



TOKAT GAZİOSMANPAŞA UNIVERSITY **CAMPUS SUSTAINABILITY**

» R E P O R T «

2025

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FOREWORD

As the Rector of Tokat Gaziosmanpaşa University, I am immensely proud to present our Campus Sustainability Report, a comprehensive testament to our institution's unwavering commitment to ecological stewardship, social responsibility, and green innovation. In an era defined by global climate urgency, universities must transcend their traditional boundaries of education and research to act as living laboratories for sustainable transformation. At our university, we do not view sustainability as a mere compliance requirement, but as a core institutional value embedded within our academic DNA and operational frameworks. To this end, throughout the past year, we have successfully implemented numerous comprehensive activities and initiatives across both environmental and social dimensions of sustainability, effectively driving our green transformation forward.

Moving forward, our shared journey is guided by a clear vision for continuous improvement. Tokat Gaziosmanpaşa University is deeply dedicated to pioneering a more energy-efficient, digitally optimized, and ecologically balanced future. We will continuously upgrade our campus infrastructure with smart building technologies, expand our renewable energy integrations, and intensify our resource-conservation strategies to systematically reduce our carbon footprint. I extend my deepest gratitude to our academic and administrative personnel, our innovative students, and our local stakeholders whose shared vision and tireless efforts make these achievements possible. Together, we will continue to cultivate a vibrant, sustainable campus community that honors our ecological heritage while safeguarding a prosperous world for future generations.

Prof. Dr. Fatih Yılmaz
Rector, Tokat Gaziosmanpaşa University

Report's Purpose and Content

The Campus Sustainability Report 2025, prepared by our Coordination Office, serves as a transparent and data-driven reflection of Tokat Gaziosmanpaşa University's institutional commitment to green transformation, resource optimization, and social equity. The fundamental purpose of this report is to systematically document, measure, and evaluate the progress of our university's environmental, economic, and social sustainability operations. By establishing verifiable performance baselines, this document guides our future strategic actions and showcases how academic knowledge is translated into sustainable practices that safeguard our regional ecosystem.

In pursuit of these programmatic objectives, our coordination framework is guided by mission and vision focused on driving regional development and ecological awareness. We are fundamentally dedicated to minimizing institutional environmental impacts while transforming our campuses into highly livable, eco-conscious learning environments through advanced research, education, and social responsibility initiatives. By cultivating innovative and climate-resilient individuals, our strategic vision positions Tokat Gaziosmanpaşa University as a pioneering leader that actively designs the sustainable life models of the future and safeguards global environmental resources.

Our university's structured sustainability efforts are consistently validated within prestigious international frameworks. Based on 2025 data, Tokat Gaziosmanpaşa University ranks among the Top 1000 universities worldwide across 15 distinct sustainability areas in the THE Impact Rankings, achieving prominent national placements in SDG 2: Zero Hunger (8th), SDG 6: Clean Water (15th), SDG 12: Responsible Consumption (19th), and SDG 16: Strong Institutions (19th). Concurrently, our institution has secured the 182nd position globally in 2025 and ranks 19th overall in Türkiye in the UI GreenMetric World University Rankings, marking an outstanding climb of 74 places internationally compared to the previous year.

To provide a comprehensive overview of our performance, the core of this document is structurally integrated into the *Campus Sustainability Initiatives and Actions* section. This section holistically evaluates our campus dynamics across seven core thematic areas: settlement and infrastructure, energy and climate change, waste management, water management, transportation, education and research, and governance and digitalization. All data utilized in this report encompasses the actions and activities that took place at our university during the year 2025. The data was compiled from the relevant academic and administrative units via our university's Electronic Document Management System (EBYS) between March 2026 and May 2026, and the accuracy and verification of the submitted data fall entirely under the responsibility of the respective reporting units. We extend our sincere gratitude to all colleagues who supported us during the data collection process for their valuable contributions to the preparation of this report.

Moving forward, Tokat Gaziosmanpaşa University is dedicated to enhancing resource efficiency and long-term ecological balance across its campuses. The Campus Sustainability Coordination Office will continuously focus on expanding sustainability initiatives, organizing academic and cultural events to raise environmental awareness, and strengthening strategic collaborations. Through these sustained efforts, our university will persistently strive to build a more climate-resilient and sustainable learning environment for future generations.

Campus Sustainability Coordination Office

Report Content and Relationship with Sustainable Development Goals

Our university's sustainability activities are carried out across a wide spectrum ranging from infrastructure to governance, and from education to waste and water management. All efforts and targets presented in this report are directly aligned with the Sustainable Development Goals (SDGs) established at the global level by the United Nations. The image below illustrates how each strategic focus area on our campus contributes to global environmental, social, and governance-oriented development goals, as well as the specific SDGs with which these processes correspond.

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Prepared through the compilation of data collected from the administrative and academic units responsible for carrying out sustainability activities and initiatives, this report covers our university's sustainability activities in 2025 and information regarding the current physical condition of our campuses. The report was prepared by the staff of the Campus Sustainability Coordination Office

Campus Sustainability Coordination Office staff

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Policies and strategies regarding sustainability at our university are determined by the decision of the Sustainability Coordination Board. Information on the content of board meetings is published on the office's official website at surdurulebilirlik.gop.edu.tr

TOGU Sustainable Campus Policies

“Campus sustainability policies were approved by our university senate on June 25, 2026, with resolution number 01-10 and entered into force as an official policy document.”

Tokat Gaziosmanpaşa University is an institution that extends beyond the conventional mandate of knowledge production and dissemination; it actively seeks to generate measurable ecological and societal benefits. In this regard, the University assumes a vital institutional role in securing a sustainable future through its operational practices and academic research. The educational and research activities conducted at our institution, alongside environment-centric operations and public engagement initiatives, are executed with an explicit recognition of our responsibility to safeguard a viable world for future generations. These endeavors and operations are governed by strategic frameworks designed to advance our campuses, our city, our nation, and the global community toward a sustainable equilibrium.

In executing its core missions of education, research, and public service, Tokat Gaziosmanpaşa University adopts the "United Nations" (UN) "Sustainable Development Goals" (SDGs) as its guiding framework. In alignment with the "2030 Agenda for Sustainable Development", the University has adopted a comprehensive methodology that integrates environmental, social, and economic development. Within this scope, the University aims to:

- Integrate sustainability principles across all educational and instructional areas to systematically cultivate student awareness regarding environmental degradation, social justice, and economic sustainability (**Enhancing Sustainability Consciousness in Education**).
- Enhance campus sustainability by implementing energy efficiency, water conservation, waste management, and expansion of green areas (**Developing a Sustainable Campus**).
- Pioneer the application of scientific data to drive sustainable development by supporting research focused on renewable energy resources, clean water, and climate change (**Prioritizing Sustainability in Research Projects**).
- Contribute to regional development through active engagement with local communities and the execution of social responsibility initiatives (**Enhancing Social Interaction**).

Vision

To be a leading higher education institution that adopts environmental, economic, and social sustainability principles at local and global scales; leads the realization of sustainable development through scientific research and innovative applications; preserves the regional ecosystem; supports societal progress; and establishes a model for future sustainable living.

Mission

To contribute to sustainable development through education, research, and public service; to minimize environmental impacts; and to make the campuses and their surroundings viable for a sustainable future. Furthermore, the mission is to educate innovative and entrepreneurial individuals who possess a strong sense of social responsibility, respect nature, and develop solutions to local and global problems, thereby working toward building a sustainable world.

1. SUSTAINABILITY POLICIES REGARDING SETTLEMENT AND INFRASTRUCTURE

With the strategic objective of becoming a more sustainable and liveable university, Tokat Gaziosmanpaşa University develops the physical infrastructure of its campuses by adopting the 'Green Campus' concept. The spatial planning of educational and research facilities across our campuses accounts for regional climatic conditions, topography, soil structure, water resources, and associated ecological parameters. Since its establishment, the University has maintained a balanced equilibrium between hard surfaces and green spaces within its settlement plans. For every new building requirement, building footprints are minimized, and design strategies aimed at qualitatively enhancing green areas are implemented.

1.1. Core Strategies for Settlement and Infrastructure

- Reduce energy consumption and losses while increasing energy utilization efficiency.
- Expand the deployment of renewable energy systems in existing structures and ensure their prioritization in all new capital projects,
- Implement measures to maximize efficiency in renewable energy generation, transmission, and distribution, thereby reducing infrastructural electrical losses,
- Improve indoor and outdoor atmospheric air quality across all campus facilities,
- Establish an efficient waste and recycling management system,
- Ensure sustainable land utilization, rational water resource management, and the preservation of natural assets,
- Conducting studies to ensure disaster-resilient construction conditions across all our campuses,
- Improving the quality and quantity of green spaces across our campuses,
- Reconfigure all building stocks and recreational domains to ensure universal accessibility for individuals with disabilities or special needs,
- Prioritizing the concept of "environmental sustainability" in technical and social decision-making processes across university ecosystem and management approaches,
- Act in alignment with current international sustainability indices (such as UI GreenMetric and THE Impact Rankings) and current international policies.

1.2. Strategic Objectives, Targets, and Action Plans for Settlement and Infrastructure

Table 1. TOGÜ Sustainable Settlement and Infrastructure Planning Strategies

STRATEGIC OBJECTIVE	TARGET	ACTION ITEM	TERM
Qualitative and quantitative enhancement of campus green spaces	Increasing the presence of green spaces on campus	Conducting afforestation and planting activities to create new green spaces	Short-Term
		Conducting studies that emphasize land-use efficiency and soil health on campuses	Medium-Term
		Increasing the amount of open and green space per capita	Medium-T.
	Preservation and enhancement of campus flora and fauna	Developing plans for the maintenance of existing vegetation	Short-Term
		Creating suitable living conditions for campus wildlife and strengthening human-nature-animal relations	Medium-Term
	Enhancing campus users' interaction with green spaces	Strengthening the relationship of students and staff with green spaces	Short-Term
		Evaluating the use of green spaces on campus and determining expanded utilization targets	Medium-Term
		Improving open spaces such as squares, walkways, and recreation areas, and creating new recreation areas	Medium-Term
Making infrastructure, superstructure, and facilities sustainable	Improving open spaces such as squares, walkways, and recreation areas, and creating new recreation areas	Raising awareness on water recycling and conservation, and conducting studies for planning processes	Long-Term
	Increasing energy-efficient infrastructure and superstructure works	Integration of renewable energy applications into existing structures	Long-Term
		Installation of renewable energy facilities (solar, wind energy) and development of existing facilities	Medium-Term
		Making plans for the long-term implementation of smart and/or green building standards on campus	Medium-Term
		Integrating solutions that ensure efficient use of energy into campus open spaces and recreation areas	Medium-Term
Improvement of security, accessibility, and health conditions	Ensuring security in indoor and outdoor areas	Maintenance and repair of campus open spaces	Short-T.
		Resolving issues that pose safety/security risks in buildings, other structures, and recreation areas	Short-Term
	Ensuring the adequacy of health facilities	Improving health facilities and developing actions regarding the campus family health center and counseling services	Short-Term
	Creating disaster-resilient built environments	Developing disaster assembly areas	Medium-T.
		Conducting studies to make buildings resilient against disasters and to ensure regular execution of maintenance-repair processes	Long-Term
	Ensuring the accessibility of existing buildings and structures	Transforming all buildings, structures, and open spaces in accordance with accessibility requirements	Medium-Term

2. SUSTAINABILITY POLICIES REGARDING CLIMATE CHANGE AND ENERGY MANAGEMENT

The sustainable administrative policies governing the campuses of Tokat Gaziosmanpaşa University incorporate fundamental goals including the conservation, equitable distribution, and efficient utilization of natural assets, alongside robust preparedness for systemic crises. Energy management strategies deployed at the TOGÜ Taşlıçiftlik Campus encompass significant technical interventions designed to mitigate escalating electrical load demands driven by growth in student-staff populations and building footprints. These strategies aim to encourage the efficient use of electricity consumption and generation, while ensuring the sustainability of power generation sources and the security of the campus' electricity supply.

2.1. Fundamental Energy Management Strategies

- **Awareness Raising and Capacity Building:** Organizing training and seminar programs for students, staff, and the community, and conducting awareness campaigns to encourage the efficient use of electricity consumption across all campuses.
- **Deployment of Efficient Systems and Equipment:** Widely implementing energy-efficient devices, such as high-efficiency motors, pumps, motion-sensor lighting, and LED fixtures, that reduce electricity consumption, prevent waste, and ensure a more efficient use of power.
- **Sustainable Landscape Management:** Minimize auxiliary electrical draws across open campus vectors, pedestrian walkways, and roadways by integrating astronomical time relays and high-efficiency smart LED fixtures. Select high-efficiency motor-pump configurations for hydrological irrigation networks to ensure maximum volumetric delivery at minimized electrical loads.
- **Electricity Generation Management:** Build an eco-friendly infrastructure profile by deploying extensive solar photovoltaic arrays across available open-air and roof surfaces to scale up on-site renewable energy generation.
- **Stakeholder Collaboration and Partnerships:** Cultivate deep operational cooperation with grid distribution utilities, energy retail companies, student unions, academic/administrative bodies, regional municipal administrations, public organs, civil society organizations, and professional chambers to execute joint technical initiatives and maximize broader social awareness.
- **Continuous Improvement:** Ensure periodic audits of electrical efficiency, savings metrics, and generation targets under the direct supervision of the specialized Energy Management Unit to implement continuous technical iterations.

2.2. Strategic Objectives, Targets, and Action Plans for Climate Change and Energy Management

To achieve efficient and optimized energy management, the targeted action items formulated by the University include:

- Operate in close synergy with external distribution utilities, retail providers, municipal organs, corporate entities, and civil organizations to execute collaborative grid-management initiatives aligned with national and international energy compliance targets.
- Quantitatively scale up peer-reviewed scientific publications and funded research projects focusing on demand-side electrical efficiency and renewable energy integration frameworks.
- Expand specialized course offerings across associate, undergraduate, master's, and doctoral curricula covering advanced electrical efficiency principles and renewable energy technology frameworks.
- Implement the replacement of old infrastructure with high-efficiency motors, intelligent pump arrays, and solid-state LED configurations managed by presence-detection sensors to optimize passive consumption fields.

- Support and clear institutional pathways for student-led organizations to conduct independent social responsibility initiatives and awareness campaigns focusing on electrical conservation.
- Institutionalize continuous in-service professional training modules for administrative and academic staff regarding baseline energy conservation protocols.
- Execute wide-reaching community engagement operations to raise public literacy regarding renewable resource harvesting and domestic energy conservation.
- Maximize the localized micro-generation footprint of the university through targeted infrastructural investments to ease reliance on external macro-grid supplies.
- Increase the technical deployment index of high-efficiency electric motor-pump variants and smart outdoor LED armatures across all exterior spaces.
- Scale up total volumetric kilowatt-hour yields derived from on-site zero-emission renewable installations.
- Systematically suppress the net per capita electricity consumption index across all campus demographics.
- Implement immediate technical retrofits for high-consumption systems identified through real-time efficiency audits, and establish standardized lifecycle replacement protocols for aging armatures and pumps.
- Synchronize campus pathway and landscape illumination schedules with verified dark hours through automated astronomical data systems to eliminate daylight over-illumination.
- Minimize power losses in common civic zones by utilizing advanced motion-sensing lighting controls.
- Formulate, execute, and structurally monitor capital engineering projects centered on multi-source renewable energy generation systems.
- Deploy comprehensive analytical systems to prevent unauthorized, irregular, or technically deficient electrical consumption across all facilities.
- Draft formal protocols and technical cooperation agreements with energy distribution and retail entities to maximize demand-side management optimization.
- Convene regular expert panels, academic symposia, and public town halls in cooperation with aligned NGOs to build public momentum around clean generation and efficient consumption.
- Establish a high-performance, systematic stakeholder communication matrix ensuring transparent reporting and active multi-tier participation.
- Develop, execute, and monitor advanced energy management initiatives by benchmarking verified global best practices from leading international academic and scientific institutions.
- Broaden the network of regional, national, and international institutional partners to strengthen the foundational governance of energy management policies.
- Enhance the quality, stability, and distribution parameters of campus electrical power while driving targeted projects to increase per capita generation and decrease per capita consumption indices.
- Execute systematic macro-economic analyses and financial return-on-investment (ROI) monitoring for all institutional energy expenditure and generation portfolios.
- Implement comprehensive, campus-wide decarbonization protocols to systematically lower net greenhouse gas emissions.
- Develop strategic infrastructure projects that incentivize electric vehicle (EV) deployment, and integrate high-capacity EV charging networks into the overarching university transportation grid.
- Execute targeted climate-literacy initiatives to build institutional awareness regarding climate change feedback loops, emphasizing individual carbon-footprint mitigation.

- Execute deep structural transformations across existing building assets to satisfy established smart-building performance criteria.
- Plan all future campus building designs to embody smart and/or green building characteristics.

Table 2. TOGÜ Energy Management Strategies

STRATEGIC OBJECTIVE	TARGET	ACTION ITEM	TERM
Increasing energy-saving and emission reduction measures	Reduction of greenhouse gas emissions	Identifying measures for the reduction of greenhouse gas emissions and conducting planning studies	Medium-Term
		Conducting awareness and planning studies towards the goal of becoming a carbon-neutral university in the long term (in alignment with Türkiye's 2053 carbon-neutral target)	Long-Term
	Increasing energy savings	Prioritizing the use of energy-efficient appliances that reduce energy consumption in lighting, heating, and other building systems.	Short-Term
Increasing the quantity and improving the quality of renewable energy sources on campus	Increasing renewable energy sources on campus	Identifying potential implementation areas through feasibility studies for new renewable energy sources	Medium-Term
		Designing and implementing renewable energy facilities	Medium-Term
	Maintenance, repair, and efficiency-enhancing applications for existing renewable energy sources on campus	Determining efficiency measurement results for existing renewable energy sources	Short-Term
		Conducting studies to determine and regularly monitor building maintenance and repair requirements	Medium-Term
Conducting roadmap, feasibility, and implementation studies for green and smart building applications on campus	Determining the existing campus building stock and creating a database containing building data (number of floors, footprint, energy and water consumption), drawings, and modeling	Conducting planning studies to compile and record technical documentation and consumption data (energy and water consumption) of buildings	Medium-Term
		Conducting feasibility studies for creating an interactive database and completing these feasibility studies in the short term	Medium-Term
	Evaluating green and smart building criteria specifically for campus buildings and preparing relevant roadmaps	Conducting planning studies to determine parameters for building upgrades	Medium-Term
		Identifying buildings suitable for green and/or smart building transformation post-feasibility and conducting studies for project design	Medium-Term
		Researching national and international financing sources for green and/or smart building transformation within the scope of feasibility studies	Long-Term

3. SUSTAINABILITY POLICIES REGARDING WASTE MANAGEMENT

Faced with global increases in the volume and diversity of waste materials, institutional models must incorporate zero-waste principles through an integrated approach. This strategy ensures alignment with sustainable development goals, controls waste streams, and preserves a clean, advanced, and habitable nation for coming generations. Tokat Gaziosmanpaşa University constructs its waste management policies in compliance with statutory environmental frameworks, maintaining high environmental sensitivity. Waste management operations are executed in accordance with the 'Zero Waste Regulation' promulgated by the Ministry of Environment, Urbanization, and Climate Change, alongside related environmental legislation. The management hierarchy applied to all institutional waste streams encompasses distinct phases: source-reduction, reuse, material recycling, and final safe disposal. To oversee the systematic planning, execution, and auditing of these waste-related activities, the University has established the specialized 'Zero Waste Management Coordinatorship'.

Under the direct operational oversight of the Coordinatorship, a centralized temporary waste storage facility has been constructed and commissioned at the main campus. Structural transitions toward comprehensive zero-waste operations within all campus dining facilities have been initiated, with full operational deployment targeted for the short-term window. Furthermore, the Coordinatorship regularly organizes systematic information campaigns and professional training seminars for academic staff, administrative personnel, and students, while driving targeted campaigns to incentivize waste minimization and source-separation. In compliance with statutory requirements, the University is executing phased technical adjustments across all academic and administrative units—including verified staff training, standard deployment of color-coded source-separation receptacles, informative signage, certified temporary storage management, and comprehensive data logging—to attain formal institutional 'Zero Waste Certificates'. The formulation and deployment of an overarching Waste Management Plan to monitor real-time generation, sorting, and disposal metrics stands as a primary strategic target for the university executive body.

3.1. Core Strategies for Waste Management

The operational frameworks enforced by the Zero Waste Management Coordinatorship across TOĞÜ campuses are defined as follows:

- All administration and disposal processes governing waste generated within institutional boundaries must comply with statutory provisions established under Environmental Law No. 2872 and all associated secondary regulations.
- During the execution of waste segregation, collection, transport, recovery, and final disposal phases, it is mandatory to deploy engineering methods that eliminate risks to water systems, atmospheric air quality, soil matrix integrity, and regional flora/fauna. Operational processes must prevent public nuisances stemming from noise, mechanical vibration, or odor, protecting public health and environmental integrity.
- The systematic segregation of distinct waste categories at the immediate point of generation is a mandatory operating principle.
- The transport and disposal of regulated waste streams must be executed exclusively by personnel, corporate bodies, or public entities holding valid environmental transport and disposal licenses issued directly by the provincial directorates or the central Ministry of Environment, Urbanization, and Climate Change. However, waste categories exempt from specific technical licensing mandates shall be transported via authorized municipal infrastructure.

3.2. Strategic Objectives, Targets, and Action Plans for Waste Management

- Systematically suppress baseline waste generation volumes at the point of origin.
- Drive upward trends in quantitative recycling yields and material reuse indexes across all departments.
- Cultivate deep zero-waste behavioral paradigms across all student and personnel demographics.
- Expand high-performance waste segregation infrastructure across the entire university footprint.
- Optimize waste management protocols to directly lower the net institutional carbon footprint.
- Enforce source-separation for all generated waste categorized by type (recyclable dry materials, organic fractions, hazardous materials, medical waste, electronic scrap, etc.).
- Govern all waste handling processes in accordance with national statutory codes and modern environmental regulations.
- Collect, transport, and dispose of hazardous and medical waste through licensed companies
- Establish the necessary infrastructure and commercial/public partnerships to channel recyclable fractions back into the circular economy.
- Encourage waste-minimization practices (such as comprehensive digitization, paperless administrative workflows, and component reuse) across all academic and administrative branches.
- Convene recurring technical training workshops, specialized academic seminars, and awareness campaigns for students and staff.
- Deploy optimized inventories of standardized waste-segregation stations across all common campus spaces and guarantee their high-performance utilization.
- Systematically track, log, and report institutional waste management performance metrics to ensure continuous process optimization.
- Prioritize eco-labeled, minimally packaged, and fully recyclable options within institutional procurement and supply chain frameworks.
- Conduct all stakeholder interactions (involving students, staff, visitors, and contractors) in alignment with the waste management policy.
- Maintain active operational coordination and joint project execution with the National Zero Waste Foundation.
- Assume an active stakeholder role within national and international waste minimization networks and symposia.
- Operate in continuous, direct communication with the central Ministry of Environment, Urbanization, and Climate Change to fulfill all evolving legal obligations.

Table 3. TOGÜ Waste Management Strategies

STRATEGIC OBJECTIVE	TARGET	ACTION ITEM	TERM
Establishing reduce, reuse, recycle-based programs on campus and improving existing practices	Increasing the number of recycling awareness studies on our campuses	Organizing educational programs and seminars for awareness-raising within the scope of waste reduction, reuse, and recycling	Short-Term
	Preparing, implementing, and monitoring the waste management plan	Increasing the number and variety of waste collection equipment and improving their quality	Short-Term
		Increasing the number, capacity, and quality of temporary storage areas on campuses, and improving communication and coordination with external stakeholder facilities	Medium-Term
		Ensuring appropriate conditions for all campuses to receive the Zero Waste Certificate	Medium-Term
		Regularly monitoring the performance indicators identified in the waste management plan	Medium-Term
	Conducting sustainability and circular economy-based activities on campus	Researching research and incentive opportunities to develop sustainability and circular economy-based studies on campus, and monitoring training opportunities for relevant staff	Medium-Term
Reducing the amount of waste	Reducing waste generation	Making arrangements to minimize the generation of recyclable waste across all units of the university	Short-Term
		Conducting studies to promote deposit-refund schemes with internal and external stakeholders on campus (such as campus cafes, social facilities, and markets) to reduce the use of recyclable wastes	Medium-Term
	Determining and monitoring waste volume	Determining the waste volume in tons as organic, inorganic, and hazardous waste, and regularly performing relevant data entries	Short-Term
		Determining the reuse potential on campuses	Short-Term
Conducting studies regarding waste disposal	Ensuring the sorting of waste as organic, inorganic, and hazardous waste	Organizing events to increase the awareness of staff and students regarding waste sorting	Short-Term
		Increasing the number of relevant waste bins and improving existing ones for disposing of waste by sorting it into organic, inorganic, and hazardous categories	Short-Term
	Disposal of sorted waste	Strengthening cooperation with local governments and other external stakeholders for waste disposal	Medium-Term
		Enhancement of the production capacity of the composting facility for organic waste recycling	Long-Term
		Improving the physical conditions regarding waste storage and transportation	Medium-Term

4. SUSTAINABILITY POLICIES REGARDING WATER MANAGEMENT

The deployment of policies for sustainable water resources ensures the efficient, high-performance governance of hydrological assets, protecting long-term water security and institutional sustainability. Synthesizing the direct impacts of climate change on macro-hydrological cycles, these strategies guarantee the transgenerational preservation of clean, unpolluted, and secure water reserves. At TOĞÜ, the utilization of water infrastructure is governed by advanced water management strategies rooted in a sustainable paradigm.

Current water management operations focus on mapping the volumetric capacity, replenishment dynamics, and qualitative chemical profiles of the deep groundwater aquifers that supply the university's domestic and irrigation needs, combined with systemic conservation protocols. The scope of water management includes reducing gross consumption, expanding conservation frameworks, and protecting natural recharge zones. To ensure optimized efficiency, the formulation and execution of the formal Water Management Plan was initiated at the main Taşlıçiftlik Campus. The current infrastructure has been audited from a water-security perspective, yielding concrete technical recommendations for advanced water conservation technologies.

Furthermore, the rational, scientifically audited management of local groundwater reserves—which fulfill the campus's primary irrigation and domestic demands—stands as a critical strategic requirement for maintaining the university's verified green and sustainable campus status. To achieve this objective, the university runs ongoing technical projects to determine net groundwater potential, hydrochemical characteristics, baseline quality indices, and pollution risks. To maximize hydrological efficiency, specific strategic objectives, targets, and actions have been formalized.

4.1. Core Strategies for Water Management

Water management policies across TOĞÜ campuses are built upon the following core operational components:

- **Awareness Raising and Capacity Building:** Organize structured educational curricula, specialized technical symposia, and public awareness campaigns targeting the student body, workforce, and regional community to integrate a culture of water conservation.
- **Deployment of Water-Saving Systems and Equipment:** Widely deploy fixtures and equipment that reduce water consumption, prevent waste, and ensure more efficient water use, such as including low-flow aerated faucets, high-efficiency dual-flush sanitary systems, infrared presence-detection and pedal-operated valves, pressure-compensating aerators, and automated smart irrigation systems.
- **Sustainable Landscape Management:** Program all campus green space irrigation to occur during periods of minimal evapotranspiration. Prioritize drought-tolerant, climate-aligned native flora, and utilize harvested rainwater and natural surface run-off to reduce reliance on primary treated water stocks.
- **Wastewater Management:** Maintain modern infrastructure to collect and treat effluent streams separate from clean water channels, guaranteeing safe discharge compliance aligned with statutory environmental standards.
- **Stakeholder Collaboration and Partnerships:** Cultivate active partnerships with student organizations, academic departments, administrative divisions, municipal water utilities, public bodies, and professional engineering chambers to drive collaborative water projects and raise broader public literacy.

- **Continuous Improvement:** Enforce systematic, data-driven periodic reviews of water-use efficiency, savings records, and infrastructural management goals to drive ongoing technical improvements.

4.2. Strategic Objectives, Targets, and Action Plans for Water Management

- Establish active partnerships and execute joint technical projects with regional, national, and international water governance bodies, academic researchers, corporate stakeholders, and community organs aligned with international water-security frameworks.
- Increase the total volume of peer-reviewed scientific papers and funded research projects investigating modern water-use efficiency and advanced purification architectures.
- Expand specialized academic course options within associate, undergraduate, and postgraduate curricula covering advanced hydrology, water conservation engineering, and climate-induced drought management.
- Install technical fixtures and equipment in buildings, such as low-flow aerated faucets, water-saving sanitary systems, and automated smart irrigation configurations.
- Support and clear institutional pathways for student-led clubs to execute autonomous social responsibility initiatives focused on water conservation awareness.
- Institutionalize mandatory, recurring professional training workshops for administrative and academic staff regarding institutional water conservation protocols.
- Conduct wide-reaching public literacy operations to educate the broader community on water efficiency and drought resilience.
- Build high-capacity rainwater harvesting (RWH) infrastructure across campus assets to reduce reliance on external municipal supplies.
- Broaden the application of xeriscaping principles across all campus landscapes and enforce high-efficiency micro-irrigation engineering practices.
- Quantitatively increase the percentage of green spaces irrigated exclusively via verified natural, non-potable surface water sources.
- Systematically suppress the net per capita water consumption metric across all campus user blocks.
- Deploy eco-friendly, compliant techniques for the extraction, separation, storage, and recycling of post-consumer fats, oils, and greases (FOG) to prevent aquatic contamination.
- Utilize processed organic compost across campus landscapes to optimize soil moisture-retention capacities and minimize irrigation demands.
- Restrict landscape irrigation schedules to hours of minimal solar irradiance and wind velocity to eliminate evaporative water losses.
- Deploy real-time acoustic and digital monitoring arrays to immediately detect and repair subsurface pipe fractures and faucet leaks, minimizing non-revenue water losses.
- Formulate, execute, and structurally monitor advanced capital engineering projects focused on comprehensive storm-water management and greywater reclamation.
- Develop, execute, and monitor advanced research initiatives focusing on the safe, sanitized reuse of treated municipal sewer sludge within specific agricultural operations.
- Execute systematic technical interventions to preserve, restore, and monitor localized aquatic ecosystems and campus wetlands.
- Formulate, execute, and monitor capital projects designed to protect deep groundwater aquifers from over-extraction and chemical infiltration.
- Allocate institutional internal research grants (BAP) to co-finance technical projects targeting advanced closed-loop water recycling technologies.

- Draft formal operational protocols with regional municipal utilities to coordinate integrated watershed and wastewater management initiatives.
- Establish structured cooperative frameworks with water-focused NGOs to run community-wide water management operations.
- Deploy an integrated communication matrix ensuring transparent reporting and active multi-tier stakeholder participation.
- Benchmark verified global best practices from leading international academic institutions to develop and monitor advanced water efficiency projects.
- Broaden the network of regional, national, and international institutional partners to strengthen the foundational governance of the water reclamation program.
- Optimize internal water quality monitoring regimes, and develop targeted engineering projects focusing on the elimination of hazardous discharges and the deployment of advanced decentralized wastewater treatment.
- Execute systematic, periodic macro-economic analyses and financial return-on-investment (ROI) monitoring for all institutional water utility allocations and infrastructural investments.

Table 4. TOGÜ Water Management Strategies

STRATEGIC OBJECTIVE	TARGET	ACTION ITEM	TERM
Conducting water conservation studies and applications on campus	Developing a water conservation program	Identifying relevant factors for water conservation and developing a water management program	Short-Term
	Increasing the number and quality of water-saving appliances	Identifying existing water-saving appliances and conducting maintenance and repair studies	Short-Term
		Identifying buildings and areas where water-saving appliances can be installed	Short-Term
Conducting water conservation and recycling studies and applications on campus	Reducing water consumption	Preventing water waste by utilizing sensor taps	Short-Term
		Conducting awareness activities through training and seminars to reduce water consumption	Short-Term
	Ensuring water recycling in campus buildings, and campus built and natural environments	Identifying buildings and areas where greywater can be collected for water recycling	Short-Term
		Determining potential on-campus utilization areas for greywater, such as lawn irrigation	Short-Term
		Identifying relevant factors to determine the potential amount of greywater (such as annual rainfall, building roof areas and slopes, and the type, location, and condition of gutters)	Medium-Term
		Planning and implementing storage and natural environment transfer options regarding greywater management	Medium-Term
		Planning studies towards the integration of water treatment systems	Medium-Term
	Prevention of water pollution	Identifying areas that may cause water pollution and planning studies for improvement	Medium-Term
		Regular cleaning of on-campus water bodies and areas such as lakes, ponds, and pools, and conducting chlorination studies in pools	Short-Term
		Conducting periodic observation studies regarding water quality	Short-Term

5. SUSTAINABILITY POLICIES REGARDING TRANSPORTATION

Driven by a strategic vision for a sustainable future, Tokat Gaziosmanpaşa University aims to incentivize low-carbon, eco-friendly transit methodologies across all campus networks. The policies developed within this scope seek to improve public health indices and overall quality of life for students and staff while suppressing the net institutional carbon footprint.

Transit across the primary Taşlıçiftlik Campus and regional district campuses is currently maintained through public transportation networks operated by local municipal administrations. Serving a demographic of approximately 30,000 students and 3,500 personnel, the university plans to strengthen institutional cooperation with regional transportation authorities to optimize public transit and integrate green transport methods into the campus fabric. Key initiatives include constructing segregated, secure bicycle lanes, installing electric vehicle (EV) charging stations, improving access to high-capacity public transit options, and discouraging private vehicle dependencies. These interventions will provide users with clean, efficient transportation alternatives for both commuting and internal campus travel. The quantified benefits of these policies include:

- **Carbon Emissions Reduction:** With the decrease in private vehicle use, air pollution and greenhouse gas emissions will be significantly reduced.
- **Traffic Density Reduction:** Traffic congestion within campus borders and on access roads will be reduced, making transportation more convenient.
- **Health and Well-being:** Increasing active mobility options, such as pedestrian walking and cycling, will improve the physical health and well-being of the campus community.
- **Enhancement of Public Transportation Systems:** Improving and ensuring more efficient use of public transportation systems will make transportation from city centers to campuses highly accessible and convenient for users.
- **Economic Benefits:** Enhancing public transportation options and utilizing sustainable alternatives like bicycles will provide fuel savings.

5.1. Strategic Objectives, Targets, and Action Plans for Sustainable Transportation

To establish optimized sustainable transportation conditions, the targeted action items formulated by TOĞÜ include:

- **Public Transit Encouragement:**
 - Increasing the number of trips and optimizing the routes of public transportation vehicles within and around the campuses,
 - Increasing the frequency of student and staff shuttle services,
- **Encouraging Bicycle Use:**
 - Creating safe bicycle lanes and ensuring proper lighting and security conditions along the routes,
 - Increasing the number of bicycle parking spaces,
 - Establishing bicycle repair and maintenance stations,
 - Establishing bicycle-sharing systems within the campuses,
 - Organizing awareness campaigns regarding bicycle use,
- **Private Vehicle Restriction:**
 - Limiting the number of parking spaces and private vehicle access within the campuses,
 - Encouraging carpooling and shared transportation options for access to campuses,

- **Creating a Pedestrian-Friendly Environment:**
 - Increasing the number of pedestrian-priority zones within the campuses,
 - Expanding existing walkways and ensuring their regular maintenance,
 - Constructing sidewalks and crossings accessible to people with disabilities,
 - Developing walking routes that meet recreational needs within campus green spaces,
- **Sustainable Transportation Planning:**
 - Preparing an eco-friendly transportation plan for the campus,
 - Regularly reviewing and updating this plan,
 - Encouraging the use of electric vehicles,
 - Installing electric vehicle charging stations,
 - Launching electric scooter rental applications within the campuses,
- **Raising Awareness:**
 - Raising awareness among students and staff regarding sustainable transportation,
 - Organizing various on-campus events such as bicycle races and walking activities.

Table 5. TOGÜ Sustainable Transportation Strategies

STRATEGIC OBJECTIVE	TARGET	ACTION ITEM	TERM
Sustainable transportation planning	Preparation of the campus transportation plan and inclusion of sustainable solutions into the plan	Developing campus pedestrian pathways and ensuring the integration of recreational walking routes into the transportation plan	Short-Term
		Conducting studies to plan and implement campus bicycle lane routes	Medium-Term
		Establishing rental bicycle stations and locating them in central campus areas	Short-Term
		Collaborating with local governments to improve campus public transportation conditions	Medium-Term
	Reducing vehicle volume on campus	Increasing the number and frequency of staff and student shuttle services	Short-Term
		Increasing the frequency of campus ring shuttle services	Short-Term
		Encouraging shared mobility/carpooling options	Short-Term
Encouragement of the use of alternative fuel vehicles	Creating opportunities for the use of electric vehicles	Installing electric vehicle charging stations	Medium-Term
		Monitoring communication opportunities with relevant stakeholders regarding rental electric scooter services on campus	Short-Term

6. SUSTAINABILITY POLICIES IN EDUCATION AND RESEARCH DOMAINS

The overarching sustainability policies enforced at Tokat Gaziosmanpaşa University incorporate a wide administrative framework that systematically encompasses both pedagogical education and scientific research domains. Aligned with the university's core operational philosophy, the specialized sustainability policies governing education and research are summarized below:

6.1. Sustainability in Education

- **Curricular Integration:** With the strategic target of embedding core sustainability concepts into the academic fabric, TOGÜ has integrated specialized course content detailing sustainable development criteria and metrics across associate, undergraduate, and postgraduate curricula. These courses provide deep explorations of environmental literacy, sustainable macro-economics, renewable energy systems, and waste management hierarchies. The university executive body aims to enrich the depth of these sustainability courses in the short term.
- **Elective Coursework and Programs:** Academic departments and graduate institutes are tasked with expanding advanced elective courses, specialized minor tracks, and interdisciplinary postgraduate programs. These tracks equip students with specialized technical competencies and research skills in sustainability fields.
- **Applied and Experiential Education:** TOGÜ prioritizes applied learning models to help students bridge theoretical knowledge with practical execution. The university actively expands field research, laboratory experiments, professional internships, and community-driven projects, targeting ongoing quantitative and qualitative growth in these programs.
- **Raising Awareness:** The university regularly runs diverse extracurricular operations to build sustainability literacy across student and staff demographics. Aligned initiatives include specialized academic seminars, international symposia, practical workshops, and targeted community campaigns.
- **Green Campus Practices:** TOGÜ implements real-world sustainability applications within its campus borders. Aligned operations encompass energy efficiency retrofits, water conservation engineering, high-performance waste management, and closed-loop material recycling systems.

6.2. Sustainability in Research

- **Sustainability-Oriented Research Projects:** TOGÜ prioritizes funded research focused on sustainability, allocating dedicated resources and internal capital to support these projects. These initiatives seek to engineer practical solutions to environmental degradation, develop clean technologies, and generate measurable public benefits. Ensuring that research funded by the Scientific Research Projects (BAP) division and corporate initiatives in the university Technopark align with sustainable development goals stands as a primary institutional objective.
- **Interdisciplinary and Multidisciplinary Collaboration:** The university encourages cross-departmental research, bringing together scientists from diverse disciplines to co-develop multidisciplinary solutions to complex global sustainability challenges.
- **Knowledge Sharing and Dissemination:** TOGÜ accelerates the transfer of scientific knowledge by sharing research findings through peer-reviewed academic publications, international conferences, and public symposia, actively involving local communities in dissemination activities.
- **Applied and Action-Oriented Research:** The university's governance strategy supports and aims to expand applied research that delivers practical solutions to sustainability challenges, creating direct benefits for society.

Table 6. TOGÜ Strategic Directives for Sustainability in Education and Research

STRATEGIC OBJECTIVE	TARGET	ACTION ITEM	TERM
Expanding the scope of sustainability education	Increasing the number of sustainability-related courses	Incorporating sustainability-related course content into associate, undergraduate, and graduate programs	Short-Term
	Supporting sustainability-related research	Increasing support for sustainability-themed projects within scientific research projects (BAP)	Short-Term
		Providing necessary training and incentives to increase researchers' applications for TÜBİTAK and international projects (EU, and other international projects)	Medium-Term
		Increasing the number of companies conducting sustainability studies in the Technopark	Medium-Term
Increasing sustainability-related events	Increasing the number and improving the content of events related to ecological, social, and economic sustainability	Increasing the number of events related to environmental protection, waste, energy and water recycling, and climate change	Short-Term
		Qualitative and quantitative enhancement of community engagement events	Short-Term
		Ensuring conditions and increasing events to address social inequalities (such as accessible/barrier-free university, support for individuals with special needs, and scholarships)	Short-Term

SETTLEMENT and INFRASTRUCTURE





SETTLEMENT AND INFRASTRUCTURE INITIATIVES AND ACTIONS

The main campus of Tokat Gaziosmanpaşa University (TOGU), Taşlıçiftlik Campus, is located on the Tokat-Turhal highway, 9 kilometers from the city center. In addition to the main campus, the university comprises vocational schools in eight districts and the Ali Şevki Erek Campus, which includes the University Hospital, in the city center.

This section contains data on TOGU's current layout and infrastructure, compiled using information obtained from the Department of Construction and Technical Affairs General Secretariat.



Educational and research activities at our university are conducted across various academic faculties, listed in the order of their establishment. This academic structure includes the Faculty of Agriculture, the Faculty of Arts and Sciences, the Faculty of Economics and Administrative Sciences, the Faculty of Medicine, the Faculty of Education, the Faculty of Engineering and Architecture, the Faculty of Fine Arts, the Faculty of Dentistry, the Faculty of Theology, the Faculty of Law, the Faculty of Health Sciences, and the Faculty of Pharmacy. In addition, our university comprises several other academic units: the Erbaa Faculty of Health Sciences, the Faculty of Sport Sciences, the Turhal Faculty of Applied Sciences, the Niksar Faculty of Applied Sciences, and the Erbaa Faculty of Social Sciences and Humanities. Furthermore, postgraduate education is carried out through the Graduate Education Institute.

Furthermore, higher education is also pursued in the School of Foreign Languages, State Conservatory, Almus Vocational School of Higher Education, Artova Vocational School of Higher Education, Erbaa Vocational School of Higher Education, Erbaa Vocational School of Health Services, Niksar Vocational School of Higher Education, Organized Industrial Zone (OIZ) Vocational School, Pazar Vocational School of Higher Education, Reşadiye Vocational School of Higher Education, Tokat Vocational School of Higher Education, Tokat Vocational School of Health Services, Turhal Vocational School of Higher Education, Turhal Vocational School of Health Care, Zile Dinçerler School of Tourism and Hotel Management, and Zile Vocational School of Higher Education.

The Health Research and Application Center, the Dentistry Application and Research Center, and the Palliative Care Research and Application Center deliver comprehensive healthcare services in our university. Furthermore, the Agricultural Research and Application Center provides extensive support for agricultural education, research, and service.

The Taşlıçiftlik Campus hosts the Faculty of Education, the Faculty of Law, the Faculty of Arts and Sciences, the Faculty of Pharmacy, the Faculty of Fine Arts, the Faculty of Health



Sciences, the Faculty of Engineering and Architecture, the Faculty of Agriculture, the Faculty of Economics and Administrative Sciences, and the Faculty of Theology, the Faculty of Sport Sciences, the Graduate Education Institute, the School of Foreign Languages, Tokat Vocational School of Higher Education, the Organized Industrial Zone (OIZ) Vocational School, Tokat Vocational School of Health Services and various Research and Application Centers. Meanwhile, the Faculty of Medicine, the Faculty of Dentistry, the Health Research and Application Center, the Dentistry Application and Research Center, and the Palliative Care Research and Application Center are located on the Ali Şevki Erek Campus in the city center. In addition, vocational schools in the districts maintain their own dedicated campuses.

Campus sites

1. Taşlıçiftlik campus (the main campus)



2. Almus campus



3. Artova campus



4. Erbaa campus



5. Niksar campus



6. Pazar campus



7. Reşadiye campus



8. Turhal campus



9. Zile campus



10. Ali Şevki Erek campus





INFRASTRUCTURE AND SUPERSTRUCTURE DEVELOPMENT AT TOGU

Taşlıçiftlik Campus

The main campus, Tokat Gaziosmanpaşa University Tasliciftlik Campus, is situated 9 km from the city center and is surrounded by agricultural fields and hills. The campus is adjacent to the Tasliciftlik settlement, which has a population of 2000.



Views from TOGU Taşlıçiftlik campus



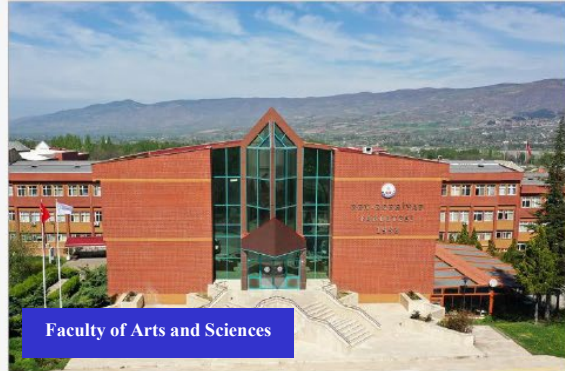
Faculty of Health Sciences



Faculty of Agriculture



Tokat Vocational School of Higher



Faculty of Arts and Sciences



Faculty of Theology



Faculty of Law



Faculty of Education



Faculty of Engineering and Architecture

Academic structures on the Taşlıçiftlik campus



INFORMATION ON CAMPUS AREAS

The education and training activities are carried out at academic units in eight distinct districts of Tokat Province, as well as at TOGU's main campus. The table below presents data on total area, green area, and forest cover across our campuses. Additionally, a part of the Main Campus site was transferred to the Ministry of Health for the construction of the City Hospital. As this project is carried out in collaboration with Tokat Gaziosmanpaşa University, this land transfer accounts for the difference in the total campus area.

Campus area and ratio data

Criterion	Area / Ratio
Total campus area	1,982,810 m ²
Total building footprint area	123,738 m ²
Total open space area	1,859,072 m ²
Ratio of total open space to total area	93.76%
Total open space per capita	49.47 m ²
Total area covered by forest vegetation	232,894
Total planted/vegetated area on campus	105,295 m ²
Total campus population	37582

Forest vegetation used for research, teaching, and community engagement on campuses



Main campus



Almus campus



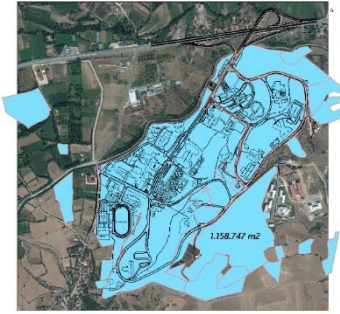
Ali Şevki Erek campus



Turhal campus



Campus areas



Main campus - 1,158,747 m²



Health Hospital campus (Ali Şevki Ereğ) - 80,588 m²



Almus campus - 137,100 m²



Artova campus - 14,352 m²



Erbaa campus - 21,609 m²



Niksar campus - 302,706 m²



Pazar campus - 5,504 m²



Reşadiye campus - 7,577 m²



Turhal campus - 112,265 m²



Zile campus - 142,362 m²



The total area distribution of the buildings across all campuses of Tokat Gaziosmanpaşa University is given in the table below.

Total building and structural footprints of Tokat Gaziosmanpaşa University

The Total Indoor Area of Tokat Gaziosmanpaşa University Campus Buildings	
	University Building (m ²)
Taşhıftlık Campus	211,735 m ²
City Center Campuses	97,086 m ²
District Campuses	80,544 m ²
Ongoing and Multi-Year Infrastructure Projects	15,724 m ²
GRAND TOTAL (Without Ongoing Investments)	389,365 m²
GRAND TOTAL (Including Ongoing Investments)	405,089 m²

Total area on campus covered in planted vegetation



Main campus planted area



Ali Şevki Ereğ campus planted area



Artova campus planted area



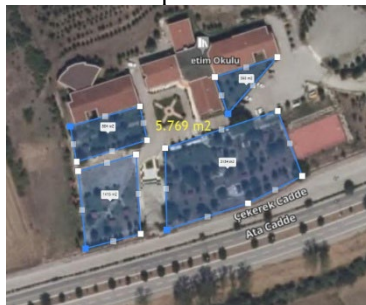
Erbaa campus planted area



Niksar Campus Planted Area



Pazar campus planted area



Zile campus planted area



On-Campus Agricultural Research and Application Infrastructure

Agricultural production sites, experimental areas, and greenhouses on campus host practical applications by academics and students. Our main campus hosts extensive agricultural production sites, experimental areas, and specialized greenhouses managed by the Agricultural Application and Research Center and actively utilized by the Faculty of Agriculture. These integrated facilities—including experimental farms, modern greenhouses, and diverse fruit and vegetable orchards—serve as vital hubs for hosting practical, hands-on applications for both students and academics. By bridging theoretical education with applied fieldwork, these spaces empower researchers and faculty members to conduct high-impact agricultural research, advance sustainable farming methodologies, and foster agro-ecological innovation directly within the TOGÜ campus ecosystem.

	
Polycarbonate greenhouses	Tulle greenhouses
	
Grapevine variety breeding greenhouse	F1 genotype collection obtained as a result of breeding
	
Vegetable/fruit gardens	Planted fruit trees



Agricultural and livestock practices

		
Whip and tongue grafting (March 2026) - Whip and tongue grafting (March 2026)	Collecting scion wood from apple and cherry genotypes for grafting on rootstocks onto rootstocks	
		
Potting stage of grafted seedlings - Potting stage of grafted saplings	Apple rootstock (MM106) and cherry rootstock (Mahlep) - Apple rootstock (MM106) and cherry rootstock (Mahaleb)	
		
Karayaka sheep are kept in Tokat Gaziosmanpaşa University Sheep Husbandry Facility		

HEALTHCARE FACILITIES AND SERVICES

The university hospital consists of 4 blocks and has a closed area of 32,000 square meters. Block A hosts the emergency services, intensive care units, endoscopy, sterilization, and angiography units, as well as operating rooms. Block B includes outpatient clinics, radiology, and some administrative units, while Block C contains the coronary intensive care unit, inpatient wards, classrooms, and some administrative units. The additional service building accommodates the Palliative Care Center, the Nuclear Medicine Unit, and the Radiation Oncology Clinic. In terms



of chronological development, Blocks A and B began operating in 2008, followed by the additional service building in 2014, and Block C in 2016.



Tokat Gaziosmanpaşa University hospital



Tokat Gaziosmanpaşa University Faculty of Medicine and Faculty of Dentistry hospitals



Palliative care ward activity room

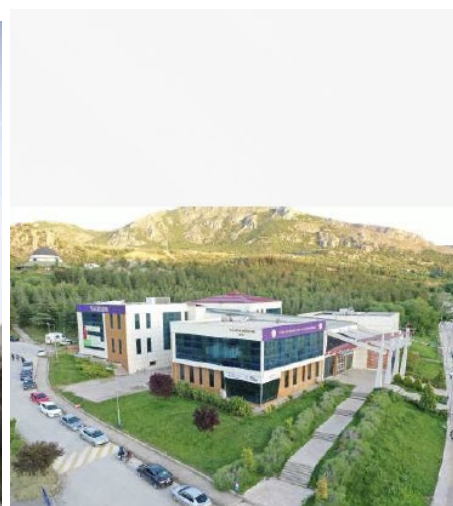


The university hospital healthcare facility is supported by academic and administrative personnel. The academic personnel include 31 Professors, 37 Associate Professors, and 61 Assistant Professors who lead the educational and clinical processes. This academic core is supported by 8 Lecturers and 60 Research Assistants, bringing the total number of academic staff to 197.

The administrative work is managed by executive and supervisory personnel, including 1 Chief Director, 1 Director, 2 Deputy Directors, and 5 Branch Directors. Furthermore, healthcare services are delivered by a nursing and midwifery workforce comprising 1 Head Nurse, 491 Nurses, and 13 Midwives, as well as 433 other administrative and health personnel. Moreover, operational campus services are maintained by support staff, including 79 Office Staff, 33 Technical Staff, 158 Cleaning Staff, 119 Patient Care Staff, and 12 Security Staff.

The numbers of staff in our hospital

Academic Staff		Administrative Staff	
Profession	Staff number	Profession	Staff number
Professor	31	Chief Director	1
Associate Professor	37	Director	1
Assistant Professor	61	Deputy Director	2
Lecturer	8	Branch Director	5
Research Assistant	60	Head Nurse	1
		Nurse	491
		Midwife	13
		Other Administrative and Health Staff	433
Workers Employed under 4D Status			
		Office Staff	79
		Technical Staff	33
		Cleaning Staff	158
		Patient Care Staff	119
		Security Staff	12



TOGU Taşlıçiftlik campus primary care clinic



CAMPUS SAFETY AND SECURITY ACTIONS

TOGÜ campus entrances operate a sticker-based automated vehicle identification and gate system. Campus safety is maintained by security personnel stationed at campus entrances and buildings. Security cameras monitor building interiors, while CCTV systems are used in various recreational areas. Besides, fire hydrants are installed both inside and outside buildings for emergency response.



Security system installations at Tokat Gaziosmanpaşa University campus



CCTV systems inside and outside buildings



Automated vehicle identification and gate system at the entrances of Tokat Gaziosmanpaşa University



Security patrol vehicle at Tokat Gaziosmanpaşa University



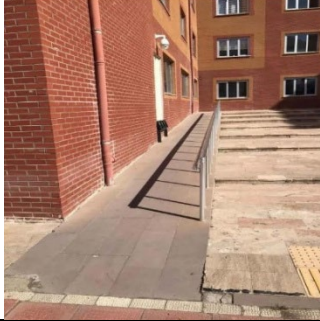
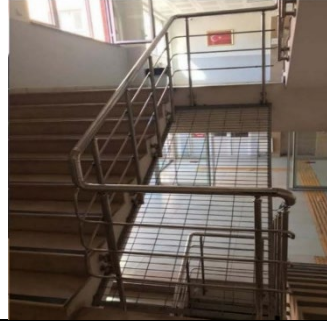
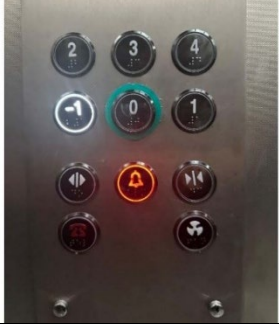
Fire hydrants inside and outside buildings



PHYSICAL CAMPUS FACILITIES FOR INDIVIDUALS WITH DISABILITIES AND SPECIAL NEEDS

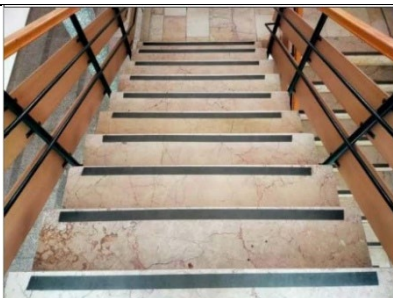
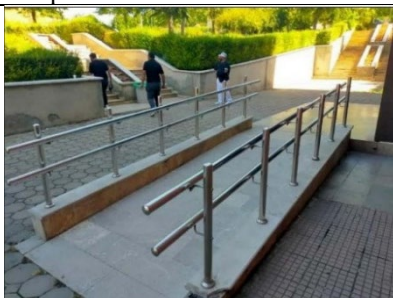
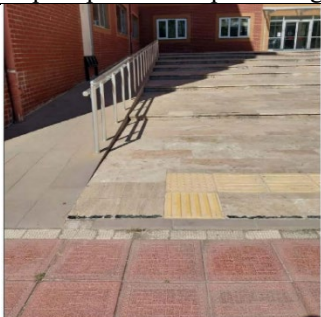
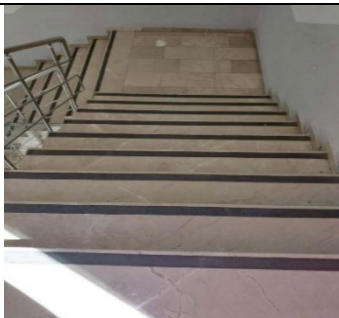
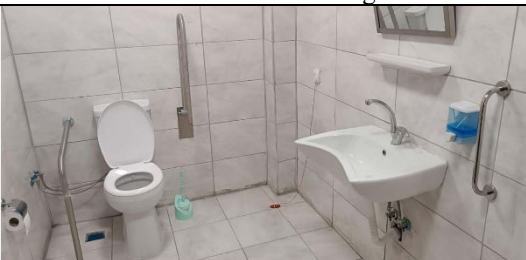
In accordance with the "Regulation on Disability Advisory and Coordination in Higher Education Institutions" (*Yükseköğretim Kurumları Engelliler Danışma ve Koordinasyon Yönetmeliği*), our university has a coordinatorship to identify the needs of individuals with disabilities and provide them with the necessary support. Accessibility across our campuses is continuously evaluated to improve the existing situation and address issues through potential repairs and maintenance conducted by the Directorate of Construction and Technical Works. Within available resources, improvements of common spaces, such as classrooms, libraries, and computer laboratories, are prioritized to better align with accessibility standards for our students with disabilities. The services provided to disabled students at our university are carried out within the scope of the Barrier-Free University Coordinatorship and the "Gaziosmanpaşa University Directive on Education, Training and Examination Practices for Disabled Students".

Campus facilities for disable, special needs and or maternity care

		
1. Tactile floor covering	2. Disabled entrance ramp	3. Protective stair net
		
4. Accessible toilet	5. Disabled parking spot	
		
6. Elevator Buttons with Braille Labels	7. Faculty Member Office Nameplate with Braille Labels	



Campus facilities for disable, special needs and or maternity care (continued)

	
8. Audio induction loop	
	
9. Non-slip strips and non-protruding shapes	10. Disabled entrance and ramp
	
11. Disabled entrance and ramp	12. Disabled elevator
	
13. Automatic sensor – external door	14. Staircase landing
	
15. Slippery floor warning sign	16. Accessible toilet and sink



CAMPUS SETTING, INFRASTRUCTURE, AND SDGs

Tokat Gaziosmanpaşa University's operations, infrastructure, and spatial planning are aligned with the "17 Sustainable Development Goals" (SDGs) of the United Nations. By focusing on environmental management and services on campus, the university supports economic and environmental sustainability and social equality on both national and international levels.

Tokat Gaziosmanpaşa University's campus features and infrastructures related to SDGs

Campus Feature / Infrastructure	Related SDGs	Rationale / Contribution
Comprehensive higher education institution	SDG 4, SDG 8, SDG 9, SDG 17	Provides inclusive and equitable quality education, fosters innovation and research capacity, and strengthens international academic partnerships.
Climate (Mediterranean / Humid Subtropical characteristics)	SDG 13, SDG 15, SDG 11	Supports climate-responsive campus planning, biodiversity conservation, and resilient infrastructure development.
10 campus sites	SDG 9, SDG 10, SDG 11	Promotes regional development, reduces inequalities in access to higher education, and supports balanced urban–rural integration.
Campus setting (rural, suburban, urban)	SDG 11, SDG 10, SDG 15	Enhances inclusive urbanization while protecting surrounding ecosystems and enabling equitable access.
Total campus area (1,982,810 m ²)	SDG 9, SDG 11, SDG 15	Enables sustainable land use, ecological preservation, and long-term infrastructure planning.
Total building area (389,365 m ²)	SDG 9, SDG 11, SDG 12, SDG 13	Reflects efficient construction practices, responsible resource use, and reduced environmental impact.
Open space ratio (>90%)	SDG 3, SDG 11, SDG 13, SDG 15	Large open and green spaces enhance well-being, improve air quality, and contribute to climate adaptation and mitigation.
Forest vegetation (232,894 m ²)	SDG 13, SDG 15, SDG 4, SDG 2	Acts as a carbon sink, preserves biodiversity, and provides research and teaching opportunities in agriculture and environmental sciences.
Planted vegetation (105,295 m ²)	SDG 3, SDG 11, SDG 13, SDG 15	Supports green infrastructure, improves environmental quality, and promotes mental and physical well-being.
Water absorption and permeable surfaces (high open space capacity)	SDG 6, SDG 11, SDG 13, SDG 15	Facilitates sustainable water management, reduces flood risks, and supports groundwater recharge through permeable land use.
33,492 students and 4,090 staff	SDG 4, SDG 5, SDG 8, SDG 10	Ensures inclusive education and employment, promotes gender equality, and contributes to economic development.
Financial accessibility and public education capacity	SDG 1, SDG 4, SDG 10	Expands access to higher education, helping reduce poverty and supporting social mobility across regions.
Open space per capita (>40 m ² /person)	SDG 3, SDG 11	Provides healthy, accessible environments that enhance quality of life and campus sustainability.
Facilities for disabled, special needs, and maternity care (fully available)	SDG 3, SDG 5, SDG 10, SDG 4	Promotes inclusivity, equal opportunity, and gender-sensitive campus services.
Security and safety facilities (<5 min response time)	SDG 3, SDG 9, SDG 11, SDG 16	Ensures a safe, resilient, and well-governed campus through rapid emergency response and advanced infrastructure.
Health infrastructure (hospital, clinic, certified personnel, public access)	SDG 3, SDG 10, SDG 11	Provides accessible healthcare services, contributing to public health and well-being beyond campus boundaries.
Conservation of flora, fauna, and genetic resources (>75% implemented)	SDG 2, SDG 13, SDG 14, SDG 15	Protects biodiversity, supports sustainable agriculture, and contributes to ecosystem resilience.
Energy efficiency and infrastructure readiness for renewable systems	SDG 7, SDG 9, SDG 12, SDG 13	Supports transition to clean energy, promotes efficient energy use, and strengthens sustainable infrastructure development.

ENERGY and CLIMATE CHANGE





ENERGY EFFICIENCY PRACTICES AND INVESTMENTS AT TOGU

Energy-efficient practices and sustainability-focused advancements worldwide drive energy conservation efforts at Tokat Gaziosmanpaşa University. In this regard, the building envelopes across campus were upgraded with thermal insulation materials in previous years to optimize overall energy efficiency. Efforts are made to prioritize energy-saving components to maintain efficiency during repairs to existing buildings. Additionally, energy-efficient materials and low-energy LED lighting systems are preferred in new building designs. Conventional lighting elements are replaced with high-efficiency LED alternatives when they reach the end of their service lifetime. Moreover, the university aims to lead the community by investing in and operating renewable energy sources, such as the active solar photovoltaic power plant on the main campus. Beyond that, the university is dedicated to expanding its investments and infrastructure in this field.

The data regarding TOGU's energy production and consumption presented in this section was obtained from the Department of Construction and Technical Affairs.



Solar power plants (SPPs) on campus



TECHNOLOGICAL SYSTEMS AND ENERGY-EFFICIENT APPLIANCES

In the maintenance and upgrades of the central cafeteria and the construction of the Faculty of Law building, older lighting systems were changed, increasing the total number of LED fixtures. In this regard, energy-efficient LED lamps account for 26,600 of a total of 30,600 (86.93%). Similarly, energy-efficiency models account for 160 of the 170 fan-motors (94.11%) and 2,150 of the 2,400 computers and printers (89.58%).

Ratio of energy-efficient appliances to total appliances

Appliance	Total Number	Total number energy-efficient appliances	Percentage
LED Lamps	30,600	26,600	86.93%
Fan-Motors	170	160	94.12%
Computers and Printers	2,400	2,150	89.58%



Energy-efficient LED luminaires

Tokat Gaziosmanpaşa University integrates various technological systems across its facilities, ranging from localized sensors to centralized control systems. The distinct existing buildings include photocell lighting sensors and automatic photocell sliding doors to optimize environmental control and accessibility. Moreover, campus heating automation, central air-conditioning plant control units, central fire-detection plants, and centralized camera control systems are used across different spaces to improve operational efficiency and security.



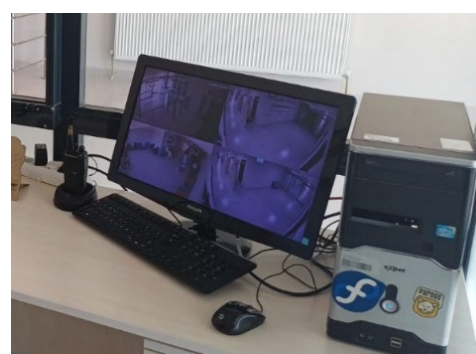
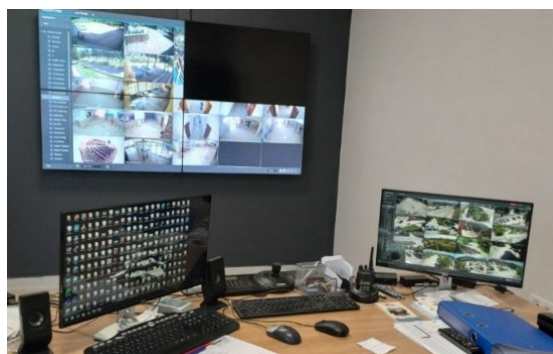
Photocell lighting sensors and automatic photocell sliding doors



Campus heating automation



Central air conditioning plant control units and fire detection plant



Central camera control systems



RENEWABLE ENERGY INSTALLATIONS ON CAMPUS

Renewable energy applications are of significant importance at Tokat Gaziosmanpaşa University. In addition to existing solar power plant installations, there are ongoing efforts to establish new renewable energy production areas across the campus.



Solar Power Plant (left) and solar thermal panels for hot water generation (right)

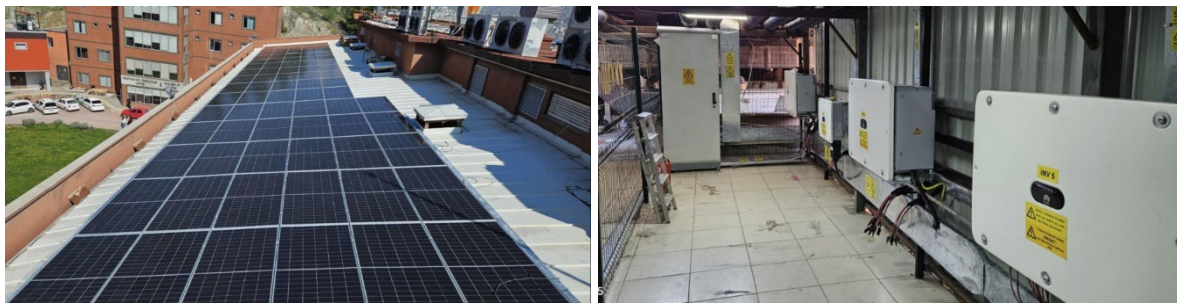
There is an active 1 MW SPP already installed on the university campus. A 2 MW campus SPP was installed following the KAYEP tender process. The physical realization rate of the work is 100%, while the fire brigade report, license, and commissioning processes are underway. The facility will be commissioned when the processes are completed.



Existing and newly installed solar power plants (SPPs) on campus



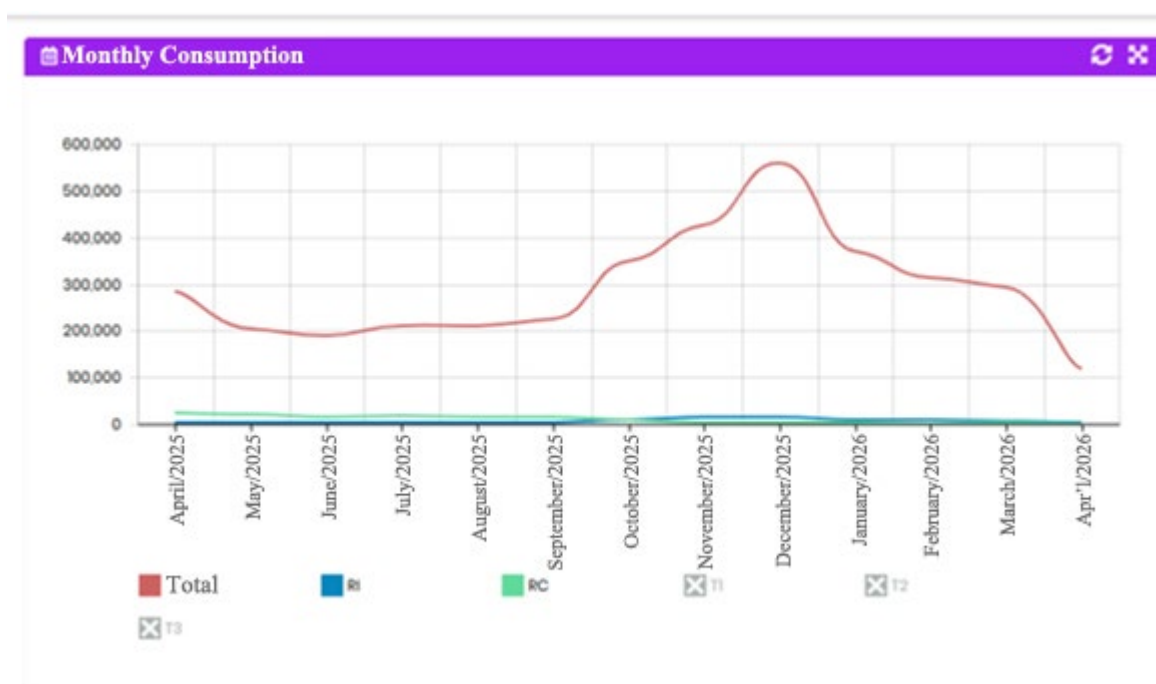
The tender for a 500 kW SPP at the university hospital was initiated on September 30, 2025, and commissioning was planned for 2026. Following this procedure, the 500 kW rooftop SPP was installed at the University Hospital building, and the physical realization rate of the work is 100%. The fire brigade report, license, and commissioning processes are underway. The facility will be commissioned when the processes are completed.



Renewable energy installation on the roof of the university hospital (left) and inverter and control panel installed for the SPP system (right)

ENERGY CONSUMPTIONS AND SAVINGS

Electricity consumption is monitored hourly, daily, and monthly through the Automatic Meter Reading System (AMR/OSOS). The tracked consumption and generation data are recorded and stored in tabular formats.



Electricity consumption monitoring through Automatic Meter Reading System (AMR/OSOS)



The monthly data related to electricity and natural gas consumption for district facilities are presented below tables.

Month/Year	Total Consumption (kWh)	Total Generation (kWh)	Billed Consumption (kWh)	Billed Generation (kWh)
01.01.2025	538,911.85	91,198.45	449,341.80	1,628.40
01.02.2025	544,364.33	73,508.33	473,422.80	2,566.80
01.03.2025	474,279.67	146,074.27	347,635.80	19,430.40
01.04.2025	398,129.11	135,942.91	284,887.20	22,701.00
01.05.2025	361,863.31	193,586.11	203,053.20	34,776.00
01.06.2025	329,645.49	193,701.69	188,314.80	52,371.00
01.07.2025	374,483.81	200,590.01	211,222.80	37,329.00
01.08.2025	364,229.50	187,837.70	211,153.80	34,762.00
01.09.2025	353,948.50	152,827.10	224,622.80	23,501.40
01.10.2025	470,507.84	134,339.84	349,567.80	13,399.80
01.11.2025	520,244.75	98,765.15	424,874.40	3,394.80
01.12.2025	617,423.45	60,276.05	557,782.20	634.80
Total	5,348,031.61	1,668,647.61	3,925,879.40	246,495.40

Electricity consumption in 2025

No	Subscriber Name	Consumption (kWh)
1	FACULTY OF MEDICINE	1,987,173.44
2	GÖKMEDRESE SCIENCE AND CULTURE CENTER	18,724.94
3	AGRICULTURAL IRRIGATION	827.42
4	ERBAA VSHS	114,982.98
5	NİKSAR VSHE	79,260.88
6	REŞADİYE VSHE	98,845.76
7	TURHAL VSHE	121,258.20
8	ZİLE VSHE	183,095.84
9	ALMUS VSHE	32,874.08
10	ZİLE DİNÇERLER STHM	86,042.04
11	ARTOVA VSHE	39,202.00
12	SULUSARAY PHYSICAL REHABILITATION CENTER	123,328.88
13	PAZAR VSHE	84,864.26
14	GOP UNIVERSITY OLD TOBACCO WAREHOUSES	38,035.50
15	DIRECTORATE OF GOP UNIVERSITY HEALTH RESEARCH AND APPLICATION CENTER	8,198,209.82

Electricity consumption data for distinct facilities

Campus Name		Taşlıçiftlik Campus
Reporting Period		January 2025 - December 2025
Energy Type		Natural Gas Consumption
No	Date	Amount (m³)
1	Jan-25	407,475.41
2	Feb-25	371,512.69
3	Mar-25	284,371.60
4	Apr-25	124,336.43
5	May-25	0.00
6	Jun-25	0.00
7	Jul-25	0.00
8	Aug-25	0.00
9	Sep-25	0.00
10	Oct-25	111,457.86
11	Nov-25	310,717.63
12	Dec-25	444,378.85
Total		2,054,250.47

Monthly natural gas consumption data for Taşlıçiftlik Campus



ENERGY EFFICIENT BUILDING APPROACHES

"Energy Performance Certificate" (EPC) must be prepared in accordance with the "Regulation on Energy Performance of Buildings" for all new buildings built after 2011. Since developments in this field continue in Türkiye and worldwide, regulations have been updated. In this regard, new buildings in Türkiye are legally required to achieve at least a "C" Energy Class under the "Regulation on Energy Performance of Buildings". Additionally, the construction area of those exceeding 2,000 square meters must comply with the "Nearly Zero-Energy Buildings" (nZEB) criteria, which require a minimum "B" Energy Class under the applicable regulation, and that at least 10% of their energy needs be from renewable sources. Hence, the new buildings on TOGU campuses are being constructed in accordance with Turkish regulations and recent regulatory developments.

At Tokat Gaziosmanpaşa University, efforts have been directed toward improving the thermal performance of the campus buildings. Furthermore, new buildings are constructed in accordance with Turkish regulations, which require thermal insulation for distinct building components based on the relevant climate zone. In this regard, energy consumption decreases, especially by mitigating heating loads in winter and reducing cooling demands in summer, thereby reducing energy-based carbon emissions. Moreover, natural ventilation and daylighting are essential in building design, which are within the scope of requirements specified by building regulations. The existing buildings enable occupants to use these passive elements based on their space layouts.



Operable windows for natural ventilation



Ventilation gaps for natural ventilation



Natural lighting



Thermally insulated façade, an example from the TOGU Guesthouse (left) and an example from a faculty building (right)



Solar power plants generate renewable energy, and solar thermal panels are also used at TOGU; additionally, advanced energy monitoring and control systems are implemented within the assigned facilities. Industrial monitoring and control technologies are used to optimize energy consumption, ensure supply security, and achieve efficient resource utilization on our campus; integrated infrastructure components are managed digitally through the Energy Monitoring and Control System, PLC Panel, and Power Panel. In addition, building management and security operations are optimized through the integration of a central heating automation system, central air-conditioning plant control units, fire detection systems, central camera control systems, photocell lighting sensors, and automatic photocell sliding doors.



Solar thermal panels



Energy monitoring and control system, PLC panel and power panel

Features of Energy-Efficient Campus Buildings

To evaluate the operational efficiency and technological integration of our campus facilities, Tokat Gaziosmanpaşa University utilizes a comprehensive Smart Building Assessment framework based on international smart readiness indicators (SRI). As illustrated in the table below, the technical evaluation framework is structured around 6 core performance domains—Automation (B), Safety (S), Energy (E), Water (A), Indoor Environment (I), and Lighting (L)—each broken down into specific sub-indicators to measure systemic intelligence, resource efficiency, and occupant comfort across campus buildings.



Building Name	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	
Former Rectorate	x		x	x	x	x	x				x				x	x			4950
New Rectorate	x		x	x	x	x	x				x				x	x			11259
Tokat Vocational School	x		x	x	x	x	x				x				x	x			10150
Semi-Olympic Swimming Pool	x		x	x	x	x	x				x				x	x			4072
Faculty of Arts and Sciences	x		x	x	x	x	x				x				x	x			16448
Faculty of Economics and Administrative Sciences	x		x	x	x	x	x				x				x	x			10150
TÖMER (Turkish and Foreign Language ARC)	x		x	x	x	x	x				x				x	x			3902
Central Lab	x		x	x	x	x	x		x		x				x	x			4200
Faculty of Health Sciences	x		x	x	x	x	x				x				x	x			11711
Faculty of Education	x		x	x	x	x	x				x				x	x			15542
Faculty of Agriculture	x		x	x	x	x	x				x				x	x			16340
Faculty of Theology	x		x	x	x	x	x				x				x	x			16648
Faculty of Engineering and Architecture	x		x	x	x	x	x				x				x	x			20504
15th of July Congress and Cultural Center	x		x	x	x	x	x				x				x	x			12095
Guest House	x		x	x	x	x	x				x				x	x			2390
Social Facilities	x		x	x	x	x	x				x				x	x			5050
Central dining hall	x		x	x	x	x	x				x				x	x			4500
Heat center	x		x	x	x	x	x				x				x	x			2050
Faculty of Law	x		x	x	x	x	x				x				x	x			10244
TOTAL																			182205

¹Features of Energy-Efficient Campus Buildings

¹ The values indicated above represent the technical areas and zones integrated with the campus-wide Central Building Management System (BMS). Local usage configurations and sensor extensions may vary on an office or laboratory basis.



CARBON FOOTPRINT

The total carbon footprint of Tokat Gaziosmanpaşa University is given below, calculated according to the UI GreenMetric methodology. The assessment comprehensively measures emissions across electrical energy consumption and campus-related transit, yielding a total carbon footprint of 3,238.89 metric tons of CO₂. In this regard, the calculation was conducted by subtracting the electricity produced by our solar power plant and used or sold by the university from the electricity consumed on campus.

This data establishes a clear carbon baseline for our university, guiding the Campus Sustainability Coordination unit in developing targeted strategies for energy efficiency, renewable energy integration, and sustainable transport alternatives to systematically reduce our net emissions.

Option 2: Recommended by UI GreenMetric

CO₂ (electricity)

$$\begin{aligned} &= \frac{\text{electricity usage per year (kWh)}}{1000} \times 0,84 \\ &= \frac{3,432,888.6 \text{ kWh}}{1000} \times 0,84 \\ &= 2,883.62 \text{ metric tons} \end{aligned}$$

CO₂ (bus)

$$\begin{aligned} &= \frac{\text{number of shuttle bus in your university} \times \text{total trips for shuttle bus service each day} \times \text{approximate travel distance of vehicle each day inside campus only (KM)} \times 240}{100} \times 0,01 \\ &= \frac{13 \times 40 \times 1.2 \times 240}{100} \times 0,01 \\ &= 14.97 \text{ metric tons} \end{aligned}$$

CO₂ (cars)

$$\begin{aligned} &= \frac{\text{number of cars entering your university} \times 2 \times \text{approximate travel distance of vehicle each day inside campus only (KM)} \times 240}{100} \times 0,02 \\ &= \frac{2,673 \times 2 \times 1.2 \times 240}{100} \times 0,02 \\ &= 307.93 \text{ metric tons} \end{aligned}$$

CO₂ (motorcycle)

$$\begin{aligned} &= \frac{\text{number of motorcycle entering your university} \times 2 \times \text{approximate travel distance of vehicle each day inside campus only (KM)} \times 240}{100} \times 0,01 \\ &= \frac{562 \times 2 \times 1.2 \times 240}{100} \times 0,01 \\ &= 32,37 \text{ metric tons} \end{aligned}$$

CO₂ (total)

$$\begin{aligned} &= 2,883.62 + 14.97 + 307.93 + 32,37 \\ &= 3,238.89 \text{ metric tons} \end{aligned}$$

Carbon footprint = 3,238.89 metric tons

Total carbon footprint of Tokat Gaziosmanpaşa University



University program(s) related to climate change

No	Programs	Scope (international / regional / national / local /	Photo	URL	Short Description
1	We are on the road for the environment	National officials and Surrounding communities		https://www.gop.edu.tr/duyuruDetay.aspx?d=en-US&m=duyuru_detay&mk=30542&id=28731	Tokat Gaziosmanpaşa University (TOGÜ) hosted the "Green Campus Festival" and the Nature-Friendly Truck event, organized in collaboration with the Ministry of Environment, Urbanization and Climate Change, under the slogan "We are on the road for the environment, we are with the youth".
2	Environmental Cleanup and Awareness Event	Surrounding communities		https://kulup.gop.edu.tr/etkinlikler/805987df-338e-4afc-8cfl-414fb6d04e3c	Tokat Gaziosmanpaşa University (TOGÜ) actively works on zero waste management and sustainability activities in line with its vision of "Less Waste, A Cleaner World". Student clubs actively support these efforts.
3	Today a sapling, tomorrow a breath of life.	Surrounding communities		https://kulup.gop.edu.tr/etkinlikler/747ac12b-29c3-453f-94ea-4b2e1e88d4fe	TOGÜ organized a tree planting event in the campus garden.
4	Afforestation for Carbon Sink Areas	Institutional (Campus-wide partnership with the Zero Waste Coordinatorship and Tokat Forestry Operation Directorate)		https://toguhaber.gop.edu.tr/h/8638	As part of National Afforestation Day, a planting initiative was organized with the aim of developing potential carbon-sink areas on campus.

WASTE MANAGEMENT





WASTE MANAGEMENT INITIATIVES AND ACTIONS

Tokat Gaziosmanpaşa University has fundamentally integrated the principles of environmental stewardship into its institutional identity, moving beyond simple waste collection toward a sophisticated, zero-waste ecosystem. This transformation is rooted in a comprehensive sustainability policy that views waste not merely as a byproduct of campus life, but as a recoverable resource that requires strategic management. At the heart of this initiative lies the globally recognized 3R framework—Reduce, Reuse, and Recycle—which has been meticulously adapted to the university's unique academic environment. The data on waste management included in this section of TOGU was obtained from the Zero Waste Management Coordination Office.

The operational backbone of this strategy is the strategic deployment of a high-density waste sorting infrastructure. Color-coded and clearly labeled collection units have been positioned at high-traffic hubs, including faculty entrances, research libraries, dining halls, and student dormitories. This systematic placement is designed to eliminate the barriers to proper disposal, ensuring that source-separation becomes an instinctive habit for the campus community. By capturing recyclable materials at the point of origin, the university significantly prevents cross-contamination, thereby maximizing the purity and economic value of the recovered resources.

The university employs a multi-tiered approach to material lifecycles to achieve a true zero-waste vision. The first priority is "Reduction," where the institution actively challenges the culture of disposability through rigorous awareness campaigns and policy shifts aimed at curbing the use of single-use plastics and unnecessary consumables. Building upon this, the "Reuse" initiative provides tangible incentives for students and staff to adopt durable, multi-use alternatives, fostering a circular mindset within the campus economy. Finally, for materials that cannot be avoided or reused, a robust "Recycle" protocol is in place. These separated streams are managed through partnerships with licensed industrial facilities, ensuring that the university's ecological footprint is minimized through verified professional processing.

3R (Reduce, Reuse and Recycle) Program for University Waste

To execute the 3R framework at our university, informative signage has been deployed. Color-coded source-separation receptacles have been installed as five-unit configurations at building entrances and two-unit stations across corridors. This mobile infrastructure is seamlessly integrated with a campus-wide network of color-coded separation units located within every academic and administrative department. This dual-layered system—combining centralized mobile hubs with decentralized departmental bins—creates a frictionless environment for students, faculty, and visitors to precisely classify paper, plastic, glass, and metal. To maintain the vitality of this system, the university utilizes a robust digital advocacy strategy; social media and official communication channels serve as continuous reinforcement tools, translating institutional infrastructure into a living culture of sustainable behavior.



Example of 3R waste bins (Tokat Gaziosmanpaşa University)

INORGANIC WASTE MANAGEMENT AT TOGU

The inorganic waste at our university are recycled by collecting from whole units. The waste monitoring results of Tokat Gaziosmanpaşa University demonstrate a positive trend in the management of plastic and paper waste compared to the previous year. The data indicates that small but meaningful reductions were achieved through the implementation of the university's **3R (Reduce, Reuse, Recycle)** program and zero-waste initiatives.

Total volume of paper and plastic produced this year

Type of waste	amount (ton)		
	Produced		change
	Last year	This Year	
Plastic	7,8	7,7	-0,1
Campus	4	4	0
Hospital	3,9	3,8	-0,1
Paper	24	25,5	+1,5
Campus	10	11,5	+1,5
Hospital	14	14	0
	31.8	33.2	+1.4

- **Plastic Waste:**
 - The total amount of plastic waste decreased slightly from **7.8 tons to 7.7 tons**, showing a reduction of **0.1 tons**.
 - At the **campus units**, plastic waste levels remained the same (**4 tons**), indicating stable consumption.
 - At the **university hospital**, plastic waste decreased from **3.9 tons to 3.8 tons**, with a reduction of **0.1 tons**, reflecting effective measures in clinical and administrative areas.
- **Paper Waste:**
 - Paper waste decreased more significantly, from **24 tons last year to 25,5 tons this year**, showing an increase of **1,5 ton**.
 - At the **campus**, waste increase from **11,5 tons to 10 tons**, accounting for the full 1,5-ton step-up. This is due to the neglect of a very strict paper collection policy.
 - At the **hospital**, paper waste remained stable at **14 tons**, showing no increase but also no reduction.



Recent evaluative data regarding the university's environmental initiatives indicate a nuanced trajectory of success, characterized by varying rates of progress across different material streams and campus zones. While reductions in plastic waste have remained relatively modest, there has been a significant and measurable decline in paper consumption, particularly within the central campus corridors. This trend underscores the efficacy of targeted digital transition strategies and administrative awareness campaigns. However, the data also reveals a plateau in waste generation within hospital units—a critical area where the complexity of clinical operations necessitates more specialized, aggressive minimization strategies to mirror the successes seen in academic departments.

A particularly compelling phenomenon identified in the study relates to the "extended responsibility" mindset observed among academic and administrative staff. Findings suggest that many personnel have transitioned from being passive participants to active stakeholders in the recycling loop, often bringing recyclable materials from their private residences to the university's collection points. This behaviour indicates that the institution is no longer viewed merely as a workplace, but as a trusted vehicle for environmental stewardship. It reflects a profound psychological shift: individuals, driven by a personal sense of ecological duty, utilize the university's licensed recycling infrastructure as a reliable means to ensure their own domestic footprint is mitigated.

These outcomes serve as a testament to the cumulative impact of improved separation protocols and the university's persistent efforts to foster an environmental conscience. Moving forward, the university's strategic focus will be twofold: sustaining this high level of individual engagement while simultaneously engineering new interventions for stagnant sectors, such as healthcare units.

Inorganic Waste Treatment

Tokat Gaziosmanpaşa University has established a sophisticated inorganic waste management ecosystem, centered on the strategic deployment of **Zero Waste Mobile Centers**. These mobile units function as high-accessibility hubs, ensuring that inorganic materials are meticulously separated at the point of origin. By isolating recyclables from general waste streams at the first point of contact, the university preserves the purity and structural integrity of materials, which is a critical prerequisite for high-quality industrial recovery.

The final stage of this ecosystem represents a commitment to the **Circular Economy** through a transparent and regulated economic model. Once waste is systematically collected and consolidated, the university initiates a competitive tendering process. Licensed recycling firms participate in this tender to acquire the sorted materials, ensuring that the waste is professionally reintegrated into the manufacturing supply chain. This process transforms the university's waste into a valuable commodity, providing a sustainable revenue model that supports further environmental initiatives.

The following table illustrates the metrics for inorganic waste generation and disposal at our university in 2025, as well as their annual variations.



Total volume inorganic waste treated in 2025

Type of waste	amount (ton)					
	Produced		change	Treated		
	Last year	This Year		reused	down-cycled	up-cycled
inorganic non-toxic	31,8	33,2	+1,4	33,2	0	0
paper	24	25,5	+1,5	25,5	0	0
plastic	7,8	7,7	-0,1	7,7	0	0

By aligning its operational protocols with the national **Zero Waste Project**, Tokat Gaziosmanpaşa University demonstrates that environmental stewardship is not merely a policy, but a dynamic, evolving commitment. Through the synergy of accessible infrastructure, data-driven monitoring, and economic valorization, the institution continues to set a benchmark for how modern universities can lead the transition toward a regenerative and waste-free future.



Example of inorganic waste treatment



Example of inorganic waste treatment

Minimizing Inorganic Waste Strategies

To minimize plastic and paper waste across our campus, the adoption of durable or sustainable alternatives is encouraged instead of single-use items. Examples of these products, available at the university's sales store, are illustrated below.



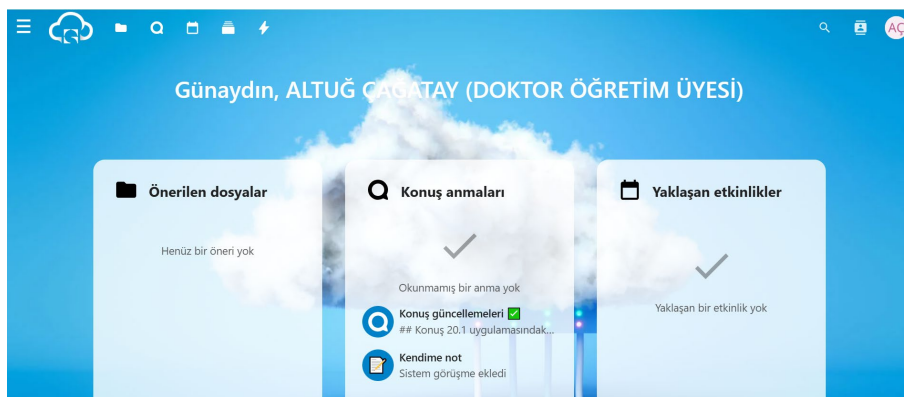
Examples of cloth bags, and recycled bags



Thermos and reusable cups

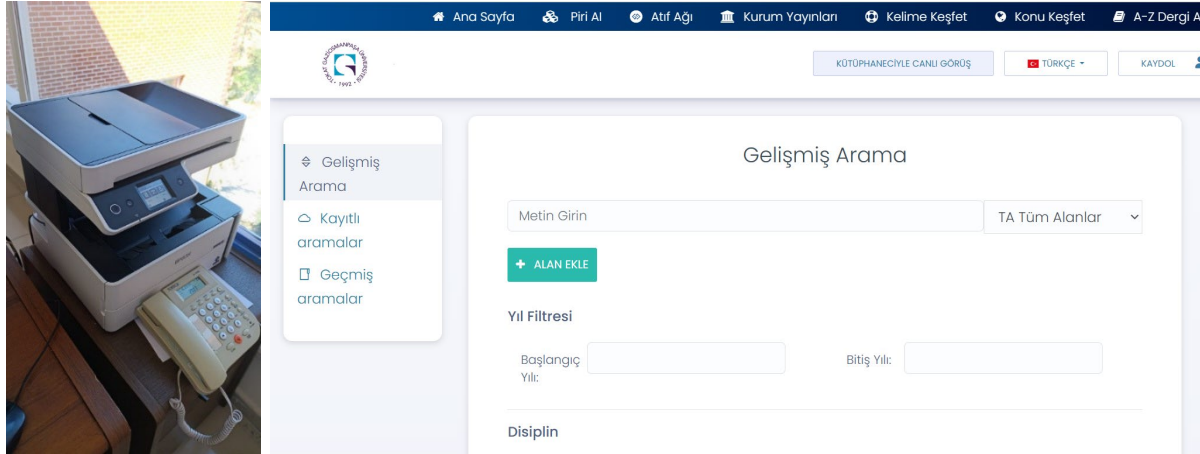


Electronic document management system of the university





The cloud system for file sharing and document circulation to support paperless workflows. If there is a mandatory printing process, a shared printer is used, and the double-sided printing rule is followed. Our system allows users to read PDF or ePub formatted books without printing. Encouraging them to take meeting notes by providing application guidance on tablets and smartphones.



Shared printer and ePub system

ORGANIC WASTE MANAGEMENT AT TOGU

Tokat Gaziosmanpaşa University has reached a pivotal stage in its sustainability journey by establishing a sophisticated composting ecosystem that closes the loop between organic consumption and soil regeneration. At the heart of this initiative is the Faculty of Agriculture, which has transitioned to a rigorous, systematic collection protocol for food and plant-based residuals. By streamlining the logistics between primary generation points and the university's dedicated Composting Center, the institution has successfully transformed potential pollutants into high-value biological assets.

The data reveal a notable year-over-year increase in the volume of organic matter delivered to the composting facility. Critically, this upward trend is interpreted not as an escalation in waste production, but as a significant victory for institutional awareness and procedural precision.

Total volume organic waste treated in 2025

Type of waste	amount (ton)					
	Produced		change	Treated		
	Last year	This Year		reused	down-cycled	up-cycled
organic	35	46	+11	46	0	0

Organic Waste Treatment

The university's composting facility plays a vital role in the sustainable management of organic waste collected both from the campus and from collaborating institutions. The process ensures that organic waste is transformed into valuable compost with no harmful impact on the environment.



With a **weekly processing capacity of 3.5 tons** and the ability to produce up to **60 tons of compost annually**, the facility significantly contributes to the goals of the **Zero Waste Project**, which was launched under the auspices of the Presidency of the Republic of Türkiye in 2017. By diverting organic waste from disposal streams and converting it into nutrient-rich compost, the facility supports agricultural applications and reinforces circular economy principles.

The excellence of this initiative has been formally recognized at the national level, as the composting project was awarded **second place in the “Education Category” of the Productivity Project Awards**, organized by the Ministry of Industry and Technology. This achievement highlights both the environmental and educational value of the facility, positioning it as a model for sustainable waste management practices.

Overall, the compost production center provides significant benefits not only for the university but also for the wider community, demonstrating the importance of environmentally conscious solutions in waste treatment.

The long-term vision for this program extends beyond simple waste diversion; it is an investment in the university's academic and ecological infrastructure. As specialized training sessions and practical demonstrations continue to permeate the campus culture, the Composting Center is expected to see sustained growth in participation. This expansion will directly enhance the university's capacity for sustainable soil enrichment, providing the Faculty of Agriculture with organic fertilizers that improve soil health and crop resilience.



Organic waste treatment center of Tokat Gaziosmanpaşa University



TOXIC WASTE MANAGEMENT AT TOGU

The university operates a robust hazardous waste management system that ensures the safe processing of all toxic substances generated by our hospital and educational facilities. Collected toxic waste is transferred to a licensed treatment facility. This proactive management strategy minimizes environmental footprints, prevents ecosystem contamination, and ensures that our clinical and academic operations remain in full compliance with national sustainability mandates. Our approach underscores a fundamental university value: balancing high-quality education and healthcare with rigorous ecological protection.

Total volume toxic waste treated in 2025

Type of waste	amount (ton)					
	Produced		change	Treated		
	Last year	This Year		reused	down-cycled	up-cycled
toxic	150,669	174,202	+23,5	174,202		
- electronics	5	8	+3	8		
- lab. Chemicals	10	10		10		
Universty Hospital	135.669	156,202	+20,533	156,202		
Universty						

Toxic Waste Treatment

The University Hospital implements a rigorous **centralized collection and segregation strategy**. All hazardous and toxic wastes are stored in specialized, designated containment areas engineered to prevent any leakage or environmental contamination. This secure storage phase ensures the physical integrity of hazardous materials—including electronic equipment and laboratory chemicals—until they are transferred for professional treatment.

Our university maintains formal partnerships with **authorized and licensed waste management institutions**. This collaboration ensures that the entire lifecycle of toxic waste remains in full compliance with national environmental regulations, effectively eliminating risks to public health and the surrounding ecosystem.



Toxic waste treatment system of TOGU university hospital



Waste transfer to the municipal sterilization facility

Disposal Management

The final stage of the medical waste lifecycle follows a strict protocol of sterilization and volume reduction, aligned with the *Medical Waste Control Regulation* and relevant national legislation.

- **Sterilization and Validation:** Medical waste is subjected to high-level sterilization, achieving a microbial inactivation rate of 4-6 log₁₀. The success of each cycle is rigorously validated using biological and chemical indicators. In any instance where indicator colors do not change, the process is mandatorily repeated to ensure 100% safety.
- **Volume and Weight Reduction:** Post-sterilization, the waste is processed through crushing and shredding. This transformation achieves significant physical reduction:
 - **Weight Reduction: 30% – 35%**
 - **Volume Reduction: 65% – 70%**
- **Final Disposal:** Once processed and rendered harmless (meeting household waste standards), the shredded materials are transported to **Class II Landfills**, as defined by the Official Gazette (No: 27533).

By integrating advanced sterilization technologies with secure landfilling, the University minimizes its ecological footprint. This structured approach not only ensures legal compliance but also demonstrates our proactive commitment to **sustainable and ecologically safe hazardous waste management**, protecting the integrity of our natural resources.

SEWAGE DISPOSAL

The wastewater streams of our university are routed to the biological treatment facility operating under the Tokat Municipality. All purification processes are executed directly by the municipal authority.



Sewage disposal process of Tokat Municipality

The Tokat Wastewater Treatment Plant, operated by Tokat Municipality, is situated on a 75,000-square-meter site along the Tokat-Turhal Highway and represents a milestone in regional environmental protection. As one of the first two facilities in the nation constructed with European Union grants, the plant serves as a critical barrier in protecting the Yeşilırmak River ecosystem.

Operational Efficiency and Sustainability

The plant is a model of resource efficiency and climate adaptation:

- **Energy Self-Sufficiency:** Depending on the wastewater composition, the facility is capable of generating approximately **47% of its own energy** requirement, significantly reducing its carbon footprint and operational costs.
- **Daily Output:** An average of **26,000 m³** of wastewater is treated daily to rigorous standards before being safely discharged into the Yeşilırmak River.
- **Climate Resilience:** The structural and operational design is specifically optimized to withstand extreme weather conditions, including heavy winter precipitation and high-flow periods.

By integrating advanced biological treatment with renewable energy recovery, the plant demonstrates a high-level commitment to sustainable waste management. This infrastructure ensures that the regional water cycle is maintained with minimal ecological disruption, aligning with international environmental standards

WATER MANAGEMENT





Strategic Water Governance and Conservation Roadmap

Water is one of the most critical elements for global ecological equilibrium, and its sustainable management stands at the core of Tokat Gaziosmanpaşa University's environmental vision. Recognizing its institutional responsibility toward regional resource preservation, the university deploys a water management strategy initiated in 2020. This ongoing institutional strategy aims to maximize consumption efficiency, eliminate operational infrastructure losses, and significantly minimize corporate wastewater output through innovative engineering and conservation methodologies. The data included in this section on water management at TOGU was obtained from the Department of Construction and Technical Affairs.

To optimize indoor water efficiency, the university carries out ongoing installations of aerators (perlators) on bathroom fixtures across administrative and service buildings, while mandating aerator-integrated faucets for all new structural constructions. On-campus resource security is maintained through the regular maintenance and repair of the primary water distribution network, irrigation systems, and plumbing fixtures to actively eliminate leakage.

For outdoor spaces, the university utilizes automated irrigation infrastructure and drip irrigation networks scheduled at optimized hours to prevent evaporation losses. To further modernize landscape management, feasibility studies are underway to transition toward smart irrigation systems equipped with soil moisture sensors and solenoid-controlled valves. Furthermore, a rainwater harvesting reservoir has been constructed adjacent to the Rectorate building, with future operational plans to utilize this storage for irrigating campus recreational areas. Through these integrated conservation initiatives, the university not only lowers baseline water consumption but also drastically reduces the energy required for water transmission and disinfection, supporting overarching energy efficiency targets.

To promote sustainable stormwater management, mitigate urban heat island effects, and maximize natural groundwater recharge, Tokat Gaziosmanpaşa University prioritizes the preservation of non-built, porous landscapes across its main campus envelope. The total permeable surface area dedicated to natural water absorption is calculated systematically by deducting all permanent building footprints and impervious hardscape elements (such as asphalt roads, concrete pathways, and artificial paved surfaces) from the gross institutional campus area. Based on this methodology, the total water absorption area is determined as **1,680,789 m²** out of a total gross campus area of **1,982,810 m²**, establishing a highly resilient **84.7%** permeable surface footprint that guarantees optimal ecosystem filtration and surface runoff mitigation.



Water conservation program and implementation

As part of our campus water conservation efforts, Tokat Gaziosmanpaşa University has constructed a rainwater harvesting pond adjacent to the Rectorate building, which is currently being prepared for full operation. This infrastructure is designed to collect and store precipitation from surrounding surfaces. Once operationalized, the harvested water will be utilized for irrigating campus green spaces and recreational areas, helping to reduce our reliance on groundwater resources and support campus sustainability.



Faculty of Agriculture water collection pond



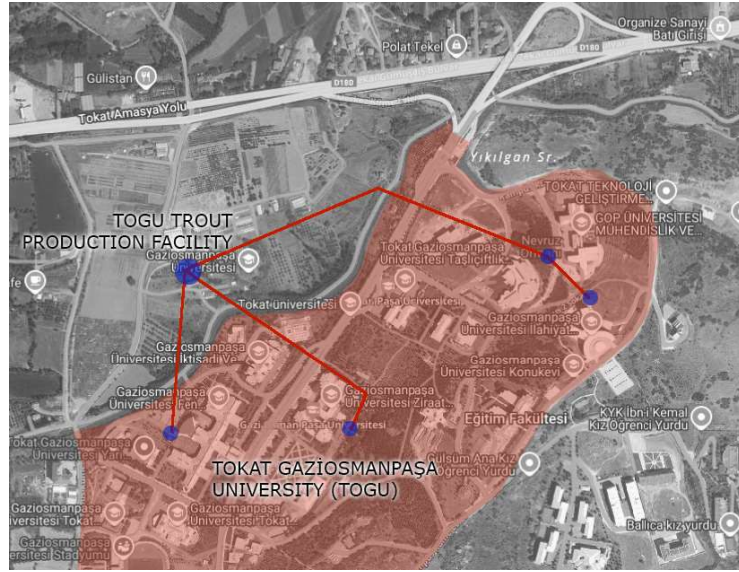
Rectorate Building water collection pond

Water Recycling Program Implementation

To promote sustainable resource circulation and circular water management, Tokat Gaziosmanpaşa University actively captures, redirects, and repurposes natural water assets across its campuses. Natural spring water originating from the gardens of the **Common Classroom Building**, the Faculty of Theology, the upper garden of the Faculty of Agriculture, and the lower garden of the Faculty of Arts and Sciences is systematically collected and routed directly to the **Agricultural Application and Research Center** to meet institutional irrigation and research needs. Additionally, a portion of the natural spring water from the Faculty of Agriculture is integrated into the central campus square fountains, providing clean, continuous access for students and staff.

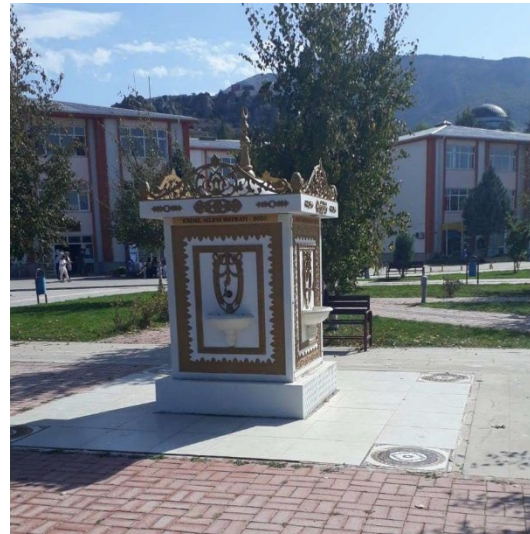
Beyond the main campus, self-sufficiency models are deployed across regional extensions. At the university's **Zile Campus**, the entire water requirements for the three primary education and practice buildings are fully met through a dedicated natural water well drilled in the upper section of the campus. The precise satellite imagery location and formal chemical/biological analysis reports for this water infrastructure are attached at the conclusion of this section.

All buildings of Tokat Gaziosmanpaşa University have separate sewerage systems for wastewater and clean water (rainwater). The sewer network is directed outside the campus and connected to the wastewater treatment facilities of the Municipality.



Picture of moving to the natural water reservoirs and trout production facility in our central campus

The environmental irrigation needs of our university's Pazar Vocational School building are met from the water well in front of the building seen in the figure below.



Underground water well used for irrigation in the garden of the Pazar campus
Fountains in the campus square

Water Efficient Appliances Usage

To minimize unnecessary consumption and institutional water strain, Tokat Gaziosmanpaşa University prioritizes the systematic retrofitting of high-efficiency water appliances across its centralized campus facilities. As part of this sustainability directive, smart sensor-activated taps, low-flow aerators, and dual-flush toilet systems are standard configurations in all newly constructed buildings, while a phased replacement program continuously upgrades fixtures in existing facilities.



This technological integration extends to facility maintenance operations, where the university utilizes a fully optimized fleet of industrial cleaning machines engineered for high-pressure, low-volume water utilization. Currently, the distribution and optimization rates of institutional water-efficient appliances are detailed below:

Distribution and percentage of water-efficient appliances

Appliance	Total Number	Total Number Water Efficient Appliances	Percentage
Toilets	1100	650	59%
Faucets	800	520	65%
Cleaning machine	90	90	100%



Central Laboratory Building's restroom and water-saving cleaning machines of our university

On-Campus Water Purification and Treatment Infrastructure

To guarantee safe, sustainable, and continuous access to clean drinking water, Tokat Gaziosmanpaşa University deploys high-standard local water treatment and filtration infrastructures across its facilities. At the Taşlıçiftlik Campus, the municipal mains water supplied to central dining halls, student cafeterias, and social facilities is systematically processed through modern industrial purification devices to deliver high-quality, potable drinking water for the campus community.

Beyond dining amenities, rigorous water quality control is sustained at institutional athletic facilities. The university executes regular, systematic maintenance and calibration of the advanced filtration and purification networks integrated into the campus indoor swimming pool. These continuous technical interventions guarantee that the pool water complies strictly with formal hygienic and public health standards, providing a safe and healthy environment for academic and recreational sporting activities.



Water filter systems

Regulatory Compliance, Water Quality Auditing, and Safety Standards

The primary drinking and potable water supply for Tokat Gaziosmanpaşa University is secured from dedicated subterranean water wells located within our institutional campus boundaries. To extract and distribute this water safely, modern pumping and chlorination stations have been established across the campus ecosystem. To guarantee strict compliance with national public health indicators, the biological and chemical quality of the drinking water at these pumping stations is systematically and periodically monitored through unannounced regulatory audits conducted by the Provincial Directorate of the Ministry of Health. During these routine institutional inspections, official health inspectors collect on-site water samples for rigorous laboratory analysis, and the formal compliance status is documented transparently. Sample analysis reports demonstrating our continuous adherence to clean drinking water standards are presented in the visuals below.

Water pollution control in campus area

The drinking water for our university is supplied from wells located within our campus boundaries. Pump stations have been established to access the well water. The quality of drinking water at these stations is periodically measured through audits conducted by the Ministry of Health. Sample reports are presented in the visuals below.



Drinking water well pump station

TRANSPORTATION





With a vision of a sustainable future, Tokat Gaziosmanpaşa University adopts the promotion of eco-friendly and low-emission transportation methods throughout its campuses as a strategic priority. Through the sustainable mobility policies developed, the university aims to minimize its corporate carbon footprint while enhancing the quality of life and well-being of approximately 30,000 students and 3,500 academic and administrative staff. In order to optimize public transportation options at the main and district campuses, our university conducts dynamic collaborations with relevant external stakeholders, particularly local governments, and resolutely continues its planning for the integration of intra-campus micro-mobility and alternative transportation networks. The information regarding transportation conditions at TOGU included in this section was obtained from the general secretariat and the protection and security coordination office.

Accessibility from city centers to our campuses is uninterruptedly provided via public transportation vehicles managed by local authorities. Furthermore, to strengthen intra-campus integration, continuous and complimentary shuttle services are organized throughout the day between student dormitories and all academic units within the boundaries of the Main Taşıçılık Campus. The commute of academic and administrative staff from various routes in the city center to the campus, aligned with working hours, is optimized free of charge through an extensive network of personnel shuttles managed via a tender process. While the Automatic Pass System (OGS) and license plate recognition technologies are actively utilized to control on-campus vehicle density, ensure security, and maintain logistical efficiency, the system is continuously updated based on user requests.

Aiming to reflect energy efficiency across its transportation infrastructure in accordance with sustainable campus standards, our university implements a green fleet transition as a priority policy. Accordingly, in the selection of new vehicles to be included in the institutional inventory, preference is given to low-emission vehicles equipped with electric or hybrid fuel consumption features. Simultaneously, in order to support the utilization of green vehicles and the accompanying technological infrastructure within campus boundaries, efforts to increase the number of electric meters and charging infrastructure across the campus are being carried out in a coordinated manner.

Metrics Regarding Motorized Vehicles Across TOGU Campuses

One of the primary sustainability objectives of Tokat Gaziosmanpaşa University is to mitigate the reliance on individual private vehicles while continuously optimizing public transportation alternatives across our campuses. The comprehensive metrics regarding the daily vehicle influx into our campus areas are presented in the table below. To ensure the highest level of accuracy and transparency in our reporting, data concerning university-owned fleet vehicles was sourced directly from the General Secretariat, whereas the statistical tracking of daily incoming private cars and motorcycles was compiled and provided by the Campus Security Department. The metrics regarding the daily vehicle distribution relative to the total campus population highlight the efficiency of our sustainable transport policies. With a comprehensive total campus population of 37,582 individuals, the total number of campus-related vehicles—comprising 33 university-managed cars, 2,673 incoming private cars, and 562 incoming motorcycles—stands at 3,268 units. Consequently, the ratio of total vehicles to the total campus population is calculated as approximately 0.086 vehicles per capita ($3268 / 37582$). This remarkably low per capita ratio reflects the effectiveness of our alternative mobility solutions, such as comprehensive shuttle services and public transit integration, which significantly curb individual private car dependency and lower overall campus carbon emissions.



The total number of vehicles (cars and motorcycles) divided by total campus' population

1	Car managed by the university	33
2	Cars entering the university	2673
3	Motorcycles entering the university	562
	Total	3268
	Campus Population/ Total vehicle	3268 / 37582 =0.086

Shuttle Services

The operational parameters of the intra-campus transportation network have been optimized to enhance student mobility and support environmental sustainability. Tokat Gaziosmanpaşa University provides a complimentary shuttle service operating within the campus boundaries using university-owned fleet vehicles, each featuring a seating capacity of 43 passengers. Designed to accommodate daily academic schedules efficiently, the ring service begins its operations with an initial departure at 08:15 and concludes with a final evening run at 16:45. Throughout the day, the shuttles run reliably at regular 30-minute intervals, providing a continuous, sustainable, and high-capacity mass transit alternative that reduces individual carbon footprints across the campus.



Shuttle services of TOGU

Institutional Personnel Shuttles and Public Transportation

In order to enhance campus accessibility and mitigate emissions arising from private vehicle dependency, Tokat Gaziosmanpaşa University provides a comprehensive public transit and commuting infrastructure. Within this framework, institutional transportation services tailored for all academic and administrative staff are managed through an extensive network of 12 distinct shuttle routes departing from 12 strategic locations across the city. Synchronized with the beginning and end of official working hours, this integrated shuttle system is complemented by public transit assets operated by municipal affiliates to sustain campus mobility. Operating on a seamless schedule from early morning until midnight, municipal bus services guarantee safe, economical, and eco-friendly transit to our campuses for both students and staff.



Public transportation at TOGU



Examples of public transport and staff shuttle services

Zero Emission Vehicles (ZEV) Availability on Campus

The integration of Zero Emission Vehicles (ZEV) and supporting clean energy infrastructure highlights Tokat Gaziosmanpaşa University's commitment to sustainable campus operations. Currently, an all-electric TOGG vehicle is actively utilized for rectorate affairs. To facilitate this transitioning fleet, the campus infrastructure includes specialized charging capabilities: one 22 kW AC charging unit is installed within the underground garage, complemented by an additional three 22 kW AC charging units located in the rectorate building's underground garage. Furthermore, this clean energy transition extends to compassionate campus care, as evidenced by an electric transportation service operating at the university hospital specifically to assist patients with special needs. The necessary procedures for the installation of electric vehicle charging stations on our campuses are being carried out in a short time.



Electric vehicle charging station at TOGU



Zero emission vehicles used for those with special needs



Pedestrian-Friendly Campus Infrastructure and Active Living Zones

Tokat Gaziosmanpaşa University prioritizes a pedestrian-oriented environmental design that encourages active living and sustainable mobility within the Main Taşlıçiftlik Campus. Integrated within the institutional green spaces, an extensive network of walking trails is maintained to facilitate both intra-campus pedestrian transit and recreational sporting activities. These routes are strategically routed through the campus's dense forest vegetation and alongside the scenic water channel corridor, offering users biophilic opportunities for physical engagement within a natural ecosystem. To maximize pedestrian comfort and security, the entire trajectory of the trail network is comprehensively equipped with energy-efficient lighting systems and robust campus safety monitoring infrastructure. All buildings on our main campus are accessible by bicycle. While our pedestrian and bicycle-friendly campus doesn't yet have a dedicated bike path, feasibility studies are underway to develop one.



Pedestrian-friendly campus center



Walking routes on campus



Planned bicycle route

Traffic regulations at TOGU

Within our university, traffic rules are strictly applied, thus reducing vehicle movement. Reducing private vehicle use on campus is directly aligned with the Traffic Directive (Document No: TOGÜ.YÖN.049) implemented by Tokat Gaziosmanpaşa University. The directive clearly establishes key priorities such as ensuring life and property safety, maintaining traffic order, prioritizing pedestrians, and improving accessibility for individuals with disabilities.

The official policy document can be accessed here:

https://kalite.gop.edu.tr/depo/menuler/birim_11412/yonetim_dokumanlari_1003/dosya_icerik/4844619/yonetim_dokumanlari_20260210131018.pdf

Within this framework, the directive introduces controlled access mechanisms such as the OGS (Automatic Pass System), mandatory visitor registration, and restrictions on unauthorized vehicle entry. These measures demonstrate an institutional approach aimed at regulating and limiting vehicle density on campus. Therefore, reducing private vehicle use strengthens the effectiveness of these existing controls and reduces administrative and operational burdens related to traffic monitoring.



RFID cards, purchased for a fee, are used for accessing the campus and using the parking lots



Moreover, the directive enforces strict rules including a 30 km/h speed limit, absolute pedestrian right of way, designated parking requirements, and restrictions on environmentally harmful vehicles (e.g., those causing excessive noise or emissions). Lowering the number of private vehicles would directly support compliance with these rules by reducing congestion, minimizing accident risks, and improving overall traffic flow.



Traffic signs and monitoring system

Inclusive Mobility and Accessible Campus Infrastructure

In strict alignment with the Directives of the Coordinatorship of Barrier-Free University, Tokat Gaziosmanpaşa University implements comprehensive accessibility principles across all intra- and inter-campus transit operations for students and personnel with disabilities or special needs. Within this framework, a strategic institutional collaboration between the TOGU Coordinatorship of Barrier-Free University and the Ministry of Family and Social Services has resulted in the allocation of a dedicated shuttle vehicle to facilitate the comfortable transfer of individuals with special needs from the city center to the main campus.

As part of our commitment to universal design and institutional inclusivity, all campus pedestrian walkways, public plazas, open communal areas, and building entrances are comprehensively equipped with tactile paving, adaptive signaling, and infrastructural safeguards to guarantee autonomous, safe, and unhindered mobility for individuals with disabilities. Importantly, the traffic directive of university emphasizes inclusivity by prioritizing accessible mobility for disabled individuals. Decreasing private vehicle dependency contributes to a more walkable, safe, and inclusive campus environment, ensuring equitable access for all users.



Accessible roads and entrance of campus buildings

Parking Spaces

Tokat Gaziosmanpaşa University implements an optimized parking strategy designed to maintain intra-campus order, maximize pedestrian safety, and prevent visual pollution. To ensure a balanced distribution of vehicle circulation across the campus, dedicated parking facilities are strategically located within the immediate vicinity of each faculty and administrative building. These regional parking zones provide academic staff, administrative personnel, and students with convenient and rapid access to their respective units, and are further supported by a centralized parking infrastructure. Located at the heart of the campus, the high-capacity central parking zone effectively accommodates peak-hour transit demands and alleviates the overall intra-campus traffic load.

Ratio of Parking Area to Total Campus Area

The spatial distribution and land-use analysis for the (Ratio of Parking Area to Total Campus Area) metric demonstrate a balanced infrastructure footprint designed to mitigate urban heat island effects and prioritize green open spaces. Out of a total campus footprint spanning 1.982.810 m² the space allocated for centralized and departmental parking facilities is limited to 88.972 m². This configuration results in a controlled parking area ratio of just 4.48%. Keeping the parking footprint beneath a minimal threshold illustrates Tokat Gaziosmanpaşa University's overarching land-use strategy, which focuses on restricting vehicular expansion in favor of expanding ecological reserves, pedestrian corridors, and permeable natural landscapes.

Total campus area: 1.982.810 m²

Total parking area = 88.972m²

Ratio = $(88.972\text{m}^2 / 1.982.810\text{ m}^2) = 4.48\%$



Examples of parking areas on main campus

Transportation program designed to limit or decrease the parking area on campus for the last 3 years (from 2022 to 2025) . Some car parks are organised as resting places for students and staff. Vehicle entry is prohibited. The existing parking lots on the campus are closed in random order, and in this way, public transportation is directed. Reducing private vehicle use on campus is not only an environmental initiative but also a policy-aligned strategy that enhances safety, accessibility, traffic efficiency, and campus livability, while reinforcing the implementation of the university's existing traffic regulations.

EDUCATION and RESEARCH





Tokat Gaziosmanpaşa University possesses a dynamic educational and research infrastructure spread across a wide geographical area, encompassing 17 faculties, the Graduate Education Institute, higher schools, and vocational schools located on the Taşlıçiftlik and Ali Şevki Erek campuses, as well as across 8 districts. This multi-centered and comprehensive institutional structure offers a strategic advantage in disseminating sustainability-focused educational policies, shaped in accordance with the United Nations Sustainable Development Goals (SDGs) and the Council of Higher Education's (YÖK) 2030 Sustainability Vision, throughout the entire region. In this context, sustainable education is defined not merely as a theoretical transmission of environmental issues, but as the systematic integration of ecological, social, and economic sustainability principles into curriculum contents, research projects, and community engagement processes under the guidance of our qualified academic staff. The data regarding the educational and research activities included in this section were obtained from the Student Affairs Office, Scientific Research Projects Coordination Unit, and Events Coordination Office.

Within the framework of this vision, the course structures and curricula within our university are systematically updated to enhance students' sustainability literacy and to contribute to green transformation processes. The practical reflections of theoretical education and scientific outputs are rigorously supported by our institutional research centers. In particular, the Agricultural Research and Application Center conducts critical research on sustainable production, focusing on fields such as agroecology and climate-resilient agriculture. Concurrently, our Health, Dentistry, and Palliative Care Research and Application Centers provide integrated services dedicated to the sustainability of public health. The R&D activities carried out within these centers are transformed into high-quality academic publications, thereby contributing to the international literature.

This holistic approach of our university in education and research extends beyond campus boundaries, translating directly into community value through strategic collaborations established with local governments and public institutions, as well as via joint projects. Aligning educational quality and scientific research with sustainability goals constitutes the core foundation of our institution's regional leadership role in guiding the transition toward a regenerative, resource-efficient, and waste-free future.

CURRICULUM BREADTH AND TOTAL COURSE VOLUME

As referenced in table below the metrics regarding the total number of courses and subjects offered present the overall academic scale of Tokat Gaziosmanpaşa University. According to institutional data covering the calendar year from January 1, 2025, to December 31, 2025, the university offered 8,539 courses during the 2024–2025 Academic Year Spring Term and 7,958 courses during the 2025–2026 Academic Year Fall Term, reaching a total of 16,497 courses offered throughout the year. Retrieved from the official Student Information System (OBS) Bologna Information Package, these figures document the expansive academic portfolio and high educational capacity of our institution. Source: <https://obs.gop.edu.tr/oibs/bologna/index.aspx>

Total number of courses offered across the university (January 01 -December 31, 2025)

2024-2025 Spring Term	8.539
2025-2026 Fall Term	7.958
Total	16.497



DEPARTMENTS/PROGRAM RELATED TO SUSTAINABILITY OFFERED

Tokat Gaziosmanpaşa University is committed to integrating sustainability into its educational mission by embedding sustainability principles across its academic programs and curricula. In line with this commitment, the University offers sustainability-related courses through **72 academic departments and programs** at the associate, undergraduate, and graduate levels. The table below presents the academic departments and programs that provide sustainability-related education. These programs incorporate sustainability concepts into their curricula by addressing the environmental, social, and economic dimensions of sustainable development. Through this multidisciplinary educational approach, the University enhances students' sustainability competencies and contributes to the achievement of the United Nations Sustainable Development Goals (SDGs).

Departments/program related to sustainability offered in TOGU

Academic Unit	Departments / Programs
Faculty of Science and Letters	Department of Biology; Department of Geography; Department of History; Department of Mathematics and Science Education
Faculty of Agriculture	Department of Horticulture, Department of Plant Protection, Department of Biosystems Engineering, Department of Agricultural Economics, Department of Field Crops, Department of Soil Science and Plant Nutrition, and Department of Animal Science.
Faculty of Engineering and Architecture	Department of Electrical and Electronics Engineering; Department of Civil Engineering; Department of Mechanical Engineering
Faculty of Economics and Administrative Sciences	Department of Economics; Department of Public Administration
Faculty of Fine Arts	Department of Traditional Turkish Arts; Department of Graphic Design; Department of Gastronomy and Culinary Arts
Faculty of Education	Department of Educational Sciences; Department of Early Childhood Education; Department of Primary Education, Department of Special Education, Department of Maths and Science Education
Faculty of Health Sciences	Department of Nursing; Department of Emergency Aid and Disaster Management
Erbaa Faculty of Health Sciences	Department of Nursing; Department of Health Management
Erbaa Faculty of Social and Humanities	Department of Communication and Design
Almus Vocational School	Laboratory Technology Program; Office Management and Executive Assistance Program
Erbaa Vocational School	Computer Programming Program; Radio and Television Programming Program; Graphic Design Program; Fashion Design Program; Public Relations and Publicity Program
Niksar Vocational School	Renewable Energy Technology Program; Electrical Machinery Maintenance and Repair Program; Mechatronics Program; Forestry and Forest Products Program; Renewable Energy Technologies Program
Pazar Vocational School	Child Development Program; Social Services Program; Banking and Insurance Program
Reşadiye Vocational School	Healthcare Institutions Management Program



Tokat Vocational School	Accounting and Tax Applications Program; Office Management and Executive Assistance Program; Court Office Services Program; Business Administration Program; Electrical Program; Natural Gas and Plumbing Technology Program; Construction Technology Program; Criminal Justice and Security Services Program
Tokat Vocational School of Health Services	Operating Room Services Program; Pathology Laboratory Techniques Program; Medical Laboratory Techniques Program; Pharmacy Services Program; Child Development Program; Hair Care and Beauty Services Program; Medical Services and Techniques Programs
Turhal Vocational School	Computer Programming Program; Hybrid and Electric Vehicle Technology Program; Biomedical Device Technology Program; Electronics Communication Technology Program; Mechatronics Program; Business Administration Program
Erbaa Vocational School of Health Services	Home Health Care Program; First and Emergency Aid Program; Opticianry Program; Medical Documentation and Secretarial Program
TOTAL	72 Departments / Programs

SUSTAINABILITY-RELATED COURSES

Tokat Gaziosmanpaşa University believes that building a sustainable future depends not only on operational campus management but also on the generation, transformation, and transmission of knowledge to future generations. In line with this vision, our university adopts sustainability principles as a core pillar of its academic mission. Our primary priorities focus on expanding green curricula through an interdisciplinary approach in educational activities, while fostering scientific research within our R&D and innovation ecosystem that offers sustainable solutions to ecological, economic, and social challenges. The university's academic programs, course content, scientific research projects, and community service activities that contribute to global sustainable development goals demonstrate its vision in the field of education and research.

As part of Tokat Gaziosmanpaşa University's commitment to advancing green education, sustainability concepts are systematically embedded across diverse academic fields. Currently, the university offers a comprehensive total of **489** active courses that directly or indirectly incorporate sustainability principles into their syllabi. This extensive curricular integration ensures that students across various departments are equipped with the interdisciplinary knowledge necessary to address global ecological and socio-economic challenges. Detailed institutional records and the complete registry of these sustainability-embedded courses are publicly accessible for verification through the official repository on the website of university's Sustainability Coordination Office: https://surdurulebilirlik.gop.edu.tr/Icerik.aspx?d=tr-TR&mk=44900&m=raporlar_ve_belgeler



ACADEMIC STAFF PROFILE AND DEMOGRAPHIC DISTRIBUTION

Tokat Gaziosmanpaşa University possesses a robust academic staff infrastructure dedicated to maintaining high-quality educational activities and conducting scientific research on a global scale. Our expert faculty members serve as the primary driving force in achieving institutional goals and integrating our sustainability vision into the academic curriculum. Accordingly, the following dataset and analysis present a detailed overview of the institutional human resource capacity in 2025, illustrating the comprehensive distribution of academic staff by their respective titles. According to the institutional record, the university employs a total of 1,810 academic staff members, comprising 771 female and 1,039 male academicians. The breakdown by academic titles highlights a robust hierarchy including 208 Professors, 215 Associate Professors, 501 Assistant Professors, 300 Lecturers, 584 Research Assistants, and 2 Postdoctoral Researchers driving educational and R&D activities across our campuses. Notably, the higher concentration of female researchers within the Research Assistant cadre (306 female, 278 male) reinforces the university's institutional commitment to fostering gender equity and equal opportunities for the next generation of academia.

Academic Staff Overview (2025)

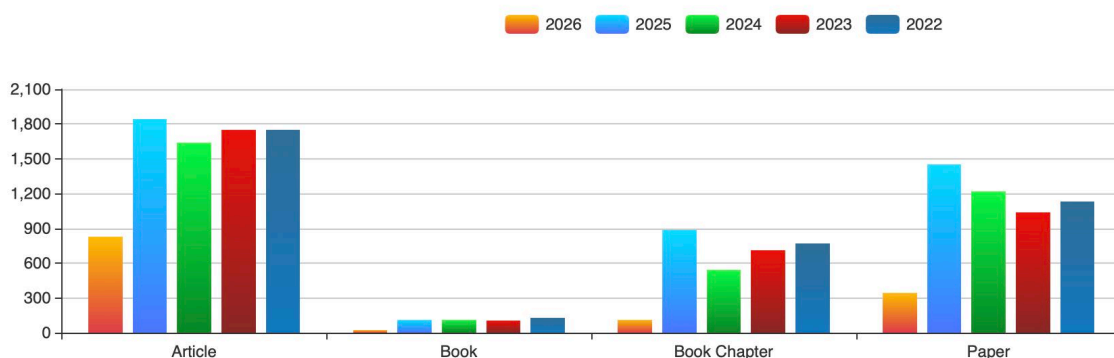
Title	Female	Male	Total
Professor	47	161	208
Associate Professor	79	136	215
Assistant Professor	216	285	501
Lecturer	121	179	300
Research Assistant	306	278	584
Postdoctoral Researcher	2	0	2
SUBTOTAL	771	1,039	1,810

SCIENTIFIC OUTPUTS AND ACADEMIC PUBLICATION PERFORMANCE

As part of its mission to generate scientific solutions to global and regional challenges, Tokat Gaziosmanpaşa University resolutely sustains its research and development (R&D) activities. In order to monitor the university's academic productivity, knowledge advancement, and contribution to international literature, our institutional publication performance is systematically tracked. Within this framework, the metrics presented in graphic and table below provide an analytical breakdown of the annual distribution of articles, books, book chapters, and conference papers produced university-wide over the last five years. Covering the period from 2022 to 2026, these figures document the evolution of our institution's scientific production capacity and the academic infrastructure supporting sustainable development goals. Information on all academic research and publications conducted at our university can be accessed through the academic data management system, unis.gop.edu.tr portal.



Publications in the Last 5 Years - University Wide



Publications in the Last 5 Years - University Wide

PDF Excel Print

Year	Article	Book	Book Chapter	Paper	Other Publications	Total
2026	831	22	113	346	0	1.312
2025	1.842	111	888	1.451	5	4.297
2024	1.637	113	541	1.220	0	3.511
2023	1.752	103	711	1.037	0	3.603
2022	1.752	128	772	1.129	0	3.781
5 Record	7.814	477	3.025	5.183	5	16.504

Publication statistics at UNIS

Integration of the University Information System (UNIS) and SDG Categorization

The comprehensive publication metrics of our institution are continuously updated and systematically monitored through the University Academic Data Management System, accessible via the official portal at unis.gop.edu.tr. This dynamic platform allows open verification of the scientific outputs generated by each faculty, department, and individual researcher across our campuses. Furthermore, the UNIS infrastructure features an advanced tracking framework that automatically categorizes all peer-reviewed academic publications based on their alignment with the United Nations' 17 Sustainable Development Goals (SDGs). Through this institutional mapping, it is documented that out of a total of 4,297 scientific publications produced by our researchers in the year 2025, a significant majority of **3,168** publications are directly associated with and contribute to global sustainable development targets. This high correlation underscores our university's research ecosystem and its commitment to driving impactful, sustainable scientific inquiry. The table below shows the ratio of total publications related to sustainability to the number of our academic staff.

Ratio of scholarly publications on sustainability to lecturers and researchers

Total lecturers and researchers	1810 academics
Total scholarly publication in 2025	3168 publications
Total scholarly publication in 2025/ Total lecturers and researchers	3168/1810= 1,75



ENVIRONMENTAL CONSCIOUSNESS AND AWARENESS INITIATIVES

Tokat Gaziosmanpaşa University actively fosters a culture of environmental responsibility by organizing comprehensive awareness campaigns and sustainability events throughout the academic year. Cultivating ecological literacy among our students, staff, and the local community remains a core institutional priority. In 2025, The university has successfully hosted a comprehensive total of 226 sustainability-focused events across all academic and administrative units. These initiatives strategically addressed the three core pillars of global sustainability—social, economic, and environmental development. All sustainability-related activities, campaigns, and academic forums are systematically recorded and archived through the University Information System (UIS) Event Management Module. This digital infrastructure continuously monitors the scale and impact of our campus engagement.

Etkinlik Kayıtları - Rektörlük						
Yeni Etkinlik	Yeni	Etkinlik Katılımcıları	Etkinlik Karşılıkları	İstatistikler	Başlangıç: 1.01.2025	Bitiş: 31.12.2025
Etkinlik ID	Etkinlik Adı	Kant Var mı?	Etkinlik Kapsam	Etkinlik Türü	S.S., Gön. ve Top. K. Koord.	
5953	Geleceğin Matematik Öğretmenlerinden Sürdürülebilirlik ve Su Farkındalığına Yönelik Örnek Projeler	Evet	Ulusal	Teknik Gezi	Toplumsal katkı	
5888	Geleceğin Matematik Öğretmenlerinden Sürdürülebilir Bir Gelecek İçin "Aek" Sefarberliği Yürüldü	Evet	Ulusal	Teknik Gezi	Sosyal sorumluluk	
5887	"Yenilenebilir Enerji ve Sürdürülebilirlik" Temalı TÜBİTAK 2209-A Yayıncılık Sempozyumu Gerçekleştirildi	Evet	Ulusal	Konferans	Gönüllük	
5798	Sürdürülebilirlik ve Yeşil Dönüşüm	Evet	Ulusal	Bilgilendirme	Sosyal sorumluluk	
5626	TÜBİTAK 2237-A "Sosyal Beceri Temelli Sürdürülebilir Stratejilerle Ocul Öncesi Öğretmen Adaylarının 21. Yüzyıl Becerilerinin Güçlendirilmesi" Projesi	Evet	Ulusal	TÜBİTAK 2237-A Projesi	Sosyal sorumluluk	
5597	Suyn Sürdürülebilirliği Fotoğraf Yarışması	Hayır	Ulusal	Yarışma	Toplumsal katkı	
5426	Enerjiyle Dönüşüm: Yenilenebilir Kaynaklardan Sürdürülebilir Gelecek Projesi	Hayır	Ulusal	TÜBİTAK Projesi		
5412	İklim Değişikliğine Karşı Disiplinlerarası Yaklaşım Sürdürülebilir Çözümler	Hayır	Ulusal	TÜBİTAK Projesi	Toplumsal katkı	

TOGU UIS Event Management Module

Furthermore, a significant portion of these initiatives is actively driven and executed by student clubs. Empowering youth leadership, these student-led organizations serve as the primary catalyst for fostering grassroots cultural change on campus. The visual materials below showcase a selected portfolio of event posters from the diverse environmental and social sustainability campaigns successfully organized by our student clubs throughout the year 2025:



Examples of student clubs' sustainability events



The following events are examples of environmental sustainability organizations held at our university. On specific days and weeks such as World Environment Day and Water Day, panels, exhibitions, workshops, and seminars are organized by our academic and administrative units and are open to public and student participation.

	Green Campus Festival In collaboration with the Ministry of Environment, Urbanisation and Climate Change and the Turkish Environment Agency, Tokat Gaziosmanpaşa University successfully hosted the "Green Campus Festival". As part of the "On the Road for the Environment" mobile infrastructure initiative, the eco-friendly institutional truck visited our campus to engage youth in active ecological transition practices. The event successfully delivered hands-on sustainability workshops, environmental awareness trainings, green skills competitions, and live interactive performances.
Empowering the Community: Environmental Awareness Panels Our environmental awareness frameworks in 2025 extended beyond routine cleanups to include dedicated institutional panels and academic forums. These panels brought together specialists, researchers, and student representatives to discuss pressing ecological challenges, highlighting practical carbon-footprint reduction strategies and the importance of sustainable consumption habits.	
	Hands-On Environmental Stewardship: Waste Collection Campaigns In line with our zero-waste objectives, comprehensive volunteer-driven waste collection campaigns were successfully executed across our main and regional campuses in 2025. Participating students and academic staff actively cleared designated natural zones and public areas, sorting collected materials to emphasize the critical importance of waste segregation at the source and to reduce the campus environmental footprint.
Transforming Waste into Art Demonstrating the creative potential of circular economy principles, an extraordinary exhibition featuring artistic pieces crafted entirely from recycled and upcycled waste materials was launched in 2025. The exhibition effectively transformed discarded plastic, metal, wood, and paper textiles into thought-provoking sculptures and visual art, highlighting the artistic and ecological value of resource recovery.	

Examples of environmental sustainability activities carried out at TOGU



UNIVERSITY SUSTAINABILITY PROGRAMS WITH INTERNATIONAL COLLABORATIONS

Tokat Gaziosmanpaşa University actively expands its global network to promote cross-border academic exchange and regional sustainable development paradigms. As highlighted in examples below, our institution features selected samples from 15 distinct university sustainability programs enhanced by international collaborations. These strategic global partnerships encompass joint research frameworks, academic symposia, and multi-institutional congress, exhibitions and projects.



Investing in Resilience, Not in Disasters

Within the scope of the International Day for Disaster Risk Reduction, our University organized a workshop emphasizing the importance of building a disaster-aware and well-prepared society. Bringing together academics, students, and stakeholders from various sectors, the event focused on disaster preparedness, risk reduction, and community resilience. The workshop contributed to raising awareness of proactive disaster management and highlighted the importance of cooperation, education, and scientific knowledge in reducing disaster risks.

A Holistic Approach to Ageing.

As part of the “2025 Year of the Family” initiatives, Tokat Gaziosmanpaşa University successfully hosted the 1st International Congress on Family and Social Studies, focusing on the theme of “A Holistic Approach to Ageing.” The congress brought together scholars, researchers, practitioners, and members of the public to discuss contemporary issues related to family, society, and ageing from interdisciplinary perspectives. Alongside the academic sessions, a variety of public events held in both congress venues and historical settings enriched the program, fostering dialogue and community engagement. The congress contributed significantly to advancing knowledge and awareness on family and social issues while strengthening academic and social collaboration.



ENRICHING CAMPUS LIFE: INSTITUTIONAL CULTURAL ACTIVITIES

In line with our dedication to fostering a socially sustainable campus environment, Tokat Gaziosmanpaşa University successfully organized a comprehensive total of **162 cultural activities** throughout the year 2025. This diverse annual program encompassed live concerts, art exhibitions, literary gatherings, musical recitals, and creative workshops designed to enhance artistic expression and social inclusion. Furthermore, the inclusion of organized nature walks and outdoor eco-tours actively utilized the campus landscape to promote environmental connection and personal wellness, successfully strengthening the social fabric of the university community within a dynamic and inclusive learning environment. The photos below include images from cultural events and examples of event posters.



Examples of cultural activities such as concerts, exhibitions, and theatrical performances



FESTIVALS AND CELEBRATIONS

SpringFest 2025

On May 5–6, 2025, Tokat Gaziosmanpaşa University celebrated the arrival of spring by hosting the vibrant "TOGÜ Spring Fest" (Culture, Art, and Science Festival) in front of the Taşlıçiftlik Campus Central Dining Hall, drawing intensive participation from students, academic, and administrative staff over two days. The festival fostered community solidarity and social sustainability through traditional games, folk-dance performances, and a live concert by Halik&Can and Friends, alongside creative workshops in origami, marbling (*ebru*), and *mangala*. Furthermore, the event advanced local economic empowerment by hosting exhibition booths dedicated to women's cooperatives, providing both a commercial platform and community awareness within an inclusive campus environment.



SpringFest Events

Erasmus Days 2025

Tokat Gaziosmanpaşa University celebrated "ErasmusDays 2025" in a vibrant, collaborative atmosphere that underscored the institution's commitment to internationalization, cultural diversity, and global visibility. Serving as a vital platform for cross-cultural interaction, the event highlighted the university's mission to enrich students both academically and culturally through international exchange and cooperation programs. A key feature of the festival was the "Cultural Colors from International Students" exhibition, where international students from nations including Azerbaijan, Senegal, Ivory Coast, Palestine, Jordan, Cameroon, Egypt, Sudan, Syria, Chad, and Mali set up country-specific booths, energizing the campus with traditional presentations and lively dance performances.



Erasmus Days 2025 events



SUSTAINABILITY COMMUNITY SERVICES PROJECTS

Tools For Rural Development: Project to Enhance Digital Financial Literacy Skills

Our university implemented the project titled "Key to Rural Development: Enhancing Digital Financial Literacy Competencies," aimed at improving the digital financial literacy levels of citizens living in rural areas, simultaneously in the central city of Tokat and 11 districts, towns, and villages. The project aims to enhance the ability of rural residents to adapt to digital technologies, improve their financial literacy skills, and contribute to sustainable development. The training sessions are conducted in various districts of Tokat Province by expert teams composed of university faculty and Gendarmerie personnel. Combining our university's academic expertise with the General Command of the Gendarmerie's on-the-ground experience, this project aims to facilitate rural communities' access to information in the digital age, enable them to conduct secure financial transactions, and raise social awareness. In addition to these training sessions, similar projects will continue in the coming period to accelerate development in the region and improve the quality of life. Source: https://www.gop.edu.tr/duyuruDetay.aspx?d=trTR&m=duyuru_detay&mk=30542&id=29057

TOKAT GAZİOSMANPAŞA ÜNİVERSİTESİ

KIRSALDA KALKINMA İÇİN ANAHTAR: DİJİTAL FİNANSAL OKURYAZARLIK YETKİNLİKLERİNİN ARTIRILMASI PROJESİ

11 Nisan 2025 Cuma | 14:00

Güryıldız Beldesi TOKAT MERKEZ Prof. Dr. Mıhrıban COŞKUN ARSLAN Prof. Dr. Yusuf TEMÜR J.Asb.Kd.Çvş Sinan YILDIRIM	Çevreli Beldesi Almus Öğr. Gör. Bilge SEKİZSU J.Asb.Kd.Çvş. Yalçın TEKİN	Kunduz-Kunduzagılı Artova Öğr. Gör. Aslı ÖZTÜRK TERZİ J.Asb.Çvş Halil İbrahim DEMİREL
Sarıağıl Köyü Başçıftlık Dr. Öğr. Üyesi Reşid ÇİĞDEM J.Asb.Kd.Çvş. Samet ÇİTAK	Gököl Beldesi Erbaa Doç. Dr. Ergin TEMEL J.Asb.Kd.Çvş. Ömer GÖKMEN	Gökçeli Beldesi Niksar Dr. Öğr. Üyesi İbrahim ÇİDEM J.Asb.Kd.Çvş Özkan ARSLAN
Bağlarbaşı Köyü Pazar Öğr. Gör. M. Melih SAĞIROĞLU J.Asb.Kd.Çvş Abdullah KAYIN	Bereketli Beldesi Reşadiye Doç. Dr. Selim GÜNGÖR J.Asb.Üçvş. Ferdi ERDOĞAN	Alanyurt Sulusaray Öğr. Gör. Dr. Şehnaz BODUR J.Asb.Üçvş. Cemil BAYER
Çaylı Turhal Dr. Öğr. Üyesi Ali USLU J.Asb.Çvş. Selami ARSLAN	Ekinli Yeşilyurt Öğr. Gör. Dr. Hüseyin AKKAYA J.Asb.Üçvş. Ömer GÖKMEN	Evrenköy Zile Doç. Dr. M. Salt İŞİLDAK J.Asb.Üçvş. Rıza ALAGÖZ

Meetings of the project about Enhancing Digital Financial Literacy Skills of Locals



Regional Agricultural Sustainability and Farmer Empowerment

Demonstrating its commitment to regional development and environmental sustainability, Tokat Gaziosmanpaşa University hosted an institutional distribution ceremony at the Agricultural Application and Research Center, delivering containerized grapevine seedlings directly to local producers. Under the vision of "Quality Production, a Strong Future," Rector Prof. Dr. Fatih Yılmaz emphasized the university's profound contributions to Tokat and regional agriculture, highlighting ongoing initiatives such as the breeding of Karayaka sheep, the solar drying facility project, regional seedling distribution, local beekeeping frameworks, and specialized farmer training programs. Notably, the university recently distributed 1 million seedlings to local farmers to accelerate sustainable agricultural production. Backed by the technical expertise of the Faculty of Agriculture and the Agricultural Application and Research Center, our institution continues to disseminate modern, climate-resilient farming techniques, working collaboratively with local stakeholders to steer the region toward an economically and ecologically secure future.



Images from the grapevine seedling distribution event

Children's University

Our university's Child Education Practice and Research Center organizes special summer and winter camps for children. During these camps, children participate in various activities and educational programs. At the end of a successful camp, a symbolic graduation ceremony is held for the students. Source: <https://cocuk.gop.edu.tr/Default.aspx?d=tr-TR>



Children's University events – Graduation Ceremony



Rejuvenation University

Within the scope of the protocol signed between our university and the Republic of Türkiye Ministry of Family and Social Services, the “Rejuvenation University” (Tazelenme Üniversitesi) project was launched. Through Rejuvenation University, lifelong learning was promoted with theoretical courses on subjects such as history, art, sports, spiritual development, health, nutrition, and physical therapy. At the same time, practical courses such as cooking, ceramics, wood painting, and gardening provided students with opportunities to discover and develop their talents. In addition to theoretical and practical courses, group activities, excursions, communal meals, nature walks, and various artistic events were organized to help students aged 60 and over lead a more active, engaged, happy, and healthy aging process.

https://kurumsaliletisim.gop.edu.tr/duyuruDetay.aspx?d=tr-TR&m=duyuru_detay&mk=36044&id=24783



Rejuvenation University – Lifelong Learning events

TOGUSEM - Lifelong Learning Projects and Courses

Within the scope of our university’s Continuous Education, Research, and Practice Center (TOGUSEM), the university organizes short- and long-term educational programs, such as certificate programs, courses, or seminars, utilizing the expertise of its various academic units. These programs aim to continuously update the community’s knowledge in line with contemporary requirements and to meet educational needs. They are designed to be of high quality and standards, offered repeatedly according to demand. These courses are also open to individuals outside the university and are fee-based.

<https://togusem.gop.edu.tr/>



SUSTAINABILITY-RELATED STARTUPS

TOGU highly values sustainable approaches to innovation. The table below lists the startups within our university's Technopark that are conducting sustainability-related activities in 2025.

No	Company Name	Project Name
1	ZEN AR-GE YAZILIM SAN. VE TİC. LTD. ŞTİ.	Cloud-based and machine learning-based milking claw and decision support system
2	AHY TEKNOLOJİ AR-GE TASARIM GIDA SAN. VE TİC. LTD. ŞTİ.	Floating and cooled photovoltaic panels
3	VERİSKOP BİLİŞİM VE DAN. HİZMETLERİ A.Ş.	DynaMx
4	HAKAN OK - DAGS	CEPSITE
5	FOURBONES TEK. DAN. A.Ş.	Precise distance detection using monocular images
6	INNTECHHEALTH SAĞLIK İNOV. VE TİC. A.Ş.	Innovative products for managing various symptoms: CRYO-GLOVSOCK and MYG-BORK
7	PC ERMA BİLG. HİZM. TURZ. NAK. TAAH. SAN. TİC. LTD. ŞTİ.	Point cloud and panoramic image-based matching and measurement system
8	SİNİRA SAĞLIK BİLİŞİM TEKN. SAN. VE TİC. LTD. ŞTİ.	Combination of dexpantenol and 5-alpha reductase inhibitor-containing supplements for androgenetic alopecia treatment
9	BEEROBOT TEK. SANAYİ LTD. ŞTİ.	23-axis robotic welding line software
10	BKC MAKİNA SAN. VE TİC. A.Ş.	Biochar production facility (from biomass and municipal wastewater sludge)
11	AC KARBON SAN. VE TİC. A.Ş.	Biochar production facility management software
12	UĞUR ÖZTÜRK	Physical therapy rehabilitation robot / walker
13	HİDROGEN BİYOTEK. AR-GE MEDİKAL SAĞLIK KİMYA LTD. ŞTİ.	Recombinant production, purification and characterization of HMG-CoA lyase enzyme for diagnosis and treatment of related diseases
14	TURGUT ÖZSEVEN SET TEKNOLOJİ	Web-based decision support system for diagnosis and severity assessment of anxiety
15	ROOTCODES YAZILIM TEKN. LTD. ŞTİ.	AI-assisted device for diabetic retinopathy diagnosis
16	H2O TARIMSAL AR-GE SAN. VE TİC. LTD. ŞTİ.	Development of a new aeroponic rooting system
17	DEEPHIST MÜH. ARGE YAZILIM TEKN. SAN. VE TİC. LTD. ŞTİ.	End-to-end digitization of apparel production line using deep learning-based smart software
18	SMYRNA BİYOTEK. ARGE DAN. LTD. ŞTİ.	Development of a multiplex one-step real-time PCR kit for IPNV, VHSV and IHNV fish viruses
19	INFORMATECH HAYAT BİLİMLERİ TİC. LTD. ŞTİ.	Development of RT-PCR kits for detecting pathways involved in cancer development
20	EDM ARGE VE DAN. SAN. TİC. A.Ş.	Production of boric acid formaldehyde microcapsules containing phase change materials for thermal energy storage applications
21	SİNİRA SAĞLIK BİLİŞİM TEKN. SAN. VE TİC. LTD. ŞTİ.	Machine learning-based estimation of melanoma risk in dermoscopic melanocytic lesions
22	BASS ÖLÇME ENSTR. A.Ş.	Development of a liquid analysis sensor and sensor control device
23	EDM ARGE VE DAN. SAN. TİC. A.Ş.	Production of organic phase change materials for thermal energy storage applications using industrial catalysts
24	EDM ARGE VE DAN. SAN. TİC. A.Ş.	Detection, supply and application project of phase change materials for cooling purposes
25	DEFMERA DAN. ARGE TEK. YAZILIM SAN. VE TİC. LTD. ŞTİ.	Economy-based disaster risk reduction project
26	HİKMET ATMACA - ATMACA TEKSTİL & TASARIM	Smart hybrid textile printing system (AI-supported hybrid printing technology for sustainable and personalized production)
27	BEEROBOT TEK. SANAYİ LTD. ŞTİ.	Development of an adaptive smart welding robot using image processing and regression analysis
28	SİNİRA SAĞLIK BİLİŞİM TEKN. SAN. VE TİC. LTD. ŞTİ.	Innovative lotion and shampoo formulations against hair loss using dexpantenol, 5-alpha reductase inhibition and plant extracts
29	BHC BİYOTEK. MEDİKAL AR-GE DAN. SAN. VE TİC. LTD. ŞTİ.	Production of probiotics and postbiotics
30	CHARISMA DIŞ TİCARET SAN. VE LTD. ŞTİ.	Development of a functional eyeglass cleaning solution project



AGRICULTURAL RESEARCH PRACTICES AND APPLICATIONS

Conservation of flora, fauna, wildlife, and genetic resources

The Agricultural Application and Research Center actively hosts targeted initiatives focused on the conservation of flora, fauna, wildlife, and genetic resources. Within this ecological framework, the center's advanced greenhouse infrastructure serves a dual purpose: conducting cutting-edge experimental studies and implementing rigorous preservation protocols for diverse plant species and local genetic resources. By prioritizing the safeguarding of regional agricultural heritage and biodiversity, these dedicated facilities reinforce the university's core mission to drive sustainable ecological stewardship and secure vital genetic frameworks for future generations.

The following visual materials provide explicit examples of the diverse experimental research, field applications, and ecological preservation initiatives actively conducted within our Agricultural Application and Research Center:



Conventional potato mini-tuber growing greenhouse



Potato mini-tuber growing aeroponic system greenhouse



Examples of varieties and genetic conservation practices



Preservation and Ex-Situ Conservation of Genetic Resources of *Sorbus domestica* L.

In addition to the 10 candidate genotypes, 2 genotypes (60NGB04 and 60AK01 genotypes) with high self-fertility and 1 genotype (60PÇ01) with different crown structure were recorded (on 20.08.2010) in Tokat Faculty of Agriculture, Department of Horticulture, Application and Research Area, by making a still eye vaccination on rootstocks on which rowan rootstocks were previously grown.



The plants obtained from the cuttings of some Currant Varieties and Viking and Nero Aronia varieties are also protected in the same work area.





Examples of varieties preserved at Agricultural Application and Research Center

	
Yabin spindle planting year	Appearance of the wild spindle after 4 years
	
Habego variety	Polmix (male) variety
	
Leikora variety	Siberian Pearl variety
	
Niksar-1 Walnut variety	Maple Walnut variety



Empowering the Green Workforce: Graduate Tracking and Green Jobs

In alignment with global ecological shifts, Tokat Gaziosmanpaşa University systematically monitors its graduate data to evaluate the institution's direct contribution to sustainable workforce development. As documented in tables below, the university analyzes its total graduate output over the last three academic years to measure the strategic integration of its alumni into "green jobs"—professional roles specifically oriented toward environmental preservation, climate resilience, and resource efficiency.

Total number of graduates (for the last 3 years)

Academic Year	Total Graduates
2022/2023	5153
2023/2024	5645
2024/2025	5368
TOTAL	16166

The tables below illustrate the total number of associate and undergraduate students who graduated from programs aligned with green employment sectors during the past three academic years.

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

Number of Graduates (Associate degree)				
Program	2023	2024	2025	Total
Electrical Energy Production	—	—	-	
Hybrid and Electric Vehicle Technology	30	29	26	85
Forestry and Forest Products	60	73	81	214
Renewable Energy Technology	—	—	-	
Total				219
Number of Graduates (Undergraduate Degree)				
Program	2023	2024	2025	Total
Emergency Aid and Disaster Management	32	44	29	105
Horticulture, Plant Protection	48	47	62	157
Biosystems Engineering	14	18	6	38
Biology	11	21	3	34
Geography	31	54	50	155
Electrical and Electronics Engineering	36	17	26	79
Recreation Management	—	—	-	-
Agricultural Economics	21	33	43	97
Field Crops	3	9	8	20
Soil Science and Plant Nutrition	2	9	6	17
Zootechnics	—	8	24	32
Total				734

Graduates from green job sectors account for 6.39% of all graduates over the past three years. To elevate this proportion in future periods, our institution is committed to increasing the number of departments and courses dedicated to green employment.

GOVERNANCE and DIGITALIZATION





In line with our institutional motto, '**A transparent, participatory, entrepreneurial university that generates knowledge and technology,**' Tokat Gaziosmanpaşa University integrates institutional governance with modern digital infrastructures to ensure systemic accountability and resource optimization across all administrative processes. In alignment with the Council of Higher Education (YÖK) 2030 Vision, this section evaluates our strategic digitalization efforts and the widespread implementation of advanced management systems that drive data-driven decision-making. By transitioning to digitized and transparent governance frameworks, the university minimizes physical resource consumption, streamlines organizational workflows, and establishes a highly responsive, digitally resilient academic ecosystem. The information in this section was obtained from the General Secretariat and the Personnel Department.

SUSTAINABILITY ANNUAL REPORT AND OFFICAL WEB SITE

The Campus Sustainability Coordination Office maintains an official website accessible at <https://surdurulebilirlik.gop.edu.tr/> to share institutional sustainability updates and data with the public. This digital platform is systematically updated to provide Tokat Gaziosmanpaşa University's environmental policy documents, sustainability declarations, and green protocols. Additionally, the web site serves as an information channel where upcoming and completed sustainability events, workshops, and awareness activities organized by university are announced. It also highlights the institution's official scores, ranks, and performance metrics achieved in international university ranking frameworks such as THE Impact Rankings and UI GreenMetric, ensuring that the university's sustainability milestones are accessible to all stakeholders. Tokat Gaziosmanpaşa University's annual sustainability report is prepared each year by the Campus Sustainability Coordination Office and published on the office's website, under the reports and documents section.



Campus Sustainability Coordination Office website (surdurulebilirlik.gop.edu.tr)



INSTITUTIONAL ACCOUNTABILITY AND FINANCIAL TRANSPARENCY

Our **Annual Administration Activity Report 2025** is meticulously prepared by the Department of Strategy Development in accordance with Article 41 of the Public Financial Management and Control Law No. 5018, and the Regulation on the Procedures and Principles Regarding Strategic Plans, Performance Programs, and Activity Reports to be Prepared by Public Administrations. Encompassing all annual operations of our institution, the compilation and interpretation of the data within this report are strictly based on the core principles of accuracy, impartiality, transparency, clarity, consistency, and institutional responsibility. Within this framework, financial matters are addressed in a highly transparent, detailed, and accountable manner. The report features comprehensive financial data regarding the utilization of institutional resources, budgetary targets, actual realizations, and the underlying reasons for any deviations, while also detailing the university's assets, liabilities, strategic plan evaluations, and performance outcomes. Detailed insights concerning these budgetary practices, expenditures, revenues, and institutional resource allocations are provided particularly on pages 59–110. In addition, the documentation presented below serves as supporting evidence that further demonstrates our unyielding commitment to financial transparency and accountability.



Annual Administration Activity Report



UNITS AND OFFICES THAT COORDINATE SUSTAINABILITY AT TOGU

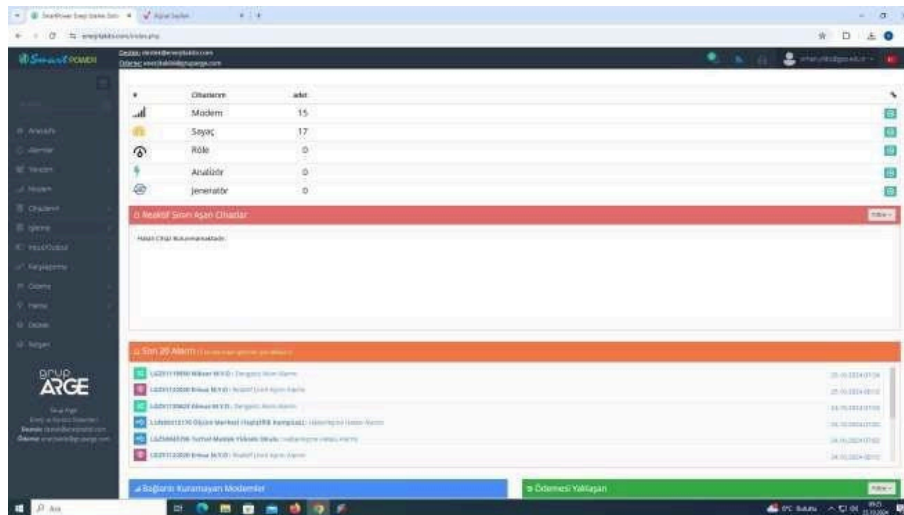
Tokat Gaziosmanpaşa University manages its campus sustainability goals through a diverse network of dedicated, independent institutional units and offices. Operating with distinct mandates, these specialized administrative units work in systematic cooperation to address the environmental, technical, social, and economic pillars of sustainability across our campuses. These units jointly guarantee that sustainability principles are structurally embedded within the university's daily governance, infrastructure management, and community engagement.

Campus Sustainability Coordination Office: Facilitates the strategic planning, reporting, and tracking of overall sustainability actions, environmental awareness activities, and strategic institutional partnerships across the university. https://surdurulebilirlik.gop.edu.tr/Default.aspx?d=tr-TR	
Zero Waste Coordination Office: Manages the systemic implementation of circular economy principles, modern recycling protocols, and waste reduction strategies across all academic and administrative facilities. https://sifiratik.gop.edu.tr/Default.aspx?d=tr-TR	
Barrier- Free Coordination Office Focuses on social sustainability and inclusivity by eliminating physical and digital barriers, ensuring equal access to education and campus life for all individuals https://engelsiz.gop.edu.tr/Default.aspx?d=tr-TR	
Social Contribution and Innovation Coordination Office: Coordinates regional development initiatives, public awareness campaigns, and stakeholder engagement projects to translate academic knowledge into societal welfare https://toplumsalkatki.gop.edu.tr/Default.aspx?d=tr-TR	
Energy Storage Research Coordination Office: Conducts cutting-edge scientific research and coordinates technical infrastructure projects related to clean energy, battery technologies, and sustainable energy storage systems. https://enerjidepolama.gop.edu.tr/Default.aspx?d=en-US	

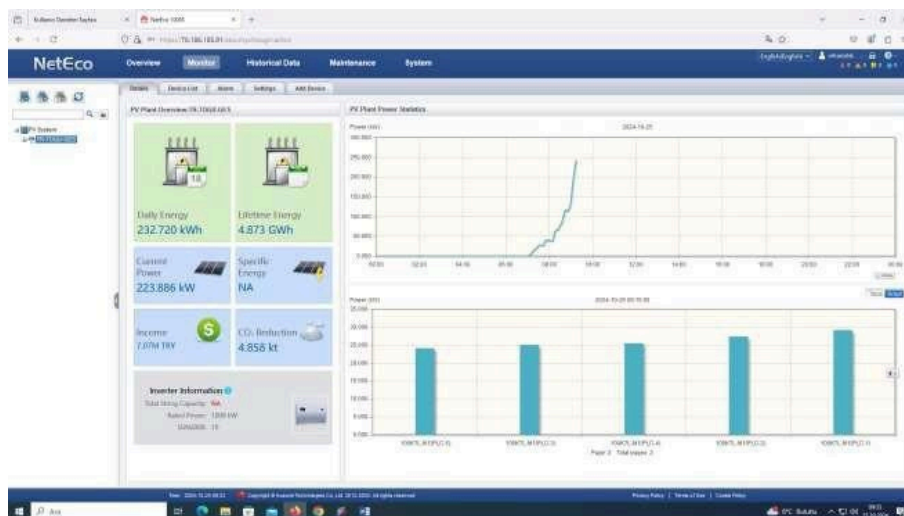


Real-Time Energy Consumption and Solar Production Monitoring

To optimize energy consumption and systematically track power dynamics, Tokat Gaziosmanpaşa University utilizes the **SmartPower** centralized energy management system as shown in example pictures below. This digital monitoring infrastructure enables the university to track 17 active smart meters and 15 modems in real time across various academic and administrative facilities. In addition to consumption tracking, the university actively monitors its renewable energy generation through campus-wide solar panel installations integrated into this centralized network by using **NetEco** Systems. The cloud-based software automatically logs total power consumption, real-time solar energy production, reactive energy limits, and system alarms to prevent energy losses. By deploying this responsive, data-driven smart monitoring network, our institution guarantees the precise verification of its energy footprints, maximizes the efficiency of its renewable energy investments, and establishes transparent performance baselines to achieve its long-term carbon reduction targets.



Monitoring the consumed electrical energy



Electricity generation plant daily production tracking



INTEGRATED DIGITAL SYSTEMS AND OPERATIONAL INFRASTRUCTURE

In alignment with its digital transformation targets, Tokat Gaziosmanpaşa University deploys a comprehensive network of secure, integrated, and user-centric digital platforms to manage all academic and administrative operations. These primary digital systems are optimized to ensure resource efficiency, paperless workflows, and continuous access for both personnel and students:

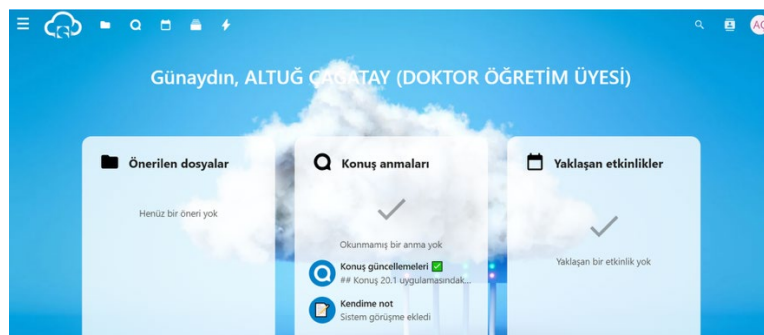
Centralized Authentication Portal (giris.gop.edu.tr): Operates as a secure Single Sign-On (SSO) gateway that unifies the university's digital ecosystem. Through this single portal, both personnel and students gain instant, authorized access to institutional email services, corporate cloud storage systems, online library and the overarching University Information System (UIS). This centralized infrastructure enhances cyber security, simplifies digital access management, and provides a seamless user experience.

Electronic Document Management System (EBYS): Functions as the primary administrative infrastructure for the creation, legal signing, routing, and archiving of all institutional correspondence. By digitizing official communication, the system eliminates physical paper waste, ensures total administrative transparency, and drastically accelerates internal processing speeds.

Student Information System (OBS): Serves as a dynamic digital portal dedicated to our students and academic staff. This system systematically manages all student-related operations, including course registrations, academic transcripts, grading grids, curriculum tracking, and graduation protocols.



Electronic document management system (EBYS)



Cloud system for file sharing and document circulation



COMPLIANCE WITH THE GENERAL DATA PROTECTION REGULATION (GDPR) OR EQUIVALENT NATIONAL DATA PROTECTION REGULATIONS

Tokat Gaziosmanpaşa University demonstrates an institution-wide, continuously monitored commitment to compliance with the Turkish Personal Data Protection Law No. 6698 (KVKK), which serves as the national equivalent of the General Data Protection Regulation (GDPR). In accordance with national legislation and institutional governance principles, the university securely manages all processes related to the collection, processing, storage, transfer, and destruction of personal data across all administrative and academic units.

To ensure effective data governance, the university operates under its formal **"Personal Data Protection and Processing Policy,"** which encompasses all students, personnel, and external stakeholders. Institutional oversight is managed by the dedicated **Personal Data Protection Commission (KVK Commission),** which is responsible for monitoring compliance, conducting internal audits, and executing staff trainings. Furthermore, the university enforces strict technical safeguards through its **"Data Retention and Destruction Policy,"** regulating the lawful retention, deletion, and anonymization of personal data within secure digital infrastructures. In alignment with Article 11 of the KVKK, data subjects are provided with transparent communication and formal application mechanisms for data access, corrections, and erasure requests. Published openly on official platforms, these integrated practices ensure that data protection at Tokat Gaziosmanpaşa University is fully operationalized, regularly audited, and aligned with international standards.

GENDER EQUALITY IN INSTITUTIONAL LEADERSHIP

Tokat Gaziosmanpaşa University strictly promotes gender equality, equal opportunity, and diverse representation across all levels of its institutional leadership. To track and ensure inclusive governance, the ratio of female leaders and deputies to total leadership positions is systematically documented. The data is categorized into four distinct administrative levels: university management, faculties and schools, academic study programs, and university-level administrative units.

Leadership Level	Total Leaders & Deputies	Female Leaders & Deputies
University Level	8	3
Faculty / School Level	32	14
Study Program Level	48	21
University-Level Units	20	9
Total	108	47

Female leadership at TOGU

As detailed in the table, out of 108 total institutional leaders and deputies, 47 positions are held by female administrators, resulting in a commendable female leadership ratio of **43.5%**. This balanced distribution demonstrates the university's ongoing commitment to fostering a diverse, supportive, and equitable working environment that empowers female academic and administrative professionals in institutional decision-making processes.



ANTI-CORRUPTION AND INTEGRITY SYSTEM OF THE UNIVERSITY

As a state higher education institution operating under the laws of the Republic of Türkiye, Tokat Gaziosmanpaşa University enforces a strict zero-tolerance policy toward corruption, bribery, conflicts of interest, and the abuse of authority. All academic, administrative, and financial processes are executed in full compliance with national public governance legislation, ethical standards, and accountability mechanisms that apply to all public institutions.

Our institutional governance practices are legally guided by the **Civil Servants Law No. 657**. Specifically, Articles 26 through 31 of this law establish binding provisions regarding ethical conduct, the prohibition of unauthorized commercial activities, the prevention of improper personal benefit, confidentiality obligations, and the strict avoidance of conflicts of interest.

To ensure continuous compliance with this statutory framework, the university maintains robust internal control systems, academic quality assurance mechanisms, and transparent administrative oversight procedures. Any operational misconduct or violation of these ethical principles is subject to immediate disciplinary investigation and formal legal action. Through these integrated oversight frameworks, the university demonstrates an uncompromising commitment to maintaining public integrity, safeguarding institutional resources, and preventing all forms of unlawful conduct.

WHISTLEBLOWING, COMPLAINT, AND STAKEHOLDER FEEDBACK SYSTEMS

Tokat Gaziosmanpaşa University maintains multi-layered, transparent, and responsive communication infrastructures to manage institutional whistleblowing, formal complaints, and stakeholder feedback. The university operationalizes these feedback mechanisms through two primary digital systems designed for distinct administrative purposes:

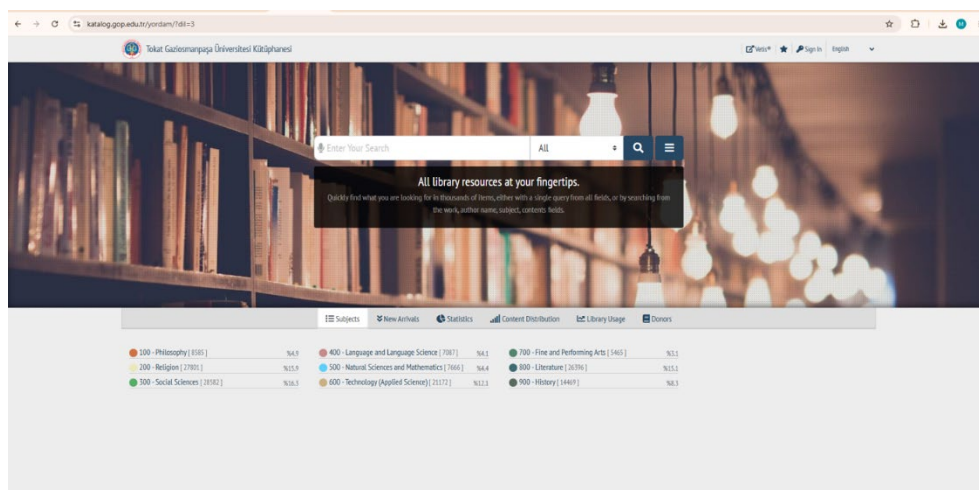
- **Information and Whistleblowing Portal:** In strict compliance with the Right to Information Law No. 4982, the university operates a dedicated legal reporting infrastructure under its official **"Information Request"** network. Accessible at https://www.gop.edu.tr/Icerik.aspx?d=tr-TR&mk=30457&m=bilgi_edinme this secure platform allows students, personnel, and external stakeholders to formally submit reporting forms, request institutional data, or voice operational concerns regarding administrative integrity. All submitted cases are systematically logged, routed directly to the relevant internal audit units, and processed under strict confidentiality to fully protect the rights of whistleblowers.
- **Centralized Institutional Communication Channel:** Complementing the formal legal portal, the university utilizes its centralized **"Contact Us"** network to lower barriers for daily stakeholder engagement. This platform serves as an open gateway for receiving general inquiries, constructive institutional suggestions, technical support requests, and routine feedback. By ensuring the prompt evaluation and automated routing of all incoming correspondence to the respective academic or administrative departments, the university fosters an inclusive, collaborative, and accountable campus environment. Source: https://www.gop.edu.tr/BizeUlasin.aspx?d=tr-TR&mk=30530&m=bize_ulasin



LMS-ENABLED DIGITAL LITERACY PROGRAM

Tokat Gaziosmanpaşa University actively promotes digital inclusion, technical competency, and advanced research skills through a structured, multi-tiered Digital Literacy Program deployed via its **Learning Management System (LMS)** and central digital networks. This institutional strategy is executed through three main core action pillars:

1. **New-Student and Baseline Training:** During the mandatory orientation week, newly enrolled students receive comprehensive baseline training on the university's digital campus ecosystem. Accessible through the secure giris.gop.edu.tr portal, this training ensures all freshmen are fully proficient in utilizing the Student Information System (OBS), the institutional LMS, corporate email networks, and essential online campus services
2. **Digital Access and Search Skills:** Managed by the **Distance Education Application and Research Center (UZEM)**, the university provides continuous online courses, webinars, and interactive digital modules for both students and staff. These programs focus on strengthening advanced digital competencies, remote collaboration techniques, cybersecurity awareness, and the effective navigation of modern digital learning technologies. [<https://ue.gop.edu.tr>]
3. **Access to Digital Libraries Around the World:** To support advanced academic literacy and lifelong learning, the university integrates global information systems into its digital infrastructure. Through the central library automation platform, students and research personnel are granted seamless, continuous remote access to subscribed international e-journals, global academic databases, digital textbooks, and open-access scientific resources worldwide [<https://katalog.gop.edu.tr/yordam/?dil=3>]



Digital library catalogue



COMPREHENSIVE INSTITUTIONAL CODE OF ETHICS

Our university has established a comprehensive institutional ethics framework supported by formally approved policies, governance mechanisms, and implementation tools that apply across the entire university community, including senior leadership, academic staff, administrative personnel, and students.

At the institutional level, the university has established an official **Ethics Committee** operating under the **TOGÜ.YÖN.074 – Tokat Gaziosmanpaşa University Ethics Committee and Ethical Conduct Principles Directive**. This directive defines the ethical values, principles of professional conduct, institutional responsibilities, and decision-making standards expected from all members of the university. It also regulates the structure, authority, responsibilities, and operational procedures of the Ethics Committee, ensuring that ethical matters are systematically monitored, evaluated, and managed throughout the institution.

In addition to this governance framework, the university also implements the **TOGÜ.FRM.230 Ethics Commitment Form**, which serves as a formal declaration of individual commitment to the university's ethical principles, integrity standards, public service values, and professional responsibilities. Through this mechanism, university personnel formally acknowledge their obligation to comply with institutional ethical standards, strengthening accountability, ethical awareness, and responsible conduct in daily academic and administrative practices.

Together, the Ethics Committee, the written Code of Ethics, and the Ethics Commitment Form create an integrated and sustainable ethics management system. This framework ensures that ethical principles are not only formally documented, but are actively embedded in leadership practices, academic activities, administrative processes, institutional governance, and student engagement. As a result, our university demonstrates a strong and continuous commitment to integrity, transparency, accountability, fairness, and the development of an ethical institutional culture.



TOKAT GAZİOSMANPAŞA ÜNİVERSİTESİ

**Kampüs Sürdürülebilirlik
Koordinatörlüğü**

**TOGU CAMPUS SUSTAINABILITY
COORDINATION OFFICE**