12.3.1 Waste Tracking

2024-2025

AASTMT measures the waste generated, recycled and sent to landfill across all its campuses. Since 2019 it has expanded recycling of paper, plastics, organic waste and e-waste.

AASTMT measures the amount of waste generated across the whole university. In 2025, AASTMT generated 1,048 metric tonnes of waste (organic and inorganic), of which 922 tonnes (88%) were recycled and 126 tonnes were sent to landfill. As required by the Consumption and Recycling Policy, waste is segregated at source and weighed to track each stream.

You can read our Consumption and Recycling Policy on AASTMT webpage

Organic waste treatment – UI GreenMetric data, Sustainable AASTMT

AASTMT Carbon Footprint Report 2024/2025

AASTMT's Carbon Footprint Report for the financial year 2024–2025 applies the GHG Protocol, in line with ISO 14064-1, to four campuses (Abu Qir, Misr El-Gedida, Smart Village and South Valley), with named data-acquisition, review and quality-check teams for each campus. Waste is one of the Scope 3 categories measured for every campus; at Misr El-Gedida, for example, waste accounts for 12.7% of Scope 3 emissions. The report quantifies total emissions of 38,253 tCO_2e (Scope 1: 2,855; Scope 2: 10,440; Scope 3: 24,958) and recommends composting food scraps, greywater recycling for landscaping and campaigns to cut food waste and single-use plastics.

Summary of Total GHG Emissions Across AASTMT Campuses

AASTMT – All Reported Campuses Total: 38,253 metric tons CO_2e

- **Scope 1 Emissions**

Total: **2,855** tons CO_2e

- **Scope 2 Emissions**

Total: **10,440** tons CO_2e

- **Scope 3 Emissions**

Total: **24,958** tons CO_2e

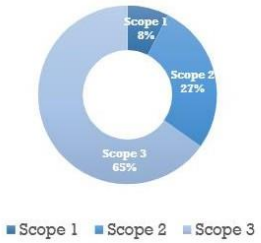


Figure 1 The contribution of each emission scope to the total GHG emissions for four-campuses

A detailed breakdown of emissions by campus and emission scope is presented in **Table 1**.

Table 1 Scopes of Emissions by Campus

Campus	Scope 1 (ton CO_2e)	Scope 2 (ton CO_2e)	Scope 3 (ton CO_2e)	Total Emissions (ton CO_2e)
Abu Qir	2,470	4,361	10,767	17,598
Misr El-Gedida	177	1,391	8,859	10,427
Smart Village	88.9	4,380	3,695	8,164
South Valley	119.2	307.8	1,637	2,064
Total	**2,855**	**10,440**	**24,958**	**38,253**

AASTMT Carbon Footprint Report 2024/2025 (PDF) on AASTMT webpage

Organic Waste Measured and Converted into Compost on Campus

During the 2024/2025 academic year, AASTMT's campus composting and resource-recovery programme processed food waste from cafeterias, restaurants and student housing together with landscaping residues, using a mechanical composter and earthworm-based vermicomposting. The quantity recovered is recorded as part of the Academy's waste tracking: the programme produced 15 tonnes of compost during the year, which kept this organic waste out of landfill and was used on campus in place of chemical fertiliser.



AASTMT Promotes Organic Waste Recycling to Support Water Quality Protection on AASTMT webpage

Organic waste treated, 2024/2025 – UI GreenMetric data, Sustainable AASTMT