

## 15.4.3 Policy on Hazardous Waste Disposal

2023–2024

### AASTMT Medical and Biohazardous Waste Disposal Program

AASTMT’s Hazardous Waste Disposal Policy ensures the safe management of chemical, biological, and medical waste across all campuses. It mandates proper segregation, labeling, and treatment—such as sterilization of biological waste—before disposal. The policy emphasizes safe laboratory practices, staff and student training, and awareness programs to minimize environmental contamination. AASTMT collaborates with certified waste-management partners, like Nahdet Misr, to ensure compliant disposal, reflecting the Academy’s commitment to health, safety, and sustainable campus operations in line with SDG 15 goals.



The screenshot shows the Sustainable AASTMT website. The header includes a phone number (19838), a login button, a language selector (En), and a dropdown for information. The main navigation bar features links to About, Strategy, Environmental Management, Get Involved, and Campus Initiatives. Below this, there are links for School Initiatives, Commitments, SDG Workforce, FAQ, and Contact Us. The main content area has a large image of a campus with palm trees and a blue overlay with the text "Medical And Biohazardous Waste Disposal Program". Below the image is a breadcrumb trail: Home > Sustainable Goal > Sustainable AASTMT > Medical and Biohazardous Waste Disposal Program.

- AASTMT has implemented a strategy in all laboratories and clinics to segregate hazardous waste, categorizing it as chemical, biological and medical waste to ensure safe handling and disposal

[Sustainable AASTMT-Alexandria](#) | [AASTMT](#)

### AASTMT’s Recycling and Consumption Policy

The policy emphasizes reducing plastic waste across all AASTMT campuses. It was originally created in May 2019, and its latest review was in 2024. Core to the policy is the principle of “waste order”: preventing waste, reusing, recycling, and then safe disposal when absolutely necessary. The policy also prioritizes assessing the end-of-life environmental impacts of materials (especially plastics), meaning decisions around purchasing or construction consider how materials will be disposed of.



### 15. Life on Land

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### Goal 15. Life on Land

## 15.4.2 Policy on plastic waste reduction

### Consumption and Recycling Policy

#### 1. Introduction

AASTMT recognizes the growing global challenges arising from the excessive pressure on natural resources, escalating greenhouse gas emissions, rising sea levels, pollution, and inefficient waste management. These environmental issues threaten both present and future generations, underscoring the urgent need for responsible consumption and effective recycling practices. In alignment with its Environmental Change and

[Consumption and Recycling Policy](#) on AASTMT webpage

## Prime Minister Follows Up on the Progress of Developing the Integrated Solid Waste Management System in the Governorates Under the Supervision of Representatives from the Ministry of Environment and the Arab Academy for Science, Technology and Maritime Transport (AASTMT)

During the meeting, Prime Minister Dr. Mostafa Madbouly reviewed the progress made in developing the Integrated Solid Waste Management System across Egypt's governorates between August 2022 and November 2023, under the supervision of the Ministry of Environment and the Arab Academy for Science, Technology and Maritime Transport (AASTMT). The discussions highlighted key achievements, including the signing of four contractual addenda with the Arab Organization for Industrialization to remove 2.1 million tons of accumulated waste and establish 18 new sanitary landfills, of which 1.4 million tons have already been cleared and the remaining 700,000 tons are scheduled for removal this year. The Ministry of Environment, in collaboration with AASTMT and other consulting bodies, continues to review and approve project designs and supervise the implementation of infrastructure works to ensure the effective and sustainable management of waste across the country.





[AASTMT and Ministry of Environment Oversee Progress of Egypt's Integrated Waste Management System](#) on facebook

## AASTMT Hosts Workshop on Responsible Ship Recycling in Collaboration with Global Marketing Systems (GMS)

The Department of Marine Engineering and Offshore Structures at the College of Engineering and Technology, Arab Academy for Science, Technology and Maritime Transport (AASTMT), organized an online workshop titled *"Responsible Ship Recycling – Innovations and Best Practices"* in collaboration with Global Marketing Systems Inc. (GMS), one of the world's largest companies specializing in ship and offshore platform recycling. The session, held on Monday, November 4, 2024, via Zoom, featured presentations by Dr. Anand Hiremath, Chief Sustainability Officer at GMS, and Eng. Kiran Thorat, Trader at GMS Dubai. This initiative reflects AASTMT's ongoing commitment to promoting sustainable maritime engineering practices and advancing environmental responsibility in the regional and global maritime industry.



[AASTMT Workshop on Ship Recycling with GMS](#) on facebook

## AASTMT to Host Online Workshop on Responsible Ship Recycling in Collaboration with Global Marketing Systems (GMS)

The Department of Marine Engineering and Offshore Structures at the College of Engineering and Technology, Arab Academy for Science, Technology and Maritime Transport (AASTMT), in collaboration with Global Marketing Systems Inc. (GMS) one of the world's leading companies in ship and offshore platform recycling will hold an online workshop titled *"Responsible Ship Recycling – Innovations and Best Practices"* on Monday, November 4, 2024, at 6:00 p.m. via Zoom. The session will be delivered by Dr. Anand Hiremath, Chief Sustainability Officer at GMS, and Eng. Kiran Thorat, Trader at GMS Dubai. This event reflects AASTMT's commitment to enhancing the technical knowledge and professional skills of its Marine Engineering students by exposing them to the latest industrial practices, sustainable innovations, and global career opportunities in the maritime engineering sector.



The poster features logos for the Marine and Offshore Engineering College of Engineering and Technology, GMS Leadership, the Arab Academy for Science, Technology and Maritime Transport, the Marine Technology Society, and the Institute of Marine Engineering, Science & Technology. The title "Responsible Ship Recycling Innovations and Best Practices" is prominently displayed above a photograph of a large ship being dismantled in a recycling yard. Below the photo are circular portraits of Dr. Anand Hiremath and Eng. Kiran Thorat, along with their titles. At the bottom, it specifies the event is online via Zoom on the 4th of November 2024 at 6 PM, accompanied by a QR code and a Facebook icon.

**Responsible Ship Recycling**  
**Innovations and Best Practices**

**Dr. Anand Hiremath**  
Chief Sustainable Officer at GMS

**Eng. Kiran Thorat**  
Trader at GMS (Dubai)

Online via Zoom  
4th of November 2024 @ 6 PM

[AASTMT Workshop on Responsible Ship Recycling](#) on facebook



## **AASTMT Hosts Workshop on the Future of Shipbuilding and Green Ship Recycling**

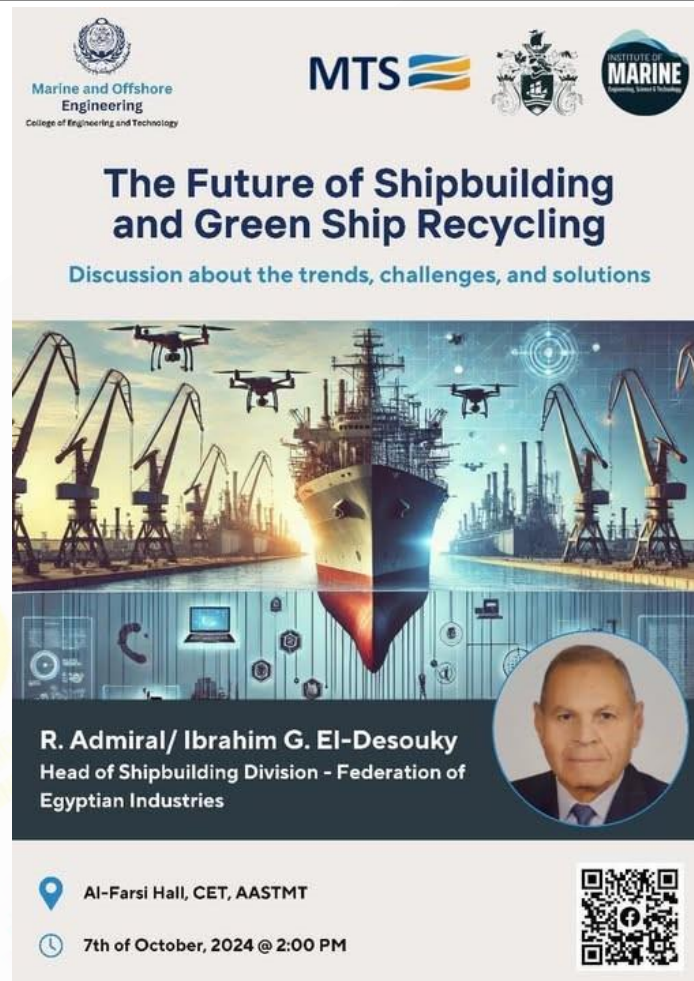
The Department of Marine Engineering and Offshore Structures at the College of Engineering and Technology, Arab Academy for Science, Technology and Maritime Transport (AASTMT), organized a workshop titled “The Future of Shipbuilding and Green Ship Recycling” delivered by Rear Admiral Ibrahim Gaber El-Dessouky, Head of the Shipbuilding Industry Division at the Federation of Egyptian Industries. The session, held on Monday, October 7, 2024, in Al-Farsi Hall, focused on sustainable shipbuilding practices, eco-friendly recycling methods, and the role of innovation in shaping the maritime industry’s future. The event reflects AASTMT’s commitment to equipping Marine Engineering students with practical insights into green technologies and responsible industrial practices aligned with global sustainability goals.



[\*AASTMT Workshop on Green Ship Recycling on facebook\*](#)

## **AASTMT to Hold Workshop on the Future of Shipbuilding and Green Ship Recycling**

The Department of Marine Engineering and Offshore Structures at the College of Engineering and Technology, Arab Academy for Science, Technology and Maritime Transport (AASTMT), announced an upcoming workshop titled “The Future of Shipbuilding and Green Ship Recycling” to be delivered by Rear Admiral Ibrahim Gaber El-Dessouky, Head of the Shipbuilding Industry Division at the Federation of Egyptian Industries. The event will take place on Monday, October 7, 2024, in Al-Farsi Hall at AASTMT’s College of Engineering and Technology. Participating students from the Marine Engineering and Offshore Structures Department will receive certificates of completion. The workshop reflects AASTMT’s ongoing commitment to enhancing students’ technical and professional skills through collaboration with industry leaders and promoting sustainable, environmentally responsible practices in maritime engineering.



[AASTMT Workshop on Sustainable Ship Recycling](#) on facebook

## Waste Tracking - Responsible Consumption and Production

This page provides data on hazardous/medical waste: e.g., about 1 mT of hazardous/medical waste sent to landfill in 2021-22, measurement of total waste generation. This supports that the hazardous waste policy is being monitored and quantified.



[Waste tracking – Responsible Consumption and Production](#) on AASTMT webpage