



SDG12 - RESPONSIBLE PRODUCTION AND CONSUMPTION

The Sustainable Development Goals (SDGs) are global development goals adopted by the United Nations in 2015 and targeted to be achieved by 2030. Goal 12, "Responsible Consumption and Production," aims to ensure the efficient use of natural resources, reduce waste generation, promote sustainable supply chains, and minimize environmental impacts in production and consumption processes.

SDG 12 represents a holistic approach that encompasses not only environmental sustainability but also economic efficiency and social well-being. A large portion of the global economy today relies on the overconsumption of natural resources. This leads to both serious damage to ecological systems and long-term economic imbalances. Therefore, redefining production and consumption habits within a sustainable framework is a critical necessity for both developed and developing countries.

SDG 12 covers a wide range of areas, from energy and water use to food waste, from waste management to chemical control. The main purpose of this goal is to balance the relationship between economic growth and environmental sustainability.

12.2.1 - Does your university as a body have a policy on ethical sourcing of food and supplies?

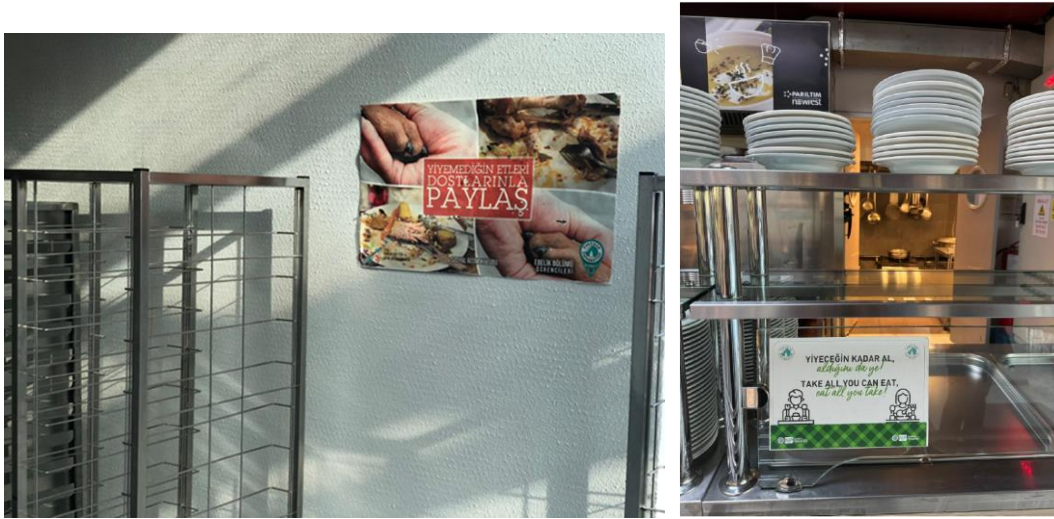
Üsküdar University is committed to ethically sourcing food and ingredients to provide a healthy, safe, and responsible environment for its community.

All meals in the university cafeterias are prepared under the supervision of food engineers and dietitians in accordance with health and ethical standards. Menus are developed by the Menu Planning Committee and approved by the Department of Health, Culture, and Sports.

Contractors are required to adhere to food safety and ethical standards, which are regularly audited by the university administration. Procurement processes comply with public ethical standards that emphasize transparency, fair competition, and sustainability.

Üsküdar University maintains high health and ethical standards in all food and ingredient procurement through this policy. As evidence,

- A visual of the slogan "Share the Meat You Can't Eat with Your Friends" has been added to the cafeteria.
 - Cafeteria Hygiene Checklist
 - Field Observation Inspection Report
 - Cafeteria Checklist documents have been added as evidence.
- Additionally, sample control and analysis result reports specific to cafeteria services have been added as evidence..



12.2.3. Does your university as a body have a policy, process or practice on waste disposal - Covering hazardous materials?

Üsküdar University aims to create an environmentally conscious institutional culture by embracing a responsible production and consumption approach in line with sustainable development principles. The university prioritizes waste management, recycling, resource efficiency, and environmentally friendly practices in all its activities.

Waste Management Approach

At Üsküdar University, all food and material waste generated across the campus is collected, separated, and disposed of in accordance with environmental legislation. The university prioritizes policies to increase recycling, reduce food waste, and utilize environmentally friendly disposal methods. These processes contribute to both the protection of public health and the strengthening of environmental sustainability.

Organic Waste Management

As part of organic waste management, all stages of food preparation in the cafeteria—cooking, temperature and cooling control, and cold chain storage—are carefully monitored and recorded. To standardize these processes, a "Hot Meal Preparation Procedure" has been implemented. This procedure protects student and staff health, prevents food spoilage, and reduces waste production. Thus, the fundamental principle of waste management, "prevention," is being effectively implemented.

Furthermore, a "Storage Conditions Procedure" has been added, ensuring that food raw materials and cooked products are stored under appropriate conditions. These regulations both increase resource efficiency and prevent food waste.

Waste Oil Management

Grease trap systems have been installed in cafeterias to prevent oil from entering the sewage system. Visuals demonstrating the system's operation and a 2024 waste oil quantity table have been shared to raise awareness. Used oil is delivered to licensed companies, and this process is carried out under a



contract with the Kolza Biodiesel Recycling Company (<https://www.kolza.com.tr/atik-yaglar.asp>). This process allows waste oil to be recycled and converted into a renewable energy source, supporting the circular economy approach.

Inorganic Waste Management

The university has completely eliminated single-use plastic cups and replaced them with thermos cups. This step has significantly reduced environmental impact by reducing plastic consumption. Inorganic waste such as metal and plastic is separated at the source and collected separately. Collected waste is delivered to the Ümraniye Municipality Environmental Protection and Control Directorate using a "Waste Receipt/Delivery Report," and each delivery is recorded (<https://www.umraniye.bel.tr/hizmet-rehberi/cevre-koruma-ve-geri-donusum>).

Toxic Waste Management

Special procedures governing the classification, collection, temporary storage, disposal, and recycling of toxic and hazardous waste are implemented at the university. The "Waste Management Procedure," covering these processes, entered into force on October 3, 2022. Hazardous waste originating from laboratories or healthcare services is securely stored in temporary storage areas and delivered to licensed institutions. This minimizes environmental risks and ensures full compliance with legal standards.

In addition, Zero Waste Certificates and documentation regarding battery waste from the main campus and Etiler Medical Center were presented as evidence.



T.C.
İSTANBUL VALİLİĞİ
Çevre ve Şehircilik İl Müdürlüğü



Belge No: TS/34/B2/6/224

Tarih: 18/06/2021

SIFIR ATIK BELGESİ (Temel Seviye)

Adı : T.C. ÜSKÜDAR ÜNİVERSİTESİ
Adresi : İSTANBUL, ALTUNİZEDE Mahallesi, HALUK TÜRKSOY SOKAK, No: 14-0, ÜSKÜDAR, Türkiye
Vergi No : 8150465563

12/07/2019 tarihli ve 30829 sayılı Resmî Gazete'de yayımlanarak yürürlüğe giren Sıfır Atık Yönetmeliği'nce Sıfır Atık Yönetim Sistemi'ni kurarak Sıfır Atık Belgesi'ni almaya hak kazanmıştır.

Belge Son Geçerlilik Tarihi: 18/06/2026

e-İmzalıdır
Hacı Mehmet
GÜNER
Çevre ve Şehircilik İl
Müdürlüğü

Kaydedilenler

Bu belge, güvenli elektronik imza ile imzalanmıştır.

12.2.4 - Does your university as a body have a policy on waste disposal - To measure the amount of waste sent to landfill and recycled?

Üsküdar University's Environmental Analysis Report includes comprehensive assessments of plastic waste reduction, improved disposal processes, and Zero Waste Certification initiatives. The report systematically documents the university's environmentally friendly policies, waste management strategies, and sustainability goals, providing concrete results to monitor its efforts to protect the environment and use resources efficiently.

The 2023-2024 Environmental Analysis Report was used as evidence for the relevant article.



12.2.5 - Does your university as a body have policies around use minimisation - Of plastic?

The university has established an Environmental Ethics Platform, which publishes comprehensive information and documents on plastic pollution, single-use plastics, and environmental ethics for events such as World Environment Day.

Link: <https://uskudar.edu.tr/haber/uskudar-universitesi-cevre-icin-seferber/61976>

The waste procedure is also included as evidence.

Furthermore, our founding rector, Prof. Dr. Nevzat TARHAN, and Prof. Dr. Deniz Ülke KAYNAK participated in the 4th International Food Chemistry Congress, which this year focused on the core concept of "food sustainability."

Link: <https://uskudar.edu.tr/haber/4-uluslararası-gıda-kimyası-kongresi-onemli-isimleri-bir-araya-getiriyor/60143>

12.2.6 - Does your university as a body have policies around use minimisation - Of disposable items?

The Environmental Ethics Platform, operating within Üsküdar University, has prepared a special information document to raise public awareness and strengthen environmental responsibility for World Environment Day, June 5, 2025. This document emphasizes the year's main theme, "Stop Plastic Pollution," emphasizing individuals' moral and theological responsibilities as well as environmental awareness. By considering the environment not only as an ecological value but also as an area of ethical and spiritual responsibility, the platform significantly contributes to the university's sustainability vision. The waste disposal procedure was also included as evidence.

Üsküdar Üniversitesi

Üniversitemiz Akademik Araştırma Öğrenci Kalite Aday Toplumsal Katkı Menü

Anasayfa / Üniversitemiz / Haberler / Üsküdar Üniversitesi çevre için seferber!

Üsküdar Üniversitesi çevre için seferber!

Üsküdar Üniversitesi Çevre Ahlakı Platformu, 5 Haziran Dünya Çevre Günü'nde plastik kirliliğine dikkat çeken kapsamlı bir dosya yayınladı. Üsküdar Üniversitesi Çevre Ahlakı Platformu Başkanı Prof. Dr. İbrahim Özdemir öncülüğünde hazırlanan dosyada, plastik küresel bir tehdit olarak görülürken, tek kullanımlık plastiklere yasal sınırlama getirilmesine vurgu yapılıyor. Üsküdar Üniversitesi, katkı sağlayıcıları arasında yer aldığı "Mizan: Dünya ile Bir Sözleşme" adlı uluslararası çevre belgesini, dijital formatta ve ücretsiz olarak kamuoyunun erişimine açıyor.



Üsküdar Üniversitesi bünyesinde faaliyet gösteren Çevre Ahlakı Platformu, 5 Haziran 2025 Dünya Çevre Günü kapsamında, toplumsal farkındalığı artırmak ve çevresel sorumluluğu güçlendirmek amacıyla özel bir bilgi dosyası hazırladı. Bu yılki Dünya Çevre Günü'nün ana temasının "Plastik Kirliliğini Sona Erdirmek" olduğu hatırlatılan dosyada, çevre bilincinin yanı sıra ahlaki ve teolojik sorumluluklara da dikkat çekiliyor.

Haber ile ilişkili SDG etiketleri

3 SAĞLIKLI YAŞAM	6 SAĞLIKLI SU	7 UYUMLU ENERJİ	10 EĞİTİM	11 SÜRDÜRÜLEBİLİR KENTLER VE TOPLUMSAL YAŞAM
12 SÜRDÜRÜLEBİLİR TÜKETİM	13 HAVA KİRLİLİĞİ	14 DENİZ YAŞAM VE DENİZ KAYNAKLARI	15 KARADENİZ YAŞAM	16 BARUTSUZ VE ŞİŞİMSİZ TOPLUMSAL YAŞAM
17 ADILIK VE CANSIZLIK				

DOI

<https://doi.org/10.32739/uha.id.61976>

Diğer Haberler

Kişiyi özel öğrenme fırsatı sunan projeye TÜBİTAK'tan... >

Erken teşhis ve moral desteği meme kanserinde hayat... >

Prof. Dr. Nevzat Tarhan: "En iyi antidepresan karşılıksız... >



Evidence related to the mentioned topics has also been uploaded.

- 2024 Etiler Medical Center Battery Delivery
- Waste Management and Battery Waste
- Central Campus Battery Waste Delivery 2024-11-28-12-06-08
- NP Istanbul Hospital Water Supply and Drinking Water Treatment
- Reducing Plastic Consumption with Water Dispensers

12.2.7 - Do these policies extend to outsourced services and the supply chain?

Üsküdar University has established rules limiting single-use, non-consumable plastic waste to promote sustainable consumption and reduce environmental waste. This approach is based on the preference for durable, reusable, and reusable plastics over single-component plastics in presentations and services in cafes, dining halls, canteens, and similar common areas. Furthermore, in university service agreements, subscribers are strongly encouraged to comply with environmental regulations and university preferences in situations involving the supply of plastic or single-component materials. This approach supports Üsküdar University's goals of expanding the distribution of environmentally friendly materials and preventing plastic waste in line with its Zero Waste policies.

The following documentation from the Purchasing Department is attached as proof:

- Purchasing Request Form
- Kare Engineering Transformer Maintenance
- ENEL UPS Contract
- Ofis Dünyası Contract

12.2.8 - Do these policies extend to outsourced suppliers and the supply chain - (suppliers of equipment, stationary, building contracts)?

Üsküdar University is establishing individual protocols to strengthen environmental sustainability principles in its collaborations with supplier companies and expanding guidelines aimed at reducing plastic use. In this context, prioritizing environmentally friendly, recyclable, or reusable materials in its supply and service sales activities.

This approach directly contributes to the university's sustainability goals, and all stakeholders are encouraged to adopt environmentally friendly practices. Üsküdar University aims to reduce environmental impact and create effective, lasting solutions by embracing responsible production and consumption in its long-term supply chain management.

The following documentation from the Purchasing Department is attached as proof:

- Purchasing Request Form
- Kare Engineering Transformer Maintenance
- ENEL UPS Contract



- Ofis Dünyası Contract

Additionally, Zero Waste Certificates have been added.

Satır No	Malzeme Adı	Talep Miktarı	Açıklama	Deha Önce Alınan Miktar	Lab. Stok	Depo Stok	Birim Fiyat
1	İşya dayalı eldiven	1	İş sağlığı ve güvenliği tedbirleri kapsamında otoklavdan çıkan malzemelerin tutulması amacıyla kullanılacaktır. (Uzun süreli kullanım) Önceden yapılan talep onaylanmış ancak bu malzeme laboratuvarımıza teslim edilmemiştir.	0	1		
2	Parafilm	3	Birçok deneyde kullanılan bir malzemedir. (Uzun süreli kullanım)	1	0		
3	Haven ve haven topu, cam (Çap = 12cm)	2	Çeşitli deneylerin farklı aşamalarında kullanılan bir sarf malzemedir. (Uzun süreli kullanım)	3	1		
4	Steril tek kullanımlık öze (Yuvarlak uçlu-Tekli paket)	100	Hücre kültürü çalışmalarında kullanılacaktır. (Yıllık talep)	10	10		
5	Drigalski spatülü, cam	10	Hücre kültürü çalışmalarında kullanılacaktır. (Uzun süreli kullanım)	10	6		
6	Kaba Filtre Kağıdı (400x400 mm) (1 paket 250 adet)	2	Tüm deneyler esnasında laboratuvar güvenliğinin korunması amacıyla kullanılmaktadır. (Yıllık Talep)	2	0,5		
7	Gazlı Bez	10	Deney tüplerinin sterilizasyonu aşamasında kullanılmaktadır. (Yıllık talep)	5	0		
8	Alüminyum folyo	5	Solüsyonların ışıktan korunması için şişelerin sarılması, eneri ve benzerinin kapatılması, manyetik karıştırıcının temiz tutulması için üstünden kaplanması gibi çeşitli amaçlarla kullanılmaktadır. (Yıllık talep)	1	0		

12.3.1 - Does your university as a body measure the amount of waste generated and recycled across the university?

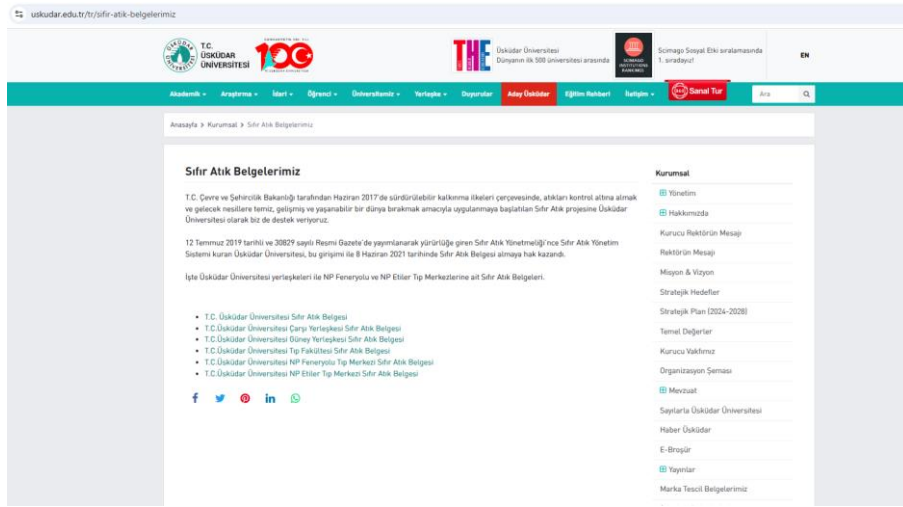
The amount of waste generated and recycled across Üsküdar University is regularly measured, monitored, and reported. We will place great importance on monitoring this process to ensure the maintenance and sustainability of the university's waste management policies.



Waste reduction and recycling activities across all academic and administrative units are systematically monitored and continuously improved. This aims to ensure efficient use, reduced growth rates, and widespread awareness of the circular economy across Üsküdar University.

The news link is presented as evidence.

Link: <https://uskudar.edu.tr/haber/sifir-atik-yesil-kampus-ve-cevrecilik-alaninda-2-odul-uskudarin/5475>



12.3.2.1 - Amount of waste generated

12.3.2.2 - Amount of waste recycled

12.3.3.2 - Amount of waste sent to landfill

T.C. ÜSKÜDAR ÜNİVERSİTESİ TEHLİKELİ ATIK RAPORU																	
2024 yılı Yerleşkeler/ Atık Kodları (kg)	08 01 21	08 03 17	13 02 08	15 01 06	15 01 10	15 01 11	15 02 02	16 01 07	16 01 14	16 02 13	16 05 06	18 01 03	18 01 06	18 01 08	18 01 09	20 01 21	20 01 33
Çarşı		3	2460														9
Merkez A-B-C-D-E		57	260	850	200	3	43		70		270						11
Güney A-B-C-D-E				1680			55		380								
Feneryolu		7	20	247	13	11	4	4		3							5
Etiler		5	20	563	4	5											
Tıp Fakültesi			175	1980				165									
Sağlık				4565				415					192				
Toplam kg		72	475	12345	272	19	1007	8	70	3	270	192				25	

2024	
GERİ DÖNÜŞÜMÜ OLMAYAN ATIKLAR	462 KG
%95 AYRIŞTIRILIP GERİ DÖNÜŞEN ATIKLAR	12345 KG
AYRIŞTIRILIP KISMEN GERİ DÖNÜŞEN ATIKLAR	1951 KG

*Atık kodlarının üzerindeki açıklamalar atığın cinsini ve türünü belirtir



12.4.1 - Publication of sustainability report

As a result of its work within the scope of the 2025 Sustainable Development Goals (SDGs), Üsküdar University was evaluated against all 17 goals set by the United Nations and was deemed worthy of all these distinctions.

This achievement demonstrates the university's pioneering approach, which integrates education, research, social contribution, and environmental policies with sustainable development principles. In this context, Üsküdar University has transformed its sustainability vision into an institutional culture through projects in numerous areas, including quality education, social equality, healthy living, clean energy, responsible production, and combating climate change. Additionally, last year's sustainability report was added as evidence.