



King's carbon emissions, 2022-23

Table 1: Total scope 1, 2 and 3 carbon emissions (based on the Estates Management Record)

Metrics	2022-23
Scope 1 and 2 emissions (CO ₂ e (tonnes))*	Location based: 26,855 Market Based: 24,419**
Scope 3 emissions (CO ₂ e (tonnes))	417,527

* Estimated 8,613 kWh is from renewable sources. Data from 2021-22.

**There are two key methods for calculating our carbon footprint, relating to our scope 2 emissions from electricity. The location-based method uses average carbon emission factors for each kWh of electricity we use, regardless of its origin or the tariff we have chosen. The market-based method takes into account the electricity we have purchased from renewable sources and assigns it zero carbon emissions.

Table 2: Residential carbon emissions 2022-23 (based on the Estates Management Record)

Emission source	Scope	Emissions (tonnes CO ₂ e)
Total emissions from directly-managed residences	1 and 2	1,018
Waste	3	3
Water supply	3	14
Wastewater treatment	3	15
Carbon emissions from Intercollegiate Halls	3	140
Carbon emissions from other third-party residences	3	2,571
Total emissions from all residences	1, 2 and 3	3,760