

2 ZERO HUNGER



NUMBER OF
PUBLICATIONS & THESES

4



NUMBER OF
PROJECTS

0



NUMBER OF
EVENTS

5



NUMBER OF
COURSES OFFERED

2



NUMBER OF
COLLABORATIONS

0



NUMBER OF
AWARDS

0

SDG 2 ZERO HUNGER

End hunger, achieve food security and improved nutrition and promote sustainable agriculture

Targets and Indicators

2.1 By 2030, end hunger and ensure access by all people, in particular the poor and people in vulnerable situations, including infants, to safe, nutritious and sufficient food all year round.

2.2 By 2030, end all forms of malnutrition, including achieving, by 2025, the internationally agreed targets on stunting and wasting in children under 5 years of age, and address the nutritional needs of adolescent girls, pregnant and lactating women and older persons.

2.3 By 2030, double the agricultural productivity and incomes of small-scale food producers, in particular women, indigenous peoples, family farmers, pastoralists and fishers, including through secure and equal access to land, other productive resources and inputs, knowledge, financial services, markets and opportunities for value addition and non-farm employment.

2.4 By 2030, ensure sustainable food production systems and implement resilient agricultural practices that increase productivity and production, that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters and that progressively improve land and soil quality.

2.5 By 2020, maintain the genetic diversity of seeds, cultivated plants and farmed and domesticated animals and their related wild species, including through soundly managed and diversified seed and plant banks at the national, regional and international levels, and promote access to and fair and equitable sharing of benefits arising from the utilization of genetic resources and associated traditional knowledge, as internationally agreed.



2.a Increase investment, including through enhanced international cooperation, in rural infrastructure, agricultural research and extension services, technology development and plant and livestock gene banks in order to enhance agricultural productive capacity in developing countries, in particular least developed countries.

2.b Correct and prevent trade restrictions and distortions in world agricultural markets, including through the parallel elimination of all forms of agricultural export subsidies and all export measures with equivalent effect, in accordance with the mandate of the Doha Development Round.

2.c Adopt measures to ensure the proper functioning of food commodity markets and their derivatives and facilitate timely access to market information, including on food reserves, in order to help limit extreme food price volatility.

Courses, Theses, Publications and Projects

Courses

In 2024, new courses were incorporated into the university curriculum to strengthen students' analytical and research capacities in understanding and addressing hunger-related and sustainability issues. The course **PSY 510: Statistical Methods for Advanced Clinical Research** provided an in-depth understanding of advanced regression methods, including simple and multiple linear regression, interactions, and the analysis of categorical and continuous variables. Students were trained to design and conduct statistical analyses, interpret data, and draw meaningful implications for complex social and behavioral research problems, including those related to food security and public well-being. Additionally, **PSIR 454: Politics of Imagined Futures**

explored the conceptualizations of utopia and dystopia within political thought, examining how visions of ideal and failed societies have shaped socio-political discourse. Through these courses, students developed a multidimensional understanding of hunger, inequality, and sustainability, combining empirical methods with theoretical insights to inform future research and policy development.

Publications

Y. Cimtay, B. Özbay, G. Yilmaz and E. Bozdemir, "A New Vegetation Index in Short-Wave Infrared Region of Electromagnetic Spectrum," *IEEE Access*, vol. 9, pp. 148535-148545, 2021.

This publication uses advanced spectral analysis to support precision agriculture, resilient food production, and data-informed policymaking, contributing directly to ending hunger and promoting sustainable, technology-driven agricultural practices.

Çimtay, Y. Estimating Plant Nitrogen by Developing an Accurate Correlation between VNIR-Only Vegetation Indexes and the Normalized Difference Nitrogen Index. *Remote Sens.* 2023, 15, 3898.

This publication examines methods for assessing plant nutrient levels through remote sensing technologies. By establishing a reliable correlation between VNIR-based vegetation indexes and nitrogen concentration, the study enhances the precision of crop monitoring without relying on costly or invasive field measurements.

Feed the Paws: The project was implemented to address the nutritional needs of stray cats on campus and to raise awareness about animal welfare within the university community (See Image 1). Students collectively raised funds, purchased cat food, and prepared posters announcing the location and time of their stand. During the event, they informed their peers about the initiative and encouraged further contributions.





Image 1. Feed the Paws

Through these efforts, the group successfully supported the feeding needs of the campus cats and promoted long-term awareness by introducing Cat Food Donation Boxes across the university. The initiative fostered empathy, social responsibility, and community engagement while promoting sustainable and compassionate approaches to addressing food-related challenges.

Events - Activities

Licensed Warehousing, Commodity Exchange and the Intermediary System: The TEDU Economics Research Union organized a seminar on November 5, 2024, to promote understanding of the transformation of agricultural financing and market structures in Türkiye (See Image 2). The session featured Ali Cem Suca, Director of the Anatolian Product Market Intermediary Institution, who delivered a presentation on “Licensed Warehousing, Commodity Exchange, and the Intermediary System in Turkish Agriculture.” The event provided valuable insights into how financial and organizational innovations in agricultural markets can enhance efficiency, transparency, and income stability for producers.



Image 2: Licensed Warehousing, Commodity Exchange and the Intermediary System

Free Soup: In 2024, TED University offered free soup to students during the final exam periods, ensuring that all students especially those facing financial hardship had access to nutritious food during this demanding time of the semester (See Image 3). This initiative also supported students' access to quality and healthy food within the university community.



Image 3. Free Soup

Evidence :

<https://library.tedu.edu.tr/en/whats-happening-tedu/we-wish-you-success-your-final-exams-0>

Let the Earthquake Not Destroy Our Future: Under the initiative “Let the Earthquake Not Destroy Our Future,” the Turkish Education Association continued its



long-standing commitment to supporting children in need, as it has done for 97 years. The organization pledged to sustain its educational and social support for children who lost their parents in the earthquake, ensuring that the devastating effects of the disaster would not jeopardize their future or the future of the nation.

As part of this initiative, an annual iftar dinner was traditionally organized to foster solidarity and provide social and nutritional support to affected families. The event not only offered a communal meal but also reinforced the university's dedication to combating food insecurity, promoting social inclusion, and supporting the well-being of vulnerable communities.

Evidence :

<https://ted.org.tr/deprem-gelecegimizi-yikmasin/>

Lights Up: On January 3rd 2024, TEDU organized a musical performance activity entitled "Lights Up." (See Image 4). The revenues from the activity were allocated to provide support, including nutritional aid, to children in the region affected by the earthquake.

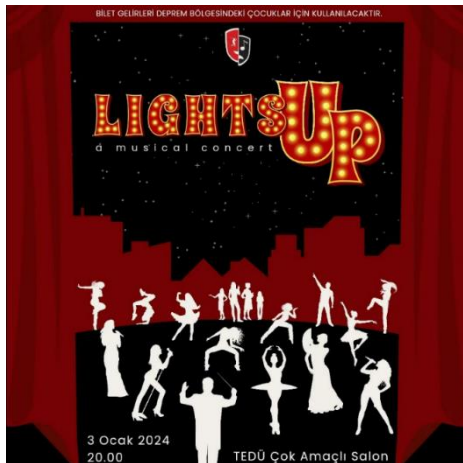


Image 4: Lights Up

Evidence: <https://avesis.tedu.edu.tr/etkinlik-organizasyonu/a32f6f34-03ef-4af3-8116-05f6b69ff038/lights-up-etkinlik-organizasyonu>

Campus

“Suspended Meal” Initiative at TED University: Since 2021, TED University has been implementing the “Suspended Meal” initiative to support members of its community who experience financial hardship (See Image 5). Through this initiative, meals and beverages are made available to students and staff in need at no cost, fostering a strong sense of solidarity and social responsibility within the university community.



Image 5. Suspended Meal

The program enables individuals to voluntarily contribute by leaving prepaid meals at the university's dining facilities, which can later be accessed by members with limited financial means. This initiative has provided substantial nutritional assistance to numerous members of the TED University community, ensuring that no individual is deprived of essential food resources during their educational or professional life.

Furthermore, the university's contracted food service providers actively support the initiative by offering a 10% discount on menu prices for those contributing to the Suspended Meal campaign. This collaboration enhances the sustainability and inclusiveness of the program, reinforcing TED University's commitment to equity, compassion, and community well-being.



Meal Scholarship Program for Students in Financial Need: TED University provides meal scholarships each year to support students who are in financial need, based on applications submitted to the Office of the Rector. This initiative aims to ensure that all students have access to balanced and nutritious meals throughout the academic year. The scholarship specifically covers the use of the university dining hall, thereby promoting healthy and affordable nutrition among students.

All applications are handled confidentially to protect students' personal data, and results are communicated to applicants individually. Students who are granted the meal scholarship benefit from the program throughout the academic year, ensuring continuous access to daily meals.

The number of students benefiting from the scholarship varies each year depending on demand and available resources. In 2024, the number of recipients increased by 20% compared to 2023, demonstrating the University's ongoing commitment to supporting students' nutritional well-being and food security.

Healthy and Inclusive Dining Services at TED University: TED University provides healthy and balanced dining options for all members of its community, both on campus and in university dormitories. Weekly and monthly meal plans are announced regularly and are prepared under the supervision of qualified dietitians, ensuring that each menu is nutritionally balanced and calorie-controlled.

The university's dining areas offer a wide variety of meals designed to meet the needs and preferences of all individuals. In addition to the open-buffet service, vegetarian and gluten-free buffet options are available every day, and all meals are freshly prepared and served daily. The salad bar includes freshly prepared greens and seasonal vegetables, promoting healthy eating habits within the campus community.

Meal menus are communicated to students and staff via the MYTEDU portal and through

the official Instagram account of the Dormitory Directorate, ensuring accessibility and transparency. Menus are updated regularly in accordance with seasonal variations and nutritional guidelines, supporting the well-being and dietary diversity of the university community (See Image 6).

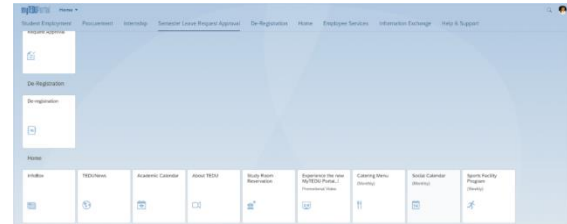


Image 6. Meal Menu Announcement in Portal

This inclusive and health-oriented meal service model reflects TED University's commitment to providing safe, nutritious, and sustainable food options for all members of its community.

Commitment to Healthy, Balanced, and Culturally Inclusive Dining Services: TED University is committed to providing healthy and balanced meal services across its campus and dormitory dining facilities. All daily menus are carefully designed to ensure a nutritionally balanced selection of food groups, supporting the well-being and dietary needs of the university community.

To maintain affordability and inclusiveness, meal prices are structured according to menu types including vegetarian, chicken, and red meat options to promote a fair and balanced pricing policy that accommodates diverse dietary preferences and financial conditions.

In 2024, the university organized more than five thematic food days from some places with high gastronomy culture, celebrating both nutrition and cultural diversity. As illustrated in the accompanying poster (See Image 7), traditional Turkish dishes were featured in the dining halls, creating opportunities to promote cultural awareness, strengthen community spirit, and offer enjoyable and motivating experiences for students and staff.





Image 7. Kayseri Cuisine

Through these practices, TED University fosters a dining culture that integrates health, accessibility, and cultural appreciation, ensuring that all members of its community benefit from nutritious and inclusive food services.

Free Meal Support for University Staff:

TED University provides free meal services for all staff members as part of its commitment to supporting employee well-being and ensuring access to nutritious food on campus (See Image 8).



Image 8. Meal Services for the University Staff

Each staff member receives a personalized TEDU identification card, issued by the

Human Resources Office, which includes their photograph, department affiliation, and personnel number (See Image 9).



Image 9. TEDU Card

In accordance with annual administrative decisions, a monthly meal allowance is credited to each staff member's card. This allowance can be used at all authorized dining facilities on campus, enabling employees to benefit from healthy and balanced meal options during the workday.

Due to institutional confidentiality policies, the specific monetary amounts allocated for meal support are not publicly disclosed. However, all related decisions and updates are transparently communicated to university personnel through the MY TEDU Portal (See Image 10)

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Image 10. Meal Plans and Menus on MyTEDU Portal

In 2024, the monthly meal allowance increased by 54% compared to 2023, reflecting the University's effort to adjust meal support in line with economic conditions and cost of living changes. The meal allowance policy is reviewed periodically throughout the year to ensure that staff members' nutritional and financial needs are adequately met.



Through a comprehensive meal and nutrition program, TED University demonstrates its dedication to ensuring food security, supporting healthy nutrition, and promoting staff welfare within the university community. TED University also operates a catering service that supports the provision of refreshments and meals for various events and activities organized on campus for broader social and university community (See Image 11).

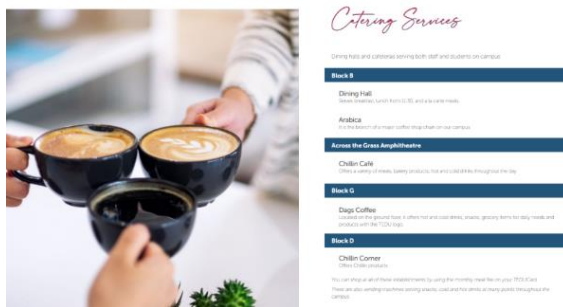


Image 11. Catering Services

Collaboration Protocol between TED University and the Development and Investment Bank of Turkey: TED University and The Development and Investment Bank of Turkey (TKYB) have signed a formal collaboration protocol focused on sustainability research. The signing ceremony was attended by TKYB's CEO, İbrahim Halil Öztop, and Deputy CEO, Seçil Kızılkaya Yıldız, and hosted by TED University's Rector, Prof. Dr. İhsan Sabuncuoğlu, Dean of the Faculty of Economics and Administrative Sciences, Prof. Dr. Levent Akdeniz, and Prof. Dr. Erdem Başçı (See Image 12).



Image 12. Collaboration Protocol between TED University and the Development and Investment Bank of Turkey

The collaboration aims to jointly develop projects and organize educational programs that align with the Sustainable Development Goals (SDGs), with particular emphasis on climate change mitigation, sustainability initiatives, and cooperation with local authorities and communities. Therefore, this protocol promotes climate-resilient agricultural practices, sustainable food systems, and local development initiatives. The partnership also includes awareness-raising activities to enhance public understanding of sustainability challenges through explaining resource management and food security.

Through this collaboration, both institutions seek to provide mutual technical expertise and research support to improve sustainability performance, initially at the regional and city level and subsequently at the national level. This initiative is designed to strengthen research capacity, foster community engagement, and contribute to the broader goal of promoting sustainable development in Turkey.

Evidence

<https://www.tedu.edu.tr/en/whats-happening-tedu/ted-university-development-investment-bank-turkey-cooperation>

İstasyonTEDU: A Support Hub for Sustainable Social Entrepreneurship:

İstasyonTEDU provides comprehensive support mechanisms for social enterprises by facilitating access to funding opportunities, network integration, business development, and workspace utilization. The center designs and implements capacity-building programs, delivers tailored consultancy services, and organizes training sessions to strengthen the capabilities of diverse ecosystem actors.

Through its initiatives, İstasyonTEDU supports social enterprises that develop innovative and sustainable solutions addressing challenges such as food insecurity, rural livelihoods, and equitable access to essential resources. The center contributes to the advancement of sustainable local economies by promoting



inclusive and community-based approaches to social innovation.

In addition, İstasyonTEDU enhances the visibility of social enterprises and conducts awareness-raising activities on social entrepreneurship and innovation. Acting as a facilitator between TED University and the wider social innovation ecosystem, it fosters partnerships that generate long-term social value and contribute to resilient and sustainable community development.

Evidence :
<https://drive.google.com/file/d/176antZXAIS9llcK6ivtjbVn4Fo3p0V-Z/view>

