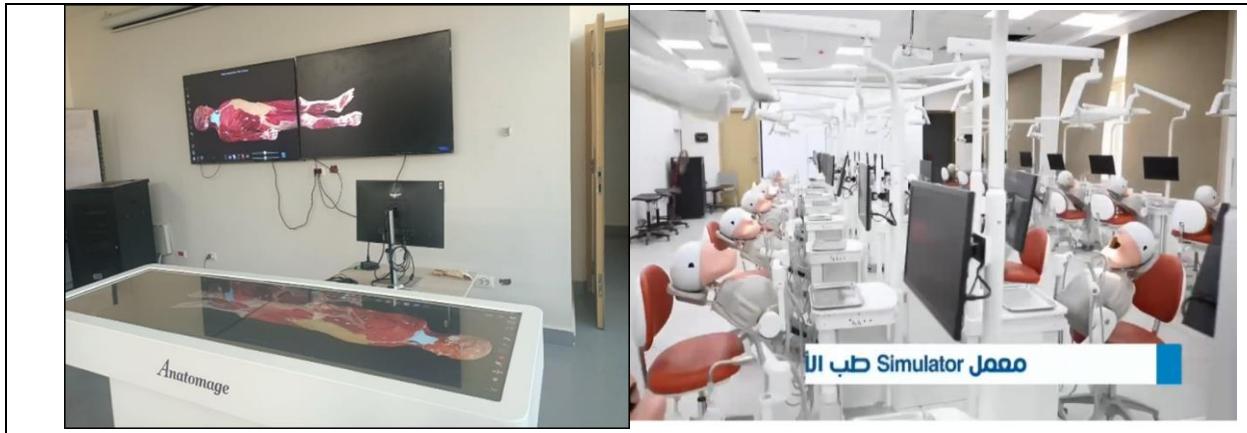




12.2.4. Policy waste disposal - landfill policy

3R (Reduce, Reuse and Recycle) Program for University Waste in 2023



The use of **Dental Simulators** and **Anatomage Tables** in health sciences programs to reduce the need for biological specimen



Example of 3R Program for University Waste (Menoufia National University, Egypt)

Description:

Menoufia National University applies a comprehensive **3R program** to minimize waste and promote sustainability.

Reduce: Adoption of **Dental Simulators** and **Anatomage Tables** replaces biological specimens and reduces biomedical waste; digital learning minimizes paper use.

Reuse: Durable materials and reusable containers are encouraged across offices and cafeterias.

Recycle: In cooperation with **H2M Company**, waste is **segregated at the source**, with **130 plastic bins** and daily collection for safe disposal and recycling of paper, plastic, and organic waste.

These practices align with **SDG 11, 12, and 13**, ensuring responsible consumption and environmental protection.



Program to Reduce the Use of Paper and Plastic on Campus (WS.2)



Digital learning platforms, online submissions, and e-communication significantly



Reusable containers and source segregation
promote recycling by H2M Company



“Waste Management and Circular Economy of Plastic Waste

Program to Reduce the Use of Paper and Plastic in Campus (Menofia National, Egypt)

Description:

Awareness Programs

During the **first Environmental Week**, MNU launched a program for both staff and students titled: **“Waste Management and Circular Economy of Plastic Waste.”**

- The program emphasizes the proper segregation, disposal, and recycling of plastic and paper wastes.
 - Additional bins have been strategically placed to facilitate collection and recycling.



Plastic Reduction: Over 130 bins placed across classrooms, offices, cafeterias, and outdoor areas, with daily collection by H2M Company. Reusable containers and source segregation promote recycling and minimize single-use plastics.

Paper Reduction: Digital learning platforms, online submissions, and e-communication significantly reduce paper usage, supported by recycling of collected paper waste.

Sewage Disposal (WS.6)

(١) المطلوب (الموافق)
كتاب إنشاء مieran وتنقيب شبكة الصرف الصحي للحاجة الأخلاقية بتفويض تفاصلاً رقم (١٤١) لسنة ٢٠٢٣ الدراويش / ٢٠٢٣ هـ في تاريخه بين كل من :-
١- هيئة المنوفية (الجامعة الأخلاقية) - ويمثلها فائزنا السيد الأستاذ الدكتور/أحمد فرج القاصد، بصفته رئيس جامعة المنوفية والمكلف بتسيير أعمال جامعة المنوفية الأخلاقية وممثليه القانوني الإدارية العامة للشئون القانونية بمقر الإدارة العامة للجامعة - شارع جمال عبد الناصر النجري أمام الأستاذ يسرين الكوم - المنوفية .
[تذكرة أول]
٢- تبرقة محمد المنور والصرف الصحي بالمنوفية - ويمثلها فائزنا السيد الدكتور المهندس/محمد نجيب صالح بصفته رئيس مجلس الإدارة والعضو المنتدب للشركة ومقرها القانوني بمبنى مديرية الإسكان والمرافق بشبين الكوم - البر الشرقي أمام السجن العمومي - بشبين الكوم - المنوفية
[تذكرة ثان]
((يشهد تفاصلاً))
Piece of formal contract with the Menoufia Governorate Drinking Water and Sanitation Company (Menoufia National University)

Description:

MNU is connected to the public sewage and water treatment network through a formal contract with the Menoufia Governorate Drinking Water and Sanitation Company. All wastewater generated on campus is safely collected and transferred to the company's municipal treatment facilities, where it undergoes tertiary treatment before being released into the environment. This ensures that the discharged water meets national environmental and health standards, reflecting the university's commitment to sustainable water management and pollution prevention.



جامعة المنوفية الأهلية

10- Integrated Waste Reduction and Recycling Policy

- **Policy Statement:**

Menoufia National University adopts a waste management hierarchy focused on source reduction, reuse, recycling, and responsible disposal to minimize its environmental impact.

- **Actionable Measures:**

- **Standardized Bin System:** Roll out a unified, color-coded waste separation bin system (for paper, plastic, metal, glass, and general waste) across all indoor and outdoor campus locations.
- **Partnerships with Recyclers:** Form formal agreements with licensed recycling companies to ensure that segregated materials are collected and processed correctly.
- **Waste Audit & Reporting:** Conduct a bi-annual waste audit to track recycling rates and solid waste generation, reporting the results and progress towards reduction goals.
- **Promote Reusables:** Launch a university-wide campaign to reduce paper use by promoting double-sided printing and digital documents, and discourage the use of disposable items in university cafeterias.

Vice President for Academic Affairs

(Prof. Nancy Assad)

