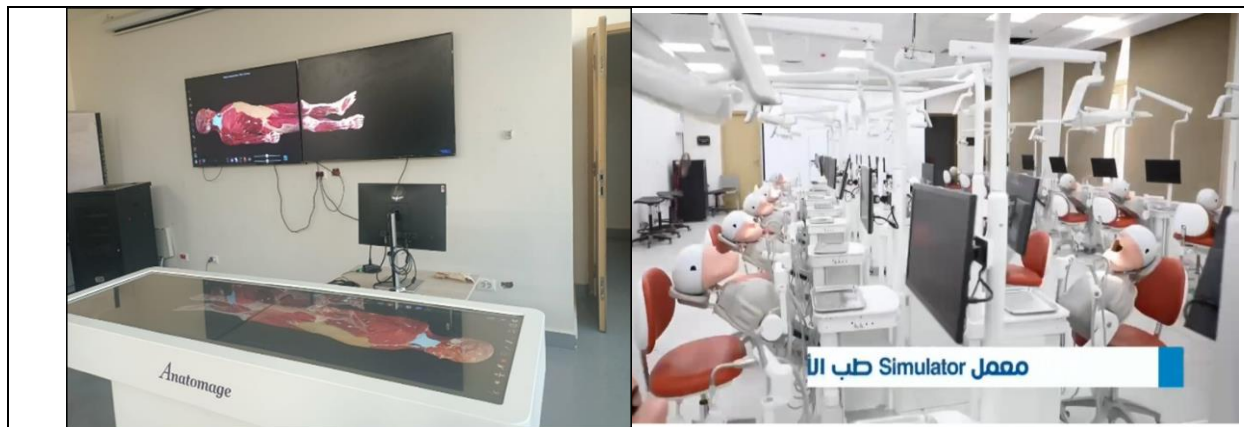


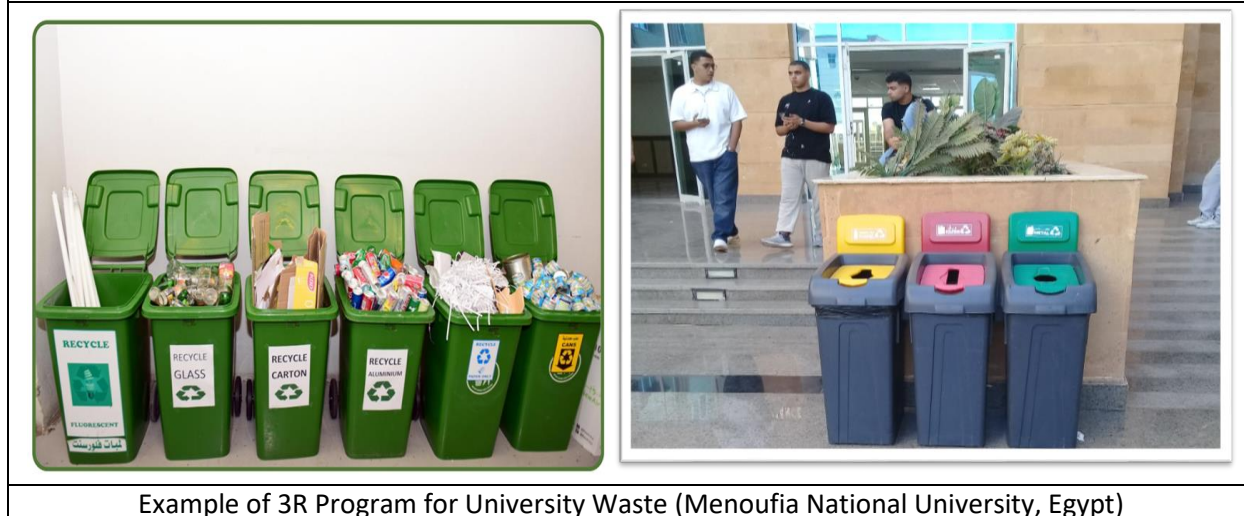


#### 12.2.4. Policy waste disposal - landfill policy

#### 3R (Rduce, 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

الخدمة العامة	الخدمة الخاصة	الخدمة المشتركة
38880000	18880000	18880000
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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 (Menoufia 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.





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)**

