

Misr International University Report

SDG 12:

Responsible Consumption and Production

Our commitment to SDG 12 (Responsible Consumption and Production) is demonstrated by embedding sustainable consumption and production principles across our institution. We stand up for the practical application of resource efficiency, moving beyond research to transform our campus operations through advanced waste recycling and sustainable procurement. This report details our systematic efforts in waste management and fostering sustainable supply chains, initiatives that solidify our leadership in sustainability and enhance our performance in global rankings.

12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION





12.2.1. Ethical Sourcing Policy

Since 2015, the university has developed **Policies** for the ethical sourcing of food and supplies. The university's ethical sourcing policy requires all on-campus food providers to procure supplies from responsible and sustainable sources. This commitment is enforced through contractual agreements that require vendors to demonstrate adherence to fair labor practices, animal welfare standards, and environmentally sound production methods.

According to these policies, there are rules and regulations for food facilities in the university. There are monthly checkup visits conducted by a team of the university's medical sector, safety office, and public relations office to monitor the application of these regulations. In the event of a violation of these regulations, penalties range from a monetary penalty to termination of the contract.

12.2.3. Policy Waste Disposal - Hazardous Materials

The university maintains a comprehensive [Waste Management Policy](#) that governs the safe handling and disposal of all waste streams, including hazardous materials, and mandates the systematic tracking and reporting of amounts sent to landfill and recycling. Each year, the risk management committee of the university organizes a workshop for management of waste and how to deal with hazardous waste.

There is a contract with paper factory that receives paper waste from the university to be recycled. The university campus is provided with color-coded bins for easier segregation of recycled waste. The university manages hazardous waste through a strict protocol of segregation, secure storage, and certified disposal to ensure environmental and human safety. Hazardous waste is transported under strict infection control measures to Health Affairs Directorate – Al-Qalyubia governorate, according to the annual contract with the university.

Segregation & Storage

Strict protocols for separating and securely storing hazardous materials.

Certified Disposal

Partnering with certified facilities for environmentally sound disposal.

Annual Training

Workshops to educate staff on proper hazardous waste management.

12.2.3. Policy Waste Disposal - Hazardous Materials



Infectious Non-Sharp Waste



Infectious Sharp Waste

86%

Laboratory Technicians Attended Hazardous Waste Management Training

12.2.3. Policy Waste Disposal - Hazardous Materials

A group of Pharmacy students secured the **fifth best innovative Pharmacy poster award** for their remarkable poster titled "Greenness Assessment of Chromatographic Method of Quantification of some Antibiotic Residues in Industrial Wastewater Samples." at the 29th Dubai International Pharmaceutical and Technologies Conference and Exhibition – **DUPHAT (DUPHAT'24)**.



Under its cooperative agreement with the Arab Association for the Development of the Pharmacy Profession, the Faculty of Pharmacy was represented by Dr. Manal Abu Al-Khair on the judging committee for the "Green, Safe, and Sustainable Pharmaceutical Care" initiative. The faculty staff members participated in panel discussions on "Patient Security" and "Green Pharmacy," reinforcing the university's commitment to advancing sustainable practices in the profession including concepts of green pharmaceutical care, environmentally friendly practices at all stages from manufacturing to the **safe disposal of pharmaceutical waste**.





12.2.3. Policy Waste Disposal - Hazardous Materials

Sustainability Conference

February 2024 marked a milestone with the launch of the university's first-ever [sustainability conference](#). The conference was held on campus and entitled “**Creating a Sustainable Future: Innovations, Challenges and Opportunities**”. [The conference agenda](#) included **five lectures** addressing the university’s commitment to achieve SDG 12 as well as education about SDGs. **The five lectures were:**

Management for Hazardous Dental Waste

Comprehensive management for dental clinics to minimize environmental impact.

Green Chemistry, Occupational Safety, and Human Health in the Context of Sustainability

Implementing sustainable principles in chemical processes, prioritizing waste minimization.

Preserving Life: The Intersection of Biodiversity and Pharmaceutical Sustainability

Addressing the pharmaceutical industry's impact on ecosystems and drug contamination.

Green Dentistry: Road to Sustainable Smiles

Sustainable solutions for dental materials and clinical setups.

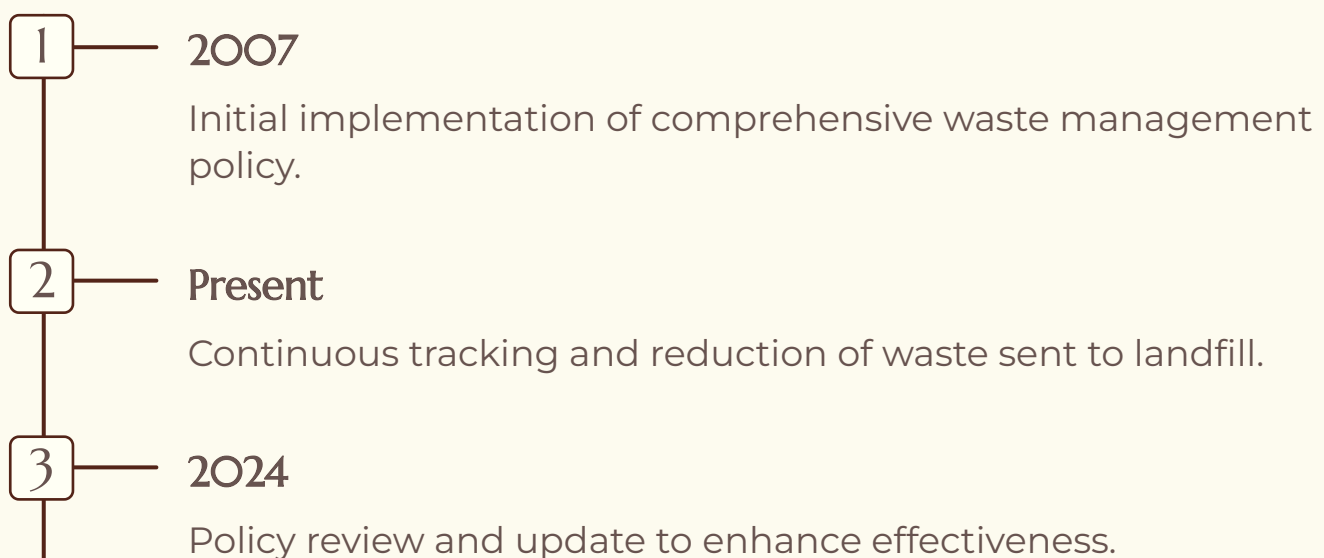
The Effect of the “Get Green” Initiative on the Behavioral Intention of Facebook Users to Care for the Environment

Exploring the impact of environmental discussions on Facebook on user behavior.

12.2.4. Policy Waste Disposal – Landfill Policy

MIU's publicly accessible [waste management policy](#), active since 2007 and updated in 2024, is dedicated to tracking and reducing landfill waste. It establishes a systematic framework for measuring total campus waste, differentiating between recycled and landfilled proportions.

The policy establishes a systematic framework for measuring the total amount of waste generated campus-wide and segregates data for the proportion that is recycled versus the proportion sent to landfill. This commitment to waste recycling and resource efficiency is central to our operational strategy, directly supporting the principles of a circular economy by minimizing our material footprint and diverting solid waste from landfill through robust waste recycling programs and partnerships.



12.2.5. Policy for Minimization of Plastic Use

The university applies **policies** for environmental sustainability including minimization of plastic waste, disposable items, and recycling waste disposals. As a standard contractual obligation, managers of all university food facilities formally approve terms annually that require the **use of paper bags in lieu of plastic**.

The university is also committed to educating students about sustainable practices. The Faculty of Al-Asun and Mass Communication organized a **field visit** for university students to the

Very Nile Initiative. The event enhanced awareness of sustainable practices, featuring workshops on plastic pollution and a hands-on upcycling session where students transformed plastic waste into reusable products, demonstrating a practical commitment to circular economy principles and community empowerment.



Visit to Very Nile Initiative



12.2.6. Policy for Minimization of Disposable Items



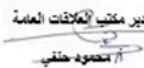
"By promoting a cultural shift towards reusables and durable alternatives, the policy is a cornerstone of our commitment to resource efficiency and the principles of a circular economy."

The university has a formal and publicly accessible **policy** for the minimization of disposable items. This policy directly targets the reduction of solid waste and the overall material footprint by systematically phasing out single-use products across campus operations, including in dining services, administrative offices, and university events. By promoting a cultural shift towards reusables and durable alternatives, the policy is a cornerstone of our commitment to resource efficiency and the principles of a circular economy.

An example of applying this policy is found in the regulations of food outlets in the university, where rule number (7) asks the outlets to use paper bags instead of plastic bags.

12.2.6. Policy for Minimization of Disposable Items

"By promoting a cultural shift towards reusables and durable alternatives, the policy is a cornerstone of our commitment to resource efficiency and the principles of a circular economy."


 <p style="text-align: center;">Implementation of the Policy of Ensuring and Sustaining the Quality of Food Sources Academic Year 2023/2024</p> <p>Regulations for Food Outlets</p> <ol style="list-style-type: none"> 1. A team of representatives from the Medical Sector, Public Relations Office, and Risk Management Committee periodically inspects and follows up on the safety and quality of the products. 2. Each employee in the outlet must have an official health certificate that guarantees he/she is free from communicable diseases. 3. The product's production and expiration dates must be clear. 4. In case of selling expired and unusable food products, the contract will be terminated permanently. 5. Approval from the Public Relations Office is required before selling or changing the price of any product. 6. The outlet must ensure a variety of products that include protein and plant-based foods. 7. Do not use plastic bags and replace them with paper bags for packaging. 8. Having a list of product prices in a clear place for students and employees. 9. Outlets offer special discounts for students and employees. 10. Adherence to the uniform of the workers inside each outlet. 11. Commitment to cleanliness inside and outside the food venue. 	 <p>Penalties and Violations Regulations</p> <p>A financial penalty will be imposed according to the following for anyone who violates the instructions:</p> <ol style="list-style-type: none"> 1. First violation: a payment of 5,000 L.E. 2. If the outlet violates the rules a second time during the same academic year, the university administration will be compelled to terminate the contract. <p>Waste Disposal Regulation</p> <p>The disposal of waste for each outlet shall be managed as follows: -</p> <ol style="list-style-type: none"> 1. Providing one cleaner for every three sales outlets. 2. Cleaning the area in front of each outlet twice daily and disposing of the waste in the designated area. 3. Sorting waste according to type into the designated bins (recyclable - plastic - non-plastic). <p style="text-align: center;">  مدير مكتبة المكتبات العامة أ. محمود حنفي </p>
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12.2.7. Disposable Policy: Extensions to Services

- The university ensures that its core **policies** on the minimization of disposable items and plastics are explicitly extended to all outsourced services operating on campus. This requirement is formally mandated within our service agreements and procurement contracts, holding external partners such as food caterers to the same operational standards as internal departments.
- By integrating these sustainable procurement principles into our contractual framework, we create a cohesive and accountable system that significantly reduces the material footprint and generation of solid waste across the entire campus environment.

12.2.7. Disposable Policy: Extensions to Services



Extension of University Policies to Outside Services and the Supply Chain
Academic Year 2023/2024

I. Waste Disposal

1. Hazardous waste

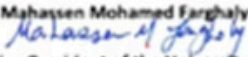
A contract has been established with the Hazardous Waste Disposal Unit of the Health Affairs Directorate – Al-Qalyubia governorate for the disposal of hazardous waste. The contract includes adherence to the university’s specific policies for waste disposal.

2. Daily waste

A contract has been awarded to a specialized contractor for the disposal of daily waste—including agricultural waste, construction, building, and renovation debris, and office waste—to public landfills operating under the supervision of the regulatory authorities in Al-Qalyubia Governorate. The contract includes adherence to the university’s specific waste disposal policies.

II. Food Outlets

Food suppliers are required to comply with the university’s various policies—including ensuring the quality of food sources, policies for reducing plastic waste and single-use products, and the safe disposal of waste.

Prof. Dr. Mahassen Mohamed Farghaly

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12.2.8. Minimization Policies Extend to Suppliers

- The university proactively extends its **policies** for minimizing plastics and disposable items to our entire supply chain, embedding these sustainable procurement principles into contracts with all key suppliers of goods, including equipment, stationery, and building contractors.
- This is achieved by mandating in our tender documents and supplier agreements that vendors must demonstrate reduced and sustainable packaging, prioritize reusable or recyclable materials, and offer products that align with our circular economy goals. This comprehensive approach ensures that our commitment to reducing our material footprint and solid waste generation is upheld not just internally but throughout our external operational ecosystem.

12.3.1. Proportion of Recycled Waste

The university maintains a comprehensive [Waste Management Policy](#) that governs the safe handling and disposal of all waste streams, including hazardous materials, and mandates the systematic tracking and reporting of amounts sent to landfill and recycling.

In 2023/2024, the total amount of waste was **290 metric tons including 60 metric tons for recycling and 230 metric tons for sending to landfills.**

Waste Management: Recycling vs Landfill

