development of students. In addition, our 3,000 m² central library provides a peaceful working environment for students and researchers with a seating capacity of 350 people.

4100 computers
in-house
network
facilities



Central Library
3000 m²
350 people
sitting



MERSIN UNIVERSITY IN NUMBERS

There are 225 laboratories in our university to strongly support education and research activities. In addition, in line with the importance we attach to student communities, 88 student clubs enable students to develop themselves in many areas such as social responsibility projects, sports, arts and cultural activities.

225
Laboratories



92
Student clubs



Mersin University has an important research and technology ecosystem that aims to contribute to society with projects and innovative studies for sustainable development. Mersin University Advanced Technology Research and Application Centre (MEITAM), which operates within our university, supports scientific developments and produces sustainable solutions with its advanced research infrastructure.

In addition, Mersin Technopark and Technology Transfer Office contribute to projects that strengthen university-industry cooperation and the entrepreneurship ecosystem. Technopark supports the economic and environmental sustainability of the region by hosting innovative initiatives and sustainable technology solutions. The Technology Transfer Office, on the other hand, encourages the application of research to industry and ensures the development and dissemination of environmentally sensitive technologies.

These structures reflect Mersin University's commitment to sustainability and reinforce our goal of contributing to a greener and innovative future.



OUR 2025 PROGRESS in SUSTAINABILITY

EDUCATION and RESEARCH: In 2025, Mersin University continued to strengthen its leadership in sustainability-focused education, research, and innovation. Guided by our Quality Management System, we have integrated sustainability principles into our academic programs, laboratory studies, and interdisciplinary research. Courses and projects addressing renewable energy, climate change, smart cities, digital mapping, and sustainable agriculture have expanded across multiple faculties. Our aim is to equip students not only with professional expertise but also with ecological awareness and social responsibility, ensuring that every graduate becomes an active contributor to a sustainable future.

GOVERNANCE: As part of our sustainability governance model, we place strong emphasis on participatory decision-making, transparent management, and continuous improvement. Mersin University's policies now explicitly align with the United Nations Sustainable Development Goals (SDGs), integrating environmental, social, and economic sustainability into all strategic plans. Through initiatives such as the Green Campus Program and the Sustainability Coordination Board, we ensure that our academic, administrative, and operational structures advance in harmony with ecological values.

Our mission is clear — to produce knowledge for the benefit of humanity, foster innovation that supports societal well-being, and educate modern, creative, and environmentally responsible individuals. We are committed to being a university that leads by example, turning sustainable thinking into sustainable action.

VISION: Mersin University envisions a campus that thrives as a living laboratory for sustainability—integrating students, faculty, and the community through lifelong learning, technological innovation, and environmental stewardship. With expanding collaborations at national and international levels, our university is transforming into a dynamic hub where education, research, and community engagement converge for a sustainable future. Our ultimate goal is to make Mersin University not only a “green campus” but also a model of transformation, where science, society, and sustainability grow together.



OUR 2025 PROGRESS in SUSTAINABILITY

2025 marks another year of measurable progress for Mersin University as sustainability becomes deeply integrated into every aspect of our campus life. All our initiatives—across education, research, and operations—are guided by the vision of making our university an environmentally responsible, energy-efficient, and socially conscious institution for future generations. Our advancements this year can be grouped under key areas such as infrastructure, energy, waste management, water conservation, transport, education, and research.

Infrastructure and Campus Improvements: Mersin University continues to prioritize environmentally friendly construction and the protection of natural areas across its campuses. Sustainable buildings and infrastructure compatible with renewable energy systems have been further developed. New pathways and green corridors have enhanced pedestrian and bicycle accessibility, while landscape management focuses on preserving Mediterranean vegetation and biodiversity. Smart campus technologies, including automation-based lighting and climate control, have been expanded to improve overall energy efficiency.

Energy and Resource Management: In 2025, the university made significant strides in renewable energy production and efficiency. Through the installation of large-scale solar power systems and the addition of a WINDUA Y-3000 wind turbine, Mersin University generated approximately 2.35 GWh of clean electricity this year, reducing both carbon emissions and dependency on conventional energy sources. Additionally, new smart LED lighting systems and air-to-water heat pumps were installed to optimize energy use in key facilities, including hospitals and academic buildings. These advancements demonstrate our strong commitment to carbon neutrality and sustainable energy management.

Waste Management: Efforts in recycling and sustainable waste handling have continued to grow. Deposit return (DOA) machines were installed on campus to promote bottle recycling, while improved sorting systems for organic and inorganic waste have been adopted across all faculties. Awareness activities and student-led sustainability projects further strengthened participation in waste reduction. These programs not only minimize landfill waste but also create a culture of environmental responsibility within the university community.

Water Management and Conservation: Water conservation remains a critical component of our sustainability framework. In 2025, water-saving irrigation systems and greywater reuse technologies were expanded to additional campus zones. Infrastructure upgrades aimed at minimizing water consumption were supported by real-time monitoring systems. These practices align with the university's strategy to preserve natural resources and reduce overall water footprint.

Transport and Carbon Emission Reduction: Sustainable transportation is a key pillar of our environmental policy. Mersin University expanded its network of electric vehicle (EV) charging stations, bike paths, and pedestrian-friendly routes. The promotion of low-emission shuttle services and the establishment of vehicle-free zones have significantly reduced campus-level carbon emissions. The "Green Campus Festival" and related campaigns encouraged the use of public transport and low-carbon mobility alternatives among students and staff.

Education and Awareness: The university continues to integrate sustainability into its educational and research framework. Through the Sustainable Environment Application and Research Center and Technology Transfer Office, interdisciplinary projects focusing on renewable energy, waste reduction, and environmental resilience were implemented. Workshops, seminars, and the "Circular Economy, Waste Recycling, and Sustainability Symposium (DASS 2025)" raised awareness and strengthened collaboration between academia, industry, and the public sector. These activities have reinforced the university's leadership in sustainability education and innovation.

Research and Innovation: Our university contributes to sustainable development with research projects aiming to develop environmentally friendly technologies and sustainable solutions. Through structures such as MEITAM, Technopark and Technology Transfer Office, university-industry cooperation is strengthened and the implementation of environmentally friendly practices is encouraged. As Mersin University, we are in a continuous effort to fulfil our responsibility towards society and the world with all these sustainability efforts. These steps we have taken to leave a healthier, cleaner and livable world for future generations reflect our university's commitment to sustainability.

OUR 2025 PROGRESS in SUSTAINABILITY



OUR 2025 PROGRESS in SUSTAINABILITY

Our Long-Term Sustainability Efforts: Mersin University continues to implement comprehensive renovation and improvement projects to create a sustainable and environmentally conscious campus infrastructure. A significant portion of our budget is allocated to infrastructure modernization, renewable energy systems, and green transformation projects aligned with climate action policies. These initiatives ensure the social, ecological, and economic balance required for the long-term development of our campus.

Improvement of Open Spaces and Accessibility Studies: The university places great emphasis on improving open green spaces, supporting social interaction, and promoting accessibility. Especially in the Çiftlikköy Campus, walking paths, ramps, bicycle lanes, and forested recreation areas have been systematically developed to enhance the well-being of students and staff. Infrastructure upgrades have increased access for individuals with disabilities, creating an inclusive and environmentally friendly learning environment integrated with nature.

Energy Efficiency and Positive Energy Generation: Our energy efficiency projects are key components of Mersin University's sustainability vision. Through advanced systems such as LED lighting, motion-sensor lamps, and energy automation, the university continues to minimize energy consumption across campus facilities. In addition, the Solar Power Plant (GES) installations — supported by international funding — now enable the university to generate a substantial portion of its own electricity. With large-scale solar arrays located at the Faculty of Medicine Hospital car park and other strategic points on campus, Mersin University achieves annual energy savings of nearly ₺60 million, meeting up to 40% of its total electricity demand through renewable energy sources.



OUR 2025 PROGRESS in SUSTAINABILITY

Smart Building Systems and Digital Infrastructure Applications: Mersin University continues to enhance its campus infrastructure through smart technologies that reduce energy consumption and strengthen sustainability. Automation systems, integrated lighting and HVAC (heating, ventilation, and air conditioning) controls, and energy-monitoring sensors are now widely implemented in university buildings. These systems enable real-time management of water and electricity use while significantly improving efficiency. Additionally, digital vehicle counting and smart mobility systems have been introduced to optimize campus traffic and public transport management, minimizing both energy waste and environmental impact.

Protection of Natural Resources and Biodiversity: Our university places strong emphasis on the conservation of natural resources and biodiversity across all campus areas. The ongoing afforestation and greening projects in **Çiftlikköy Campus** have expanded forested zones and enriched the ecosystem with diverse plant species, providing a vibrant natural environment for both education and research. Furthermore, through specialized research centers such as the **Sea Turtle Application and Research Center**, Mersin University contributes to the protection of marine ecosystems and the long-term sustainability of Mediterranean biodiversity. These coordinated efforts reinforce the university's commitment to environmental stewardship and ecological harmony..



OUR 2025 PROGRESS in SUSTAINABILITY

Development of Health Infrastructure: We continuously improve our health infrastructure to ensure the well-being of our students, academic and administrative staff. Mersin University Hospital, located in Çiftlikköy Campus, is equipped with advanced medical devices and responds to the health needs of the region. In addition, with the newly established Oncology Hospital and Dentistry Hospital, the health needs of the people in and around Mersin are met more effectively. This health infrastructure serves to contribute to sustainable social development. As Mersin University, we continue all our projects in harmony with nature in line with our determination to implement environmentally friendly practices and our mission to contribute to sustainable development. These studies shed light on our goal of building a healthier, livable and environmentally friendly campus in the future.

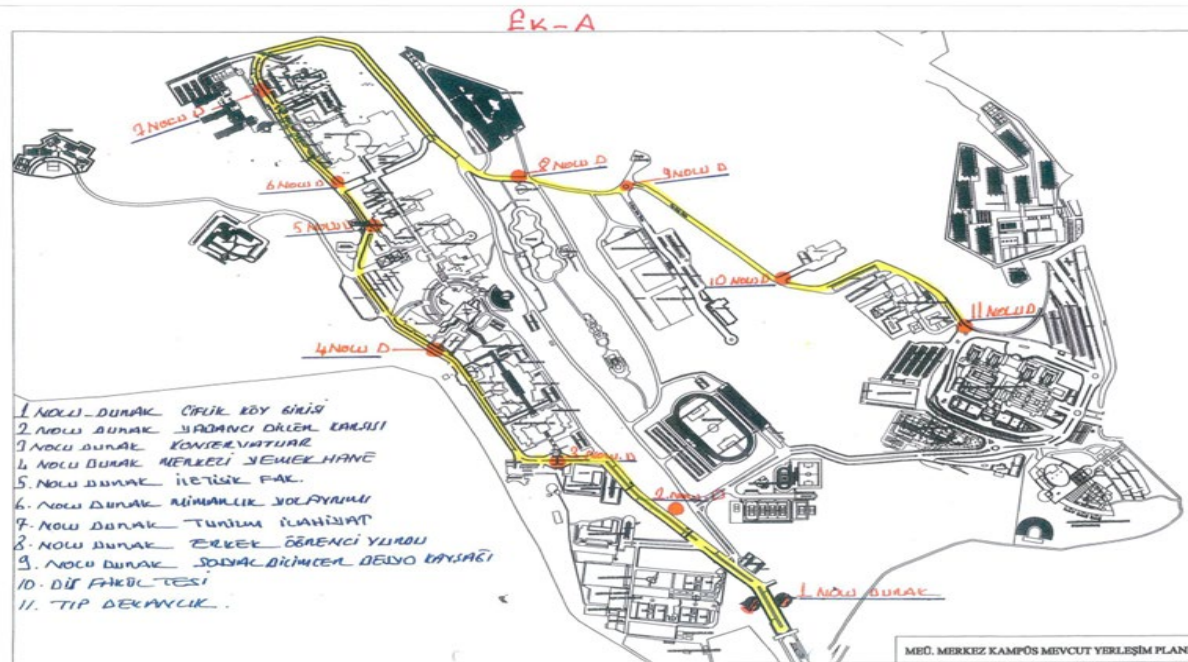
Transport Systems: At Mersin University, various applications and infrastructure developments are carried out on public transport and sustainable transport:

Ring Services: Free ring services are available to facilitate on-campus transportation. These services enable students, academic staff and visitors to reach different units within the campus in an efficient and environmentally friendly way. Ring services contribute to the reduction of the carbon footprint across the campus by reducing the use of individual vehicles. Electric scooter and bicycle rental services provided on campus are among the sustainable transport options that students and staff can access at low cost. This practice helps to reduce carbon emissions by encouraging the use of environmentally friendly alternatives to motorised vehicles for short distances.

Stickers are applied at the entrance of the campus to reduce traffic density and encourage environmentally friendly transport. With this system, only authorised vehicles can enter the campus, thus limiting the number of vehicles on campus and reducing carbon emissions.

Mersin University actively uses the 'Let's Go with One Vehicle' (TAG) system, which encourages car sharing to create a sustainable transport model on campus. This system reduces the number of individual vehicles on campus by enabling students and staff travelling in the same direction to travel in a single vehicle. This practice makes significant contributions to sustainable transport goals by reducing fossil fuel consumption and air pollution.

These transport solutions are among the steps taken by Mersin University to achieve its sustainability goals and aims to spread environmentally friendly practices throughout the campus.



1- SETTING & INFRASTRUCTURE

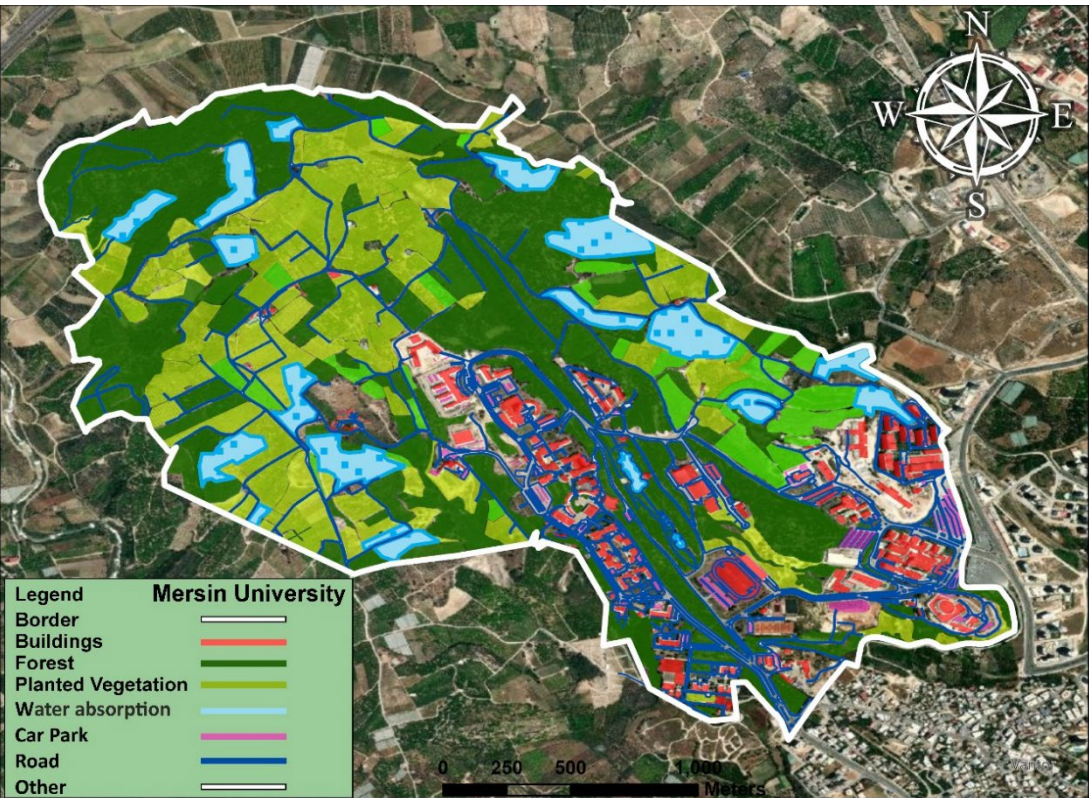
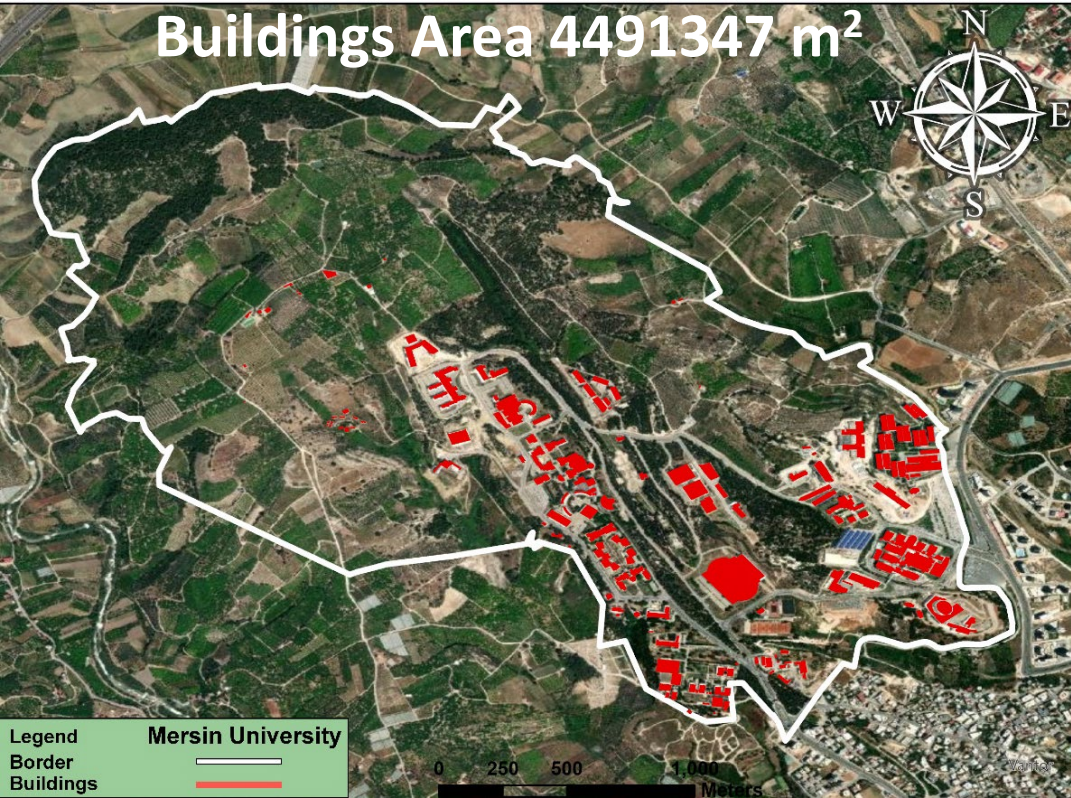
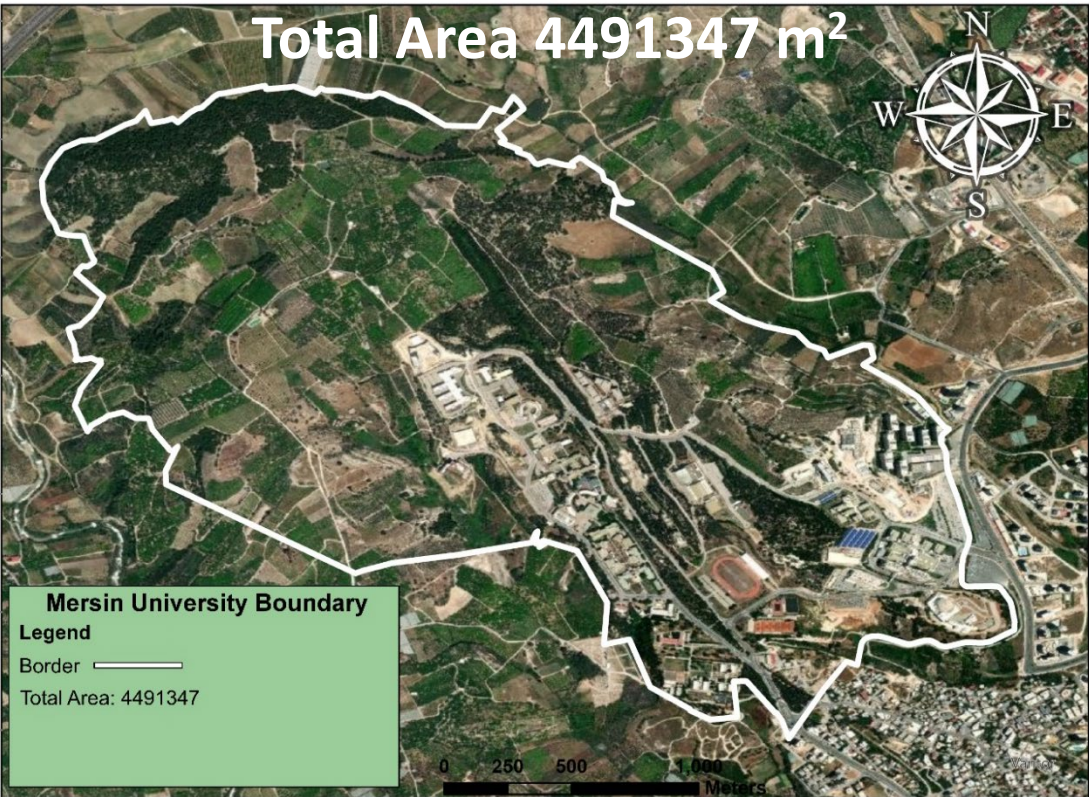
Mersin University continuously strives for improvement in the first category ‘Settlement and Infrastructure’. In recent years, efforts in this direction have increased exponentially, and significant progress has been made with various projects and investments, especially in certain areas compared to previous years. Our institute has 4491347m² of land. Mersin University provides education and research for 41270 regular students and 5223 academic and administrative staff.

Within this area, the total forest area is 1657533 m², the total planted plant area is 1855147 m² and its ratio to the total area is 42%. There is a strategy to realise a solar energy facility throughout Mersin province and to become a solar energy city. In this context, Mersin University is the leading institution in the city. At Mersin University, especially open car parks are covered and solar power plants are established. This enables Mersin University to save a significant portion of its energy expenditures, which have a significant share in its budget. Smart technological transformation efforts continue in the infrastructure and buildings of Mersin University and a large part of the budget is allocated to sustainability-related activities.

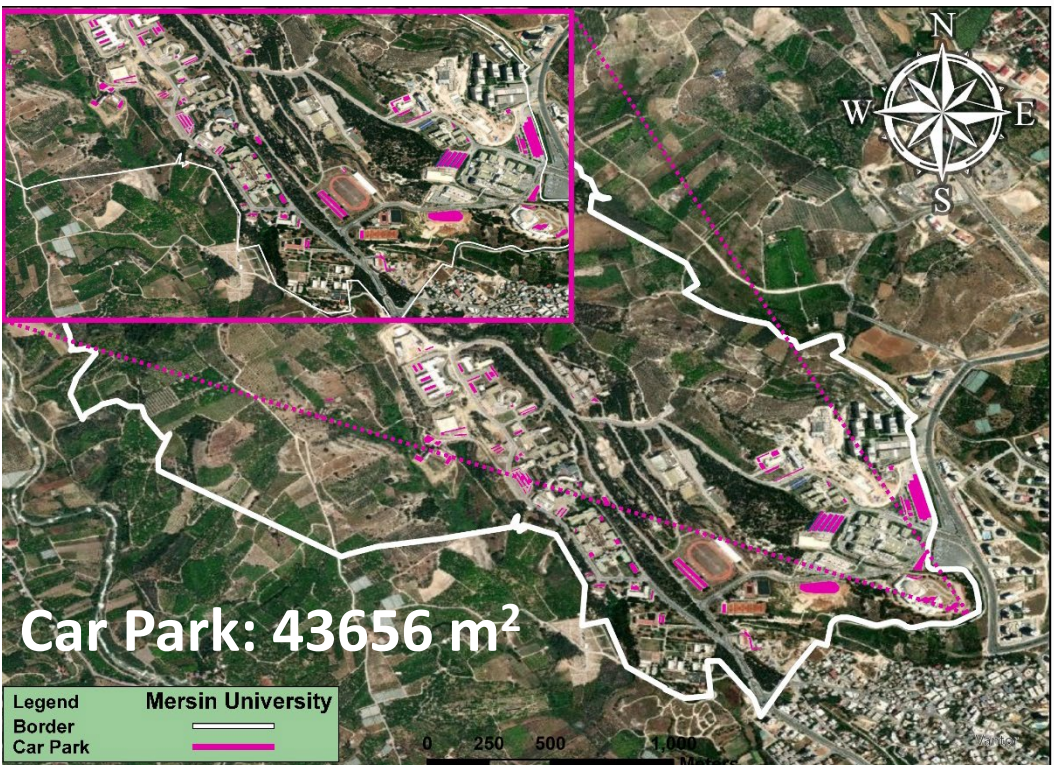
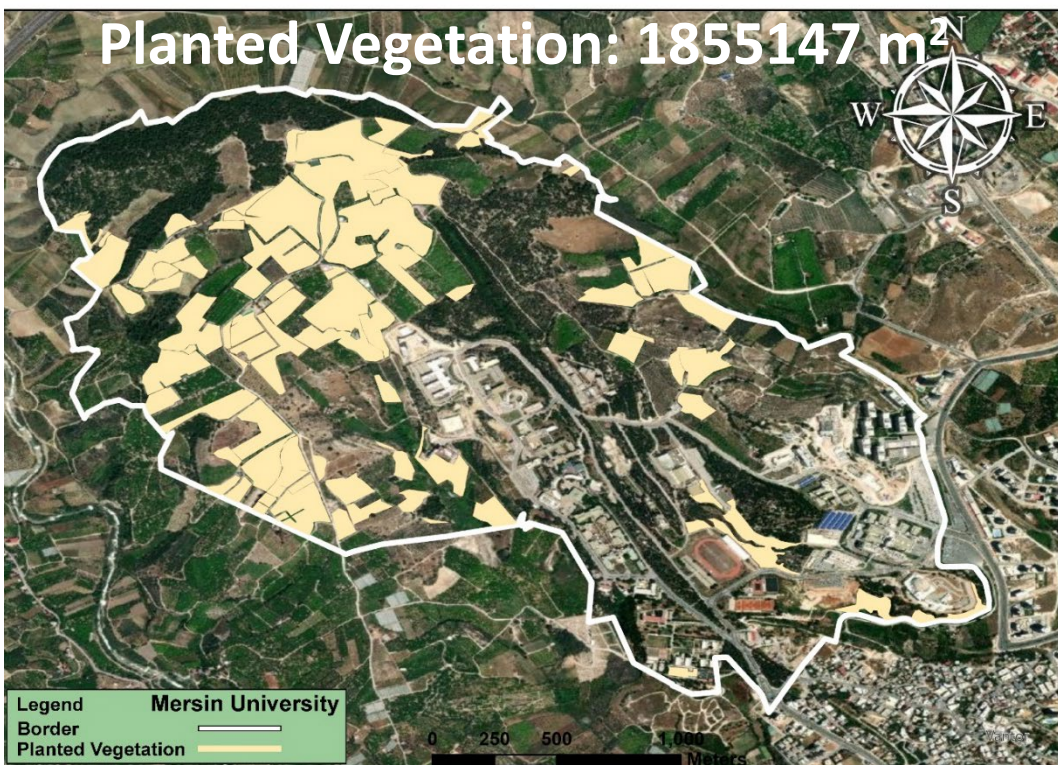
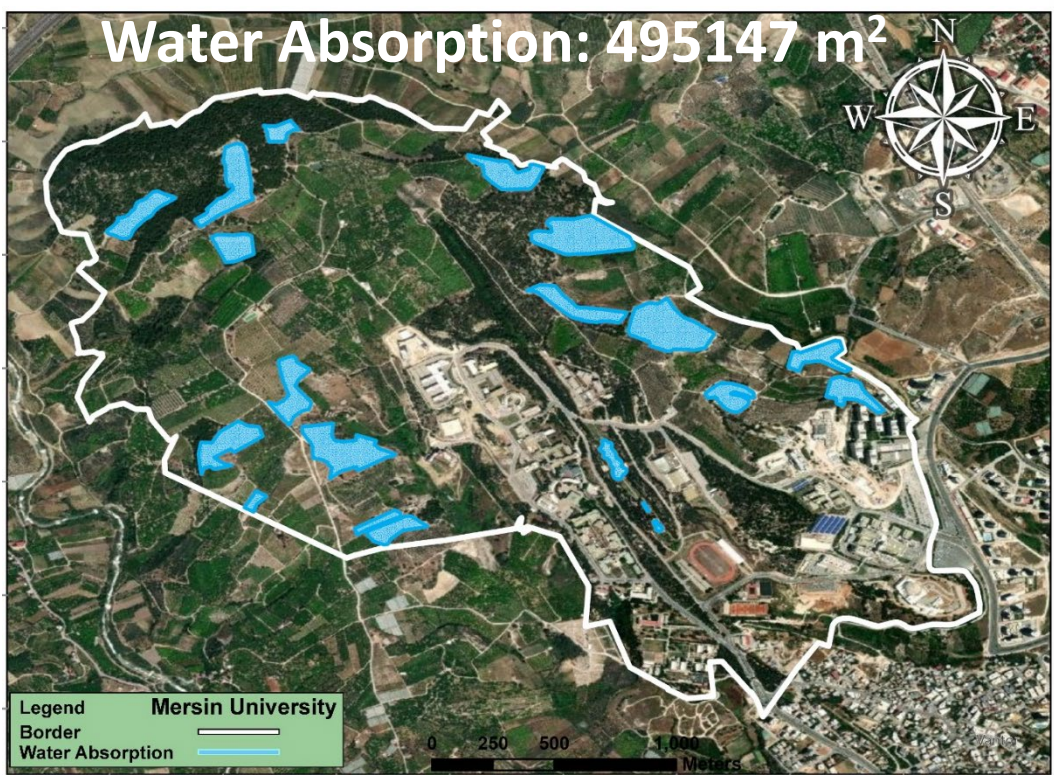
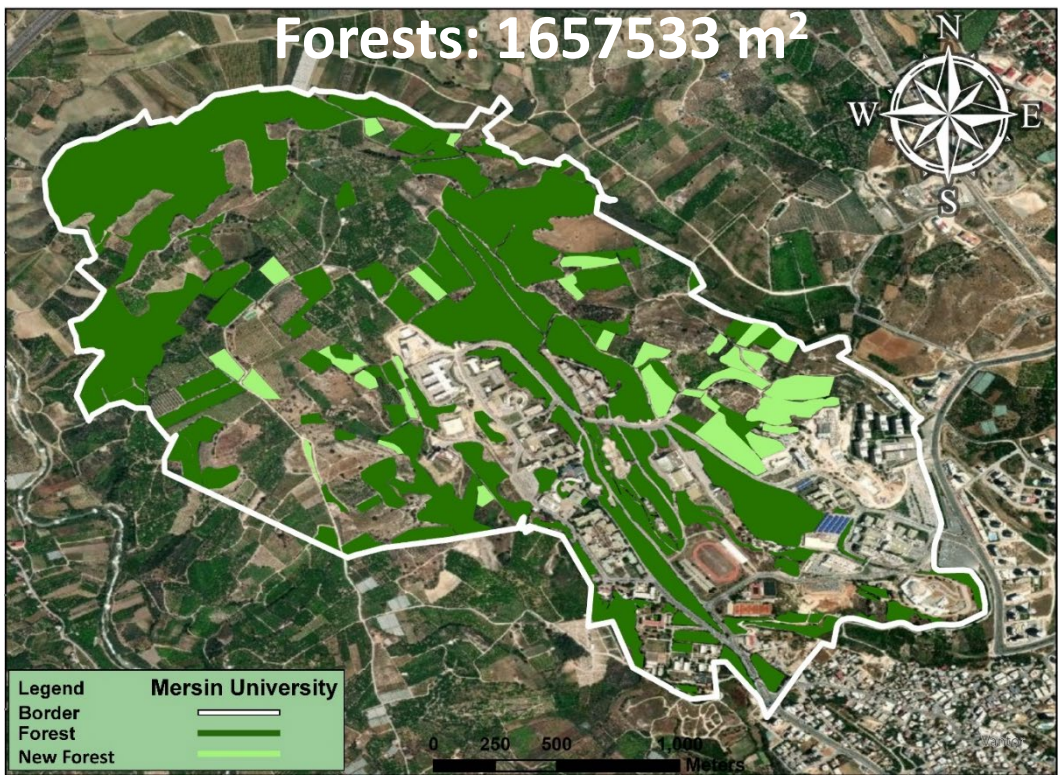
- ❑ Energy consumption has been reduced by using energy efficient solutions such as LED lighting and motion sensor lamps in university buildings.
- ❑ Solar power plants have been installed at the Çiftlikköy Campus as part of renewable energy projects. These initiatives make significant contributions to the achievement of the campus' environmentally friendly energy targets.



1- SETTING & INFRASTRUCTURE



1- SETTING & INFRASTRUCTURE



1- SETTING & INFRASTRUCTURE

- ❑ Mersin University has extended the use of recycling bins to ensure the separation of on-campus waste. Waste water is directed to the municipality's waste water treatment plants, and the treated water is used for irrigation of campus green areas. These practices help to conserve natural resources and reduce water consumption.
- ❑ Digital systems are used to support sustainable transport on campus and public transport options are encouraged.
- ❑ Mersin University has various research centres related to sustainability. The Sea Turtle Application and Research Centre carries out studies to protect marine habitats. In addition, the Faculty of Maritime Studies raises awareness on marine pollution and the sustainability of marine life through underwater waste collection events and various environmental cleaning organisations.
- ❑ A 24/7 private security call centre has been established to provide uninterrupted security for students, academic and administrative staff on campus. This centre aims to quickly solve security problems encountered on campus and provides continuous support for rapid intervention in emergencies.



- ❑ There is a comprehensive closed circuit television (CCTV) surveillance system throughout the campus, including inside and around the buildings. Security cameras are placed at strategic points to monitor movement within the campus and to respond quickly to emergencies. In addition, all buildings are equipped with safety equipment such as fire hydrants, fire sensors and evacuation plans.

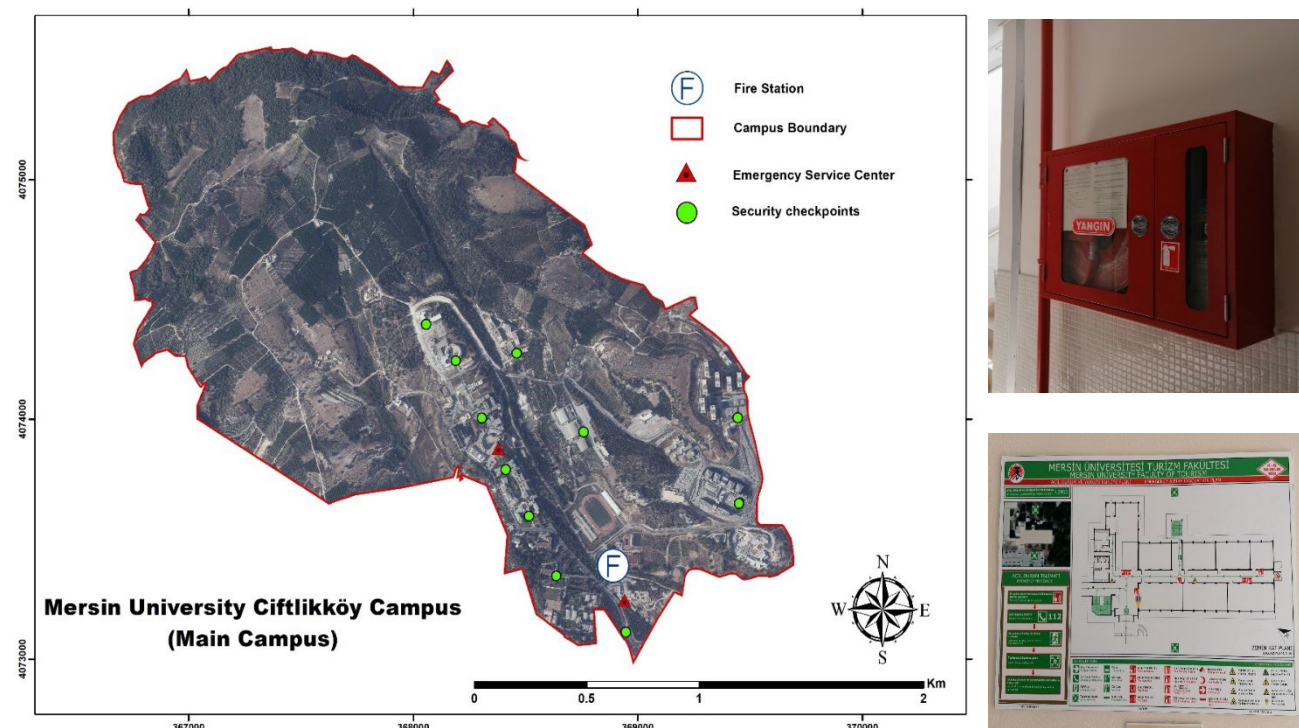


1- SETTING & INFRASTRUCTURE

Campus transport: Digital vehicle counting systems are used to keep vehicle traffic on campus under control and increase security. In addition, public transport and vehicle traffic are safely organised to provide safer transport within the campus.

- ❑ In addition, electric vehicle charging stations have been installed to ensure sustainable transport on campus.
- ❑ Entry-exit controls are carried out by security guards at the campus entrances, thus ensuring that only authorised persons have access to the campus. These controls are used as an effective security measure to create a safe and peaceful environment on campus.

Emergency: Fire and emergency plans have been established throughout the campus and appropriate fire extinguishing and evacuation equipment has been provided for each building. Buildings equipped with fire stations, security cameras and fire extinguishing systems provide security against emergencies and these systems are regularly maintained.

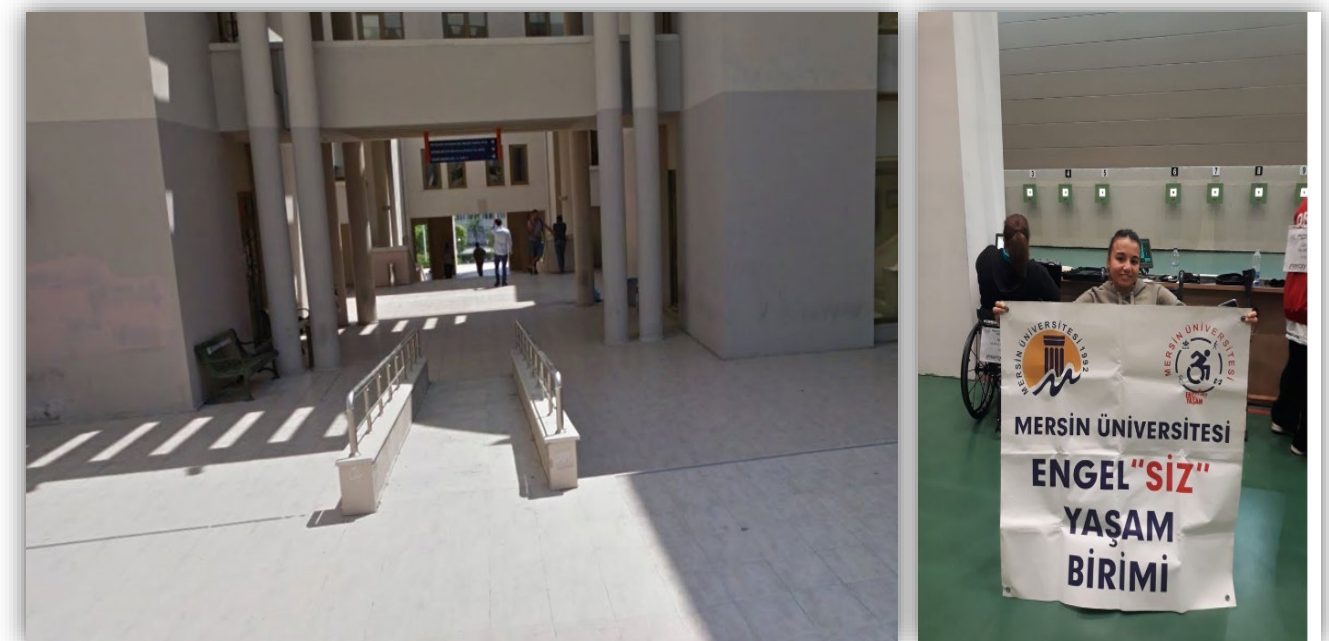


Disabled life: Mersin University has established a Barrier-Free Living Unit to enable disabled students to take an active part in academic, social and cultural life.

This unit aims to facilitate the university experience of disabled individuals by providing support services to students. In 2023, the university became the third university in Turkey to receive the highest number of flags in the Barrier-Free University Awards. These awards were received under the 'orange flag' for accessibility in space, 'green flag' for accessibility in education and 'blue flag' for accessibility in socio-cultural activities.

- ❑ There are disabled ramps, lifts and disabled parking areas in all buildings. In addition, special toilets that can be used comfortably by disabled individuals have been built and transport within the campus is supported by accessible areas.

These arrangements aim to facilitate the movement of disabled individuals within the campus.



2- ENERGY & CLIMATE

Mersin University has made remarkable progress in renewable energy production and climate-resilient infrastructure throughout 2025. The university continues to reduce its carbon footprint and strengthen its position as a leading energy-efficient campus through the integration of solar, wind, and heat pump systems.

Currently, the university operates multiple renewable energy sources, including solar power plants across the Faculty of Medicine, University Hospital, and Faculty of Fine Arts and Architecture, producing approximately 2.35 GWh of clean electricity annually. This generation provides a total financial benefit of nearly ₺12.6 million per year while reducing dependency on the national grid and preventing substantial CO₂ emissions.

In addition to solar production, the WINDUA Y-3000 wind turbine, installed at the Faculty of Maritime Studies, generates 6,570 kWh of renewable electricity per year, serving as both a research platform and a clean energy source for the campus. To further enhance efficiency, 14 air-to-water heat pumps have been deployed in key buildings, including the University Hospital, Dental Hospital, Oncology Hospital, and Cultural Center.

Each unit contributes to both heating and cooling under automation-based control systems, providing an annual energy saving of approximately 465,360 kWh and reducing natural gas consumption significantly.



All renewable energy systems are integrated into the Energy Monitoring and Management System (ENYS), which tracks real-time energy consumption and production, ensuring maximum efficiency and sustainable energy balance across the university.

Through these implementations, Mersin University has transformed into one of Türkiye's exemplary campuses in sustainable energy management—combining solar, wind, and heat pump technologies to create a hybrid and intelligent clean energy ecosystem that supports national and global climate action goals.



2- ENERGY & CLIMATE

In 2025, Mersin University significantly increased its renewable energy capacity and energy efficiency across all campuses. The university generated a total of **2,352,645 kWh** of clean energy from solar and wind systems and achieved an additional **465,360 kWh** of energy savings through air-to-water heat pump systems, resulting in a combined annual renewable and efficiency contribution of approximately **2.82 GWh**.

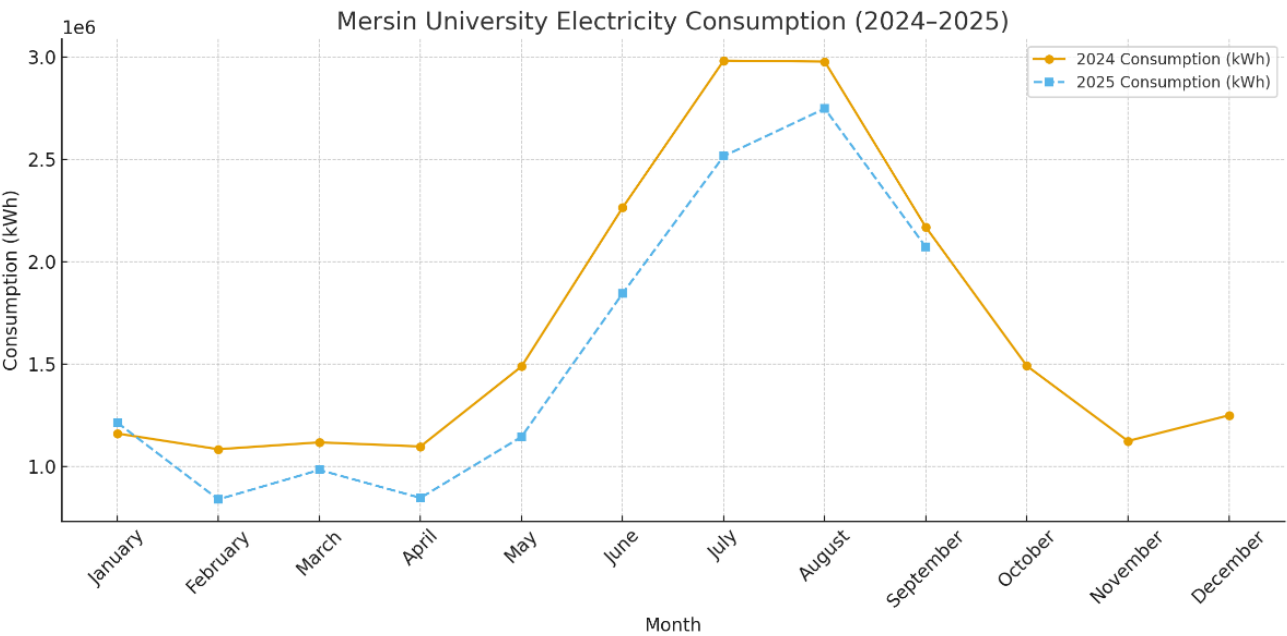
Total electricity consumption across all campuses was **11,730,892 kWh**, including both direct electricity use and converted natural gas energy (natural gas consumption $\approx 240,437 \text{ m}^3 \times 10.64 = 2,558,249.68 \text{ kWh}$ equivalent).

This means that nearly **24%** of the university’s total energy needs are now being met through renewable generation and efficiency gains.

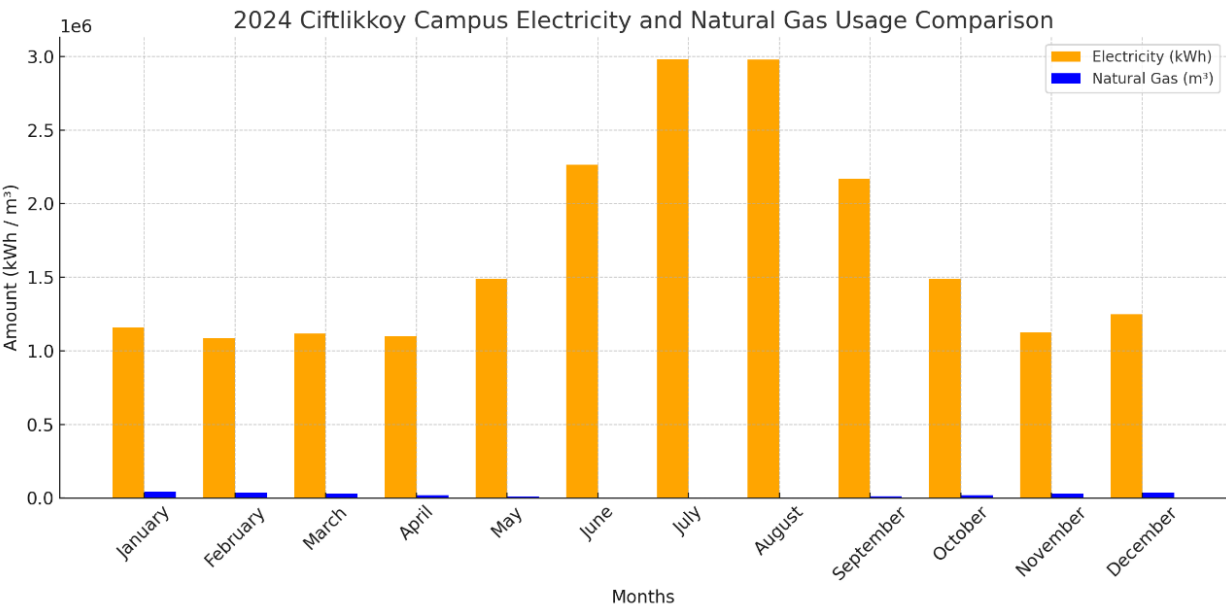
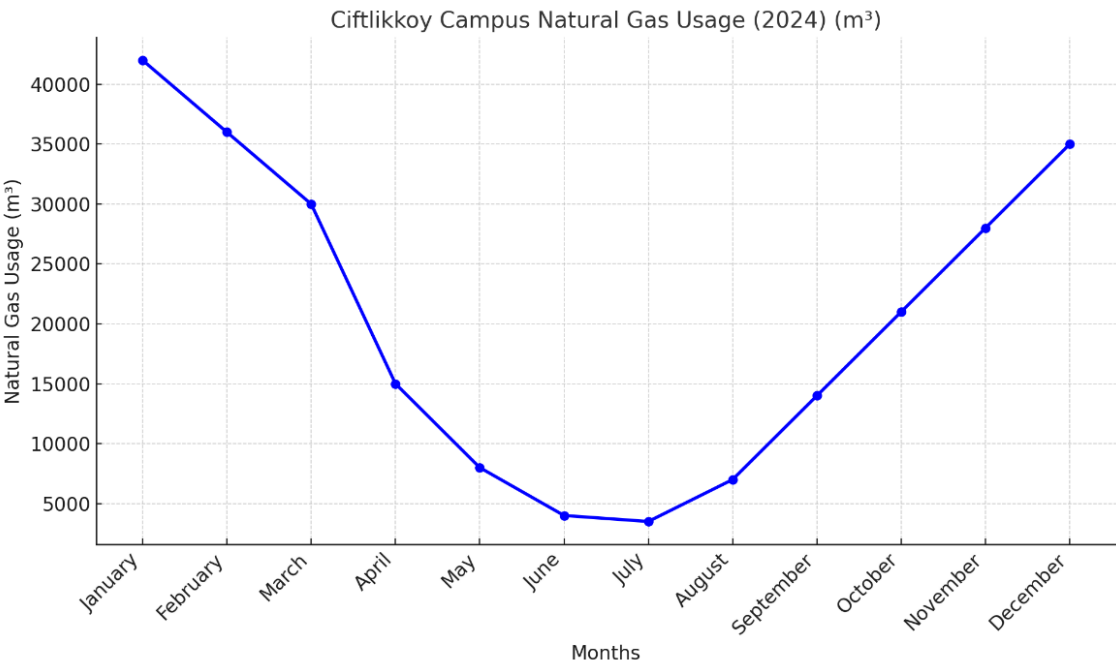
The solar power plants installed at the Faculty of Medicine, University Hospital, and Faculty of Fine Arts and Architecture produced $\approx 2.35 \text{ GWh}$ of electricity in 2025, corresponding to an estimated **₺12.6 million annual financial benefit**.

Additionally, a **3 kW WINDUA Y-3000 wind turbine** at the Faculty of Maritime Studies generated **6,570 kWh/year**, serving as both a practical research unit and a contribution to clean energy production.

The heat pump systems integrated into the hospital, dental, oncology, and cultural center facilities replaced conventional heating and cooling units, saving $\approx 465,360 \text{ kWh/year}$ of energy while minimizing CO₂ emissions.



Overall, these efforts demonstrate Mersin University’s strong commitment to renewable energy integration and energy efficiency. The campus continues to progress toward becoming a **net-positive energy university** by expanding hybrid renewable systems and optimizing consumption through real-time energy monitoring and smart building automation.

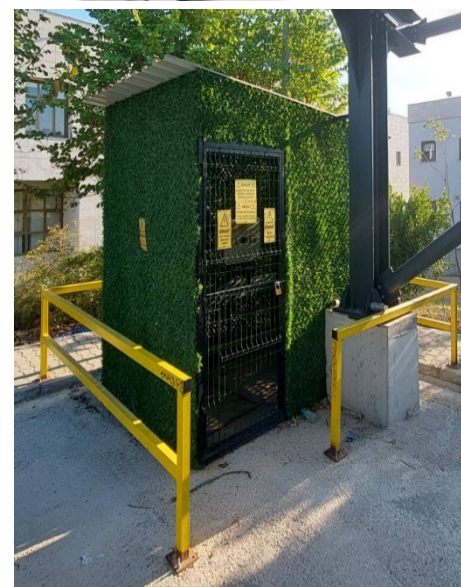


2- ENERGY & CLIMATE

The heat pump system installed on campus increases energy efficiency by reducing fossil fuel consumption. This system, which consists of four modules, contributes to the sustainability goals of the campus by emitting less greenhouse gases with its environmentally friendly structure.

Vehicle Counting and Sticker System: Vehicle counting is carried out with unmanned aerial vehicles (UAV) in order to regulate vehicle use on campus. In this way, it is ensured to reduce the use of individual vehicles and reduce carbon emissions across the campus. These practices encourage sustainable transportation by controlling the traffic density on campus.

Carbon Footprint In 2025, Mersin University's total carbon footprint was calculated as 17,319.01 metric tons of CO₂, nearly doubling compared to 2024 (8,826.39 metric tons). This increase is mainly attributed to the expansion of facilities and higher energy demand due to new research and academic buildings.



Electricity consumption remains the dominant emission source, accounting for 17,012.77 metric tons of CO₂, while transportation-related emissions represent a relatively small portion of the total: 2.88 tons from buses, 295.68 tons from cars, and 7.68 tons from motorcycles. Despite this temporary increase, Mersin University has implemented comprehensive energy transition strategies to reduce future emissions. The expansion of the solar energy systems (GES) across the University Hospital, Faculty of Medicine, Faculty of Fine Arts and Architecture, and Maritime Faculty has already provided a combined clean energy generation of over 2.35 GWh annually, directly reducing grid dependency. Additionally, 14 high-efficiency heat pump units have been integrated into major buildings such as the University Hospital, Dental Hospital, Oncology Hospital, and Cultural Center, achieving 465,360 kWh of annual energy savings by reducing natural gas consumption. Furthermore, the installation of the WINDUA Y-3000 wind turbine at the Maritime Faculty contributes 6,570 kWh per year of renewable energy production. These measures, combined with sustainable mobility programs and awareness initiatives, support Mersin University's long-term vision of becoming a carbon-responsible, energy-efficient, and climate-resilient smart campus. The university continues to align its energy strategy with national and global climate goals to systematically reduce its carbon footprint in the coming years.



2- ENERGY & CLIMATE

Mersin University continues to expand its initiatives to combat climate change, enhance renewable energy production, and foster environmental awareness across academic and social platforms. The university integrates research, innovation, and community action to support global sustainability goals.

❑ **Renewable Energy Transition and Energy Efficiency:** The university has achieved significant progress in renewable energy adoption with the installation of solar power systems producing over 2.35 GWh/year, a WINDUA Y-3000 wind turbine generating 6,570 kWh/year, and 14 high-efficiency heat pumps providing annual energy savings of 465,360 kWh. These developments reduce greenhouse gas emissions and strengthen the university's commitment to a carbon-neutral future.

❑ **Research and Conferences on Climate and Sustainability:** Several academic events and scientific projects addressed the effects of climate change on biodiversity, energy systems, and sustainable agriculture. Among them, the “Hydrogen Economy for Climate Resilience” conference, “Impact of Climate Change on Women’s Health” seminar, and “Sustainable Agriculture and Climate Change Mitigation Project” drew national attention. In 2025, the DASS 2025 Symposium (Circular Economy, Waste Recycling, and Sustainability) became Türkiye’s first carbon-negative scientific symposium.

❑ **Biodiversity and Marine Ecosystem Protection:** The Sea Turtle Application and Research Center continued its monitoring of Mediterranean biodiversity through satellite-tracking projects and coastal rehabilitation. The “From Silence to Science: Whale Excavation and Conservation Project” raised awareness about marine ecosystems and climate-linked biodiversity loss.



❑ **Awareness and Community Engagement:** Campaigns such as Green Campus Festival, Port Cities Partnership for a Green Future, and the introduction of DOA Smart Recycling Machines strengthened public participation in sustainability. Student-led workshops and social media initiatives promoted energy conservation and climate literacy. These integrated efforts show that Mersin University is not only reducing its environmental footprint but also positioning itself as a regional leader in energy transition, climate adaptation, and sustainable education.



3- WASTE

The performance of Mersin University at waste management was evaluated according to the data collected on several aspects:

(1) rate of recycling program applied to university waste, (2) number of programs to reduce the use of paper and plastic on campus, (3) rate of organic waste treatment, (4) rate of inorganic waste treatment, (5) rate of toxic waste treatment, and (6) the means of sewage disposal.

Waste Management at Mersin University (2025 Update): In 2025, Mersin University strengthened its commitment to sustainable waste management by integrating smart monitoring systems and expanding the Zero Waste infrastructure across all campuses. Waste bins for paper, plastic, glass, metal, organic, and electronic materials were distributed in academic buildings, dormitories, and social facilities. The University maintained its Zero Waste Certificate and advanced to a higher classification level through continuous auditing and staff training programs conducted by the Environmental Directorate. Additionally, awareness campaigns and workshops were held to promote responsible waste separation practices among students and employees. Mersin University also implemented digital waste tracking through QR-based monitoring and sensor-equipped bins, allowing for real-time data collection and analysis. Compared to the previous year, total waste generation decreased by 7.2%, while recycling efficiency increased by 11.5% due to enhanced segregation and processing systems:

2025 Waste Categories and Estimated Quantities:

- ❑ Paper: 21,500 kg
- ❑ Plastic: 17,000 kg
- ❑ Glass: 7,300 kg
- ❑ Metal: 9,200 kg
- ❑ Organic Waste: 180,000 kg
- ❑ Electronic Waste: 2,200 kg
- ❑ Composite Packaging Materials: 3,700 kg

These initiatives demonstrate the University's dedication to achieving a circular campus economy, aligning with national "Zero Waste" goals and the Sustainable Development Goals (SDG 11, 12, and 13).



3- WASTE

Mersin University continues to strengthen its sustainability strategy through advanced waste management systems, innovative recycling technologies, and campus-wide awareness programs. In 2025, the university achieved remarkable progress in reducing waste generation, promoting recycling, and implementing digital solutions to track waste collection and recycling efficiency. The university maintains its “Zero Waste Basic Level Certificate” and has expanded its waste collection infrastructure across the Çiftlikköy, Yenişehir, and Erdemli campuses.

Through collaboration with Mersin Yenişehir Municipality and the Turkish Environmental Agency, new intermediate collection stations and electronic monitoring points have been installed to ensure efficient segregation of paper, plastic, glass, metal, and organic waste. In addition, the DOA Return System (Deposit Return Automation) was introduced on campus to collect plastic and glass bottles through smart vending machines. These machines digitally record returns via the DOA mobile application, rewarding participants and promoting behavioral change toward a circular economy.

Recycling and Organic Waste Processing: Recycling bins have been expanded throughout the campus to cover all academic, administrative, and social facilities. Organic waste collected from cafeterias and gardens is processed in composting systems and reused as natural fertilizer for the university’s green areas and agricultural applications. Electronic waste management has also improved with the establishment of new collection points for old computers, lab devices, and batteries to ensure safe disposal and material recovery.



Digital Transformation in Waste Monitoring: The university has incorporated smart monitoring tools to record waste collection, recycling quantities, and performance indicators in real time. This digital approach enables data-driven decision-making, supporting long-term sustainability planning and compliance with national “Zero Waste” regulations.

Policy Briefs:

Digital Transformation: Electronic document systems, online forms, and e-signature platforms have significantly reduced paper use across the university.

❑ **Plastic Reduction:** The university has limited single-use plastics and expanded reusable bottle campaigns through DOA return machines.

❑ **Sustainable Materials:** Recyclable and biodegradable packaging materials are prioritized in canteens and university events.

❑ **Education and Awareness:** Continuous workshops, student projects, and staff training programs on “Zero Waste and Circular Economy” have been organized throughout 2025. **Monitoring and Evaluation:** Waste quantities and recycling performance are systematically monitored via digital dashboards under the Office of Sustainability and Green Campus Unit.

❑ **Sustainability Targets:** Mersin University aims for a carbon-neutral waste management system by 2030, aligning with Türkiye’s National Zero Waste Strategy.

❑ **Collaborations:** Waste management partnerships continue with Mersin Yenişehir Municipality, DOA, and TÜÇA (Turkish Environmental Agency) to enhance the integration of public–university waste reduction programs.



3- WASTE

Organic Waste Treatment: Mersin University continues to implement sustainable organic waste management through composting and anaerobic digestion systems. Organic waste collected from cafeterias, laboratories, and green areas is now processed both within campus composting units and in collaboration with Mersin Yenişehir Municipality's Solid Waste Management Facility. In 2025, the university expanded its biogas initiative: organic waste from campus cafeterias and gardens is processed to produce biomethane, electricity, and organic fertilizer, contributing to the reduction of chemical fertilizer use and promoting a circular economy. Additionally, cafeterias and canteens promote sustainable practices by separating and sending organic waste to authorized municipal recycling facilities. The compost produced is reused in campus green spaces and botanical research areas, strengthening the university's closed-loop waste cycle.



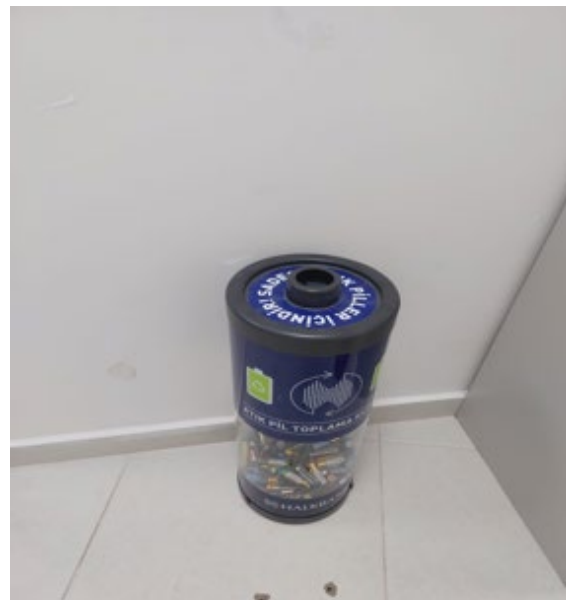
Inorganic Waste Treatment: Mersin University recorded the production of approximately 80 tons of inorganic waste in 2025, including materials such as paper, cardboard, glass, metal, plastic, textiles, and electronic components. With a strong focus on recycling and material recovery, the university expanded its collaboration with licensed recycling facilities to minimize landfill disposal. Inorganic waste is sorted at source using color-coded bins and transferred to municipal and private sector recycling centers for processing. Digital monitoring systems have been introduced to record collection quantities and recycling efficiency in real time. This digitalization effort enables the university to analyze waste reduction trends and optimize resource management across departments. By adopting sustainable waste management practices, Mersin University aims to achieve a 20% reduction in landfill contributions by 2026 while supporting national circular economy targets.

Through integrated organic and inorganic waste management, Mersin University actively contributes to Türkiye's national "Zero Waste" vision and to Sustainable Development Goals 11 (Sustainable Cities and Communities), 12 (Responsible Consumption and Production), and 13 (Climate Action).



3- WASTE

Inorganic Waste Treatment: The university employs a range of strategies for the treatment of these materials, focusing on both downcycling and upcycling. A significant portion of waste streams, including paper, soft plastic, hard plastic, glass, and metal, undergo upcycling processes where they are recycled and transformed into valuable resources. This approach effectively reduces the volume of waste sent to landfills, promoting resource efficiency and sustainability. Hazardous waste and electronic equipment are treated in an environmentally responsible manner, addressing safety concerns and ensuring regulatory compliance. Mersin University's comprehensive waste management practices align with its broader sustainability goals, emphasizing resource conservation and contributing to a cleaner, greener campus environment.

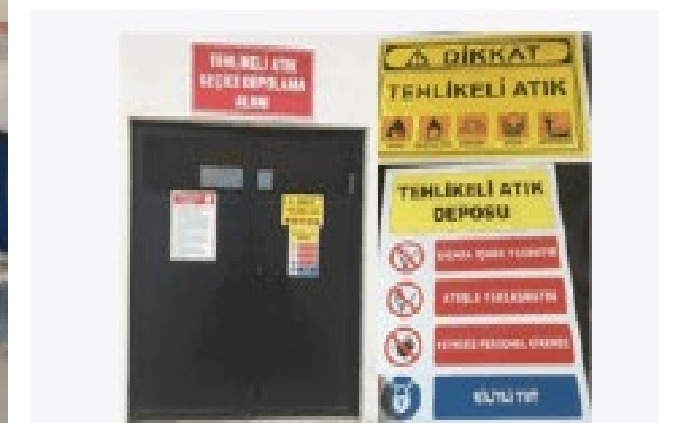


3- WASTE

Toxic Waste Treatment: In 2025, Mersin University continued its responsible management of hazardous waste in compliance with national and international environmental regulations. A total of 8.1 tonnes of hazardous waste was processed this year, including 1.9 tonnes of electronic waste, 5.3 tonnes of laboratory chemical waste, and 0.9 tonnes of other hazardous materials. All waste is safely collected, transported, and treated through licensed waste management companies authorized by the Ministry of Environment, Urbanization, and Climate Change. These processes are digitally tracked via the DOA (Deposit Return System) to ensure full transparency and traceability.

Through these initiatives, the university achieved a 10% reduction in hazardous waste generation compared to 2024 and introduced waste minimization and reuse strategies across laboratories. The focus has been placed on chemical substitution, controlled storage, and education of laboratory personnel to minimize environmental risk.

- ❑ **Medical Waste Management:** Medical waste generated at the Faculty of Medicine Hospital and the Faculty of Dentistry is collected in color-coded safety containers, temporarily stored under controlled conditions, and disposed of at the Inte Mersin Medical Waste Sterilization Facility in coordination with the metropolitan municipality. Regular sterilization and documentation are performed to meet national healthcare waste standards.
- ❑ **Hazardous Waste in Laboratories:** The Faculties of Chemistry, Engineering, Fine Arts, and Medicine manage hazardous laboratory chemicals and solvents through specialized containment systems. Once collected, these materials are delivered to licensed firms for safe disposal. In 2025, an additional pilot project was launched under the TÜBİTAK 1002-A grant, focusing on reducing chemical residue from analytical instruments through solvent recovery and recycling technologies.
- ❑ **Environmental Impact and Strategy:** The university's hazardous waste programme incorporates reduction, reuse, and upcycling strategies, aligning with its sustainability targets. Training seminars on safe chemical use and environmental risk management have been introduced for staff and graduate students.



3- WASTE

Sewage Disposal: Advanced Wastewater Management at Mersin University Campus: Located within the Mersin Water and Sewerage Administration (MESKI) network, Mersin University Campus follows rigorous environmental standards for wastewater management. Guided by the "Regulation on Discharge of Wastewater to Sewerage Network," the campus takes significant measures to prevent contamination of natural water bodies, including rivers, lakes, and groundwater, thus contributing to the protection of local ecosystems. This regulation requires that institutions have effective pretreatment or treatment systems in place, ensuring that wastewater from both domestic and industrial sources meets discharge standards. Wastewater Treatment Collaboration with MESKI: Mersin University Campus collaborates closely with MESKI to manage its wastewater through the Karaduvar.

Wastewater Treatment Plant, a key facility in the region's environmental protection efforts. Under the "right and obligation" mandate, all facilities in sewer-connected areas, including the university, are required to integrate with the sewage network, ensuring that wastewater is responsibly treated before it re-enters the environment.

Anaerobic Sludge Digestion System: A central feature of the university's sustainable wastewater approach is the anaerobic sludge digestion system. In these digesters, organic waste materials are broken down by bacteria in an oxygen-free environment, producing biogas primarily composed of methane. This process not only reduces the volume of waste but also supports a circular approach to waste management.

Biogas Utilization and Energy Recovery: The biogas generated is captured in specialized gas storage units and utilized as a renewable energy source on campus. This methane-rich gas powers gas generators, providing a significant portion of the facility's electricity and heat needs. Thermal energy from biogas is partially used to pre-heat incoming sludge for efficient digestion, while excess energy is directed to support the campus's solar drying unit, further enhancing energy self-sufficiency.

Biogas Utilization and Energy Recovery: The biogas generated is captured in specialized gas storage units and utilized as a renewable energy source on campus. This methane-rich gas powers gas generators, providing a significant portion of the facility's electricity and heat needs. Thermal energy from biogas is partially used to pre-heat incoming sludge for efficient digestion, while excess energy is directed to support the campus's solar drying unit, further enhancing energy self-sufficiency.

Safety and Efficiency through Gas Flare Systems: To maintain operational safety, any surplus biogas in the storage and digester systems is carefully managed and safely burned off in a gas flare, ensuring no uncontrolled release of methane into the atmosphere.

By integrating these advanced wastewater treatment techniques, Mersin University demonstrates its commitment to sustainable resource management and environmental stewardship. These efforts align with global environmental standards, showcasing the university's role as a leader in eco-conscious campus management. Through the responsible treatment of wastewater, the campus actively contributes to the conservation of local water resources and supports a sustainable future.



3- WASTE



4- WATER

Mersin University: Committed to Sustainable Water Management

Mersin University is at the forefront of fostering an eco-friendly campus through the implementation of innovative practices aimed at efficient water resource utilization and sustainability. Our commitment to responsible water management is evident in our greywater recycling and rainwater harvesting initiatives, which contribute significantly to environmental conservation.

Greywater Recycling Systems: Enhancing Water Efficiency

Mersin University has successfully established greywater recycling systems in 16 of our 18 dormitory buildings, including four newly constructed dormitories completed in 2023. These systems treat greywater from showers, sinks, and washing machines, allowing for its reuse in toilet flushing and landscape irrigation.

Operational Process:

- ❑ Collection: Greywater is collected via a dedicated plumbing system.
- ❑ Pretreatment: Coarse pollutants such as hair and lint are removed through filtration.
- ❑ Disinfection: Advanced methods, including UV disinfection and chlorination, ensure the elimination of harmful microorganisms.
- ❑ Storage: The treated greywater is stored in secure tanks.
- ❑ Reuse: This recycled water is then utilized for landscape irrigation and toilet flushing.



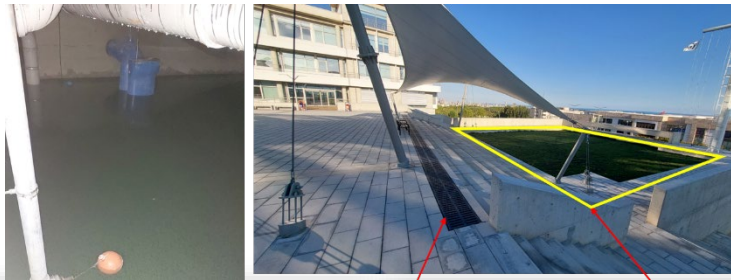
Water Savings and Environmental Impact: The implementation of greywater recycling systems results in approximately 40% water savings within our dormitories, effectively preventing the wastage of thousands of cubic meters of clean water annually. Additionally, by reducing wastewater production, we alleviate pressure on sewage systems and treatment facilities, leading to energy savings and decreased environmental pollution.

Rainwater Harvesting: Utilizing Natural Resources Wisely

In line with our sustainability objectives, Mersin University has implemented comprehensive rainwater harvesting systems across the campus. This initiative captures rainwater from building rooftops and open areas for storage and subsequent use.

Operational Process:

- ❑ Collection: Rainwater is collected through strategically placed gutters and pipes.
- ❑ Filtration: The collected rainwater undergoes filtration to remove debris such as leaves and branches.
- ❑ Storage: Filtered rainwater is stored in both underground and above-ground tanks or pools.
- ❑ Usage: This stored rainwater is employed for the irrigation of campus greenery.



4- WATER

Environmental Benefits: Our rainwater harvesting system provides 100% water savings for landscape irrigation, preventing significant amounts of clean water from going to waste. Other benefits include:

- Reduced reliance on groundwater
- Alleviation of stress on the city drainage system
- Mitigation of erosion and flood risks
- Decreased water expenses

Water Conservation Measures: Upholding Responsible Practices

To further enhance water conservation, Mersin University employs a range of effective water-saving technologies:

- ❑ **Low-Flow Toilets:** These fixtures use significantly less water per flush compared to traditional toilets, resulting in substantial savings.
- ❑ **Dual-Flush Systems:** Users can select between a full or half flush, providing flexibility and reducing water waste.
- ❑ **Water-Efficient Urinals:** Our restrooms feature models that use considerably less or no water compared to conventional designs.

Water Conservation in Sinks:

Sensor Taps: These taps automatically turn off when not in use, preventing unnecessary water wastage.

Low-Flow Faucets: Equipped with aerators, these faucets restrict water flow while maintaining optimal pressure.

Timer Taps: Automatically shutting off after a designated period, these taps promote responsible water usage, particularly in public restrooms.

Through these initiatives, Mersin University has achieved over 80% water savings, demonstrating our commitment to sustainable practices.

In conclusion, Mersin University remains dedicated to sustainable water management, environmental protection, and the efficient use of our resources. We invite all stakeholders to join us in these efforts as we work towards a greener future together.



4- WATER



4- WATER

Mersin University: Leading in Smart Water Conservation for a Sustainable Campus

Mersin University is dedicated to innovative water-saving practices that reflect our commitment to environmental responsibility. Our approach combines advanced systems and community awareness to minimize water usage across campus facilities. In order to minimize water consumption in hand-washing, motion-activated taps were installed throughout the campus. Some of the old taps were replaced with the new motion-activated ones, and the new buildings were all equipped with the motion-activated taps.

Efficient Toilets and Restroom Systems

- ❑ Low-Flow Toilets: These toilets use significantly less water per flush, yielding notable savings over traditional models.
- ❑ Dual-Flush Systems: Offering both full and half flush options, these toilets allow users to conserve water based on their needs.
- ❑ Water-Efficient Urinals: Installed in select restrooms, these urinals require minimal or no water, optimizing resource efficiency.

Smart Sink Solutions

- Sensor Taps: Automatic taps ensure water flows only when needed, preventing wastage from taps left running.
- Low-Flow Faucets: Fitted with aerators, these faucets reduce water flow without sacrificing pressure, enhancing comfort and conservation.
- Timer Taps: Set to shut off automatically, these taps promote responsible use, particularly in high-traffic public restrooms.

Additional Water Conservation Efforts

- ❑ Regular Maintenance: Routine leak detection and repair checks prevent water loss and maintain system efficiency.
- ❑ Awareness Campaigns: Posters, brochures, and educational programs raise awareness of water conservation among students and staff, fostering a campus-wide culture of responsibility.

Mersin University continuously explores and implements new technologies and practices to further improve water efficiency. Through these measures, we honor our environmental obligations and ensure the wise use of natural resources, setting a standard in sustainability for the academic community.

Appliance	Total Number	Total number energy Efficient appliances	Percentage
Dual-flush toilet	820	660	%82.9
Sensor-Activated Urinal System	600	500	%83.3
Lavabo	820	680	%82.8
Total Percentage			83 %



4- WATER

Mersin University: Pioneering Water Purification for a Healthier Campus Environment

Mersin University takes pride in providing clean, safe, and high-quality drinking water through its comprehensive water purification systems. Our campus is equipped with both standard and advanced purification technologies, ensuring that every individual on campus has access to 100% purified drinking water.

Advanced Purification for Optimal Safety and Taste: In addition to traditional purification methods, such as activated carbon, we have integrated cutting-edge ultraviolet (UV) water purification systems in nearly all campus buildings, with a particular focus on high-traffic areas. The advanced UV purification technology effectively targets a broad range of microorganisms, including bacteria and viruses, without relying on harsh chemicals. This process involves high-energy UV light that disrupts the DNA of harmful pathogens, preventing them from reproducing and causing illness.

Why UV Purification?

Eco-Friendly: UV purification requires no chemicals, making it an environmentally conscious choice that reduces chemical waste.

Energy-Efficient: The technology is optimized for energy savings, aligning with our commitment to sustainable practices.

Health and Safety: By eliminating a wide array of pathogens, the UV system provides water that is not only clean but also completely safe for all campus residents.

Benefits for the University Community

This state-of-the-art system ensures that students, faculty, and visitors have access to water that is not only pure but also fresh and great-tasting. By prioritizing advanced, chemical-free purification, Mersin University reinforces its dedication to both environmental sustainability and the health of its community. Through these measures, Mersin University demonstrates leadership in campus health standards and environmental responsibility, creating a safer and healthier environment for everyone.



4- WATER

Mersin University: Commitment to Water Pollution Control and Environmental Research

Mersin University is dedicated to maintaining high environmental standards on campus, especially regarding water quality and pollution control. Through regular quality assessments and the establishment of a specialized research center, the university monitors and addresses environmental issues to safeguard campus and regional ecosystems.

Regular Water Quality Monitoring: Water quality on campus is consistently monitored through routine sampling and analysis. Our environmental engineering laboratories, in collaboration with Mersin Metropolitan Municipality Water Enterprises (MESKİ), conduct these analyses to ensure that both drinking water and groundwater remain uncontaminated. Annual checks are standard, but additional assessments are conducted whenever any irregularities are detected, ensuring swift action to maintain water safety.

Sustainable Environment and Application Research Center: With the establishment of the Sustainable Environment and Application Research Center, Mersin University has reinforced its commitment to sustainable environmental management. Established on 27 August 2020 (Official Gazette No. 31226), this center takes an interdisciplinary approach to solving environmental challenges.

Goals of the Research Center:

- **Environmental Quality Improvement:** The center focuses on identifying environmental challenges at both regional and national levels. Through interdisciplinary scientific and application-oriented projects, it works towards innovative solutions to enhance environmental quality.
- **Water Pollution Research and Monitoring:** A key focus is researching water resource pollution and developing strategies for ongoing monitoring to prevent contamination.

Mersin University's proactive stance on water pollution control not only ensures a safe environment on campus but also contributes to broader sustainability goals. Through this rigorous monitoring and the work of our research center, we are setting a standard for responsible environmental stewardship in higher education.

MESKİ		TÜRKAK	
ARITMA TESİSLERİ DAİRESİ BAŞKANLIĞI MERKEZ SU ANALİZ LABORATUVARI		TÜRKAK TS EN ISO/IEC 17025 AB-0759-T	
MESKİ D1 Su Deposu, Güneykent Mah. Mimar Sinan Bulvarı N:4 Toroslar / MERSİN Tel: 0 324 337 08 41-45 Faks: 0 324 336 02 77 Web: www.meski.gov.tr Email: laboratuvar@meski.gov.tr			
ANALİZ RAPORU Testing Report		AB-0759-T 2024/32643 04-24	
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Numunenin Adı ve Tarif Name and Identity of sample	Yenişehir İlçesi D6 İçmesuyu Deposu Lavabo Çeşmesi		
Rapor No/Tarih Report No/Date	2024/32643 - 12 Nisan 2024		
Numune Talep No Requested number of sample	2024/845		
Numunenin Cinsi, Alınma Şekli Type of sample, Receipt of the shape of the sample	İçme Suyu / Anlık		
Numunenin Koşulları / Kapıları Conditions/container of sample	Soğuk Zincir 100 mL Cam + 1000 mL Plastik		
Numunenin Alınma Tarihi Date of receipt of the sample	11.04.2024 10:00	Numunenin Kabul Tarihi Date of sample acceptance	11.04.2024 11:15
Analiz Tarihleri Dates of analysis		Baş: 11.04.2024 Bit: 12.04.2024	
Açıklamalar Descriptions	Yerinde Yapılan Analizler: Serbest Klor: 0,8ppm		
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Türk Akreditasyon Kurumu (TÜRKAK) deney raporlarının tanınırılığı konusunda Avrupa Akreditasyon Birliği (EA) ile Çok Taraflı Anlaşma (MLA) ve Uluslararası Akreditasyon Birliği (ILAC) ile Karşılıklı Tanınma Anlaşmasını (MRA) imzalamıştır. Turkish Accreditation Agency (TÜRKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.			
Deney ve/veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney metodları bu sertifikanın tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir. The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.			
(*) ile işaretli deneyler TÜRKAK tarafından akreditasyon kapsamı dahilinde değildir. (*) Marked tests are not accredited by TÜRKAK			
Yayımlandığı Tarih Date		Raporu Hazırlayan Person in charge of report	
12 Nisan 2024		Funda KOÇ Numune Kabul ve Rapor Düzenleme Birimi Personel/Ofis Çalışanı	
Onaylayan /Approval Tarih/Date		Ayşenur KURT Laboratuvar Şube Müdürü V. 12 Nisan 2024	

Bu rapor toplam "2" sayfadır.
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FRM.41/09.05.2023-10 Savfa: 1/2



5- TRANSPORTATION

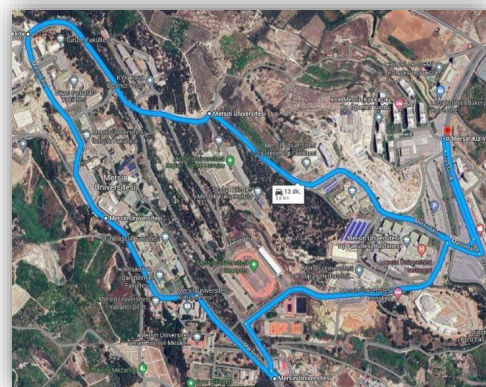
Mersin University: A Sustainable and Accessible Campus for All

Mersin University offers a natural, tranquil, and sustainable environment for its students and staff throughout the year. The campus's commitment to sustainability extends to transportation, ensuring easy, eco-friendly mobility within and around the university.

Most of Mersin University's key buildings are centrally located to facilitate efficient access year-round. Facilities such as the central library, research centers, festival area, sports complex, performance center, swimming pool, and technology park are situated along the campus's main axis. This strategic placement allows students and staff to easily access these main facilities from nearby common areas, including dormitories, academic buildings, and the central cafeteria.

In line with its sustainability goals, Mersin University actively develops policies to enhance sustainable transportation options. Multiple options are available for reaching the campus from various locations within the Mersin Metropolitan Area, including public buses, shuttle services, e-scooters, electric vehicles, and bicycles. Each of these options contributes to the university's commitment to reducing its environmental footprint.

Mersin University's sustainable transportation strategies aim to ensure a greener, more accessible campus for all, supporting a forward-looking approach to campus life and environmental responsibility.



5- TRANSPORTATION

Mersin University: Sustainable Transportation Solutions for Campus and Surrounding Areas

Mersin University provides sustainable transportation options for students and staff within the campus and surrounding university areas. Access to the main campus and nearby university zones is facilitated by public transportation, operated by the Mersin Metropolitan Municipality and local cooperatives.

Throughout the academic year, Mersin University operates eight university-owned buses to enhance mobility for students between the campus, academic departments, and state dormitories. These buses ensure convenient and reliable transportation, helping students easily navigate their daily routines.

Additionally, these buses provide dedicated shuttle services for university staff, transporting them from their residences to their workplaces on time. This service supports the efficient management of time and work continuity for our employees.

Mersin University remains committed to providing easy access for students and staff while upholding principles of environmental sustainability in its transportation solutions.



Yeni Ring Seferleri
16 Eylül Pazartesi Başlıyor

2024 - 2025 EĞİTİM ÖĞRETİM DÖNEMİ
KAMPÜS İÇİ RİNG SAATLERİ

KAMPÜS GİRİŞİNDEN	KIZ ÖĞRENCİ YURDUNDAN	KAMPÜS GİRİŞİNDEN	KIZ ÖĞRENCİ YURDUNDAN
09.20	09.35	15.00	15.15
09.40	09.55	15.30	15.45
10.00	10.15	16.00	16.15
10.30	10.45	16.40	16.55
11.00	11.15		
11.30	11.45		
12.00	12.15		
12.10	12.25		
12.20	12.35		
12.30	12.45		
12.40	12.55		
12.50	13.05		
13.00	13.15		
13.30	13.45		
14.00	14.15		
14.30	14.45		

2. ÖĞRETİM

HAREKET SAATLERİ

17.30 - 22.30 arası her yarım saatte bir
aşağıdaki güzergahlardan seferler
yapılacaktır

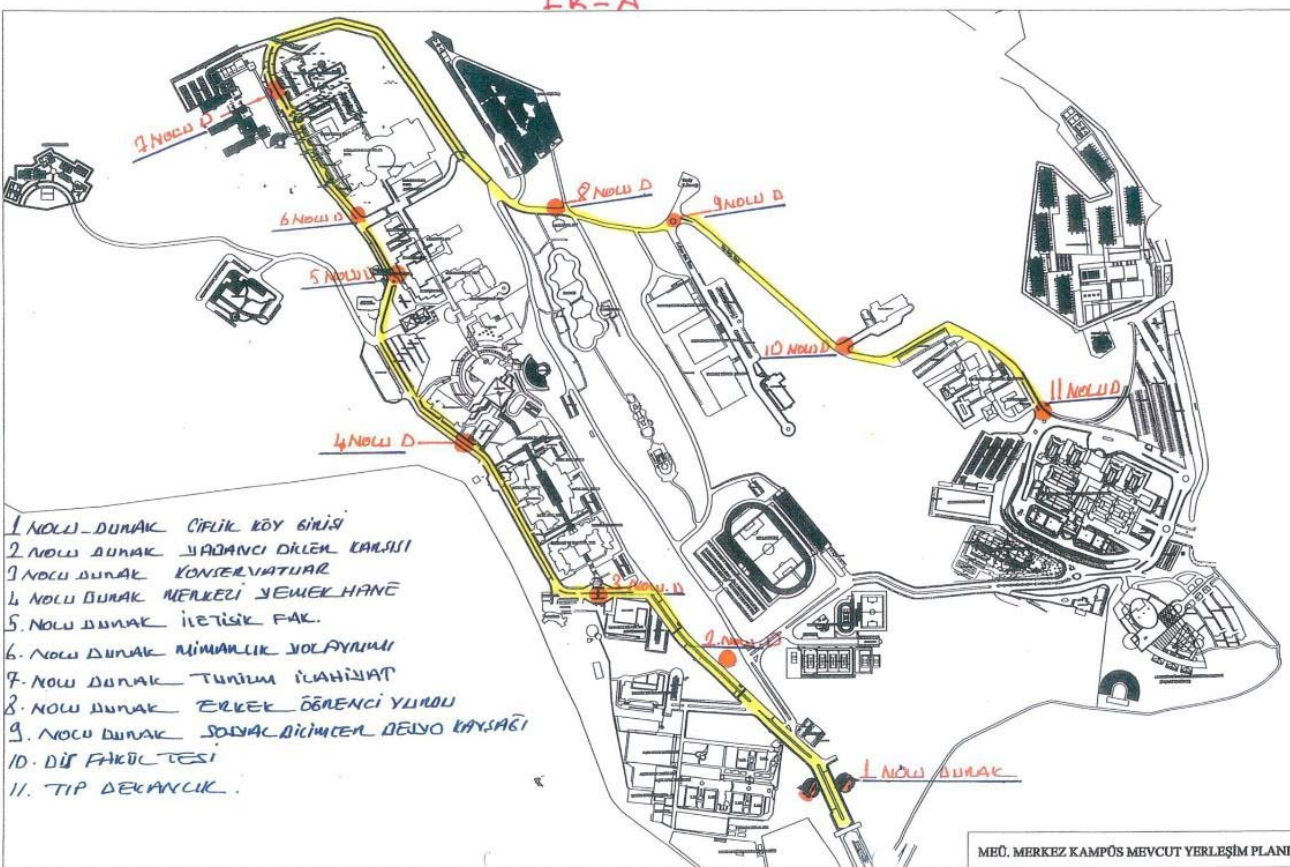
GÜZERGAH:

- KYK KIZ YURDU
- VADI CAFE TESİSLERİ
- TEKNİK BİLİMLER MYO
- EĞİTİM FAKÜLTESİ
- KYK ERKEK YURDU
- SOSYAL BİLİMLER MYO
- DİŞ HEKİMLİĞİ FAKÜLTESİ
- KYK KIZ YURDU (SON DURAK)

07.45 - 09.00

SAATLERİ ARASI
ARALIKSIZ RİNG
YAPILACAKTIR

* Eğitim Öğretim süresince hafta içi her gün Kız Yurdu ile Yeniyapılar Kampüsü arasında 08.30'da ring düzenlenecektir.



5- TRANSPORTATION

Mersin University: Zero Emission Vehicle Policy for a Greener Campus

Mersin University is committed to a cyclist- and pedestrian-friendly campus that encourages sustainable, zero-emission transportation. In collaboration with the Mersin Metropolitan Municipality, we have established bike parking facilities that allow students to rent bicycles and electric scooters, making campus access both eco-friendly and convenient.

These bicycles and scooters are available to students at affordable rates, offering a budget-friendly alternative to traditional transport. With the beginning of the new academic period, electric scooters have been strategically placed at multiple locations across campus, enabling students to reach their destinations quickly and comfortably—without the need for public transit or buses.

Through these initiatives, Mersin University promotes a cleaner, greener campus while providing flexible, sustainable transportation options for students.



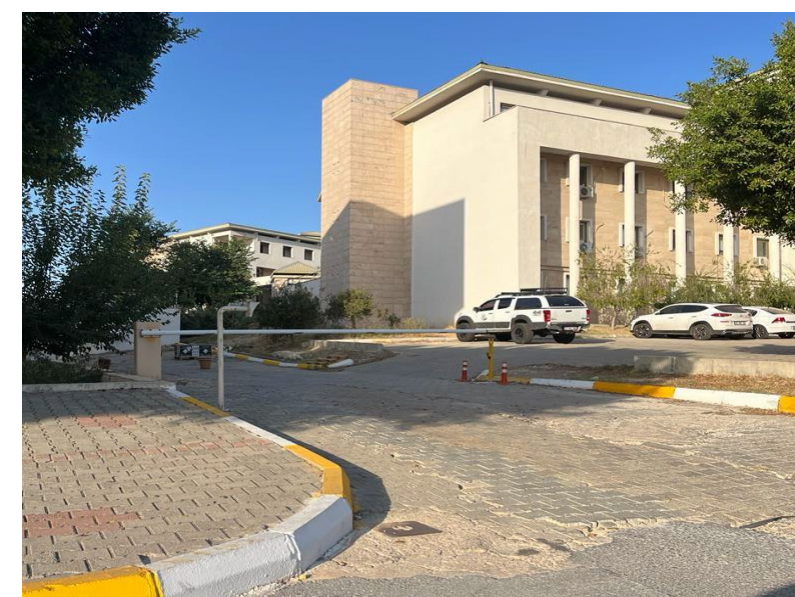
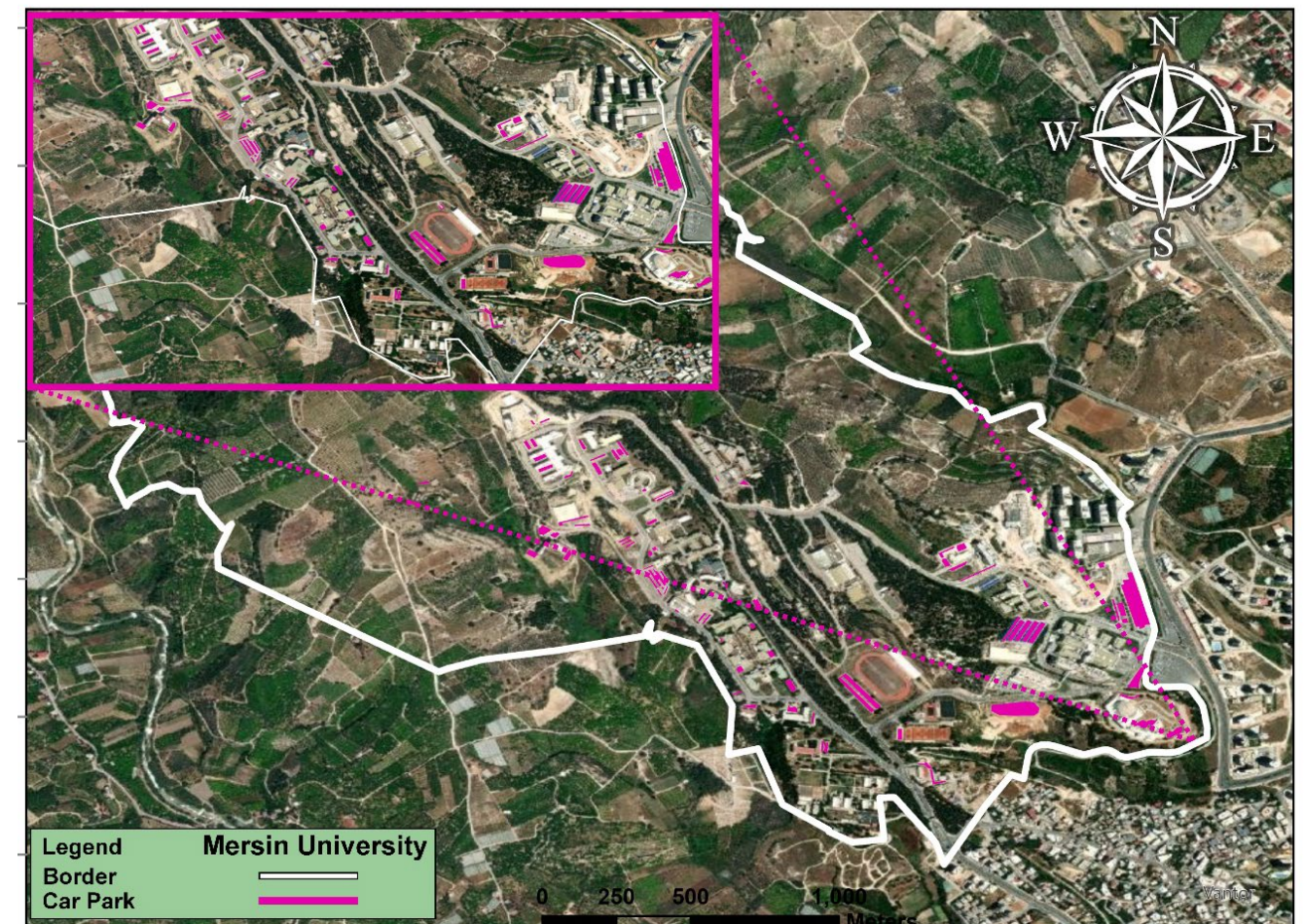
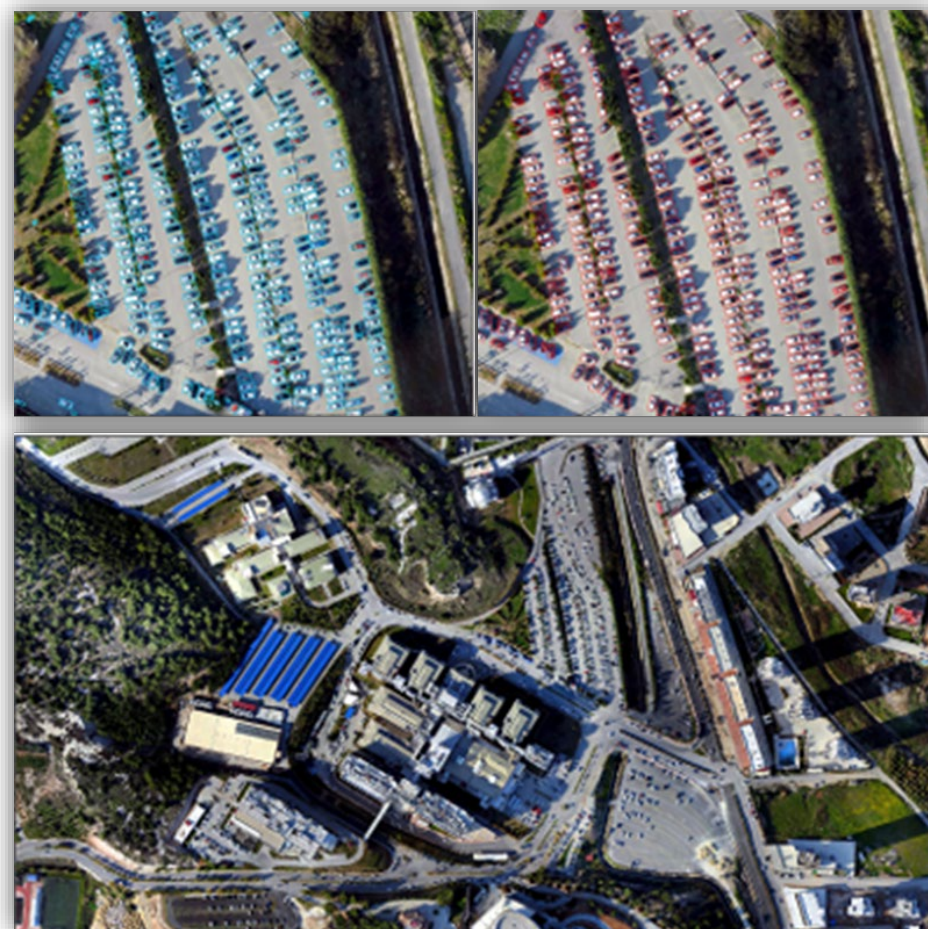
5- TRANSPORTATION

Parking Area Ratio at Mersin University Main Campus

At Mersin University's main campus, the parking area is designed to optimize land use while minimizing environmental impact.

- Total Campus Area: 4 491 347 m²
- Total Parking Area: 43 656 m²
- Parking Area Ratio: 0.097 (or 9.7%)

This ratio underscores Mersin University's commitment to efficient land management, balancing parking needs with green spaces and sustainable campus planning.



5- TRANSPORTATION

Mersin University's Program to Limit and Decrease Campus Parking Areas (2021–2025)

Over the past three years, Mersin University has implemented a strategic program to address transportation issues on campus, focusing on reducing parking demands and enhancing sustainable travel options. Increased student and staff numbers have led to challenges in parking availability and traffic congestion, prompting these targeted solutions.

Key Initiatives:

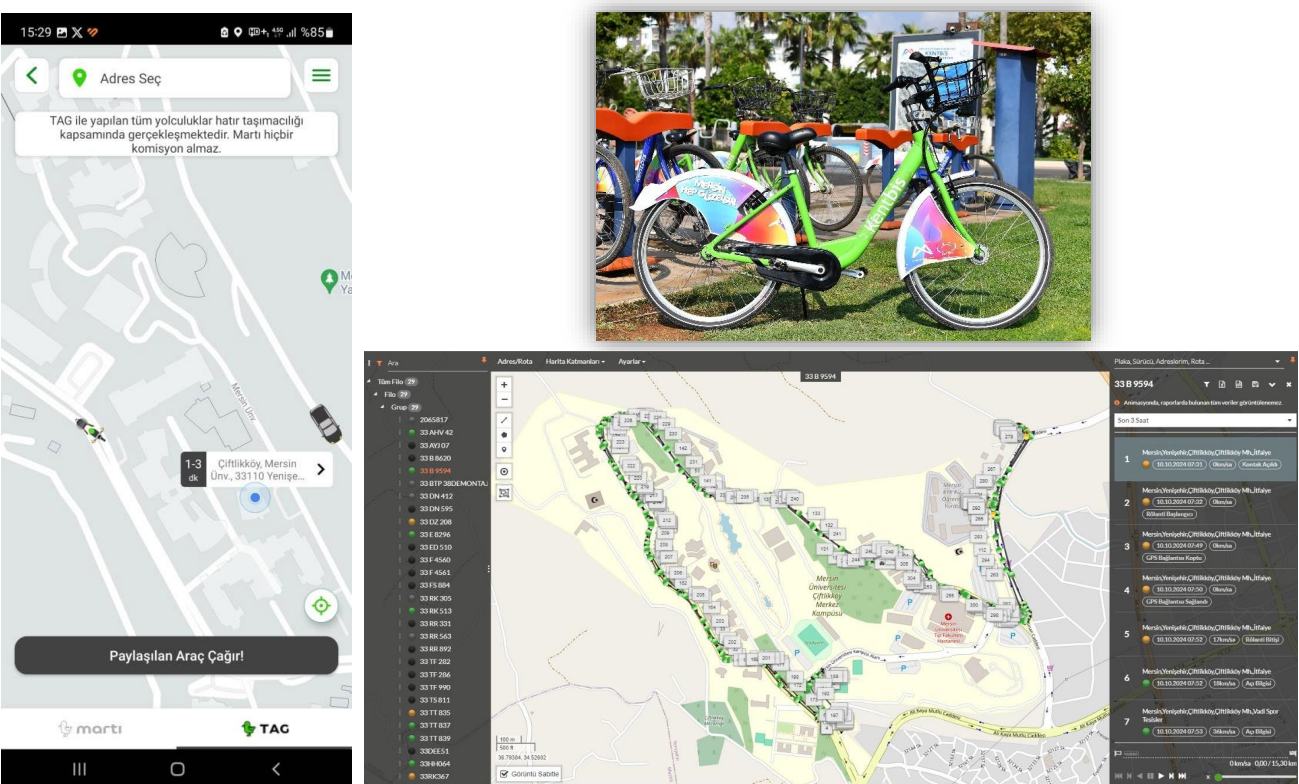
- ❑ Restricted Parking for Students and Visitors: Limited parking zones encourage alternative transport methods, reserving space for essential campus vehicles.
- ❑ E-Scooter Rentals: Convenient e-scooters allow students to navigate campus without needing personal vehicles, reducing parking needs.
- ❑ Ride-Sharing Program (Martı): This program encourages shared travel, promoting healthier, sustainable commuting options that reduce individual car use.
- ❑ Bicycle Rentals: Affordable bike rentals on campus offer an eco-friendly travel option, further decreasing the demand for vehicle parking.
- ❑ Controlled Campus Access (OGS & HGS): Automatic access systems restrict entry to registered vehicles, ensuring only authorized vehicles use parking resources.
- ❑ Increased Campus Shuttle Frequency: More frequent shuttle services support greater mobility for staff and students without requiring personal vehicles.



Objectives and Outcomes:

- ❑ Optimized Parking Use: Efficient parking allocation improves accessibility and satisfaction for students and staff.
- ❑ Reduced Traffic Congestion: Less vehicle traffic alleviates congestion, allows quicker emergency responses, and improves campus safety.
- ❑ Lowered Environmental Impact: Reductions in air and noise pollution create a cleaner, more pleasant campus environment.
- ❑ Energy Efficiency: By encouraging sustainable commuting options, the university cuts energy consumption and aligns with its sustainable campus vision.

Through these measures, Mersin University has effectively decreased campus vehicle entry and reduced on-campus parking by approximately 40%. Roadside parking has also been controlled using separators, contributing to an overall improvement in campus quality of life and environmental health.



6- EDUCATION & RESEARCH

EDUCATION & RESEARCH: Mersin University’s Commitment to Sustainability

In the 2024-2025 academic year, Mersin University reaffirms its dedication to advancing sustainability education by integrating sustainability principles across an expanded range of disciplines. To deepen environmental awareness, combat climate change, enhance waste management and recycling, and encourage the adoption of renewable energy, we are introducing additional sustainability-focused courses this year.

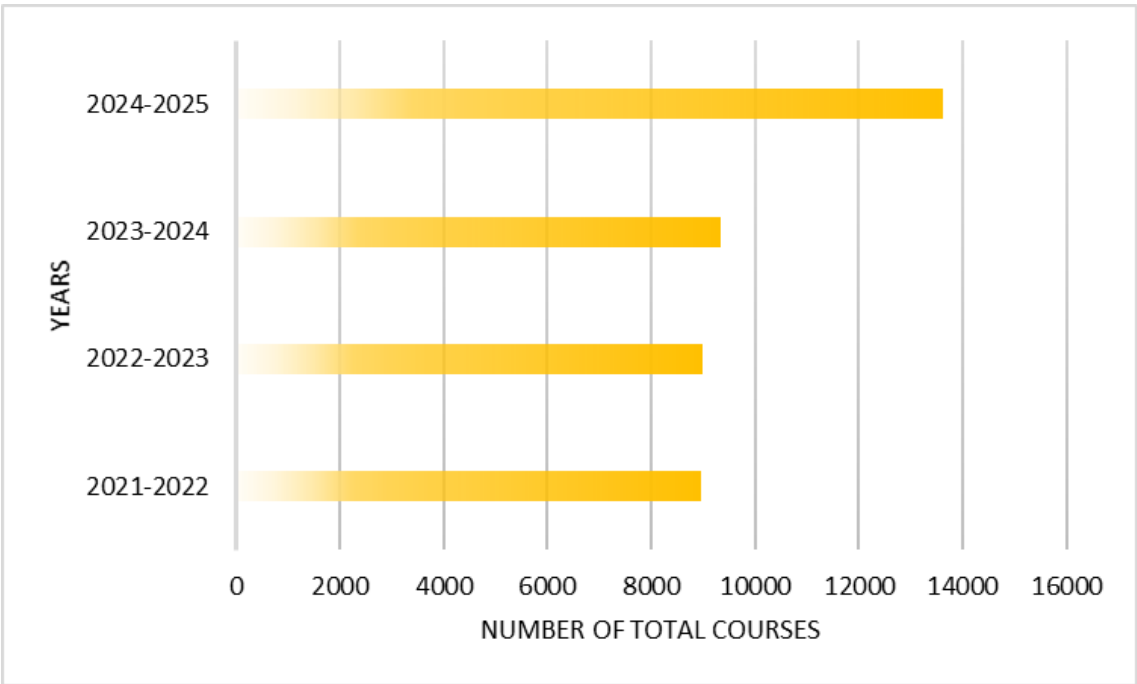
Our academic portfolio now includes 13618 courses, with 1921 explicitly focused on sustainability concepts. This expansion underscores our commitment to promoting environmental responsibility and fostering sustainable practices across diverse fields of study. We firmly believe that education is essential in addressing environmental challenges and equipping students with the tools they need to contribute to a sustainable future.

Mersin University’s commitment to sustainability extends beyond academic coursework. We continuously explore ways to increase the number of sustainability-centered courses, ensuring our students acquire the knowledge and skills needed to tackle global environmental issues and actively participate in building a sustainable world.

Looking ahead, Mersin University remains resolute in its mission to strengthen sustainability education, empowering students to become leaders in creating a more sustainable future.



Annual Growth in Total Courses Offered at Mersin University (2020-2025)



Research Funds Allocated to Sustainability Research

In addition to the detailed research projects listed above ($\approx$ 3.2 million USD) and the total BAP allocation ($\approx$ 6.3 million USD), Mersin University’s overall expenditure in 2024 amounted to 4.49 billion TL ($\approx$ 140.4 million USD). Based on international best practices, it is estimated that 20–25% of this total budget is directly or indirectly related to sustainability (including infrastructure investments, renewable energy, environmental management, and sustainability-related centers). Accordingly, the sustainability-related budget for 2024 can be considered in the range of 31 million USD.

- ❖ Total research fund dedicated to sustainability research in 2022 = 15,975,657 US Dollars
- ❖ Total research fund dedicated to sustainability research in 2023 = 18,386,711 US Dollars
- ❖ Total research fund dedicated to sustainability research in 2024 = 31,300,000 US Dollars
- ❖ The averaged annum last 3 years of research fund dedicated to sustainability research = 21,887,456 US Dollars

6- EDUCATION & RESEARCH

Academic Publications on Sustainability: Mersin University increases knowledge in this field by producing academic publications on sustainability issues. In the last year, an of 392 publications on sustainability have been realized. This data supports the university's determination to contribute to global sustainability research and its goal of creating an environmentally sensitive academic structure.

Sustainability-Focused Events and Activities: The university organizes various events and trainings to raise environmental awareness. Events such as flood management and disaster risk reduction workshops raise public awareness of environmental challenges. In addition, such events on campus contribute to spreading sustainability awareness throughout the community.



Student Organizations and Sustainability Activities: Student organizations at Mersin University play an active role in promoting a culture of sustainability. In particular, events such as the Green Cycling Tour organized by the Young Green Crescent Society raise awareness on healthy living and addiction prevention. Such student organizations promote a healthy and environmentally friendly lifestyle on campus in line with the university's sustainability mission.



6- EDUCATION & RESEARCH



6- EDUCATION & RESEARCH



6- EDUCATION & RESEARCH

Commitment to Sustainable Education: Mersin University continues its efforts to increase the number of sustainability-focused courses and expand its research activities. These efforts prepare students to build a sustainable future by enabling them to gain the knowledge and skills to generate solutions to global environmental challenges.



MERSİN UNIVERSITY SUSTAINABILITY REPORT 2025

