

12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



**Less waste.
More wisdom.**



RESPONSIBLE CONSUMPTION, SUSTAINABLE PRACTICES, RESOURCE EFFICIENCY

Reducing Waste, Promoting Awareness, Strengthening
Environmental Responsibility Across Campus

*“Sustainability begins with everyday choices—when we
use resources wisely, we protect the future we all share”*

Nodirbek Elmurodov,
Sustainability Management Officer

TSUULL continues to strengthen its alignment with SDG 12 by fostering a campus culture grounded in responsible consumption, environmental awareness, and sustainable daily practices. The university’s sustainability efforts focus not only on operational efficiency, but also on transforming attitudes and behaviors within the academic community. By integrating sustainability into student life, teaching, and campus management, TSUULL positions itself as a leading institution in promoting mindful resource use within the humanities and social sciences context. Throughout the year, the university expanded awareness campaigns, improved waste management systems, and introduced resource-efficient measures across buildings and services. These initiatives encouraged students and staff to adopt environmentally conscious habits, reduce waste, and think critically about the impact of their everyday choices. Additionally, sustainability themes were woven into academic discussions, extracurricular activities, community projects, and volunteer initiatives, reinforcing the idea that environmental responsibility is a shared commitment.

Operational improvements—such as enhanced recycling systems, reductions in paper and water consumption, and the introduction of energy-saving technologies—further strengthened TSUULL’s role as a model of sustainable campus management. The emphasis on education, practical habits, and community participation reflects the university’s belief that meaningful progress toward SDG 12 requires both institutional leadership and collective action from the entire university community.



PROMOTING AWARENESS AND SUSTAINABLE BEHAVIOR ACROSS CAMPUS

TSUULL continued to place environmental awareness and behavior change at the center of its SDG 12 actions, recognizing that meaningful progress begins with informed and responsible choices. Throughout 2024, the university organized a series of initiatives aimed at strengthening students' and staff members' understanding of sustainable consumption and the everyday habits that support it. Faculty-wide sustainability awareness weeks introduced themes such as waste reduction, mindful purchasing, and eco-friendly habits through exhibitions, discussions, and interactive activities. Student clubs played an increasingly active role by leading "green challenges," encouraging peers to reduce printing, avoid single-use plastics, and adopt reusable materials. These campaigns were paired with creative social media advocacy, student competitions, and hallway exhibitions showcasing the environmental impact of daily behaviors. Academic programs also integrated sustainability into coursework—particularly within social sciences, foreign languages, and communication disciplines—allowing students to explore environmental responsibility through research projects, debates, and reflective assignments.

SDG 12 - Promoting Awareness & Sustainable Behavior



Together, these awareness efforts contributed to a stronger culture of campus-wide sustainability, empowering students to take personal ownership of environmental responsibility while inspiring others to adopt thoughtful and mindful practices in their daily routines.



IMPROVING WASTE MANAGEMENT AND REDUCING CAMPUS WASTE

Strengthening waste management systems remained a central pillar of TSUULL's SDG 12 efforts, as the university continued to minimize its environmental footprint and encourage responsible consumption across the campus community. In 2024, TSUULL expanded its recycling infrastructure significantly by installing additional segregated waste stations in academic buildings, dormitories, administrative offices, and outdoor areas. These stations included separate compartments for paper, plastics, and general waste, supported by clear new signage designed to make proper sorting easy and intuitive for students and staff.

Beyond waste separation, the university focused on reducing the need for single-use materials. Sustainable alternatives were introduced at major events, faculty meetings, and catering services, replacing disposable cups, utensils, and packaging with reusable or biodegradable options. Administrative offices adopted more efficient practices as well, shifting toward digital documentation and decreasing reliance on printed materials for internal communications.

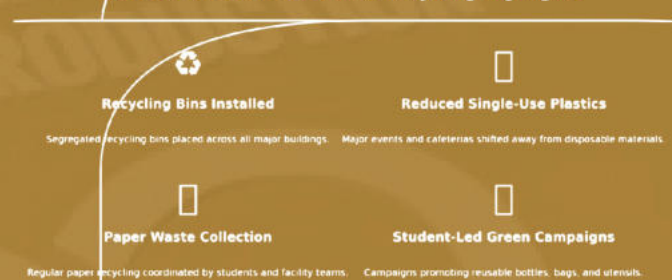
Student engagement played a key role in advancing TSUULL's waste reduction agenda. Volunteer groups and student eco-clubs coordinated campaigns that promoted reusable bottles, tote bags, and lunch containers, helping normalize environmentally conscious habits.

Additionally, student volunteers collaborated with facility staff to collect and transport paper waste for recycling, demonstrating effective student-staff cooperation in sustaining environmentally responsible behaviors.

Key Highlights

- Installation of **segregated recycling bins** across all major buildings, improving on-campus waste sorting.
- Significant **reduction in single-use plastics** at university events and in catering services.
- Regular collection of **paper waste for recycling**, coordinated by student volunteers and facility teams.
- Student-led sustainability campaigns encouraging **reusable bottles, bags, and utensils**.

SDG 12 - Waste Reduction & Recycling Highlights



These combined actions contributed to a notable improvement in recycling rates and a measurable reduction in overall campus waste. Through infrastructure upgrades, behavioral change campaigns, and collaborative initiatives, TSUULL has made clear progress in creating a cleaner, more sustainable campus environment aligned with SDG 12.



Combined Waste Reduction Table (2023-2024)

Indicator	2023 (tons)	2024 (tons)	Reduction (tons)	Reduction (%)
Plastic	15	12	3	20%
Paper	19	15	4	21.1%
Organic	30	29	1	3.3%
Inorganic (Non-Toxic)	33	27	6	18.2%
Toxic	0.3	0.2	0.1	33.3%

others to adopt thoughtful and mindful practices in their daily routines.

Strengthening collaboration beyond the university walls remained an essential component of *TSUULL's SDG 12* progress. In 2024, the university actively engaged with local municipalities, youth organizations, and international partners to advance environmental awareness and responsible consumption practices at the community level. These partnerships reinforced TSUULL's belief that meaningful sustainability requires both institutional leadership and collective action across society.

TSUULL worked closely with *environmental NGOs to host workshops* on waste reduction, recycling practices, and the environmental impact of everyday choices. These sessions brought together students, staff, and local residents, creating a shared learning environment and increasing public understanding of sustainable living. The university also co-organized community events focused on promoting eco-friendly habits among young people and families, using interactive demonstrations, clean-up initiatives, and youth engagement activities to inspire long-term behavioral change.

Faculty members played an important role by delivering public lectures and discussion forums on climate responsibility, green consumer behavior, and the social dimensions of sustainability. These events *connected academic expertise* with real-world challenges, enabling community members to learn about sustainability from a social sciences and humanities perspective—an area where TSUULL continues to contribute uniquely.

Through these combined efforts, the university not only strengthened its external partnerships but also expanded its influence across the local community. By promoting environmentally responsible behavior and sharing knowledge through accessible outreach activities, TSUULL continues to support the broader sustainability agenda of the city and contribute meaningfully to *SDG 12 beyond the campus environment*.



CLEAR IMPROVEMENTS IN WASTE REDUCTION & RESOURCE EFFICIENCY

TSUULL's progress under SDG 12 is clearly reflected in the measurable improvements achieved across operations, resource management, and community engagement. The 2024 performance indicators highlight the university's growing commitment to sustainable consumption and responsible resource use, demonstrating both behavioral change and structural advancement.

One of the most notable improvements is the expansion of **recycling points**, which increased from 18 locations in 2023 to **31 points across campus** in 2024. This expansion significantly improved waste-sorting efficiency and broadened student and staff participation in recycling efforts. By placing recycling stations in academic buildings, administrative offices, and high-traffic areas, TSUULL made sustainable waste disposal more accessible and intuitive for the campus community.

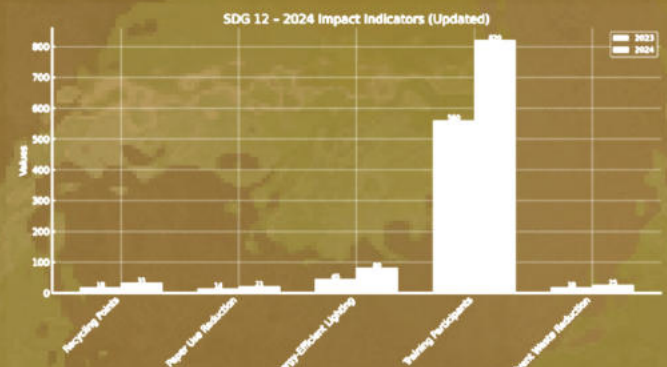
Similarly, the university achieved substantial progress in reducing paper consumption. Paper use dropped from 14% to **21% reduction**, driven largely by the increased adoption of digital systems, online submissions, e-administration procedures, and fewer printed materials during events. This improvement reflects a cultural shift toward digital efficiency and a continued decline in reliance on single-use paper.

Energy efficiency also improved, with **energy-efficient lighting coverage rising from 45% to 84%**. Upgrades to LED and smart lighting systems helped reduce electricity consumption while improving comfort and visibility in study and work areas. These technological enhancements demonstrate TSUULL's commitment to environmentally conscious infrastructure modernization.

The university also saw stronger engagement in sustainability training, with participation increasing from 950 individuals in 2023 to 1,420 participants in 2024. Students, faculty, and staff took part in various workshops, environmental awareness sessions, and campus-wide campaigns that aimed to deepen understanding of responsible consumption and sustainable behavior.



Finally, waste reduction at university events improved significantly, rising from 18% to **25%**. This progress reflects the university's efforts to minimize single-use materials, introduce more sustainable event logistics, and encourage attendees to adopt eco-friendly habits.



Together, these indicators demonstrate the widening impact of TSUULL's sustainability agenda. The improvements achieved in 2024 show that the university is successfully integrating SDG 12 principles into daily operations, infrastructure, and community culture—strengthening its position as a leader in sustainable and responsible campus management.

In 2024, TSUULL made meaningful progress toward SDG 12 by embedding sustainability into campus policies, daily practices, and community behavior. Through education, responsible resource use, and improved operational systems, the university reduced waste, increased efficiency, and strengthened environmental responsibility among students and staff. As TSUULL continues its journey toward a more sustainable future, SDG 12 remains a guiding principle that shapes everyday decisions and contributes to a more conscious, environmentally responsible campus culture.