

	<p>POLICY ON PLASTIC WASTE REDUCTION</p>	<p>Date Created: January 15, 2025</p>
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I. PURPOSE

The Mapúa University aim to create a circular economy on plastic waste management by prevention, mitigation, recycling, and materials recovery initiatives, through education and awareness programs, continuous development of solid waste management framework, practices, and policies and partnerships with external linkages.

II. SCOPE

These guidelines are applicable to all employees, students, tenants, and visitors.

III. DEFINITIONS

Plastic Wastes also called “plastic pollution” is the accumulation of plastic materials (e.g. used plastic bottles and plastic containers) in the environment.

These are used and discarded heaps of plastics which can remain in the environment for centuries. The degraded polymers in bottles and microplastics can endanger land and marine ecosystems, thus directly affect land and aquatic animal species and species habitat, while indirectly affect humans.

IV. RESPONSIBILITY AND AUTHORITY

Housekeeping Supervisor shall monitor the strict implementation of proper segregation of waste.

Janitors shall collect the garbage in different waste bins and segregate it at proper disposal.

Pollution Control Officer (PCO) shall ensure compliance with the requirements of Presidential Decree 1586, Republic Act (RA) 6969, RA 8749, RA 9003, RA 9275, their respective implementing rules and regulations, and other pertinent rules and regulations.

UDENNA Environmental Services DENR registered environmental transporter, hauler and treater, contracted by Mapúa to collect, transport and perform treatment on various hazardous waste generated by the campus included in the Waste Generation ID issued by DENR.

UNCONTROLLED

Maria Consuelo A. Esplana
Maria Consuelo A. Esplana

Signature over Printed Name/Date



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Sustainability Office/Institute for
Global Sustainability (IGS)

shall ensure that policies, programs, and processes on plastic waste reduction are carried out sustainably.

Campus Development and
Maintenance Office (CDMO)

shall ensure that reports from the PCO and Housekeeping Supervisors show a reduction of plastics through monitoring reports.

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V. PROCEDURE

1. *Policy Declaration on Plastic Bottles, Plastic Containers, and Other Types of Plastic Receptacles*

- a) There shall be a method or practice of monitoring plastic waste generation.
- b) There shall be a method or practice of reducing generated plastic waste volume.
- c) There shall be mitigating or preventive methodologies against plastic waste increases.
- d) Mandates on alternatives to plastic packaging materials shall be imposed and implemented by the University Administration and shall be complied with by all canteen concessionaires and third-party caterers.
- e) Behavior modification of students and University staff shall be integrated in the academic solid waste management curriculum and general waste management awareness programs.
- f) Motivational waste reduction initiatives of buyers shall be the responsibility of canteen concessionaires and caterers.

2. *Programs and Processes to Reduce Plastic Waste Generated in the University*

- a) Plastic Bottles, Plastic Containers, and Other Types of Plastic Receptacles (or Packaging Materials)
 - Sorting bins for plastic containers and bottles are designated in different areas of the campus.
 - Sorted used plastic bottles are transported towards the University's local recycling center and/or plastic waste facility partner.
 - Water dispensers for Mapúa University (MU) students and personnel are provided to discourage plastic bottled water purchases.
 - MU personnel and students are encouraged to bring their own drinking containers.
 - All canteen concessionaires are banned from using plastic plates, plastic utensils, plastic, Styrofoam, and other plastic materials for food preparation and packaging.
 - Canteen concessionaires may only use paper cups, cutlery made of potato starch or corn starch and paper straws.
 - Canteen concessionaires are required to give a small discount if employees and students bring their own food and/or drink container.
- b) Festivities and/or Events Paraphernalia
 - Confetti, mini flags, balloons, and tarpaulin are replaced with simple and reusable decors made of wood, steel, and durable PVCs.
 - Decorations and lights are stored and reused every year.
 - Costumes made up of plastic materials are discouraged by MU Administration and replaced by textiles which can be reused annually.
 - Catered food and drinks ordered from outside the campus should be contained in washable containers, cutlery should either be metallic or wooden, and there should be no individual beverage bottles.

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- External or third-party caterers are required to collect and dispose all garbage generated from the food products they have provided.
 - Loot bags provided for gifts or treats by the University are made up of paper or eco bags.
 - MU students and staff should take the responsibility of bringing home and any plastic wastes they brought in the campus from outside purchases.
- c) Other Plastic Wastes Generated from Office Supplies and Equipment, Furniture and Fixture, and WEEE
- Any plastic containing materials from used and discarded products are segregated and stored temporarily at the campus Materials Recycling Area (MRA) and collected by local recycling facilities and UDENNA Environmental Services (Mapúa University's accredited waste hauler).

VI. REPORTORIAL REQUIREMENTS

Report Title	Frequency of Update	Responsible Personnel
Monitoring of plastic waste generated and recycled	Monthly	Housekeeping Supervisor/ Pollution Control Officer
Plastic waste management assessment	Annually	CDMO
Plastic waste management methodologies/approaches	Annually	CDMO/IGS

VII. REFERENCE DOCUMENTS

Document Code	Title
1. FM-CD-32	Monthly of Generated Garbage Form



REVISION HISTORY

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