

12. Responsible Consumption and Production



Scholarly Output:
52



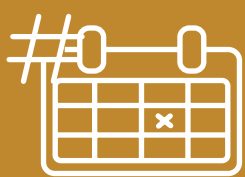
International Collaboration:
17



Field-weighted Citation Impact:
0.95



Number of Current Projects:
2



Number of Annual Events:
52

1.

Waste Management of ÖzU Campus

In 2022, the total waste at the campus was 176.991 kg, 58% of this waste is recyclable, 40% is organic waste and 2% is hazardous waste. Apart from the packaging wastes and garbage that are routinely given to the municipality, hazardous waste and other waste are given for disposal and recycling in return for a fee. A total of 25 trucks of waste were transported and disposed of. By generating income from waste instead of spending waste with the principle of polluter pays, while the cost of the expenditure was covered, an extra 52,116.60 TL corporate profit was achieved.



**REDUCE
REUSE
RECYCLE**

**Be Responsible, Keep
E-Waste Out of Trash Can**



2.

Electronic Waste Management at ÖzU

At Özyegin University, we recently developed a comprehensive **electronic waste management plan** based on the 3R (Reduce, Reuse, Recycle) approach in alignment with environmental legislation and the **ISO 14001 Environmental Management System Standard**. The plan includes the following items.

1. Awareness and Training: One of our fundamental principles is to raise awareness among all stakeholders. We regularly conduct training sessions and announcements to educate students, faculty, administrative staff, and the entire university community about the importance of responsible electronic waste management.

2. Electronic Devices Usage: We provide laptops to all of our academicians and administrative staff, totaling 502 faculty and 350 administrative staff members. To reduce electronic waste, we operate on a 6-year laptop replacement cycle. When laptops are replaced, their old components are carefully evaluated for reusability. This practice not only minimizes electronic waste but also results in substantial cost savings.

In 2022, we retired 146 computers, and 144 of these were repurposed and found new uses. This approach not only minimizes electronic waste but also contributes a significant financial value of 150,000 Turkish Lira.

3. “ToplaGel” waste collecting application

Elif Bilge Gürgür, a junior Industrial Engineering student at ÖZÜ and founder of the startup “ToplaGel”, came in first with her teammates at the Turkey Red Bull Basement Program. The aim of this startup is to collect waste and deliver it to the best places. The people working for ToplaGel will come to the people’s doors, collect the waste and give out some gift cards, etc. depending on the amount of waste.

4. “Turkey & Europe: An Integrated Service-Device-Technology Roadmapping for Smart and Green Cities Alliances” Project

TÜSİAD, alongside its Project Partners Institut du Bosphore, TÜRKONFED, Berlin Bosphorus Initiative, Özyegin University and ÖZÜ – TÜSİAD Sustainable Development Forum is implementing an interactive dialogue platform entitled “Turkey & Europe: An Integrated Service-Device-Technology Roadmapping for Smart and Green Cities Alliances”.

This project brings together through virtual meetings the representatives of 9 European and Turkish pilot cities – namely İstanbul, İzmir, Gaziantep, Konya, Ankara, London, Paris, Berlin, and Utrecht-, the ministries and various key stakeholders to explore how a connected green & smart ecosystem can meet the challenges of the future. A roadmap for an integrated service – device – technology for smart and green cities will be devised based on the interactive discussions.

**Turkey and Europe
An Integrated Service-Device-Technology
Roadmapping Project for Green and
Smart City Alliances**

STAKEHOLDERS MEETINGS

- DATA MANAGEMENT IN GREEN AND SMART CITIES**
13 JANUARY 2022
- ACCESS TO FINANCE IN GREEN AND SMART CITIES**
31 JANUARY 2022
- DISASTER - RISK MANAGEMENT IN GREEN AND SMART CITIES**
16 FEBRUARY 2022



5. Let’s Do It

At Özyegin University, we actively participated in the global clean-up initiative, “Let’s Do It,” in celebration of **World Cleanup Day** on September 16.

“Let’s Do It” unites individuals and organizations at over **350 clean-up** sites across Turkey on September 16 with the shared goal of making our world cleaner and brighter. The initiative not only makes a tangible impact on the clean environment but also opens doors to a series of events designed to promote environmental awareness and sustainability within our society.

As a token of our appreciation to our stakeholders who actively partake in the cleanup initiative, we offered access to the “waste” workshops to be orchestrated as part of the “**ATTUNE (Activate the University for Climate Change)**” project, in which our University stands as one of the global partners representing Turkey. An employee and a student with the most successful projects will have the honor of representing ÖZÜ at the award ceremony in Germany.

6. Ozyegin Ecology Club- SWAP DAY

ÖZÜ **Ecology Club** regularly organizes swap days with the idea as with every product we use, the transformation journey, “**review your needs, let go, reuse, repurpose, and recycle,**” is applicable to our clothes, accessories, and household items.