SDG 12: Responsible Consumption & Production

UN Sustainable Development Goal Target: Ensure sustainable consumption and production patterns.

EXECUTIVE SUMMARY - SDG 12: RESPONSIBLE CONSUMPTION & PRODUCTION
Heliopolis University (HU) actively advances SDG 12: Responsible Consumption & Production through an integrated model of higher education, scientific research, community development, and operational practice.

1. Key Institutional Achievements & Initiatives (2025)

- **Comprehensive Campus Waste Sorting:** On-site separation of organic and non-organic waste, converting food and landscape waste into compost.
- **Textile Recycling with Clothing Bank:** Donated items distributed to families in need or upcycled into educational art supplies.
- **Circular Economy Animal Feed (NEWFEED):** Converting food industry by-products into alternative livestock feeds.
- **Sustainable Carpentry & Upcycling:** Campus furniture manufactured at SEKEM Vocational Center using recycled and eco-friendly timber.
- **Aquaponics & Hydroponics:** On-campus sustainable food production supplying fresh fish and vegetables to university dining.

2. Key Performance Metrics & Data Summary

Performance Metric / Indicator	2025 Reported Value
Community & Campus Waste Collected	**385.9 Tons**
Compost Produced Annually	**12,322 Tons**
Recycled Waste Categories	**Paper, Plastic, Glass, RDF, Organic**

3. Contributing University Faculties, Centers & Ecosystem Partners

- Campus Operations Unit
- Center of Organic Agriculture in Egypt (COAE)
- Faculty of Organic Agriculture

4. Visual Evidence & Report Documentation