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ITU Sustainability Report 2025

Sustainability Office

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Publication

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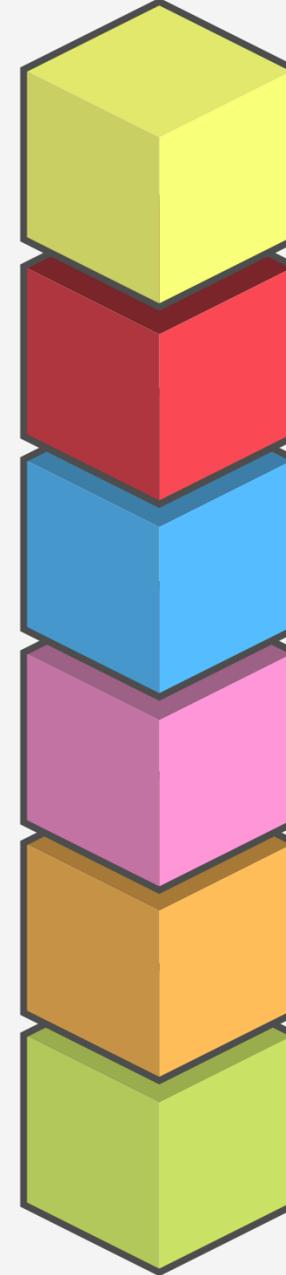
Thank you to the following individuals for insights on the policies, practices, and performance of ITU:

Lütfiye Durak Ata

february, 2026

ITU

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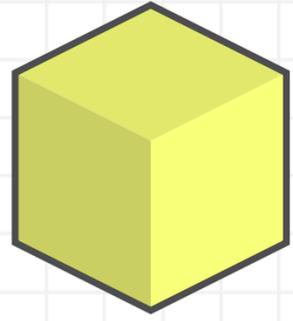
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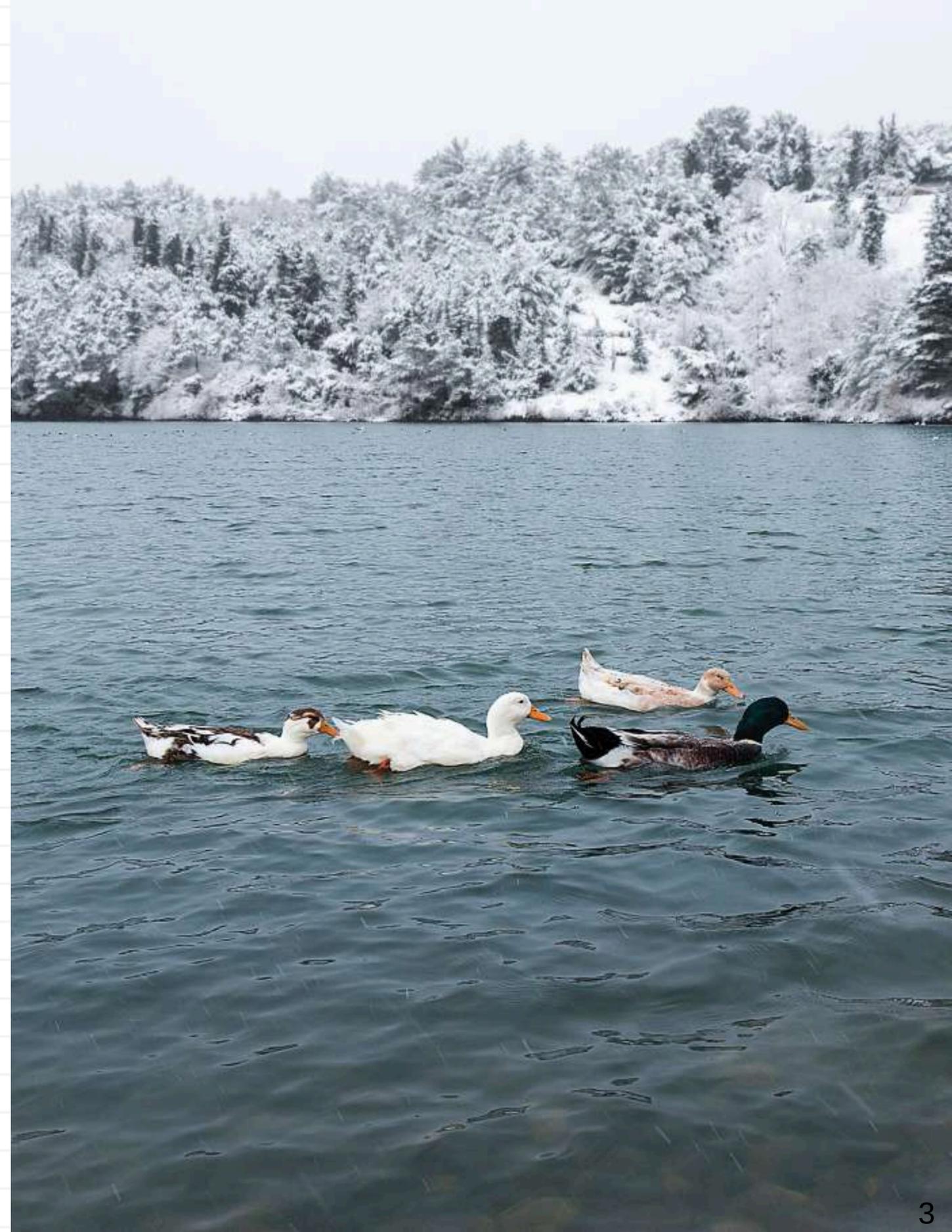
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Report Prefaces

- Points of Distinction
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Points of Distinction

2025



Zero Waste Institute

A protocol aiming for a wide-ranging cooperation between ITU and the Zero Waste Foundation has been signed, covering areas from high-quality postgraduate education and advanced research projects to social contribution and the development of international relations in the fields of sustainability and zero waste.



UI GreenMetric World 25th

ITU Ayazağa Campus became the 25th greenest and most sustainable campus in the world and the 15th in Europe in the 2025 UI GreenMetric rankings. ITU ranked first in Türkiye again and is proud to be first in Türkiye for the ninth time with this success.



Sustainability Minor Program

ITU's Innovative Minor Programs, which encourage an interdisciplinary approach, offer our students the opportunity to gain expertise beyond their own fields and develop versatile skills. ITU has launched innovative minor programs in seven different fields including Sustainability.

Institutional Characteristics

ITU is a government university under the Republic of Türkiye Higher Education Institution that has been extending its facilities since its foundation in 1773. This study includes information from five ITU campuses as listed on the left. Undergraduate programs are offered in 13 faculties, and graduate and doctoral programs are provided in 7 institutions across 5 separate campuses in the heart of Istanbul. Both Turkish and English languages are used as medium of instruction. Some departments offer 100% English education, while others provide 30% English education.

Since 2021, ITU has been an [EELISA](#) (European Engineering Learning Innovation and Science Alliance) European University that has received funding from the European Union's Erasmus+ program. Following the 2030 Agenda for Sustainable Development and all SDGs, EELISA strives to reform European higher education while improving ties between engineering and society.

HISTORY

The history of ITU dates back to the Ottoman Empire. The first institution to provide Western-style engineering education in the Ottoman Empire was established in 1773 during the reign of Sultan Mustafa III under the name Mühendishane-i Bahr-i Hümayun. Following this institution, which taught shipbuilding and cartography, the Mühendishane-i Berr-i Hümayun (Imperial Land Engineering School) was established in 1795 to train technical personnel for the land army. This school began offering education in architecture as well as engineering in 1847. The Mühendishane-i Berr-i Hümayun, which became the Hendese-i Mülkiye in 1883, was renamed the Mühendis Mekteb-i Alisi in 1909 and provided education for the training of civil architects and engineers.

With the establishment of the Republic, engineering and architecture education was reorganized. Mühendis Mekteb-i Alisi was organized as a school providing education in the fields of roads, railways, water works, and construction-architecture. Engineering and architecture education continued at the Higher Engineering School from 1928 onwards. It trained the technical personnel needed in the field of public works in Republican Türkiye. This school was transformed into ITU in 1944 and became an autonomous university in 1946, consisting of the Faculties of Civil Engineering, Architecture, Mechanical Engineering, and Electrical Engineering. Later, the faculties of Mining, Chemistry-Metallurgy, Shipbuilding and Marine Sciences, Science and Literature, Business Administration, Aviation and Space Sciences, Maritime Sciences, Textile Technologies and Design, and Computer and Information Sciences were established.

ITU trains engineers and architects who can meet Türkiye's needs in all branches of engineering and architecture, as well as those who can be competent at an international level. In the 1974–1975 academic year, ITU switched to a two-tier education system, offering four-year undergraduate programs as well as two-year graduate programs in many areas of expertise. Currently, six institutes—the Graduate School of Education, Energy, Eurasian Earth Sciences, Information Technology, Disaster Management, and Aviation—offer master's and doctoral programs to a large student body, with the aim of training the researchers and young faculty candidates that Türkiye needs through postgraduate education.

ITU is also an art-loving institution that has proven what can be achieved when talents are discovered and given opportunities. Alongside Türkiye's first Turkish Music Conservatory, the Master's and Doctorate programs in Music, which began in 1999, have nurtured important figures in Turkish music and contributed them to the art world.

ITU is a state university that defines the professions of engineering and architecture in Türkiye and keeps these definitions up to date, offering its students modern education and teaching environments while preserving its traditional structure, and training its students to compete not only within the country's borders but also in the international arena through its strong international relations. ITU's 26 engineering departments have been accredited by the Accreditation Board for Engineering and Technology (ABET), and its Architecture Department has been accredited by the National Architectural Accrediting Board (NAAB), thereby proving that it provides education of international quality. The ITU School of Foreign Languages (YDY) has been deemed eligible for accreditation by the Commission on English Language Program Accreditation (CEA). Following the determination that the criteria outlined in the International Federation of Landscape Architects (IFLA) Guidance Document for Recognition or Accreditation have been fully and adequately met, the Landscape Architecture Program has been granted full accreditation. In addition to these programs, the Faculty of Maritime Sciences programs have also been accredited.

CAMPUSES

The educational buildings of ITU are located on five campuses. The main campus, Ayazağa Campus, is located in the Maslak district, Istanbul's new financial center. The Rectorate and administrative units are located on the Ayazağa Campus, which covers an area of 1,651,000 m². The units operating at the Ayazağa Campus include the Rectorate, the Faculty of Civil Engineering, the Faculty of Electrical and Electronics Engineering, the Faculty of Science and Letters, the Faculty of Aerospace Sciences, the Faculty of Naval Architecture and Ocean Engineering, the Faculty of Chemistry and Metallurgy, the Faculty of Mining, the Faculty of Computer and Information Sciences, the Graduate School, the Energy Institute, the Eurasian Earth Sciences Institute, the Information Institute, the Disaster Management Institute, the Aviation Institute, the Physical Education Department, the Department of Atatürk Principles and Revolution History, and the Department of Turkish Language. The Central Library, computer laboratories, and 75th Year Student Social Center located on the Ayazağa Campus are bustling areas of activity. The campus offers 12 “Gölet Dormitories” and four “Vadi Dormitories,” providing our students with a quality of life that exceeds Western standards. Additionally, the campus features the “Ayazağa Girls' Dormitory” and the “Verda Üründül Girls' Dormitory,” two kindergartens and a nursery school, as well as an elementary school and a high school.

There are three residential areas in the city center: Gümüşsuyu, Taşkışla, and Maçka. The Gümüşsuyu and Taşkışla residential areas are located in the Taksim district, which was the most important commercial and cultural center in 19th-century Istanbul and continues to serve the same functions today.

The Gümüşsuyu Campus houses the Faculty of Mechanical Engineering, the Faculty of Textile Technologies and Design, and a sports hall and open sports fields serving students. In addition to the Girls' Dormitory located on this campus, the Gümüşsuyu Boys' Dormitory, which was restored by alumni in 1998, offers students a quality of life that exceeds Western standards.

The Taşkışla Campus houses the Faculty of Architecture, the Department of Fine Arts, and the Continuing Education Center. The Maçka Campus is home to the Faculty of Business Administration, the School of Foreign Languages, and the Turkish Music and State Conservatory. This campus also has a university-owned kindergarten and day care center. The Tuzla Campus, which covers an area of 16.5 hectares, is home to the Faculty of Maritime Sciences, which has a modernly equipped training pool.

ITU Ayazağa Campus,
Rectorate Building, 34469
Maslak-İSTANBUL



ITU Mechanical Engineering
Faculty, Gümüşsuyu Campus
34437, Gümüşsuyu-
İSTANBUL



ITU Maritime Faculty, Tuzla
Campus 34940, Tuzla-
İSTANBUL



ITU Taşkışla Campus, 34437,
Taksim-İSTANBUL



ITU Faculty of Business,
Maçka Campus 34357,
Maçka-İSTANBUL



Reporting Methodologies

ITU Sustainability Report 2020



SDG based report was first published in 2020.

ITU Sustainability Report 2021



THE impact and with reference to the GRI Standards was used for the report.

ITU Sustainability Report 2022



THE impact and with reference to the GRI Standards was used for the report.

ITU Sustainability Report 2023



THE impact and with reference to the GRI Standards was used for the report.

ITU Sustainability Report 2024



In the ITU Sustainability Report 2024 The Sustainability Tracking, Assessment & Rating System (STARS) by ASHEE methodology was utilised to map the relevant topics for the sustainability of our university.

ITU Sustainability Report 2025

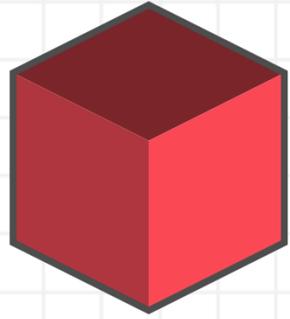


Same methodology as last year.

ITU SDG Progress Report 2025

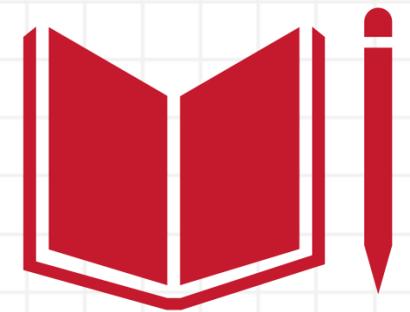


SDG progress report is published separately from the SR.



Academics

- Sustainability Course Offerings
- Undergraduate Programs
- Graduate Programs
- Applied Learning
- Sustainability Literacy Assessment
- Sustainability Research
- Center for Sustainability Research
- Responsible Research & Innovation



SDG 4: Quality
education

Academics

Sustainability Course Offerings

In one year, ITU Continuing Education Center (SEM) provided a total of 265 community educational events within 41 public programs on professional development, art and foreign language education that are open to the general public.

ITU offers a diverse range of online courses and provides free access to lectures through the ITU AKE (Open Source Education) YouTube Channel.

Undergraduate Programs

There are 100+ sustainability courses university-wide at all levels. There are both mandatory and elective sustainability courses in various departments. Most crucially, there is a SDG course which is mandatory for undergraduate students of every department.

Graduate Programs

Interdisciplinary, 100% English, Sustainability Master Program started in the Fall Semester of 2023-24.

The Artificial Intelligence Master's Program, launched in collaboration between the Turkish Metal Industry Employers' Association (MESS) and ITU, offers professionals in the private sector, primarily MESS members, the opportunity to specialize in this field.

Applied Learning

ITU as a EELISA European University partner, offers its students online courses on SDGs from other EELISA Universities. 10 EELISA partners - including joint diploma programs - to ensure that multi-layered, innovative and flexible learning opportunities are easily accessible through face-to-face, hybrid and digital mobility options.

EELISA Student Career Ambassador Program (EE-CAP) launched. Doctoral, master's, and undergraduate students from various universities in the United States conducted research at the ITU E-Mobility and Autonomous Vehicles Laboratory for two months as part of a project supported by the US National Science Foundation (NSF). This research collaboration resulted in two publications.

ITU has gained national and international recognition in the field of archaeology through its interdisciplinary approach, digitalization, and computational methods. Adopting an innovative perspective in the collection, processing, and evaluation of archaeological data, ITU provides hands-on experience to undergraduate and graduate students from various disciplines both in Türkiye and abroad through the Elmalı Field School.

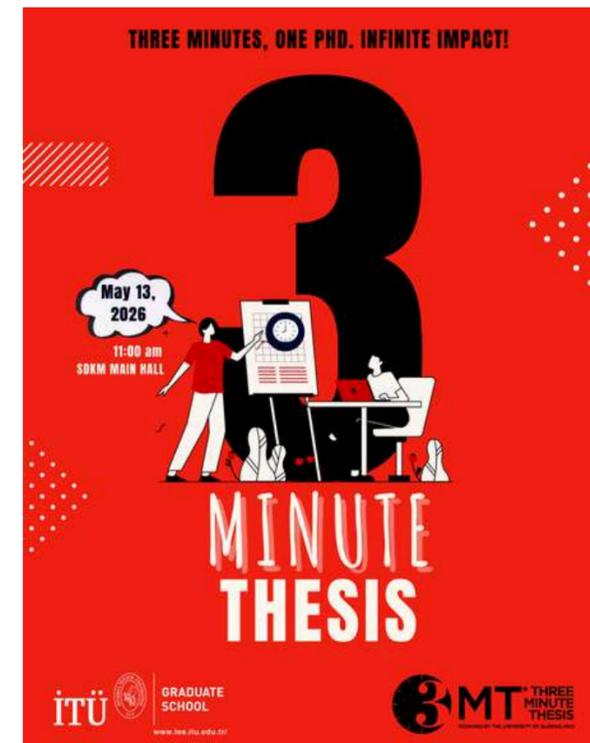
International Graduate Research Symposium: IGRS, organized by the Graduate School of ITU. As part of the International Graduate Research Symposium (IGRS), the Three Minute Thesis (3MT) competition is organized for the second time by the ITU Graduate School. Initiated by the University of Queensland, this internationally recognized competition challenges doctoral students to communicate their research clearly, concisely, and effectively to a non-specialist audience.

Sustainability Literacy Assessment

ITU regularly conducts surveys to assess the sustainability understanding of students and staff. This year zero waste has been the main topic for sustainability literacy assessment.

Sustainability Research

ITU has kept funding numerous projects based on SDGs. The researchers' contributions to UN Sustainable Development Goals are published on the ITU's page.





Center for Sustainability Research

ITU, as a research university, attaches particular importance to strengthen its technical and technological presence that will nurture this quality. ITU has a rich R&D presence with its nearly 30 education and research centers, as well as more than 400 laboratories that enable students, young researchers, and academicians to conduct scientific studies. The research centers correspond to various Sustainable Development goals.

Responsible Research & Innovation

Our master's programs in Earthquake Engineering, Coastal Sciences and Engineering, and Textile Engineering have received EUR-ACE (European Accredited Engineer) certification, following MÜDEK accreditation, making them the first of their kind in our country.

The second and third sessions of the "Science and Engineering Communications: Communicating Research Through News Stories" learning station training were held on January 27-28 at the Süleyman Demirel Cultural Center under the auspices of the ITU Center for Excellence in Education (ITU MEM).

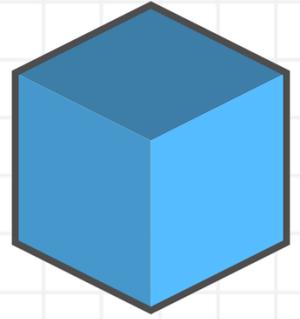
ITU Center for Excellence in Education continues to support innovative approaches in education. ITU Co-Learning Lab/ Artificial Intelligence Event took place on May 29-30, 2025.

ITU has launched innovative minor programs in seven different fields. These minor programs, which ITU has pioneered and which are designed to be certificate programs that go beyond the diploma and respond to the needs of the future, are: Sustainability, Nuclear Engineering, Defense Technologies, Oceanography, Fire Engineering, Information Technology Applications and Computational Sciences, Earth Systems, and Global Change.

"Driving Dynamics and Comfort Analysis in Electric Vehicles," "Distance Education: Theory, Research, and Practice," and "Statistical Learning and Simulation" elective courses have been opened for all graduate students at technical universities under the TU11 program.

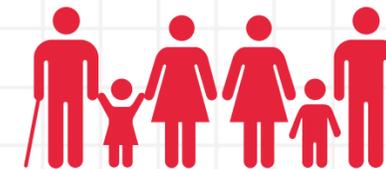
The Artificial Intelligence-Enabled Computational Materials Technologies Workshop held at our Ayazağa Campus on November 6, 2025, brought together our students, researchers, academic and administrative staff, primarily at the graduate level.



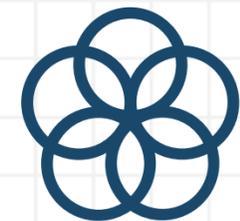


Engagement

- Outreach and Communications
- Co-Curricular Activities
- Staff Engagement and Training
- Sustainability Culture Assessment
- Civic Engagement
- Community Partnerships
- Continuing Education
- Shared Facilities
- Inter-Campus Collaboration



SDG 1: No
Poverty



SDG 17: Partnerships
for the goals

Engagement

Outreach and Communications

ITU hosted the first Defense Industry Campus Meetings organized by the Defense Industry Academy on March 19, 2025. At the end of the event, where experts discussed important topics related to the defense industry and technology ecosystem with students, participants had the opportunity to earn certificates and various gifts.

Supported by EELISA European University, of which ITU of which it is one of the founding partners, the “New Horizons in Technology Diplomacy: Challenges, Opportunities and Future Strategies Workshop” gathered leading figures in technology diplomacy from Türkiye and Europe at ITU on 13-14 January 2025.

Reports were prepared for three different countries under the Erasmus+ project TechWell, led by ITU, which focuses on combating technology addiction among young people. The reports published in France, Italy, and Türkiye on screen addiction among the most vulnerable age group (15-17 years old) revealed striking findings.

A delegation led by Malaysian Minister of Higher Education Dr. Zambray Abd Kadir visited ITU on April 9, 2025, and held discussions with ITU Rector Prof. Dr. Hasan Mandal, who chairs the Turkish Technical Universities Association, on systematic, sustainable, and multifaceted collaborations.

ITU Rector Prof. Dr. Hasan Mandal attended the CESAER Annual Meetings 2025, where the future of engineering education, innovation ecosystems, and the leading role of universities in Europe’s green and digital transitions were discussed.



Co-Curricular Activities

ITU and FEV Türkiye signed a protocol covering the provision of internship, part-time, and full-time work opportunities for ITU students, the development of new collaboration opportunities between student clubs and FEV Türkiye, and the provision of joint research opportunities for thesis work

The AWS Workshop Series, launched in collaboration with AWS Türkiye, began on Wednesday, May 28, following a signing ceremony for the cooperation protocol attended by ITU Rector Prof. Dr. Hasan Mandal and AWS Türkiye General Manager Berrin Özselçuk. The hands-on, free training sessions, delivered monthly by AWS experts using real-world scenarios, connect ITU students with future technology trends.

The PARATUS – Multi-Scenario Based Disaster Management Workshop, part of the Horizon Europe project PARATUS led by Prof. Dr. Seda Kundak, a faculty member of the Department of Urban and Regional Planning at ITU, was held on May 8, 2025, with broad participation, hosted by Küçükçekmece Municipality.

Staff Engagement and Training

The MOPAM Workshop held at our Gümüşsuyu Prof. Dr. Necmettin Erbakan Campus brought together the public sector, private sector, and academia in line with the vision of sustainability, digitalization, and national planning in mining.

The Personnel Department organized a program on the Sustainable Development Goals, and the Coordinator of the Sustainability Office, provided training during this program. The training, titled “Sustainability Initiatives and Sustainable Development Goals at ITU,” shared the university's sustainability vision and the environmental, social, and governance-based initiatives carried out across the campus with ITU staff.



Engagement

Sustainability Culture Assessment

At the 8th ITUMUN Conference held this year, delegates from ITU, other universities, and high schools gathered at our Ayazağa Campus from February 6-9 with the aim of finding solutions to the world's critical issues from their perspectives.

ITU took part in the Global Sustainable Development Congress. Organized in cooperation with the Council of Higher Education (CoHE) and Times Higher Education (THE), the event was held at the Istanbul Congress Center from June 16-19, 2025, providing a productive environment for constructive dialogue and potential collaborations.

Civic Engagement

High school teachers from across Istanbul gathered at a workshop focusing on the "5G Science" approach, one of the key components of the Türkiye Education Model. The event, which included teachers from different disciplines, including department heads, provided an opportunity to enrich the "5G Science" approach through presentations, experiments, and mutual exchange of ideas by ITU academics.

The PARATUS – Multi-Scenario Based Disaster Management Workshop, part of the Horizon Europe project PARATUS led by Prof. Dr. Seda Kundak, a faculty member of the Department of Urban and Regional Planning at ITU, was held on May 8, 2025, with broad participation, hosted by Küçükçekmece Municipality.

Community Partnerships

The ITU Süleyman Demirel Cultural Center hosted the TÜBİTAK 19th Middle School Students Research Projects Competition Istanbul European Region Exhibition and Awards Ceremony between April 7-10, 2025.



ITU shared the festive spirit of today's children, who are the scientists of tomorrow, with various activities on April 23 National Sovereignty and Children's Day.

Continuing Education

Certificate programs offered at İTÜSEM are designed to support basic education for everyone. ITU Continuing Educational Center (SEM) declares in that in all its activities, it prioritizes equity among participants. Furthermore, SEM states in its personal data policy that the personal data collected for the applications are limited to, "Name Surname, TR Identity Number, Telephone Number, Date of Birth, Address, Email Address, Occupation, Institution, Last Graduated/Will Be Graduated, Last Graduated/Will Be Graduated Department" and these data will be collected via a Registration Form, as also indicated in the ITU SEM directive as the main application method. No data on the ethnicity, gender or religion are collected from the applicants, ensuring the evaluation process of the applications are regardless of these.

Shared Facilities

ITU hosted the Istanbul leg of the DENEYAP Teams Period Final Project Exhibition organized by the Türkiye Technology Team Foundation (T3 Foundation) on May 17, 2025.

Hosted by the ITU TEKNOFEST Club at our Ayazağa Campus, the National Technology Summit offered an unforgettable experience for students and technology enthusiasts with its rich content ranging from panels and talks to interactive experience areas and land and air vehicle exhibitions.



Engagement

ITU and Nanjing University of Aeronautics and Astronautics (NUAA) have launched the “International Joint Research Laboratory” initiative under the theme of “Advanced Smart Structures and Control Systems,” introducing an innovative collaboration model.

The 1st Workshop held as part of the “Marmara Region Disaster Risk Reduction Plan (MARAP) Project,” carried out in collaboration between AFAD and ITU, featured important discussions under the theme “Science and Technology-Focused Solutions for a Disaster-Resilient Marmara.”

Inter-Campus Collaboration

The World Association of Industrial and Technological Research Organizations (WAITRO) convened participants from various parts of the world at its 96th Executive Board Meeting hosted by Prof. Dr. Hasan Mandal, Rector of ITU and President of WAITRO for the 2025–2026 term, at ITU.

The visits to the Türkiye–Azerbaijan University and Karabakh University, led by CoHE President Prof. Dr. Erol Özvar and Azerbaijan’s Minister of Science and Education Emin Amrullayev, and attended by ITU Rector Prof. Dr. Hasan Mandal, have strengthened higher education collaboration between the two brotherly countries on the basis of science and education.



ITU hosted 115 international students in March 2025 as part of the ATHENS Network, which includes 15 leading technical universities in Europe. This prestigious academic cooperation network, of which ITU is the only member from Türkiye, provides students with international academic experience as well as opportunities for cultural interaction.

The new venue for the “IAC 2026 Campus Meetings,” organized to provide strong academic contributions from Türkiye to the 77th International Astronautical Congress to be held in Antalya next year, is now ITU.

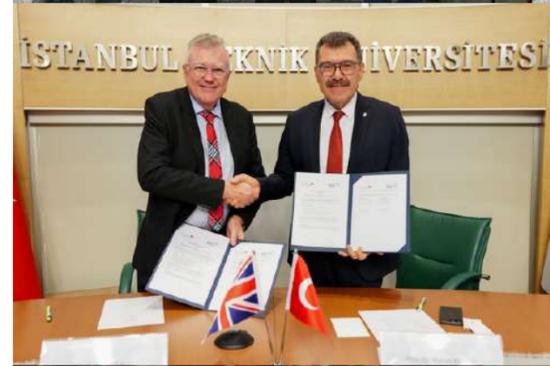
A delegation of researchers, including Prof. Bai Chunli, former President of the Chinese Academy of Sciences (CAS), met with ITU Rector Prof. Dr. Hasan Mandal and academics. The visit focused on evaluating collaborations and joint research areas between CAS and ITU.

A multifaceted collaboration has been established between ITU and Edinburgh Napier University, aiming to bring together the expertise of both institutions to jointly explore new areas of work.

EELISA European University, of which ITU is a founding partner, gathered at ITU to shape its roadmap for 2026 and beyond. ITU Rector Prof. Dr. Hasan Mandal assumed the role of Chair of the Governing Board of EELISA.

A total of eight Turkish-made satellites, including PAUSAT-1, designed and developed in collaboration between ITU and Pakistan Air University, successfully entered Earth orbit starting January 14.

The first meeting of the Technical Universities Association was held at ITU Gümüşsuyu Prof. Dr. Necmettin Erbakan Campus on February 3, 2025.



Engagement

The first event of the 2025 "Innovation Continuum" series, aimed at promoting the use of emerging and groundbreaking technologies, innovation, interoperability, and experimentation in NATO activities, SPARK was organized under the coordination of the Secretariat of Turkish Defence Industries and hosted by our Maritime Faculty from February 25-27, 2025.

The EELISA Board of Directors meeting, held in Paris on May 13-14, 2025, with the participation of ITU Rector Prof. Dr. Hasan Mandal, provided EELISA partner universities with the opportunity to jointly shape the future of higher education in Europe.

Djibouti's Minister of Higher Education and Research Dr. Nabil Mohamed Ahmed, President of the University of Djibouti Dr. Djama Mohamed Hassan, and their accompanying delegation paid a visit to our university. The meetings held were significant for advancing and strengthening the scientific and academic cooperation between ITU and Djibouti.

A delegation led by Jordan's Minister of Higher Education and Scientific Research, Prof. Dr. Azmi Mahafzah, visited ITU on July 25, 2025.

ITU Rector Prof. Dr. Hasan Mandal visited the Pakistan Institute of Engineering and Applied Sciences (PIEAS) and the Institute of Space Technology (IST). As the guest of honor at IBCAST 2025, Prof. Dr. Mandal delivered a speech and, within the scope of the conference, met with NESCOM officials and signed a protocol (MoU) between ITU and NESCOM.



The visit of ITU Rector Prof. Dr. Hasan Mandal to Tsinghua University featured comprehensive discussions aimed at transforming the collaboration between the two universities—ongoing since 2012—into impact-oriented and concrete partnerships, and advancing it further in areas of critical importance.

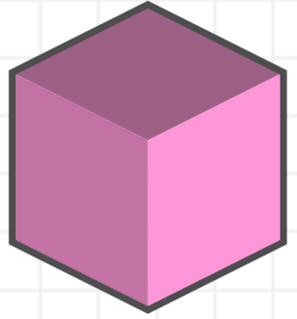
The academic collaboration initiative launched by ITU and the North China Institute of Science and Technology (NCIST) brings innovative approaches to disaster and emergency management.

ITU Rector Prof. Dr. Hasan Mandal, accompanied by a delegation led by Minister of Health Prof. Dr. Kemal Memişoğlu, examined centers, infrastructures, and facilities in China dedicated to innovative health technologies. Speaking at the opening of the 2025 International Forum on Innovative Talents and Engineering Education, Prof. Dr. Mandal met with NICE executives as part of the preparations for the 2026 WAITRO Summit, which will be hosted by ITU.

At the the First Forum of Rectors of Türkiye and Poland, where he was among the keynote speakers, ITU Rector Prof. Dr. Hasan Mandal discussed the internationalization potential of Turkish higher education and how it can be enhanced through collaborative projects in education and research between Türkiye and Poland. As part of the event, Prof. Dr. Mandal also signed memoranda of understanding between ITU and two Polish universities.

A delegation from Academia Sinica, led by Prof. Dr. James C. Liao, visited ITU and met with ITU Rector Prof. Dr. Hasan Mandal and academics. The agenda focused on steps to strengthen collaboration between ITU and Academia Sinica and transform it into a long-term partnership.





Operations

- Building Design and Construction
- Building Operations & Maintenance
- Water Use
- Ecologically Managed Grounds
- Energy Use
- Greenhouse Gas Emissions
- Dining Service Procurement
- Food Recovery
- Sustainable Procurement System
- Purchased Goods
- Materials Management
- Waste Generation & Recovery
- Vehicle Fleet
- Commute Modal Split



SDG 2 Zero hunger



SDG 6 Clean water and sanitation



SDG 7 Affordable and clean energy



SDG 9 Industry, Innovation, Technology and Infrastructure



SDG 11 Sustainable cities and communities



SDG 12 Responsible consumption and production



SDG 13 Climate action



SDG 14 Life below water



SDG 15 Life on land

Operations

Building Design and Construction

The Digital Factories and Transformation Laboratory was launched on February 26, 2025, at our Faculty of Mechanical Engineering in the Gümüşsuyu Prof. Dr. Necmettin Erbakan Campus with the support of TUSAŞ.

The protocol for establishing the “ASELSAN – ITU Underwater, Surface, and Autonomy Technologies Laboratory,” shaped within the scope of the ASELABS Program, came into effect on April 18, 2025.

The Electronic and Embedded Systems Research and Development Center (EGEM), representing a new phase in the collaboration between ITU and Makine ve Kimya Endüstrisi A.Ş., was inaugurated at a ceremony held at ITU ARI Technopark.

As part of the collaboration between ITU and Pearson, which stands out as an important step towards digital transformation in higher education in Türkiye, Pearson's innovative digital learning platform MyLab has been made available to first-year students at ITU. The application aims to transform the teaching process, particularly in basic science courses such as mathematics, physics, and chemistry.

Building Operations & Maintenance

The Procurement Department of the Directorate of Administrative and Financial Affairs, in accordance with the the relevant Regulations and Circulars, carries out the transactions and services, machinery and equipment purchases, movable property and intangible rights purchases, maintenance and repair expenses, and real estate maintenance and repair expenses.



Water Use

ITU faculty member Assoc. Prof. Dr. Kübra Altuntaş was deemed worthy of the “Science, She Says!” award for her innovative contributions and pioneering research in the field of environmental engineering and sustainable water/wastewater treatment technologies, exemplifying scientific leadership.

The project developed under the leadership of our Environmental Engineering Department faculty member was supported under the 2572 - TÜBİTAK - Jordan National Research and Development Center (NCRD) Bilateral Cooperation 2024 call. The project, titled “Use of Advanced Membrane Materials in Pull-Type Compact Filters to Improve Urban Food Security and Livelihoods in TTürkiye and Jordan (Memfood),” was one of three projects supported under the call.

The AQUAlive (Aquatic Urban Ecosystems Alive) project, led by The University of Antwerp and coordinated by a faculty member of the Architecture Department at IITU stands out as an international initiative that aims to protect biodiversity by creating a new paradigm for urban water cycles and encourages the transition to a circular model that will revitalize urban areas.

Ecologically Managed Grounds

The project, titled “Reinforcement Learning for Power Consumption Prediction: Adopting Multi-Criteria Performance Metrics,” is led by TU/BTS R&D Labs and Konkuk University. Over the next 18 months, the team will develop an intelligent framework that integrates AI, secure blockchain, and Digital Twin technologies to adaptively optimize power usage in smart building campus environments. The system will also facilitate cost-effective utilization of surplus power, supporting real-time, scalable, and sustainable energy planning.



Operations

Energy Use

A cooperation protocol has been established between ITU and EÜAŞ, aiming to create the critical technical infrastructure for Türkiye's Energy Efficiency 2030 Strategy and the 2nd National Energy Efficiency Action Plan, and to contribute to the digital transformation of the sector through R&D projects.

ITU signed a letter of intent with Kendal Elektrik to develop university-industry cooperation in line with its innovative and sustainable future goals.

Greenhouse Gas Emissions

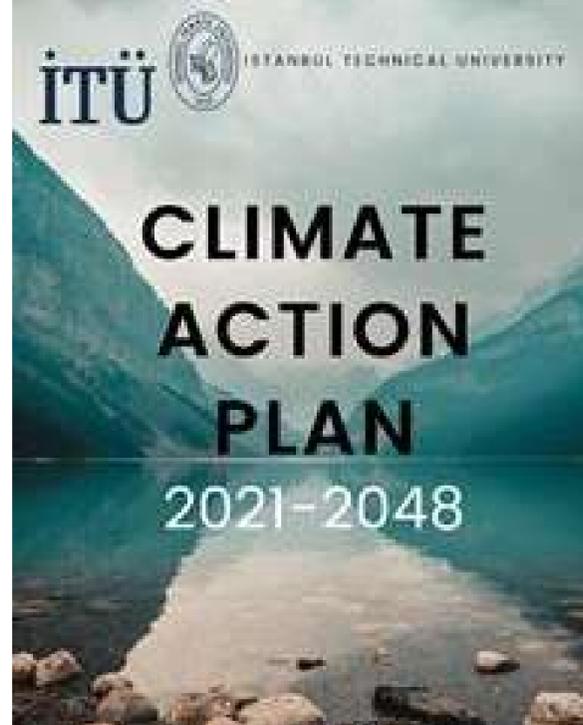
ITU Climate Action Plan and Strategic Plan cover the utility consumption of each campus unit. The plans also analyzes the transportation, energy, water, waste diversification and education situation of ITU and discusses how improvements can be made in the future. ITU has agreed to be Carbon Neutral by 2048.

Dining Service Procurement

In accordance with Article 47 of the Higher Education Law No. 2547, ITU's Directorate of Health, Culture, and Sports provides for the nutritional needs of our students. For this purpose, lunch is served in 10 of our dining halls, and dinner is served in 4 of our dining halls. The Food Service System of ITU prefers to purchase products from local, sustainable sources according to procurement policy.

Food Recovery

In line with the collaboration between ITU and Şenpiliç Gıda Sanayi A.Ş., the launch of three new sustainability-based research projects within the framework of ITU BAP Special Call for General Research Projects was announced at a meeting held at the Ayazağa Campus on August 26, 2025. The meeting, which showcased projects aimed at developing innovative solutions to problems encountered in the poultry sector and to which company officials also contributed, also evaluated new business partnership opportunities.



The 2nd Food Microbiology Congress, organized in collaboration between the Food Engineering departments of ITU and YTU, brought together representatives from academia, the public sector, and the private sector at our Ayazağa Campus between September 4-6, 2025.

Sustainable Procurement System

The Procurement Department is responsible for carrying out procurement, tendering, and accrual processes related to the necessary goods, services, and construction for the nutrition, accommodation, health, culture, sports, and other needs of the units affiliated with the Presidency. It is subject to the legislation including the Public Procurement Law No. 4734, Public Procurement Contracts Law No. 4735, Public Financial Management and Control Law No. 5018, and Higher Education Law No. 2547

Purchased Goods

The supply chain of ITU takes the local producers into account for its purchases. The aim of this practice is to reduce environmental, social and economic impacts through sustainable purchasing. This policy is adopted to strengthen the SDGs within ITU and ensure local development.

Materials Management

ITU Environmental cleaning personnel received training on all types of waste and waste materials in Hazardous and Very Hazardous Work. The number of recycling containers needed in the units was determined as part of the zero waste project, and efforts to meet the needs continued.



Waste Generation & Recovery

ITU has complied with the following criteria to obtain the Basic Level Zero Waste Certificate of Ministry of Environment, Urbanisation and Climate Change:

- At least binary collection of recyclable paper, glass, metal, plastic wastes separately from other wastes,
- Placement of storage equipment for glasses, textile/clothing wastes separately in easily accessible places for separate collection of wastes,
- Establishment and start-up of Waste Collection Centers and collection points,
- Informing the public by determining the waste collection program, collecting the wastes within the framework of the program, Planning, informing and guiding different wastes such as batteries, vegetable waste oil, electrical and electronic equipment waste, medicine waste, and bulky wastes to be brought to the Waste Collection Center or collected from their place,
- Carrying out the necessary studies for the recovery of biodegradable wastes by collecting them separately (compost, biomethanization),
- Making awareness raising studies for the implementation of the system by recording the data of the zero waste management system,
- Compliance with the provincial Zero Waste Management System Plan.



REPUBLIC OF TURKEY
GOVERNERSHIP OF ISTANBUL
Provincial Directorate of Environment and
Urbanization



Document Number: TS/34/B2/6/203

**ZERO WASTE CERTIFICATE
(Basic Level)**

Date: 25/05/2021

Name : Istanbul Technical University Ayazaga Campus
Address : Istanbul, Resitpasa Neighborhood, Katar Street, Number: 2-, Sariyer, Turkey
Tax Number : 4830263147

It has been awarded the Zero Waste Certificate by establishing the Zero Waste Management System according to the Zero Waste Regulation published in the Official Gazette dated 12/07/2019 and numbered 30829.

Document Expiry Date: 25/05/2026

e-imzalıdır
Haçcı Mehmet GÜNER
Provincial Director of
Environment and
Urbanization

This document is signed with a secure electronic signature.

Vehicle Fleet

A signing ceremony was held for the delivery of the Sermet Research Vessel, donated to MATAM through the contributions of Chairman of the Board of Dearsan Shipyard Aziz Yıldırım and the Yaltırak Family. The event was hosted by Istanbul Harbour Master Mustafa Kıran, with the participation of ITU Rector Prof. Dr. Hasan Mandal and MATAM Director Prof. Dr. Cenk Yaltırak.

The ITU Electric Vehicle Team (ITUEV) held a Vehicle Presentation Event at the Süleyman Demirel Cultural Center on April 25, 2025, to mark the 10th anniversary of its founding. The presentation of three different vehicles developed by ITUEV at the same event was a first in ITU history.

Commute Modal Split

Drivers of shuttle vehicles providing transportation for students or staff to the university will register their license plates with the Electronic Card Processing Center using a Request Form, and entry and exit will be handled by an automatic license plate recognition system.

A license plate recognition system is in place at the university entrance gates for visitors to university staff. Visitors must register their vehicles for entry.

A Signing Ceremony Was Held for the Sermet Research Vessel, Set to Boost MATAM's Research Capabilities

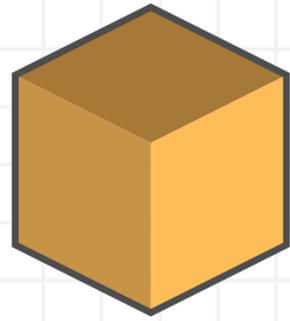


İSTANBUL TEKNİK ÜNİVERSİTESİ
KORUMA VE GÜVENLİK MÜDÜRLÜĞÜ

**TRAFİK BİLGİ
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ITU TRAFİK: 0212 285 77 77



Planning & Administration

- Sustainability Coordination
- Commitments and Planning
- Institutional Governance
- Sustainable Investment Program
- Investment Holdings
- Institutional Climate
- Racial and Ethnic Representation
- Gender Parity
- Affordability and Access
- Student Success
- Health, Safety and Wellbeing
- Employee Rights
- Pay Equity and Living Wage



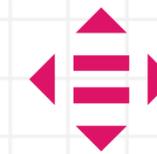
SDG 3 Good health and well-being



SDG 5 Gender equality



SDG 8 Decent work and economic growth



SDG 10 Reduced inequality



SDG 16 Peace, justice and strong institutions

Planning & Administration

Sustainability Coordination

ITU Sustainability Office coordinates to integrate sustainability as a core principle throughout education, research, and management at ITU. Its vision is to create a culture of responsibility by integrating the values of sustainability in all units of ITU to serve as a local and global model.

Commitments and Planning

ITU's "Responsibility and Impact-Focused Research University: Developing Our Future Together Meeting", where the university's strategic approach for 2025 and beyond and its future goals and plans were shared, was held at the Süleyman Demirel Cultural Center on December 27 with the participation of our academics, administrative staff, technology team captains, student club presidents, and stakeholders.

Institutional Governance

ITU Rector Prof. Dr. Hasan Mandal emphasized the vision of our university in "Developing Our Future Together Meeting". He explained ITU has played a pioneering role in the construction and development of our country with its 251-year-old history, as a "Responsibility and Impact-Oriented Research University."

Sustainable Investment Program

Presidency of Strategy and Budget Assessment and 2025 Supports The Presidency of Strategy and Budget of the Republic of Türkiye has successfully assessed the Synthetic Fuels and Chemicals Technology Center and has allocated an additional budget of 6,500,000 TL for 2025 and decided to extend the project for one year. This decision is included in the 2025 Investment Program published in the Official Gazette dated January 15, 2025.

Upon completion of these works, the center will achieve the status of a national technology center conducting applied R&D studies on sustainable and carbon-free synthesis gas and green hydrogen production technologies.



Investment Holdings

The 2024 ITU Investment Program Monitoring and Evaluation Report has been prepared and submitted to the Court of Accounts, the Ministry of Treasury and Finance, the Presidency of Strategy and Budget, and made available to the public.

Institutional Climate

The 10th issue of MIMOZA magazine, prepared by the ITU Center for Women's Research and Application in Science, Engineering, and Technology and published by ITU Press, has been released.

ITU Faculty of Mining Engineering organized an event titled "March 8 International Women's Day: The Power of Women in Earth Sciences," focusing on women's employment in the mining sector.

ITU organized a special event titled "Girls Shaping the Future" on October 11, World Day of the Girl Child, to raise social awareness and strengthen the position of girls in science, technology, and engineering.

Racial and Ethnic Representation

The International Faculty and Researcher Orientation Office, operating under the Office of International Relations, is a unit established to provide support to international academics, researchers, and administrative staff working at ITU in the administrative and bureaucratic processes they must follow at ITU and in Türkiye, and to carry out activities that will facilitate the adaptation of relevant personnel to ITU and Türkiye.

The International Faculty and Researcher Orientation Office also serves as a walk-in consultation point for all international members of ITU to seek advice on any matter.



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Health, Safety and Wellbeing

Reports have been prepared for three different countries within the scope of the TechWell Erasmus+ project, led by ITU, which focuses on combating technology addiction among young people. These reports, published for the most vulnerable age group (15-17 years) regarding screen addiction in France, Italy, and Türkiye, have revealed striking findings.

The “Battery Fire Safety Workshop” brought together academics, industry representatives, and emergency response teams at ITU. The event featured comprehensive discussions on battery fire risks, detection and extinguishing equipment, emergency response efforts, and safety strategies.

Employee Rights

ITU is characterized by the decent works that it offers its employees to develop in their working hours, the university recognizes each member of its staff and the union created to protect the rights of other employees, additionally the university has different policies that guarantees each employee their rights. ITU has a salary scale in which each worker takes the payment they deserves. Payment scale does not depend on conditions such as gender, race, ethnicity or disability.

Pay Equity and Living Wage

ITU Personnel Department measures and tracks pay scales. The academic staff of ITU consists of 45.67% female and 54.33% male academicians. ITU pays female and male staff the same wages for the same pay grades.



Gender Parity

ITU Gender Equality Plan (GEP) is a strategic framework developed by organizations, particularly in academia, research, and private sectors, to promote gender equality within their operations. GEPs define specific goals, actions, and measures to address gender disparities and foster an inclusive, equitable environment. They typically involve collecting and analyzing data on gender distribution in various roles and pay levels, implementing training on gender sensitivity, and supporting career advancement for underrepresented genders.

Additionally, GEPs emphasize work-life balance policies—such as flexible hours and parental leave—while actively working to reduce gender biases and prevent discrimination. Monitoring progress and establishing accountability are also key to refining these plans and ensuring sustainable impact.

Affordability and Access

ITU has launched a special admission process for Harvard students whose study plans have been disrupted due to U.S. visa restrictions on foreign students.



GENDER EQUALITY
PLAN / 2021-2026

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Student Success

ITU students' Project Team Achievements are listed in the activities report. Some of these awards are shown here:



Sports awards by students are listed in the table.

1	Snowboard Team	1 silver, 2 bronze medals
2	Athletics Team Indoor Athletics Championship	1 silver, 2 bronze medals
3	Protected Football Team	1 silver medal
4	Squash Team	1 silver medal
5	Tennis Team	1 silver medal
6	Fencing Team	1 bronze medal
7	Swimming Team	1 bronze medal
8	Kickboxing Team	3 bronze medals
9	Women's Volleyball Team	1 silver medal
10	Taekwondo Team	2 silver medals
11	Men's Volleyball Team	1 bronze medal
12	Handball Team	gold medal as Istanbul 1st League Champion
13	Soccer Team	1 silver medal
14	Archery Team	2 bronze medals at the Indoor Archery
15	Frisbee Team	1 bronze medal



SUSTAINABILITY REPORT 2025

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Published by the Sustainability Office



Sustainability Office ITU

For comments or suggestions: sustainability@itu.edu.tr