



**12** RESPONSIBLE  
CONSUMPTION  
AND PRODUCTION



**Ensure sustainable  
consumption and  
production  
patterns**





## Inorganic Waste Treatment

The main sources of waste at TSUULL include the university canteen, coffee shops, buffets, classrooms, offices, and dormitories. Waste separation is the first step in waste treatment, with containers placed across campus and ongoing training for the university community. Waste is collected daily and manually sorted into aluminum cans, plastic bottles, glass bottles, cardboard, and paper to ensure recyclables are separated from general waste. The university's Sustainability Office manages the recycling process by selling these materials to local companies.

# Toxic Waste Treatment

At TSUULL, most toxic waste is electrical, primarily from the Sustainable Practices Office, which conducts research on sustainability and climate change. This waste mainly consists of out-of-order computers and batteries, generated in small quantities. TSUULL sustainably manages all toxic waste on its campuses. Collected e-waste is stored separately before being sent to the 'DIY' laboratory at the Akkurgan campus, where students, under expert supervision, repair and repurpose broken electronic components. This approach helps save university funds. Chemicals from the Sustainable Practices Office are regularly transferred to the City Waste Collection unit for safe handling.

A row of four recycling bins. From left to right: a green bin with a 'No Littering' symbol, a red bin labeled 'PLASTIC' with a recycling symbol, a blue bin labeled 'PAPER' with a recycling symbol, and a yellow bin labeled 'CANS' with a recycling symbol. The bins are set against a background of green foliage.



# We ensure that TSUULL people have awareness for sustainable lifestyles in harmony with nature

## Environmental sustainability

20 January, **Stefano Battain and Daniela Biocca** shared their first-hand experiences with sustainability from their 2015 round-the-world trip, during which they visited 20 countries and engaged with local communities and civil society organizations focused on sustainable agriculture. In their lecture, they highlighted various projects promoting agro-ecology, permaculture, aquaponics, and organic techniques that protect land, water, culture, and biodiversity. They emphasized the importance of fostering socio-environmental justice and climate justice, offering solutions for communities to regain control over food production while considering environmental and social impacts.

## Transforming Waste

14 October, TSUULL University organized events like public talks and panel discussions to promote Sustainable Development Goal 12, focusing on responsible consumption and production. The panel on **Waste-To-Energy Development** emphasized innovative approaches to waste conversion into green energy, enhancing students' knowledge of organic waste disposal and management. The engaging session featured discussions on automation as a solution to improve productivity, reduce costs, and enhance sustainability in waste management. TSUULL thanks the speakers for their informative contributions and interactive approach.

## Eco-Workshop on Waste Reduction and recycling

21 September, University is dedicated to advancing sustainability in line with the UN Sustainable Development Goals. To support this, we hosted a workshop featuring Said Isaev, an eco-activist from Uzbekistan known for pioneering plastic recycling and promoting recycling education in Tashkent. During the workshop, students learned about waste reduction and practical ways to make a difference. Participants left with upcycled objects, reinforcing the message of recycling's importance. **Prof. Dr. Nozliya Normurodova** emphasized that this initiative encourages the entire TSUULL community to engage in recycling efforts both on campus and at home.







“Our goal is not only to enhance the knowledge of our students regarding recycling, but also to teach them how to utilize resources efficiently in their local environment and adopt the practice of recycling as a habit.”

**Lucy Aysayeva**



TSUULL has organized "Don't litter" challenge and encouraged students to stick warning signs where they are mostly needed. The areas near the canteen, toilet and the dormitory were set the warning sign by the students of TSUULL. Student found creative way to encourage not only members of university but also the local people around. They stuck the signs on the trees of the city where a lot of litter is detected.

## Promoting Sustainability:

### **TSUULL'S "DON'T LITTER CHALLENGE AND RECYCLING INITIATIVE"**



A symbol like this stands within the university, through which we encourage our students to engage in recycling. This serves as a visual reminder and motivation for them to adopt recycling practices and contribute to a more sustainable environment.