



2023
Sustainability Report
SDG 12



**RESPONSIBLE PRODUCTION AND
CONSUMPTION**



LETTER FROM THE REPORT RECTOR

12



Ege University is a leading university, an example of the Turkish higher education system, which has received Turkey's first Institutional Full Accreditation Certificate and has the identity of a Student-Focused Research University.

Our University, with its 68-year deep-rooted history, strong academic staff, qualified scientific studies, distinguished students, and graduates, is to make a supreme effort to build a solid future for new generations by being sensitive to the realities of the world, our country and the society we live in. Ege University is a strong research institution with an entrepreneurship and innovation ecosystem where R&D, innovation, knowledge, and technology transfer take place between industry and university.

Ege University has adopted all the goals of eliminating inequalities, strengthening economic growth and employment, improving cities and residential areas, ensuring industrialization, protecting oceans and ecosystems, producing and consuming energy more sustainably, combating climate change, developing sustainable production and consumption, and empowering human rights. Our university operates within an adequate ultrastructure designable to implement all academic and operational activities within the SDGs framework.

We steadfastly persist in our pursuit of elevating Ege University into a vanguard research institution dedicated to pioneering technological advancements in support of sustainable development.

This report not only contains in-depth information about Ege University's remarkable efforts in each of the United Nations Sustainable Development Goals throughout 2023 but also reveals the key strategies of our institution. Moreover, it serves as a guiding compass, not only illuminating our efforts but also enabling a keener determination of our evolving needs and strategic plans.

In harmonious unity, we ardently endeavor to steer our institution towards a guiding and pioneering role by meticulously realizing our objectives through a management philosophy of fairness, equity, and accessibility.

I appreciate all my esteemed colleagues whose collective efforts have shaped this report.

With warm regards and respect..."

Prof. Dr. Necdet BUDAK
Rector



LETTER FROM THE REPORT TEAM

As the Sustainability Report Team, Ege University, we are proud and excited to present the third annual Sustainability Report of Ege University, one of Turkey's pioneering universities, prepared to concretize the University's commitment to sustainability and enable you to follow our sustainability-related efforts closely.

Sustainability lies at the heart of Ege University's main objectives. Besides, our university bears the responsibility of leaving a more livable world to future generations, and it emphasizes its determination to integrate sustainability principles in the fields of education, research, social contribution, and campus management. Over the years, Ege University has built a strong track record of offering sustainable solutions to address the challenges facing the university and society. In 2020, all these efforts culminated in establishing the Rankings Office. This move not only strengthened the university's commitment to sustainability but also led to the formation of sub-commissions focusing on various Sustainable Development Goals. These sub-working groups brought together academics and administrative staff from every faculty and the Rectorate, each contributing diverse perspectives and professional expertise.

What makes the Rankings Office even more dynamic is its inclusion of the Sustainability Report Team, which actively participates in all activities, thus enhancing the visibility of the office across the university.

Ege University aims to extend influence far beyond the boundaries of our institution. The EGE Sustainability Team seeks to be a trailblazer in instilling a culture of sustainability in other higher education institutions. Our Sustainability Team and its sub-working groups are going to serve as advisors to our university as well as to other universities, offering insights into Sustainable Development Goals and impact management. Furthermore, we are going to continue to be actively involved in educational initiatives that support schools on their sustainability journeys.

Beyond our campuses, we actively engage with local communities, businesses, and government entities to foster sustainable relationships, collaborate on solving common issues, and share our wealth of knowledge.

Ege University is unwavering in its commitment to the responsible management of resources to mitigate their impact on society, the environment, and the economy. This report offers a transparent and current source of information, providing valuable guidance to universities and stakeholders seeking to expand their knowledge on sustainability.

EGE University is actively dedicated to advancing sustainability through research, education, and innovation to become a leading institution in Turkey and worldwide. Our primary focus is on enhancing the accessibility, inclusivity, and affordability of our university for the benefit of our community. We cultivate positive partnerships with industry leaders to strengthen our engagement and ensure the use of environmentally sustainable practices that support innovation and research.

This report offers insight into EGE UNI's position in 2023 regarding enhancing sustainability in Turkey. We share our initiatives and commitments related to environmental, social, and economic sustainability, along with their corresponding impacts. We extend our gratitude to our sub-working groups, the Sustainability Report team, our dedicated students, EGE's esteemed academicians, and the Rectorate for their unwavering efforts this year to further our sustainable impact.

Our journey towards securing the sustainability of our world is an extensive and long way one. As the EGE Sustainability Team, we place our trust in the dedication of our university's staff and students to continue their improvements this year and sustain their endeavors well into the future.

We appreciate your interest in the Ege University Sustainability Report and eagerly welcome the feedback of our readers.

Assoc. Prof. Göknur ŞİŞMAN AYDIN
Coordinator of Sustainability Studies
Office of Institutional Development
Planning and Monitoring



RESPONSIBLE PRODUCTION AND CONSUMPTION

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POLICY FOR PURCHASING, TRANSFORMATION AND LOGISTICS

Ege University adopts the Sustainable Green Campus policy, which prioritizes environmental awareness in all the activities of the university, carries out environmental activities in this direction, and aims to make the concept of sustainability a life culture for its students and employees during and after the education and training period. According to the Sustainable Green University Strategic Plan published in 2016, Ege University is working to establish an environment-oriented management system that includes purchasing, transformation and logistics activities.

SUSTAINABLE PRODUCTION

FOOD AND MATERIAL PROCUREMENT PROCESS

Ege University has a reliable product and sustainable environment-oriented management system based on green supply chain principles in the food and material supply process, which includes purchasing, transformation and logistics activities, in order to meet the needs of students, academics and administrative staff according to Ethical Sourcing Policy Ege University carries out the procurement of non-food materials by the Administrative and Financial Affairs Department (IMI). Work flow plans published on the website of the Department of Administrative and Financial Affairs provide transparent information about how procurement processes are carried out.

Ege University has announced the policies it has developed to create a reliable product and sustainable environment-oriented management system based on green supply chain principles in the food and material supply process, including procurement, transformation and logistics activities, to meet the needs of students, academics and administrative staff with the 1st Sustainability Report. In terms of nutrition services, all production activities in Ege University campus are carried out in the main kitchen located in the central campus. Breakfast, lunch and dinner services are provided in our student cafeterias and lunch service is provided in our staff cafeterias. There are 3 student dining halls and 9 staff dining halls in the central campus.



Food safety in Ege University cafeterias meets ISO 22000 standards



Ege University presents the current situation, goals, indicators and action plans for the elimination of all forms of malnutrition, including data, analysis and recommendations on issues such as food insecurity, food loss and waste, food systems and biodiversity, according to its Ethical Sourcing Policy and Green Procurement Use Policy.

SUSTAINABLE PRODUCTS AND SERVICES PROVIDED BY EGE UNIVERSITY

Ege University, with its sustainable production approach and policy, utilizes the infrastructures in different units to produce sustainably and offers cheap and reliable food to the whole public. Production takes place at 3 different points. While plant production takes place in Menemen and Mordoğan farms, fish and fish products are sold to the public with the infrastructure of the Faculty of Fisheries.

Faculty of Agriculture - Menemen Research, Application and Production Farm

These products include vegetables, fruits, flowers, tomato paste, jam, tarhana, honey, some dairy products (yogurt, cheese, butter, kefir, etc.). Organic production of these products has begun. The Faculty of Agriculture's services for producers include the provision of breeding animals, quality seeds, seedlings, saplings and foliar fertilizers, as well as the transfer of information through various means.



Our products are available for the whole country from major e-shopping sites.

Faculty of Agriculture - Mordoğan Research, Application and Experiment Station



The products obtained as a result of production activities are offered to local people. The fruits and vegetables obtained are offered to the local people and to the people of Izmir at the Faculty of Agriculture sales points on campus.

There are olive, almond, pine, cypress, plum, peach and apricot trees on the land, as well as a collection vineyard. It is a gene bank in the field of vineyards and fruits. Artichokes, daffodils and hyacinths are also produced.

Faculty of Fisheries



The fish and fish products sold at the Faculty of Fisheries are ordered online with the principle of responsible production and waste is prevented.



Ege University is entitled to receive TS EN ISO 9001: 2015 Quality Certificate and TS EN ISO 14001:2015 Environmental Management System Certificate in 2023 within the scope of milk and bakery products production.

“Ege University Memorial Forest for the 100th Year of the Turkish Republic”

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Within the scope of the “Ege University Memorial Forest on the 100th Anniversary of the Republic” protocol signed between Ege University and the General Directorate of Forestry on November 10, 2023, 2000 saplings were planted on an area of 1.5 hectares.

EGE UNIVERSITY WASTE MANAGEMENT

Ege University implements an “Integrated Waste Management System” to ensure the environmentally safe disposal of hazardous wastes generated from educational, academic, research, and service activities according to Waste Management Regulation, Zero Waste Regulation and EU Hazardous Waste Regulation. In the approach of “Waste Management,” the “Leaf-Branch-Trunk” model is employed, encompassing processes from the point of waste generation to its environmentally sensitive disposal. “Waste Reduction” constitutes the backbone of our university’s Sustainable Green University policy, implemented since 2017.

As a result of waste management, Ege University has had a “Zero Waste Certificate” since 2020. Ege University organizes its waste management policy according to the Zero Waste Management hierarchy. Zero Waste Management follows this management sequence in order to achieve zero waste; Prevent- Reduce- Reuse- Recycle- Safely Disposal. Ege University became the first educational institution in İzmir to receive a “Zero-Waste Certificate” on a campus basis.





FOR A GREEN CAMPUS

What are the e-wastes?

- Computer, mouse etc.
- Small appliances
- Mobile phone, chargers, headphones
- Printer
- Radio etc.

Where can I dispose of my e-waste on campus?

Campus Metro exit
Faculty of Dentistry
EU Hospital entrance

You can throw your e-waste into red boxes at Mobile Waste Collection Centers.

JOIN TO RECYCLE

Organic Waste Management

• Garden and food waste is turned into compost and cat and dog food. (Grand Number: 1200991 TUBITAK; Composting Project by Agricultural Faculty; Potential of Innovative Compost as a Soil Additive: Evaluation in terms of Production Technology, Combating Climate Change, Soil Quality and Plant Development project)

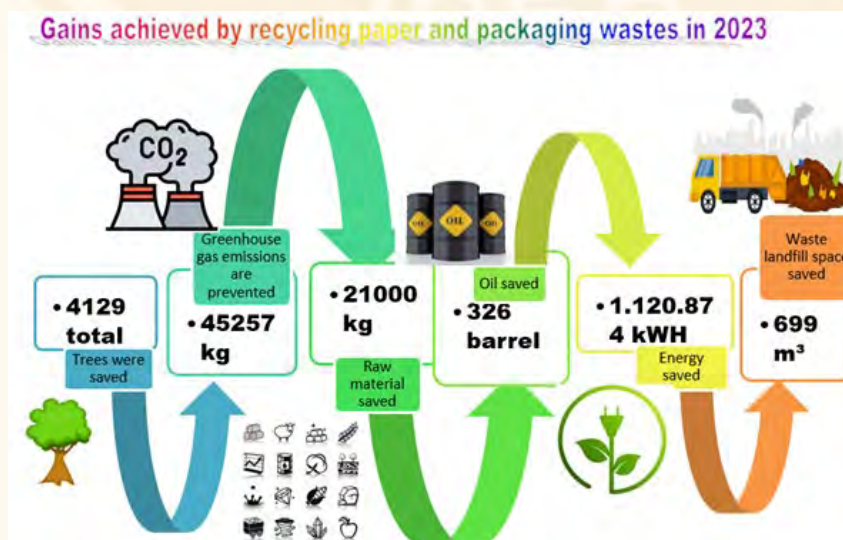
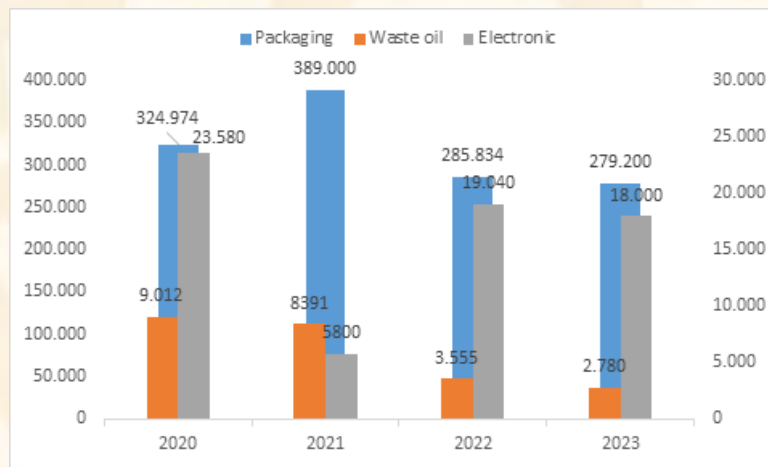
Packaging Waste Management

• Ege University maintains 6 waste boxes management. Glass, metal, plastic and paper waste are collected separately. In addition, non-recyclable waste bins and brown bins are used for organic waste.

Toxic Waste Management

• Toxic wastes are managed within the scope of the Hazardous Waste Directive.

Example of electronic waste policy of Ege University

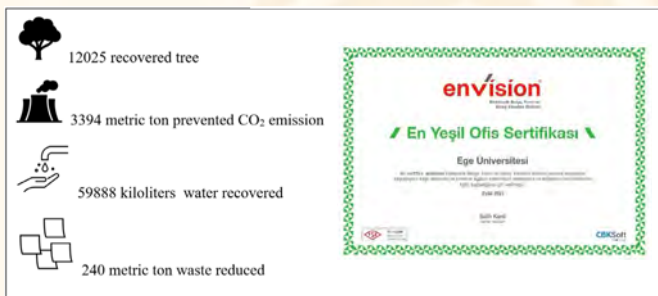




“Cooperation Protocol in the Field of Creating a Sustainable and Climate-Friendly Campus” was signed between the Council of Higher Education (YÖK) and the Ministry of Environment, Urbanization and Climate Change and the Ministry of Energy and Natural Resources. As a result of sustainable studies, it has become one of the 10 pilot universities where the protocol will be implemented.



ACTIVITIES FOR WASTE REDUCTION



Ege University adopts an environmentally sensitive approach for a sustainable future according to “Disposal Materials and Plastic Reduction Policy”. In this direction, the basic management policy of the university is the “Zero-Waste” approach, which aims to reduce the use of disposable



materials. With the Zero-Waste Certificate obtained in 2020, all wastes on campus are managed within the framework of regulations. Studies to reduce the use of plastic are also carried out within the scope of the “zero-waste” project.

Second Hand Room; open to the use of students and staff where they can exchange unused items with their needs. It is open for service in CEVMER.

“The artworks take a stance against consumerism”



With the aim of expressing their reactions and attitudes against consumerism in the works created, a magical material like paper became a guide for young designers of the future in their career journey.



Climate and Zero Waste Community designed a new year tree from waste papers





Reusing waste for different purposes - some examples

AWARENESS

Ege University wants to keep zero waste awareness alive through awareness-raising activities.



250 activities

1000 participants



Ege University Organizes Public Seminars on Different Environmental Topics Every Thursday in Academic Periods





It is aimed to raise awareness of students, staff and the public by celebrating special environmental days.



“World Environment Day” activities are organized to raise environmental awareness.



CERTIFICATES OF EGE UNIVERSITY

TS EN ISO 14001:2015 ENVIRONMENTAL MANAGEMENT SYSTEM



All academic and administrative units of Ege University have been awarded “TS EN ISO 14001:2015 Environmental Management System and TS EN ISO 9001:2015 Quality Management System” certificates. It was registered that the academic units consisting of 19 faculties, 9 institutes, 41 research and application centers, 3 colleges, 11 vocational schools, and all administrative organizations affiliated to the Rectorate of Ege University and all internal and external work and service flow processes are in international quality standards.

Ege University has become the greenest and most sustainable university in the Aegean Region, ranking 96th out of 183 universities in the world, 4th among public universities in Türkiye, and first in the Aegean Region.



SCIENTIFIC PROJECT



TUBITAK Grant No. 123M277 "Improvement of Performance Properties of Single Jersey Fabrics with Recycled Cotton Content by Enzymatic Treatment", the focus is on improving the performance of fabrics containing recycled cotton fiber at different rates by enzymatic treatment.



TUBITAK Grant No: 121Y488 "Environmental Impact Assessment and Spatial Modeling of Biogas Plant within the Scope of Sustainable Waste Management"; the aim of this project is to investigate the LCA of converting the wastes into bioenergy with a biogas plant within the scope of environmental sustainability.





THE Impact Rankings Methodology 2025 & GRI Index Matrix

THE	Impact Rankings Methodology 2025 Version 1.1	GRI	Disclosure	Reported	Page
12.1	Research on responsible consumption and production			Fully	
12.2	Operational measures			Fully	1-6
12.2.1	Ethical sourcing policy Have a policy on ethical sourcing of food and supplies	GRI 306: Waste 2020	306-2 Management of significant waste related impacts	Fully	1
12.2.3	Policy waste disposal-hazardous materials Have a policy, process or practice on waste disposal - Covering hazardous materials		306-2 Management of significant waste related impacts	Fully	3-4
12.2.4	Policy waste disposal - landfill policy Have a policy on waste disposal - to measure the amount of waste sent to landfill and recycled		306-3 Waste generated	Fully	3-4
12.2.5	Policy for minimisation of plastic use Have policies around use minimisation of plastic		306-2 Management of significant waste related impacts	Fully	5-6
12.2.6	Policy for minimisation of disposable items Have policies around use minimisation of disposable items		306-2 Management of significant waste related impacts	Fully	5-6
12.2.7	Disposable policy: extensions to services Ensuring these policies extend to outsourced services and the supply chain		306-2 Management of significant waste related impacts	Fully	1-2
12.2.8	Minimisation policies extended to suppliers Ensuring these policies extend to outsourced suppliers and the supply chain - (suppliers of equipment, stationary, building contracts)?		306-2 Management of significant waste related impacts	Fully	1-2
12.3	Proportion of recycled waste				Fully
12.3.1	Waste tracking Measure the amount of waste generated and recycled across the university	GRI 306: Waste 2020	306-4 Waste diverted from disposal	Fully	4
12.3.2	Proportion of waste recycled		306-4 Waste diverted from disposal	Fully	4
	Amount of waste generated		306-3 Waste generated	Fully	4
	Amount of waste recycled		306-4 Waste diverted from disposal	Fully	4
	Amount of waste sent to landfill		306-5 Waste directed to disposal	Fully	4
12.4	Publication of a sustainability report			Fully	
12.4.1	Publication of a sustainability report	GRI 2: General Disclosures 2021	2-3 Reporting period, frequency and contact point 2-4 Restatements of information 2-18 Evaluation of the performance of the highest governance body 2-22 Statement on sustainable development strategy	Fully	1-8





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