


Appendix 6 – Waste Breakdown & Completed Projects

The total amount of operational waste produced in 2023/24 academic year was 841,909kg, which equated to 42.8kg per person (from 19,670 FTE staff and students).

The table below shows the amount of operational waste generated for each element of the Waste Hierarchy.

Operational Waste Weights 2023/24		
Waste Hierarchy Element	Overall Weight (kg)	Overall Percentage
Reused or Repaired	28,599	3.4%
Sent for Recycling	371,718	44.2%
Food to Anaerobic Digestion	114,773	13.6%
Sent for Composting	5,820	0.7%
Made into Biofuel	2,776	0.3%
Energy from Waste Recovery	300,239	35.7%
Sent for Incineration	9,591	1.1%
Sent to Landfill	8,393	1.0%
Total Waste	841,909	100.0%


 Increasing environmental impact

2023/24 is the first year to include waste from the University's farms in the operational waste weight data, adding a total of 26,247kg across the waste hierarchy elements.

Financial Investments:

2023/24 saw an investment of £13,062 in waste facilities improvements.

Financial Savings:

The re-use of furniture and other items via the Warp-it platform in 2023/24, has saved the University £27,171 in waste disposal and procurement costs.

Since the 2015/16 baseline year, the strategic waste management activities have delivered cumulative savings of £1,180,000 against the predicted 'business as usual' costs (excluding hazardous waste). This is mainly down to three reasons: long-term trends in reducing the amount of waste generated; over-estimates of increases in waste costs which have not materialised within this timeframe; and the reduction in waste generated due to the COVID-19 shutdown at the University during 2020 and 2021. £165,000 of these savings were delivered in 2023/24.

Waste management projects undertaken in 2023/24

Implementation	Location	Description	Cost (inc. VAT)
December 2023	New School of Art building	Install new external recycling bin	£795
February 2024	Whiteknights campus (3 buildings)	Install new bins for collecting vapes	£505
February 2024	University-wide	Mend/replace broken internal recycling bins	£415
March 2024	Whiteknights campus	Install collection facilities for expanded polystyrene (EPS) so that packaging can be collected and sent for recycling	Included in waste disposal costs
April 2024	Northcourt Halls	Replace 10 external cigarette bins around UPP Halls	£1,512
May 2023	Whiteknights campus	Bins provided to collect ceramics and heat-proof glass for recycling	Included in waste disposal costs
June 2024	Northcourt Halls	Install 2 new external recycling bins around St Patrick's Hall, including graphics	£1,591
July 2024	Whiteknights and London Road campus	Replacing old external recycling bins, including updated graphics and installation	£7,955
Additional labour charges for all projects			£289
Grand total for recycling projects in 2023/24:			£13,062