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University : Ege University
Country : Turkey
Web Address : www.ege.edu.tr

12.2.5. Policy for minimization of plastic use

Policy Statement

Ege University commits to minimizing plastic usage by phasing out single-use plastics, promoting reusable alternatives, and ensuring proper recycling systems. The policy supports a campus-wide transition towards a circular economy model that prioritizes material reuse and waste prevention.



EGE UNIVERSITY

REDUCTION POLICY FOR SINGLE-USE MATERIALS AND PLASTICS

The concept of Sustainable Campus is a holistic management approach that prioritises environmental awareness in all activities of the University, carries out environmental activities in this direction, aims to make sustainability a culture of life for students and employees during and after the education and training period, and includes students, academic and administrative staff, media, local governments, regional businesses and other stakeholders of the campus. Within the scope of this understanding, it aims to reduce single-use materials and plastics in order to become more respectful to nature within our campus. Single-use plastics are plastic products designed for a single use before disposal, such as plastic bags, straws, food/beverage containers and product packaging.

Our university has established its waste management policy according to this regulation within the scope of the Zero Waste Project published in 2017. This policy established in this context is based on the requirements of the Waste Management Regulation and Zero Waste Regulation. Accordingly, the policy for the reduction of disposable materials and plastics is based on the Zero Waste principle respectively;

- Prevention
- Reduction
- Reusing
- Recycling
- Safe disposal

Within the scope of this policy, Ege University adopts the following principles and works



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to achieve these goals.

- To provide a clean and sustainable campus for life and public health,
- To reduce the amount of single-use plastic by using plastic-free alternatives on campus,
- Encouraging the use of alternative products instead of plastic straws in canteens and cafeterias,
- Launching bring your thermos campaigns in canteens and cafeterias,
- Providing awareness and awareness trainings to avoid the use of disposable plastics,
- Encouraging the use of cloth bags on campus,
- Not using disposable products in the activities to be organised, turning this into a campus awareness,
- Providing trainings covering all students on campus with the aim of using materials that can be used continuously, not disposable plastic,
- Raising environmental awareness to the highest level by transferring the damage caused by disposable materials and plastics to all students and staff on campus in a holistic manner,
- To ensure that efforts to reduce the demand for single-use materials are given the necessary importance and support,
- To develop a teamwork among all our students, staff, canteen and cafeteria workers on campus, together with all stakeholders to reduce waste in the campus.

Implementation Strategy

a. Procurement and Supply

- All tenders and supply contracts must prioritize **plastic-free or recyclable materials**.
- Refillable water dispensers and biodegradable packaging alternatives are encouraged.

b. Campus Operations

- Reusable bottles, mugs, and food containers to be promoted through awareness campaigns.
- Collection bins for PET, HDPE, and LDPE plastics available in all faculties.
- Green events guideline: campus events must avoid single-use plastics (cups, banners, balloons).

c. Laboratory and Office Practices

- Replace single-use lab plastics (where feasible) with glassware.
- Establish a **“Plastic Audit Program”** to monitor plastic-intensive departments.
- Encourage bulk purchasing to reduce packaging.

How It Can Be Integrated into the Implementation Strategy

The following actions and programs can be embedded into the university’s plastic minimization policy as part of its implementation strategy.

□ **Action:** Install water dispensers with filtration systems in central and high-traffic campus areas. (https://egeajans.ege.edu.tr/?p=3424&utm_source=chatgpt.com)

Goal: Reduce the consumption of bottled water and single-use plastic bottles.



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☐ **Action:** Remove plastic straws from cafeterias and replace them with sustainable alternatives such as paper or metal straws. (https://www.theproeco.com/tr/haberler/ege-de-plastik-pipet-farkindaligi?utm_source=chatgpt.com)

Goal: Decrease the consumption of single-use plastic straws across all food service areas.

☐ **Action:** Eliminate plastic plates, cutlery, and cups in university dining halls and cafeterias. (https://surdurulebilir.ege.edu.tr/files/surdurulebilir/icerik/SDG12-%20Sorumlu%20Uretim%20ve%20Tuketim%20Surdurulebilir%20Kalkinma%20Raporu.pdf?utm_source=chatgpt.com)

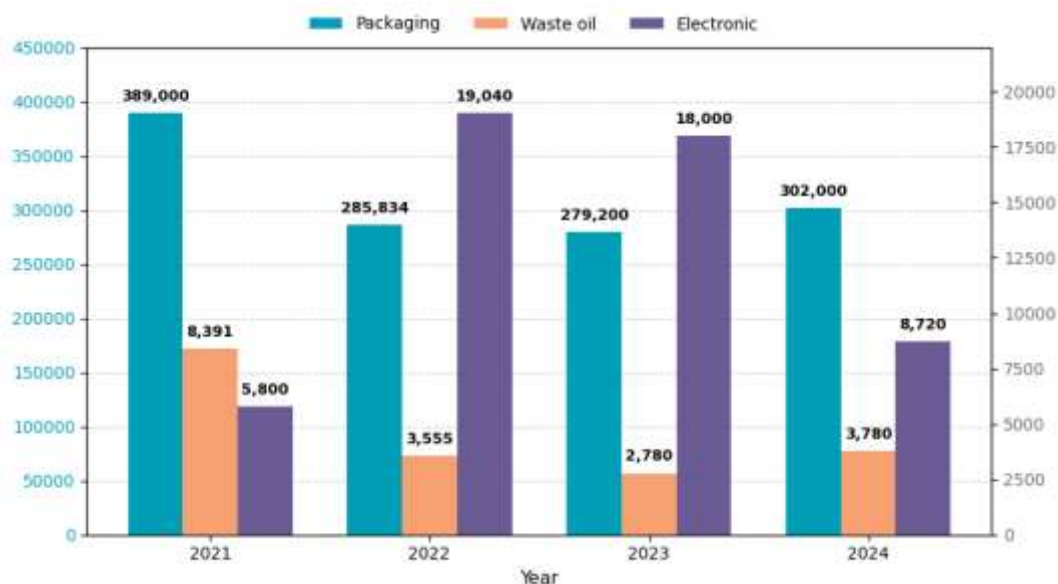
Goal: Achieve a measurable reduction in the use of disposable plastic tableware and utensils.

☐ **Action:** Establish Mobile Waste Collection Stations that allow separate collection of plastic and other recyclable materials. (https://www.euegeajans.com/index.php/2023/03/15/ege-universitesi-sifir-atik-hedeflerine-dogru-onemli-bir-adim-daha-atti/?utm_source=chatgpt.com)

Goal: Increase the rate of source-separated plastic waste collection across the campus.

Monitoring and Measurement

- **Annual waste report** coordinated by ÇEVMER (Environmental Research Center), Data integrated into the **Zero Waste Management System**.
- **Performance indicators:**
 - % reduction in single-use plastic items per year
 - Number of refill points installed
 - Kg of plastic waste recycled vs. baseline



It has been observed that the amount of recyclable waste increased from 2023 to 2024. This increase has been attributed to the sale of waste by Ege University during this period. In this context, archives located in departments and libraries were included as additional sources for Ege



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University's recycling efforts. Therefore, the number has shown an increase.

Information and Communication Technology for monitoring the wastes

Stage	Activities/Programs	ICT Utilization	Evidence	Timeline	Responsible Team/Department
Planning	Waste reduction rate to be 15% in order to reach a higher level of certification	"Integrated Environmental Management System" (IEMS) System	PHOTO 1	2024	Ege University Center for Environmental Studies
Implementation	All recycled bins placed on campus must be declared with their location on the Ministry's website. However, we do not have a smart recycling bins. There are 1400 sets of waste bins on our campus and it is quite costly to convert them into smart bins.	IEMS System	PHOTO 3	Mar 2024 - Apr 2024	Ege University Center for Environmental Studies
Monitoring	Track waste collection and recycling rates	IEMS System	PHOTO 2	Ongoing	Ege University Center for Environmental Studies
Evaluation	Assess effectiveness of 3R program	Data analysis tools, feedback systems	Program evaluation reports, stakeholder feedback	Annually	Ege University Center for Environmental Studies

- **Planning, Implementation, Monitoring and Evaluation;** In our country, zero waste activities are rewarded with 4 level certificates. The most basic of these is the zero waste basic level. This ranking continues as silver, gold and platinum. Currently, as Ege University, we aim to reach the platinum level. This has to be declared to IEMS (Integrated Environmental Management System").



12
RESPONSIBLE
CONSUMPTION
AND PRODUCTION

Hesap (Firma, Kurum) Listeleme

Yeni Hesap Ekleme | Yeni Hesap (Firma, Kurum)

Hesap Durumu Seçimi | İl Seçiniz | Unvan | Vergi No | Çeşitli KDVler No | DUYU Adres Kutusu

Bekleyen bayırturu var | Adres | Arama

No.	Tipi	TICNO	Unvan	Vergi No	İl	İlçe	Bayırturu	Durumu	Onay Durumu	İşlemler
1	Firma	288385318	EĞE ÜNİVERSİTESİ REKTÖRLÜĞÜ REKTÖRLÜK ÖZEL KALEM (EĞEYE Mahallesi, GORGULU CADDE, No: 12 - BAHRIYA, İZMİR) Ticaret Sicil No: 2286123416	3250000230	İZMİR	BORNOVA		✓	✓	i

[illegible]

PHOTO 2

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Toplam Kayıt Sayısı: 102												
#	Kurum Adı	Kurum Türü	İl	İlçe	Uygulama Alanı	Kayıt Tarihi	Faaliyet	Rakamın Detay	Detay	Tarihçe	Düzenle	Sil
#465429	EGE ÜNİVERSİTESİ MERKEZ KAMPUSU	Eğitim Kurumu ve Kurumlar	İZMİR	BORNOVA	Genel	04.11.2020	Yerleştirilen Ekipman...		i			
#465294	EGE ÜNİVERSİTESİ MERKEZ KAMPUSU	Eğitim Kurumu ve Kurumlar	İZMİR	BORNOVA	Genel	12.10.2020	Yerleştirilen Ekipman...		i			
#467611	EGE ÜNİVERSİTESİ MERKEZ KAMPUSU	Eğitim Kurumu ve Kurumlar	İZMİR	BORNOVA	Genel	09.10.2020	Yerleştirilen Ekipman...		i			
#467603	EGE ÜNİVERSİTESİ MERKEZ KAMPUSU	Eğitim Kurumu ve Kurumlar	İZMİR	BORNOVA	Genel	09.10.2020	Yerleştirilen Ekipman...		i			
#467589	EGE ÜNİVERSİTESİ MERKEZ KAMPUSU	Eğitim Kurumu ve Kurumlar	İZMİR	BORNOVA	Genel	09.10.2020	Yerleştirilen Ekipman...		i			
#467579	EGE ÜNİVERSİTESİ MERKEZ KAMPUSU	Eğitim Kurumu ve Kurumlar	İZMİR	BORNOVA	Genel	09.10.2020	Yerleştirilen Ekipman...		i			
#467565	EGE ÜNİVERSİTESİ MERKEZ KAMPUSU	Eğitim Kurumu ve Kurumlar	İZMİR	BORNOVA	Genel	09.10.2020	Yerleştirilen Ekipman...		i			
#467557	EGE ÜNİVERSİTESİ MERKEZ KAMPUSU	Eğitim Kurumu ve Kurumlar	İZMİR	BORNOVA	Genel	09.10.2020	Yerleştirilen Ekipman...		i			
#467551	EGE ÜNİVERSİTESİ MERKEZ KAMPUSU	Eğitim Kurumu ve Kurumlar	İZMİR	BORNOVA	Genel	09.10.2020	Yerleştirilen Ekipman...		i			
#467543	EGE ÜNİVERSİTESİ MERKEZ KAMPUSU	Eğitim Kurumu ve Kurumlar	İZMİR	BORNOVA	Genel	09.10.2020	Yerleştirilen Ekipman...		i			

PHOTO 3

Education and Awareness

- “Plastic-Free Campus” campaigns and student challenges.
- Workshops on sustainable materials and circular economy.
- Collaboration with NGOs (e.g., TEMA, ÇEVKO) for awareness programs.

Ege University Zero Waste Action Plan was prepared to move from the basic level to Silver, Gold and Platinum levels, aiming for the smooth operation of the zero waste system and waste reduction. Ege University has established a Zero Waste commission for the realization and follow-up of these works. As of 2023, activities will be carried out according to the action plan.



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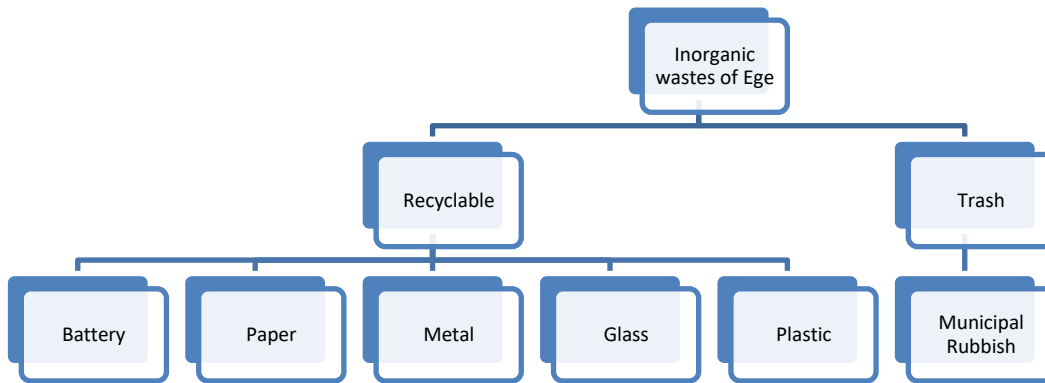


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Packaging waste management

In the new term, waste will be collected in 6 different systems on our campus. The collected waste is sent to our temporary storage center and is also collected from the units and sent for recycling.



Within the scope of waste reduction efforts, the Zero Waste Action Plan was put into action by our Rectorate in 2023. Headings in the plan;

The target, target audience, responsible unit, activity and implementation method, period, stakeholders and realization status are presented to our Rector periodically. In this context;



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Hedef	Hedef Kitle	Sorumlu Birim	Faaliyet	Uygulama Şekli	Faaliyet Dönemi	Paydaşlar	Gerçekleşme
Atık azaltımı	Ege Üniversitesi mensupları	ÇEVMER	• İkinci el eşya takas pazarı	• İkinci el takas pazarının gerçekleştirilmesi	Yıl boyunca	Öğrenci Dekanlığı SKS Topluluklar	İkinci El Takas Pazarı etkinliğinin bu yıl 30 Mart Uluslararası Sıfır Atık Günü kapsamında gerçekleştirilmesi planlanmaktadır.
	Ege Üniversitesi mensupları	Bilgi-İşlem Daire Başkanlığı	• İkinci el eşya paylaşımı	Kimlik üzerinden "Ege İlan" sayfasının oluşturulması	Aralık	Bilgi-İşlem Daire Başkanlığı	"Ege İlan" sayfasının oluşturulması ile ilgili çalışmalar sürmektedir. Haziran 2023 tarihinde tamamlanması planlanmaktadır.

For Waste Reduction;

Ege Üniv. Etilak Tarih ve Sayısı: 27.02.2023-E.1155234



T.C.
EGE ÜNİVERSİTESİ REKTÖRLÜĞÜ
Çevre Sorunları Uygulama ve Araştırma Merkezı Müdürlüğü

Sayı : E-36367668-611.01-1155234
Konu : Sıfır Atık Çalışmaları

DAĞITIM YERLERİNE

Üniversitemiz Sıfır Atık çalışmaları kapsamında, atığınızı azaltarak ve kaynaklarımızı verimli kullanmak amacıyla tüm kampüslerimizde kapıların daha dikkatli kullanımı için sizlere odanız kadar az baskı yapılmış ve baskı yapılmış kağıtları çöplük tarafına atmanızı rica ederiz.

Yazın tüm personelle deaylanmasını ve gerekli hassasiyetin gösterilmesi için gereğini rica ederim.

Prof. Dr. Mehmet ERSAN
Rektör Yardımcısı

Dağıtım:
Atanlık İktisadi ve İktisadi Tarih Bölümü Başkanlığına
Bedem Eğitimi Bölümü Başkanlığına
Enfeksiyon Hastalıkları Bölümü Başkanlığına
Güzel Sanatlar Bölümü Başkanlığına
Türk Dil ve İlahiyatı Bölümü Başkanlığına
Yenilikçilik ve Girişimcilik Bölümü Başkanlığına
Eğitim Bilimleri Enstitüsü Müdürlüğüne
Fen Bilimleri Enstitüsü Müdürlüğüne
Güven, Enerji ve Enerji Enstitüsü Müdürlüğüne
Makale Başvuruları, Yayıncılık ve İlaç Bilimleri Enstitüsü Müdürlüğüne
Nükleer Bilimler Enstitüsü Müdürlüğüne
Sağlık Bilimleri Enstitüsü Müdürlüğüne
Sosyal Bilimler Enstitüsü Müdürlüğüne
Türk Dili ve Dilbilim Enstitüsü Müdürlüğüne
Uluslararası Bilgisayar Enstitüsü Müdürlüğüne
Beyrut İlahiyat Fakültesi Dekanlığına
Çevre Tarihleri Fakültesi Dekanlığına
Diyadin Bilimleri Fakültesi Dekanlığına

Her bir kişiye, gereğini istenilen ve istenilen.

Bilgi: Başvuruları Kısım: 01/01/2023-01
Bilgi: Yayıncılık Kısım: 01/01/2023-01
Bilgi: Enerji Enstitüsü Kısım: 01/01/2023-01
Bilgi: Nükleer Bilimler Enstitüsü Kısım: 01/01/2023-01
Bilgi: Sağlık Bilimleri Enstitüsü Kısım: 01/01/2023-01
Bilgi: Sosyal Bilimler Enstitüsü Kısım: 01/01/2023-01
Bilgi: Türk Dili ve Dilbilim Enstitüsü Kısım: 01/01/2023-01
Bilgi: Uluslararası Bilgisayar Enstitüsü Kısım: 01/01/2023-01
Bilgi: Beyrut İlahiyat Fakültesi Dekanlığına Kısım: 01/01/2023-01
Bilgi: Çevre Tarihleri Fakültesi Dekanlığına Kısım: 01/01/2023-01
Bilgi: Diadin Bilimleri Fakültesi Dekanlığına Kısım: 01/01/2023-01

Official letter for all units of EU stating less paper usage

Some Articles of Zero Waste Action Plan

1. Second hand Room in EU
2. Green purchasing
Purchase of materials in large size packages

Receiving refillable cartridges and rechargeable batteries



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Purchasing recycled paper

3. Responsible consumption

- Putting printers in economical printing mode
- Setting printers for double-sided printing
- Using waste papers as drafts
- Switching to sensor soap dispensers
- Using paperclips and staples instead of plastic bags

4. Holding a logo contest among students titled «Sustainable and Climate-Friendly Campus» or «Green University»

FOR REDUCING AND REUSING ACTIVITIES OF EGE UNIVERSITY

PLEASE CLICK ON:

<https://docs.google.com/document/d/1b-Ju4TootmaAlUGtIhdW-uimcaqMwogb/edit?usp=sharing&ouid=108883232192648074080&rtpof=true&sd=true>

AWARENESS STUDIES



Description: Paper, metal, plastic, glass and compost wastes are collected separately within the scope of the zero waste concept in the campus area. These wastes are collected periodically by the regional municipality for



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recycling. Accordingly, in order to reduce plastic waste; water bottles, packaging, etc. Water dispensers are widely distributed in the campus area and the use of cloth and bags among students is encouraged. University students and staff are given training to reduce paper, metal, plastic, glass and compost waste.

Electronic Document Management System (EDYS) and automation systems known as enVision were built to reduce the amount of paper usage in offices and educational facilities.

Ege University was chosen as a leading university within the scope of the 'Zero Waste' Project initiated by the Ministry of Environment and Urbanization. Ege University was the first state university to implement the project, which was initiated to use resources more efficiently and reduce the amount of waste.

Indoor recycling bins were placed in all buildings within the university and outdoor recycling bins outside all buildings.

The temporary storage area is equipped with high-volume garbage containers to store recyclable waste collected from the university buildings.

We have a zero waste booklet and a green university guide to increase students, academics, staff and public awareness on the issue.

Additional evidence link:

Zero Waste booklet;

[http://cevremerkezi.ege.edu.tr/files/cevremerkezi/icerik/sifir%20atik\(1\).pdf](http://cevremerkezi.ege.edu.tr/files/cevremerkezi/icerik/sifir%20atik(1).pdf)

Zero Waste Presentation;

https://cevremerkezi.ege.edu.tr/files/cevremerkezi/icerik/Sifir_Atik_Sunum_PDF.pdf

EU. Zero Waste Short Film;

<https://www.youtube.com/watch?v=jDT3pFQ7Fes>

Ege University indoor waste management;

[https://cevremerkezi.ege.edu.tr/files/cevremerkezi/icerik/Web_Atik_%20Kutu\(1\).pdf](https://cevremerkezi.ege.edu.tr/files/cevremerkezi/icerik/Web_Atik_%20Kutu(1).pdf)



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Barter Market



Training for secondary school



Marine Pollution Exhibition

<https://twitter.com/EUCevreMerkezi>

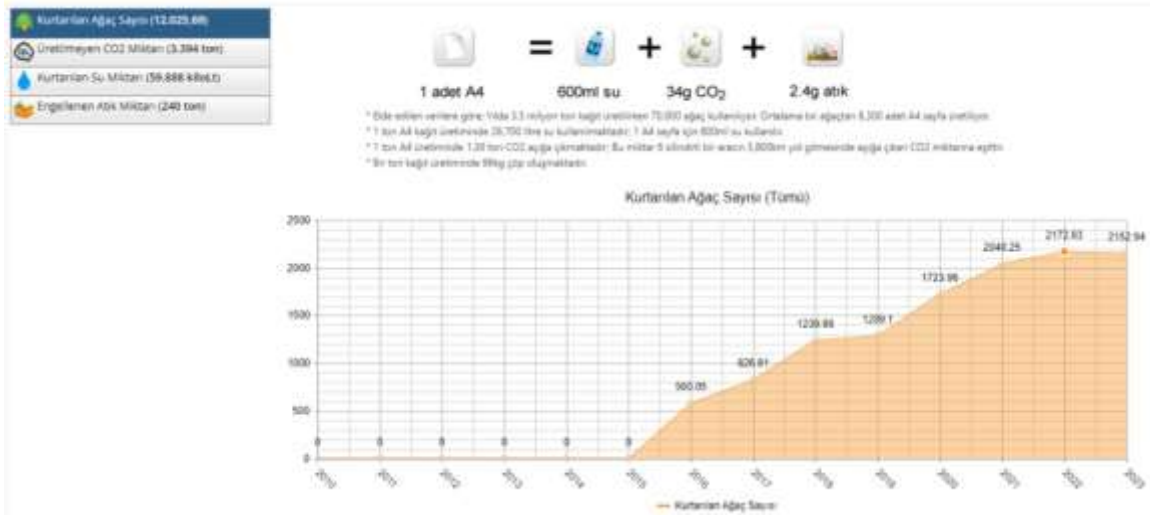


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2022 Prevented Greenhouse Gases Emissions and Saved Sources



The recovered tree = 12025 tree
Prevented CO₂ emission = 3394 metric ton
Amount of water recovered = 59888 kiloliters
The amount of waste reduced = 240 metric ton