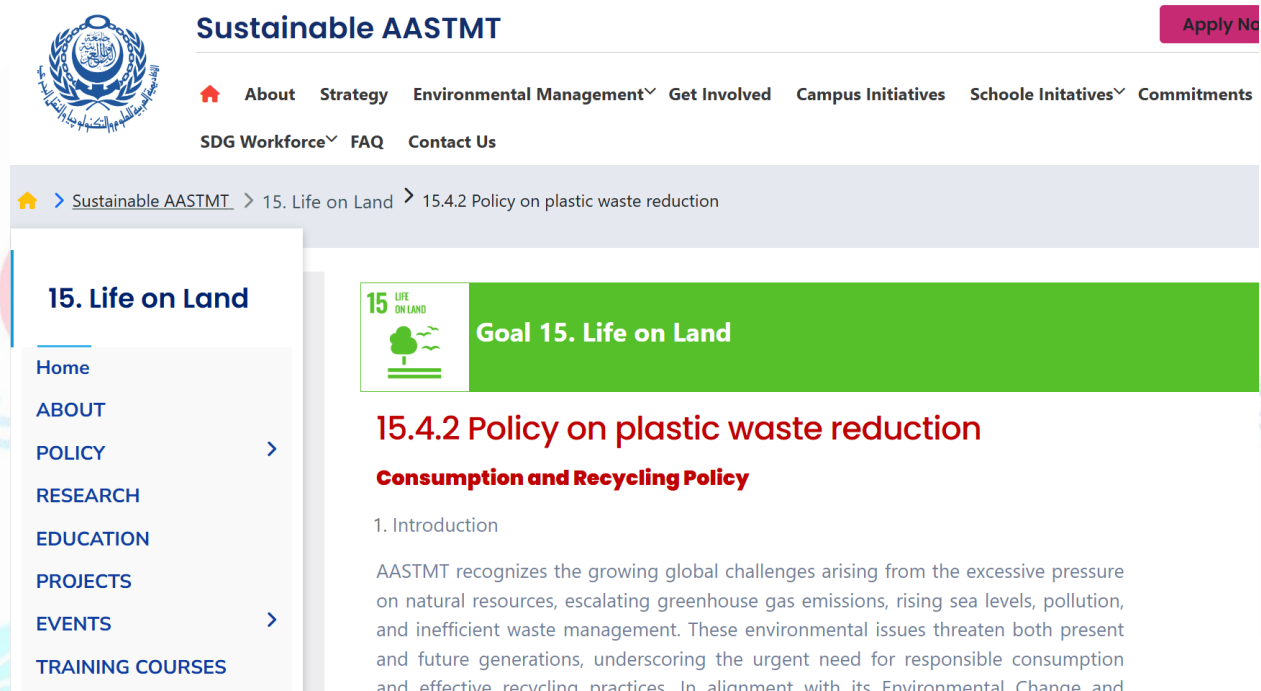


## 15.4.2 Policy on Plastic Waste Reduction

2023–2024

### Consumption and Recycling 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.



The screenshot shows the Sustainable AASTMT website. The header includes the AASTMT logo and navigation links: Home, About, Strategy, Environmental Management, Get Involved, Campus Initiatives, School Initiatives, and Commitments. A sidebar on the left lists various sections under '15. Life on Land', including Home, ABOUT, POLICY, RESEARCH, EDUCATION, PROJECTS, EVENTS, and TRAINING COURSES. The main content area displays 'Goal 15. Life on Land' and '15.4.2 Policy on plastic waste reduction'. The policy title is followed by the subtitle 'Consumption and Recycling Policy'. The introduction section begins with '1. Introduction' and states that 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

### AASTMT partnered with Nahdet Misr (An Egyptian Environmental Services Company) to collect plastic waste from Alexandria’s coastal areas

This shows AASTMT is extending its plastic-waste efforts beyond campus, linking with city-level environmental initiatives. This initiative is framed as a pioneering effort in marine conservation, targeting plastic pollution along the Alexandrian coastline. Nahdet Misr’s role is to provide the infrastructure, collection, and management of plastic waste, while AASTMT supports it under its environmental sustainability mission and SDG commitments.



*AASTMT partnered with Nahdet Misr on AASTMT webpage*

## **Collaboration with Nahdet Misr, AASTMT launched a Pilot Project to clean up Alexandria's Beaches by deploying Sand-Sieving Machines**

This initiative is part of a broader waste-management strategy targeting coastal pollution and single-use plastics. The project was conducted under the framework of sustainable coastal cleanup and aligns with AASTMT's environmental mission. By screening beach sand and collecting plastic waste, the initiative helps reduce marine litter and supports Egypt's circular-economy efforts.







[Collaboration with Nahdet Misr, AASTMT launched a pilot project to clean up](#) on AASTMT webpage

## Recycling Program & Infrastructure

According to our recycling policy, **AASTMT** recycles “paper, plastic, and electronic waste” across campuses under its zero-waste strategy.

[AASTMT Energy Progress Report](#) on AASTMT webpage

## **AASTMT Waste Tracking**

AASTMT aims to achieve a Zero-Waste Campus by 2049 and reduce total waste generation by 15% before 2030. To reach this goal, the academy is developing innovative waste-management solutions, including a smart recycling system that converts food waste and recyclables into valuable products. One key initiative is vermicomposting, which transforms organic waste into nutrient-rich compost. This method improves soil quality, reduces erosion, and cuts methane and CO<sub>2</sub> emissions. By expanding vermicomposting across its campuses, AASTMT supports sustainable agriculture and environmentally responsible waste practices.

[Zero-Waste Campus by the Year 2049 Is Our Main Goal](#) on AASTMT webpage

## **College of Fisheries and Aquaculture Technology Students' Participation in the Recycling Workshop and Creating Different Models from Plastic and Rubber Waste, in line with the College's Vision of the importance of Environmental Preservation through Waste Recycling**

In `oct 17, 2023 Students from the College of Fisheries and Aquaculture Technology participated in a recycling workshop, utilizing plastic and rubber waste to create models.

[College of Fisheries and Aquaculture Technology-Alexandria | AASTMT](#)

## **Students at the Faculty of Language and Media in Alexandria launched a campaign to collect plastic waste:**

Students at the Arab Academy for Science, Technology and Maritime Transport launched a campaign called "It Will Come Back to You" to raise awareness about single-use plastic products and recycling, as part of Egypt's presidential "Go Green" initiative.

[Campaign to collect plastic waste](#) on AASTMT webpage