



— ISTANBUL —
OKAN UNIVERSITY

MAKING THE WORLD A BETTER PLACE:

A Report On Our Progress with the
17 Sustainable Development Goals
SDG 13 – CLIMATE ACTION



The 17 Sustainable Development Goals

The Sustainable Development Goals (SDGs), also known as Global Goals, are a set of 17 integrated and interrelated goals to end poverty, protect the planet and ensure that humanity enjoys peace and prosperity.



THE GLOBAL GOALS





Introduction

Aim of this report presenting the sustainability achievement of OKAN in 2022 for SDG 13. The report introduces the general practices and policies of the university on sustainability.

"Take urgent action to combat climate change and its impacts"

Universities have a critical role to play in addressing SDG 13 by conducting research, education, advocacy, and sustainable practices that combat climate change and its impacts. Their efforts can contribute significantly to a more sustainable and resilient future for our planet.

SDG 13: Take urgent action to combat climate change and its impacts

Istanbul Okan University, which educates individuals who contribute to the needs of society and national competitiveness and conducts education, training and research studies at an international level, has the mission of implementing innovative ideas and practices.

It aims to offer all its employees and students an environment with low carbon intensity, a high quality of life that protects the existing ecosystem, supports biodiversity, and ensures environmental sustainability by preventing air, water and soil pollution.

With this vision and purpose, our university aims to ensure a healthy and quality life by protecting human and environmental health.



SDG 13: Targets

Goal 13.1:

To reduce carbon emissions by half by 2030 and to zero by 2050 and to create a road map for this purpose.

Goal 13.5:

To create policies aimed at reducing greenhouse gas emissions and choosing resilient practices in the face of disasters, especially in procurement processes and activities such as purchasing, construction and service procurement.

Goal 13.2:

To design its activities and processes in a way that protects the natural life, soil, water, air, vegetation and biodiversity on the campus, taking into account their effects on climate change.

Goal 13.6:

To contribute to increasing individual awareness and institutional capacities on the prevention of climate change and mitigation of its effects, adaptation to climate change and early warning.

Goal 13.3:

To develop national and international cooperation and projects in order to strengthen resilience and adaptation capacity against climate change-related hazards and natural disasters.

Goal 13.7:

To prevent possible waste-related disasters by reducing waste-related emissions and reducing the effects of waste on climate change.

Goal 13.4:

To contribute to reducing emissions from energy and transportation.



SDG 13: Indicators

Indicator 13.1: The number of regulations made in OKAN activities to reduce greenhouse gas emissions and choose resilient practices in the face of disasters.

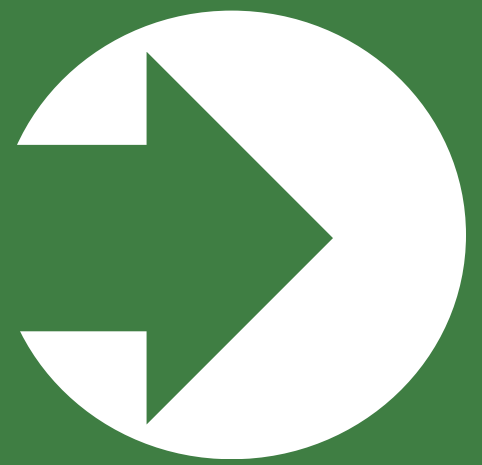
Indicator 13.2: Number of courses given on mitigation, adaptation, impact mitigation and early warning within the scope of climate change.

Indicator 13.3: Number of collaborations and projects developed on adaptation, mitigation and technology transfer.

Indicator 13.4: Number of information, awareness and events organized for staff, students and other stakeholders on campus.

Indicator 13.5: Number of training, information, awareness and events held outside the institution.

Indicator 13.6: Participation in national and international organizations and the number of publications on the subject.



SDG 13: Climate Action

Zero Waste in OKAN

"Zero Waste" is an approach to resource and waste management based on circularity. It promotes sustainable production and consumption habits and encourages the efficient use of resources. Zero waste entails avoiding wastefulness and advocating for the prevention, reduction, reuse, and recycling of waste. This can help achieve positive socio-economic outcomes, including the development of social solidarity.

As Istanbul Okan University, we also support the Zero Waste project, which was launched by the Ministry of Environment and Urbanization of the Republic of Turkey in June 2017, within the framework of sustainable development principles, in order to control waste and leave a clean, developed and livable world to future generations.

Istanbul Okan University, which established a Zero Waste Management System in accordance with the Zero Waste Regulation, which came into force after being published in the Official Gazette dated 12 July 2019 and numbered 30829, was entitled to receive a Zero Waste Certificate on 18 January 2021 with this initiative.



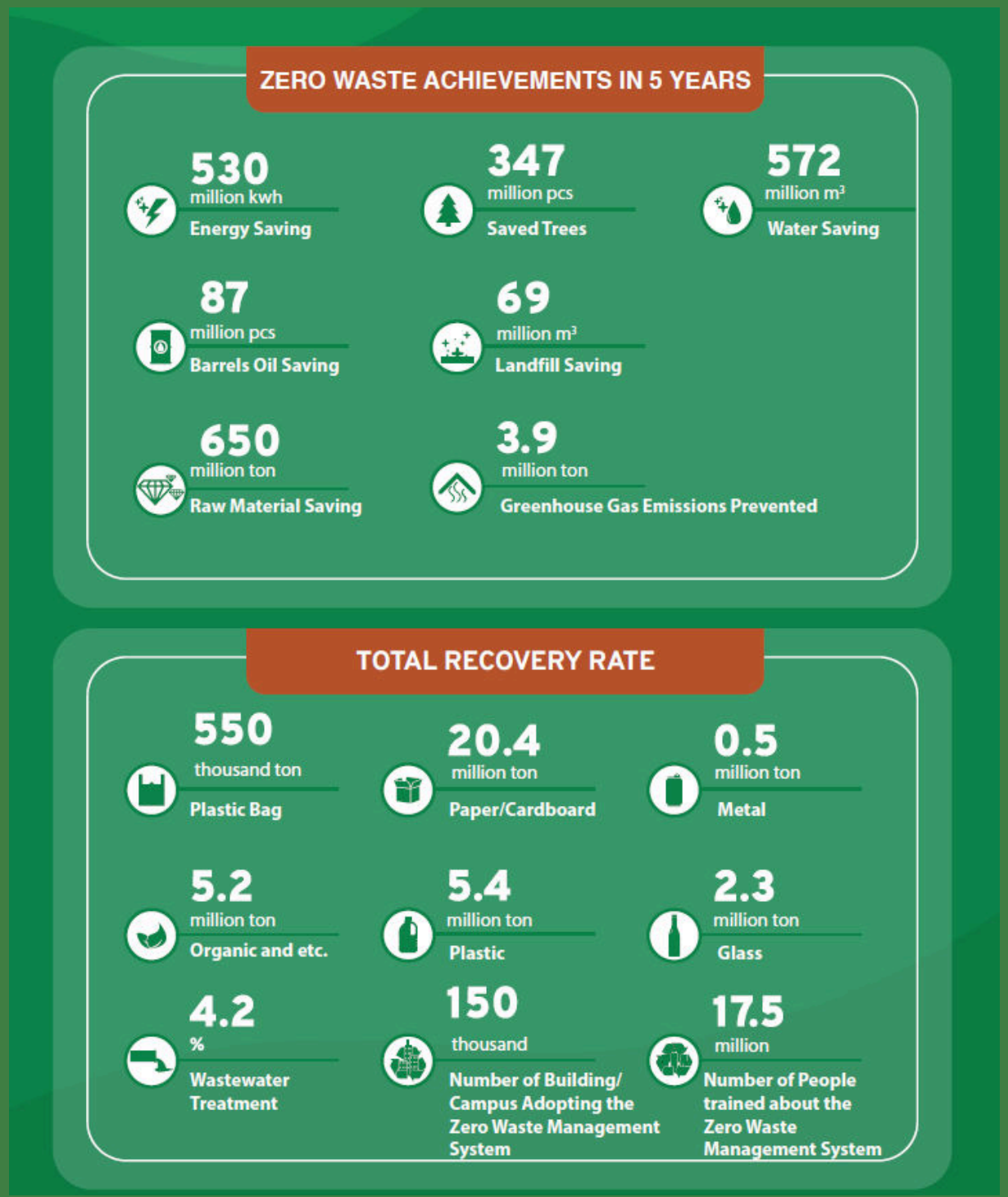
SDG 13: Climate Action

Zero Waste in Turkey

Türkiye, which is one of the rare countries surrounded by seas on three sides by its location and lives four seasons in a year, is also located at the junction point of important continents such as Asia, Europe and Africa. In this respect, Türkiye not only accommodates the important trade and energy corridors, but also has a rich biodiversity including endemic species.

Beyond that, it also hosted many civilisations that shaped the history, as well as various great historical and cultural wealth due to its location in the lands of Mesopotamia which is a pioneer in the development of modern cities. However, this location, which offers great geographical advantages, contains also one of the areas mostly affected by today's main problem of climate change, the Mediterranean Basin. All these aspects demonstrate the importance of the environment, nature and ecological development in our country.

We have always respected the culture, environment and nature in the lands we lived as numerous Turkish states that guided the history, and we have become a nation that has acted with the awareness that nature is not only the common living space of people, but of all living things. Besides the dark age experienced in many geographies, we issued imperial orders for the protection of our environment, plants and animals which are considered as the silent servants of the Creator, and for the utilisation of them with a certain proportion and balance, and we adopted the way of benefiting from nature and animals within this proportionality (Sunar, 2015:<https://www.academia.edu/24280311/>).



SDG 13: Climate Action

Biodiversity and Protection and Sustainable Use of Ecosystems Policy

Istanbul Okan University is a world university focused on the ideal of serving the development of people and humanity, respecting the Sustainable Development Goals and adopting continuous development as a principle.

Istanbul Okan University students have adopted the principle of supporting the protection, development and sustainable use of natural and artificial ecosystems on their campuses, preventing biodiversity loss, stopping and restoring land degradation, and sustainably managing the marine and coastal ecosystems with which Istanbul Okan University campuses are associated and protecting them from pollution.

With this policy, it is aimed to take into account the natural and artificial ecosystems on the campuses of Istanbul Okan University and the legal, administrative and technical principles regarding the planning and implementation of biodiversity on the campuses.



The image shows the cover of a policy document titled "Biodiversity and Protection and Sustainable Use of Ecosystems Policy" from Istanbul Okan University. The cover features the university's logo and a decorative green and white geometric pattern in the corners. The text on the cover includes the university's name, the title of the policy, and a brief introduction. At the bottom, it lists the document code, publish date, revision date, and revision number.

ISTANBUL OKAN ÜNİVERSİTESİ

Biodiversity and Protection and Sustainable Use of Ecosystems Policy

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The main legal frameworks, external academic standards and external reference points used to ensure the Conservation and Sustainable Use of Biodiversity and Ecosystems in accordance with this policy are as follows:

- "Land Hunting Law No. 4915 published in the Official Gazette No. 25165 dated 11 July 2003."
- "Environmental Law No. 2872 published in the Official Gazette No. 18132 dated 11 August 1983"
- "United Nations Convention on Biological Diversity to which the Republic of Turkey is a member."
- "Convention on the Conservation of European Wildlife and Natural Habitats."

Document Code: PO.SÜR.004 Publish Date: 05.12.202 Rev. Date: Rev. No: 0



SDG 13: Publications

7 Publications has been published until 2022 related to SDG 13

Dai, X., Aydın, S., Yardımcı, M.Y. and 2 more (...) (2022). Rheology and microstructure of alkali-activated slag cements produced with silica fume activator. *Cement and Concrete Composites*, 125

Dai, X., Aydın, S., Yardımcı, M.Y. and 2 more (...) (2021). Effect of $Ca(OH)_2$ addition on the engineering properties of sodium sulfate activated slag. *Materials*, 14(15)

Pala, A. (2020). Energy and economic growth in G20 countries: Panel cointegration analysis. *Economics and Business Letters*, 9(2) 56-72

Yaşar, N., Telatar, M.E. (2018). The relationship between foreign direct investment and CO₂ emissions across a panel of countries. *Energy Economy, Finance and Geostrategy*, 157-169

Kivanç, Ö.C., Akgün, B.T., Bilgen, S. and 3 more (...) (2022). Residential energy management system based on integration of fuzzy logic and simulated annealing. *Turkish Journal of Electrical Engineering and Computer Sciences*, 30(4) 1539-1554

Bostancı, S.H. (2018). Sustainability strategies and projects of Turkish Municipalities. *E-Planning and Collaboration: Concepts, Methodologies, Tools, and Applications*, 3-31575-1592

Yalkı, İ. (2021). Climate Change as a New Dimension of the Economic Discrimination. *Challenging Discrimination in Different Areas: Turkey*, 97-112

Source: SciVal



SDG 13: What Have We Done?



Spor Yönetiminin İklim Krizi ve Sürdürülebilir Geleceğe Etkisi

Seçkin Renklibay
Türkiye Yüzme Federasyonu Genel Sekreteri

Tarih: 16 Mart 2022, Çarşamba
Saat: 16.00-17.30
Link: <https://bit.ly/3hTLDvw>
Düzenleyen: ÜBF/Spor Yöneticiliği Bölümü
- Herkesin katılımına açıktır.
- Disiplinlerarası Seminer Dersi kapsamındadır.


İSTANBUL OKAN ÜNİVERSİTESİ

The Impact of Sports Management on the Climate Crisis and Sustainable Future



5th National Polar Sciences Workshop



