



URDANETA CITY UNIVERSITY'S WASTE MEASUREMENT AND RECYCLING PRACTICES IN SUPPORT OF SDG 12

In full support of the **United Nations Sustainable Development Goal 12 (Responsible Consumption and Production)**, Urdaneta City University (UCU) actively measures, monitors, and manages the amount of waste generated and recycled across the entire institution. This university-wide effort demonstrates UCU's strong commitment to sustainability, accountability, and environmental protection.

Under the University Waste Management Policy (created in **2023** and **reviewed in 2024**), UCU ensures that all departments and facilities participate in the systematic measurement of total waste output and tracking of recyclable materials. Data is collected regularly through the Office of Environmental Management in coordination with custodial and maintenance units to evaluate the university's waste reduction performance.

The waste measurement process involves **weighing and recording daily waste** collections, categorizing materials into biodegradable, recyclable, and residual waste, and identifying the proportion of waste diverted from landfills through recycling or reuse initiatives. This information is used to assess trends, plan improvements, and strengthen sustainable campus operations.

Across the university, various programs support this initiative, including:

- Recycling drives and materials recovery stations strategically located in offices and common areas;
- Composting programs for biodegradable waste generated in cafeterias and green spaces;
- Paperless administrative systems to reduce office waste; and
- Environmental awareness campaigns** encouraging students and staff to participate in waste segregation.

Through these actions, UCU successfully integrates data-driven waste management with environmental education. The results of the university's monitoring system have guided the adoption of better recycling methods, improved waste segregation practices, and reduced the total volume of waste sent to landfills.

By measuring the amount of waste generated and recycled across the university, Urdaneta City University not only ensures operational efficiency but also upholds its moral and social responsibility to the environment. This initiative directly contributes to **SDG 12**, proving that with collective effort and accountability, sustainable consumption and production can be achieved within the higher education community.

MAKE SDG#12 A REALITY

