

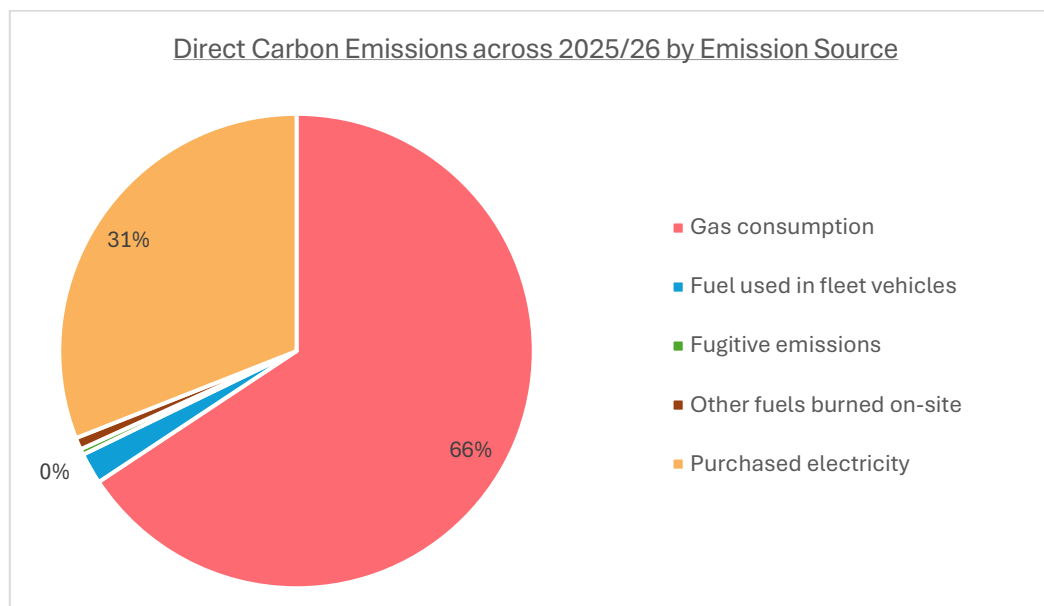
Detailed summary of carbon emissions targets 2025-2026

In July 2019, the University declared a Climate Emergency. Shortly after, in September 2020, the University Executive Board approved a new Sustainability Strategy 2020-2030, which reviewed the University's carbon journey since a 2008/09 baseline year and set out the University's aim to achieve net-zero emissions by 2030, using a new baseline year of 2018/19. The University's total emissions during this new baseline year were 21,931 tCO₂e.

As set out in the Strategy, the University aims to reduce its direct and indirect carbon emissions by 50%. It will offset the remaining emissions in credible sector-specific offsetting and carbon sequestration schemes. The following report discusses the University's performance against its overarching carbon emissions targets, including year-on-year comparisons.

Direct Emissions (Scopes 1 & 2)

The University's direct carbon footprint comprises Scope 1 and Scope 2 emissions. Scope 1 emissions include gas consumption, fleet fuel use, fugitive emissions from refrigerant leakage, and other fuels burned on site. Scope 2 emissions relate to purchased electricity.

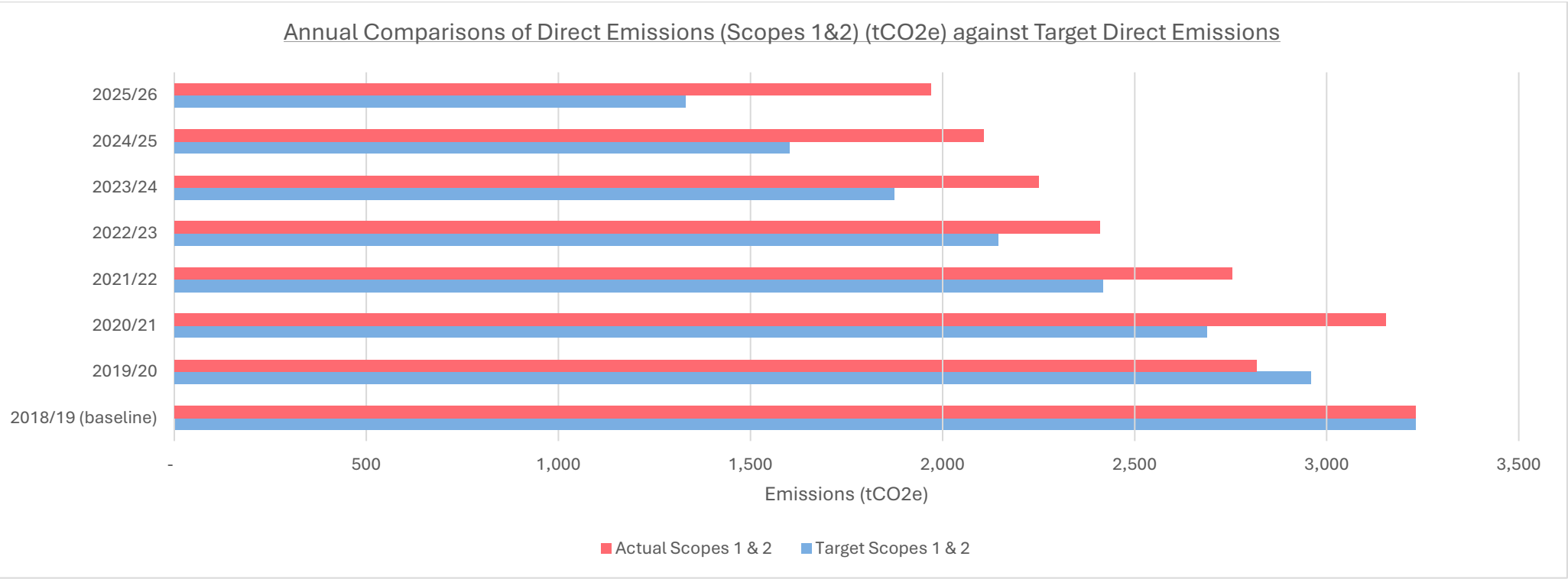


Year	Direct Emissions (tCO ₂ e)
2018/19	3,230
2023/24	2,250
2024/25	2,107
2025/26	1,969

The University’s direct carbon footprint decreased by 7% between 2024/25 and 2025/26, falling from 2,107 tCO₂e to 1,969 tCO₂e. Since the 2018/19 baseline year, direct emissions have decreased by 39%, demonstrating continued progress towards the University's net zero ambitions.

The reduction in 2025/26 was primarily driven by a 20% decrease in electricity emissions, which fell from 759 tCO₂e to 610 tCO₂e, reflecting the continued decarbonisation of the UK electricity grid and reductions in electricity demand across the estate. Gas emissions remained broadly unchanged, decreasing slightly from 1,299 tCO₂e to 1,293 tCO₂e.

While overall emissions continued to fall, increases were recorded in fleet vehicle emissions (+31%), and other fuels (+3%). These increases were offset by the substantial reduction in electricity-related emissions.



Overall, direct emissions were reduced by approximately 138 tCO₂e during 2025/26 and are now 39% below the 2018/19 baseline. Significant long-term reductions have been achieved in purchased electricity (-56%) and combined Scopes 1 and 2 emissions (-39%). Further progress towards the University's 2030 net zero target will depend largely on continued reductions in gas consumption and the decarbonisation of heating systems across the estate.

In Relation to Staff, Students and the Estate

While absolute emissions provide the most direct measure of progress towards net zero, the University also monitors emissions relative to its population (FTE) and estate size (GIA).

Indicator	2018/19	2025/26	Change
Direct emissions (tCO ₂ e)	3,230	1,969	-39%
FTE staff and students	9,304	8,990	-3%
Estate GIA (m ²)	81,172	82,332	+1%
Emissions per FTE (tCO ₂ e/FTE)	0.35	0.22	-37%
Emissions per GIA (tCO ₂ e/m ²)	0.040	0.024	-40%

Between 2018/19 and 2025/26, the University's combined staff and student population decreased slightly from 9,304 FTE to 8,990 FTE, while the estate increased from 81,172 m² to 82,332 m². During the same period, direct emissions fell from 3,230 tCO₂e to 1,969 tCO₂e. As a result, direct emissions per FTE decreased from 0.35 tCO₂e/FTE to 0.22 tCO₂e/FTE, a reduction of approximately 37%, while direct emissions per square metre decreased from 0.040 tCO₂e/m² to 0.024 tCO₂e/m², a reduction of approximately 40%. These reductions demonstrate that the University has continued to reduce the carbon intensity of both its operations and estate, despite maintaining a large and complex campus portfolio. Improvements have been driven primarily by reductions in electricity emissions, investment in energy efficiency measures, and the continued decarbonisation of the UK electricity grid.

This provides clear evidence that carbon reductions are being achieved through improved operational performance rather than through reductions in institutional activity or estate size

Indirect Emissions (Scope 3)

The University’s indirect carbon footprint consists of Scope 3 emissions. The most material sources are:

- Purchased goods and services (procurement)
- Student travel (term-time and out-of-term-time)
- Employee commuting

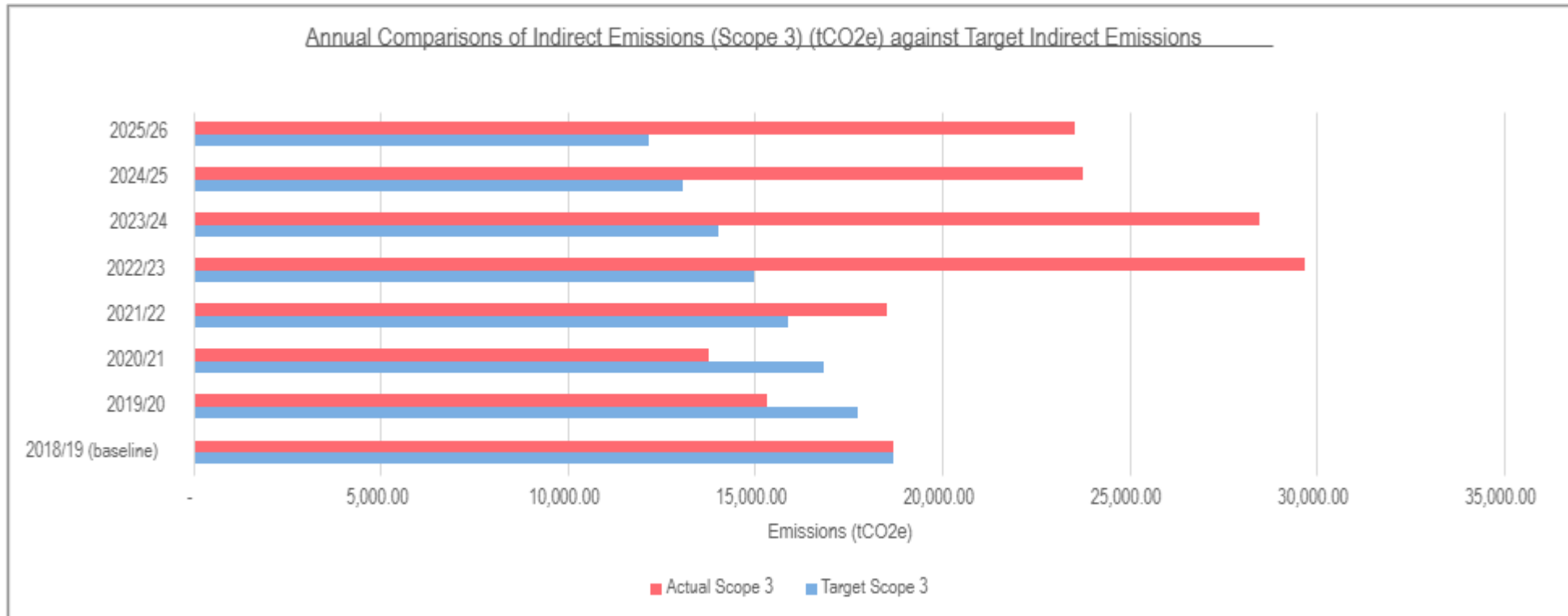
These are activities that the University can influence but does not directly control.

The University’s Scope 3 emissions decreased by 1%, from 23,776 tCO₂e in 2024/25 to 23,524 tCO₂e in 2025/26. Despite this reduction, emissions remain 26% above the 2018/19 baseline, largely due to the expansion of reporting boundaries required by the Standardised Carbon Emissions Reporting Framework (SCEF), including student travel to and from home addresses and downstream leased assets.

Between 2024/25 and 2025/26, reductions were achieved in:

- Business travel (-8%)
- Wastewater (-2%)
- Purchased water (-2%)
- Electricity transmission and distribution (-24%)

Procurement emissions remained largely unchanged, while increases occurred in student travel out of term time (+12%), employee commuting (+8%) and homeworking (+6%).



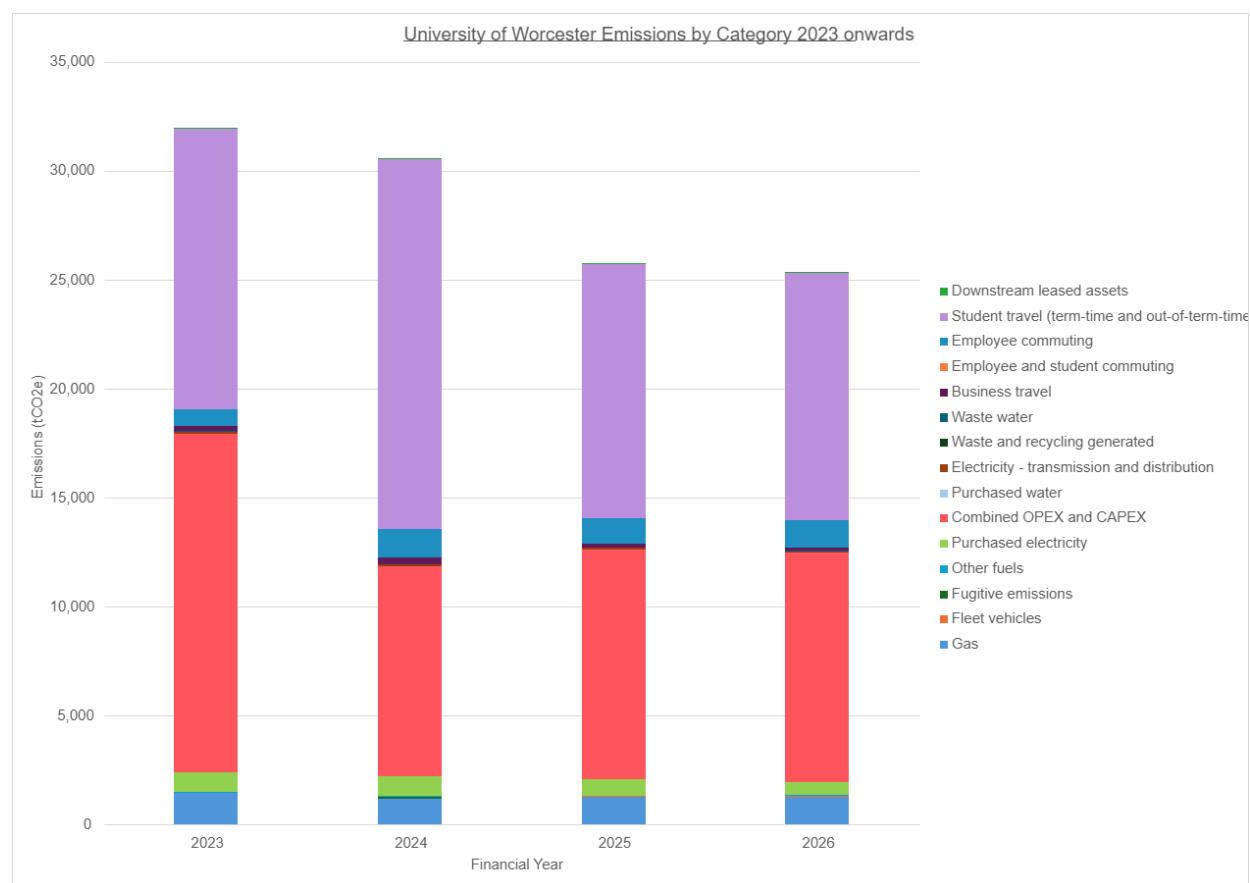
Overall, Scope 3 emissions reduced by 252 tCO₂e during 2025/26. Significant long-term reductions have been achieved in business travel (-67%), wastewater (-80%), purchased water (-51%), electricity transmission and distribution (-49%), and combined waste emissions (-83%) compared with their respective baseline

years. Future reductions will depend largely on progress in procurement, student travel, employee commuting and homeworking, which remain the University's largest sources of indirect emissions.

In Relation to Staff, Students and the Estate

Between 2018/19 and 2025/26, Scope 3 emissions increased from 18,701 tCO₂e to 23,524 tCO₂e (+26%), while FTE numbers fell slightly from 9,304 to 8,990 (-3%) and the estate increased from 81,172 m² to 82,332 m² (+1%). This increase is primarily due to the expansion of reporting boundaries under the Standardised Carbon Emissions Reporting Framework (SCEF), including the addition of student travel to and from home addresses and downstream leased assets.

As a result, Scope 3 emissions per FTE increased from 2.01 tCO₂e/FTE to 2.62 tCO₂e/FTE (+30%), while emissions per square metre increased from 0.23 tCO₂e/m² to 0.29 tCO₂e/m² (+24%). Both indicators have, however, fallen from their peaks in 2022/23 and 2023/24, reflecting recent improvements in the University's indirect carbon footprint.



Data Tables

The tables in this section show year-on-year progress against carbon reduction targets across all Scopes using an RAG rating system. To monitor progress in organisational change, the University also calculates carbon emissions per full-time equivalent staff and student numbers (FTE) and the gross internal area of the estate (GIA).

	Baseline 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
FTE	9304	8,863	8,466	9122	8636	8477	8621	8990
GIA (m2)	81,172	81,172	81,904	87,698	87,698	87,405	83,515	82332

Emissions performance against set targets is then assessed using the following RAG rating system:

Progress	RAG Rating
Target met	GREEN
Target not met	RED

Scopes 1&2 Combined (tCO2e)

	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	% change from 2024/25 figure	% change from baseline figure	Average pa % change since baseline year (2018/19)
Annual	3230	2817	3154	2754	2409	2241	2107	1969	-7%	-39%	-6%
Per GIA (m2)	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.02	-5%	-40%	-6%
Per FTE combined	0.35	0.32	0.37	0.32	0.26	0.23	0.22	0.022	-10%	-37%	-5%

TARGET: reduce emissions from energy by 8.4% per annum from a 2018/19 baseline of 3,188 tCO₂e

	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	% change from 2024/25 figure	% change from baseline figure	Average pa % change since baseline year (2018/19)
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Annual	1782	1719	2183	1813	1449	1184	1299	1293	0	-27%	-4%
Per GIA (m2)	0.02	0.02	0.03	0.02	0.02	0.01	0.02	0.02	1%	-29%	-4%
Per FTE combined	0.19	0.19	0.26	0.21	0.16	0.12	0.13	0.14	-5%	-24%	-3%

Fleet (tCO2e)

TARGET: reduce emissions from use of fleet vehicles by 8.4% per annum from a 2018/19 baseline of 42 tCO2e

	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	% change from 2024/25 figure	% change from baseline figure	Average pa % change since baseline year (2018/19)
Annual	42	30	12	22	24	27	32	42	31%	-2%	0%
Per GIA (m2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33%	-3%	0%
Per FTE combined	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25%	-29%	0%

Fugitive Emissions (tCO2e)

TARGET: maintain fugitive emissions under 10 tCO2e annually

	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	% change from 2024/25 figure	Target to stay under 10/annum
Annual	0	1	3	12	3	93	2	8	300%	Within target

Other Fuels (tCO2e)

TARGET: reduce emissions from energy by 8.4% per annum from a 2018/19 baseline of 3,188 tCO2e

	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	% change from 2024/25 figure	% change from baseline figure	Average pa % change since baseline year (2018/19)
Annual	8	8	8	12	8	16	16	16	3%	103%	15%
Per GIA (m2)	0	0	0	0	0	0	0	0	5%	100%	14%
Per FTE combined	0	0	0	0	0	0	0	0	-1%	110%	16%

Purchased Electricity (tCO2e)

TARGET: reduce emissions from energy by 8.4% per annum from a 2018/19 baseline of 3,188 tCO2e

Annual	18701	15322	13781	18537	29673	28479	23776	23524	-1%	26%	4%
Per GIA (m2)	0.23	0.19	0.17	0.21	0.34	0.33	0.28	0.29	-0%	24%	3%
Per FTE combined	2.01	1.73	1.63	2.13	3.24	2.87	2.43	2.62	-5%	30%	4%

Procurement - OPEX (tCO2e)

TARGET: reduce emissions from procurement by 5% per annum from a 2022-23 baseline of 11734 tCO2e

	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	% change from 2024/25 figure	% change from baseline figure	Average pa % change since baseline year (2022/23)
Annual					11734	8623	8887	8887.14	0%	-24.3%	-8.9%
Per GIA (m2)					0.13	0.10	0.11	0.11	1%	-15.4%	-5.4%
Per FTE combined					1.36	1.02	1.03	0.99	-4%	-22.7%	-8.2%

Procurement - CAPEX (tCO2e)

TARGET: reduce emissions from procurement by 5% per annum from a 2022-23 baseline of 3,806 tCO2e

	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	% change from 2024/25 figure	% change from baseline figure	Average pa % change since baseline year (2018/19)
Annual					3806	995	1628	1628	0%	-57.2%	-24.7%
Per GIA (m2)					0.04	0.01	0.02	0.02	1%	-50.0%	-20.6%
Per FTE combined					0.44	0.12	0.19	0.18	-4%	-59.1%	-25.8%

Procurement - Combined OPEX and CAPEX (tCO2e)

TARGET: reduce emissions from procurement by 5% per annum from a 2018/19 baseline of 9,784 tCO2e

	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	% change from 2024/25 figure	% change from baseline figure	Average pa % change since baseline year (2018/19)
Annual	9784	10355	8127	13962	15540	9617	10515	10515	0%	7%	1%

Per GIA (m2)	0.12	0.13	0.10	0.16	0.18	0.11	0.13	0.13	1%	6%	1%
Per FTE combined	1.05	1.17	0.96	1.6	1.7	0.97	1.08	1.17	-4%	11%	2%

Purchased Water (tCO2e)

TARGET: reduce emissions from water by 3% per annum from a 2018/19 baseline of 23 tCO2e

	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	% change from 2024/25 figure	% change from baseline figure	Average pa % change since baseline year (2018/19)
Annual	23	21	6	7	11	11	11	11	-2%	-51%	-7%
Per GIA (m2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1%	-51%	-7%
Per FTE combined	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6%	-48%	-7%

Electricity Transmission and Distribution (tCO2e)

TARGET: 8.4% per annum reduction required (in line with purchased electricity target)

	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	% change from 2024/25 figure	% change from baseline figure	Average pa % change since baseline year (2018/19)
Annual	119	91	84	82	80	82	79	61	-24%	-49%	-7%
Per GIA (m2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	23%	-50%	-7%
Per FTE combined	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.1	27%	-48%	-7%

Non-Construction Waste (tCO2e)

TARGET: reduce emissions from waste by 5% per annum from a 23/24 baseline of 2 tCO2e

	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	% change from 2024/25 figure	% change from baseline figure	Average pa % change since baseline year (2023/24)
Annual						2.4	1.2	1.5	25%	-37.5%	-14%
Per GIA (m2)						0.00	0.000014	0.000018	25.1%	-9.9%	-5.1%

Per FTE combined						0.00	0.000139	0.000165	18.2%	17.7	-9.3%
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Construction Waste (tCO2e)

TARGET: reduce emissions from waste by 5% per annum from a 23/24 baseline of 4 tCO2e

	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	% change from 2024/25 figure	% change from baseline figure	Average pa % change since baseline year (2023/24)
Annual						4	0.104	0.077	-26.1%	-98.1%	-86.1%
Per GIA (m2)						0.00	0.000001247	0.000000935	-25%	-98.1%	-86.0%
Per FTE combined						0.00	0.00001208	0.00000856	-29,1%	-97.9%	-85.4%

Combined Waste (tCO2e)

TARGET: reduce emissions from waste by 5% per annum from a 2018/19 baseline of 9 tCO2e

	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	% change from 2024/25 figure	% change from baseline figure	Average pa % change since
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											baseline year (2018/19)
Annual	9.12	6	6	6	7	6	1.304	1.557	19.4%	-82.9%	-11.8%
Per GIA (m2)	0.00	0.0	0.0	0.0	0.0	0.0	0.00001562	0.00001891	21.1%	-83.2%	-11.9%
Per FTE combined	0.00	0.0	0.0	0.0	0.0	0.0	0.00015128	0.00017315	14.5%	-82.3%	-11.8%

Wastewater (tCO2e)

TARGET: 3% per annum reduction required (in line with purchased water target)

	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	% change from 2024/25 figure	% change from baseline figure	Average pa % change since baseline year (2018/19)
Annual	46	43	11	13	12	13	10	9.464	-2.44%	-79.6%	-20.3%
Per GIA (m2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00011495	-1.04%	-79.89%	-20.5%
Per FTE combined	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.001053	-6.45%	-78.89%	-18.9%

Business Travel (tCO2e)

TARGET: reduce emissions from business travel by 8.4% per annum from a 2018/19 baseline of 530 tCO2e

	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	% change from 2024/25 figure	% change from baseline figure	Average pa % change since baseline year (2018/19)
Annual	530	264	28	83	232	302	189	175	-8%	-67%	-10%
Per GIA (m2)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6%	-67%	-10%
Per FTE combined	0.06	0.03	0.00	0.01	0.03	0.03	0.02	0.02	-11%	-66%	-9%

Combined Employee and Student Commuting (tCO2e)

TARGET: reduce emissions from employee and student commuting by 5% per annum from a 2018/19 baseline of 8,190 tCO2e plus additional student out-of-termttime 2022/23

	2018-19 baseline	2019-20	2020-21	2021-22	2022-23 baseline	2023-24	2024-25	2025-26	% change from 2024/25 figure	% change from	Average pa % change since
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										baseline figure	baseline year (2022/23)
Annual	8,190	4,552	5,519	4,384	17,647	18,610	13,799	12,808	-7%	56%	8%

Student Travel - Out of Term Time (tCO2e)

TARGET: 5% per annum reduction required (in line with overarching Scope 3 reduction target)

	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	% change from 2024/25 figure	% change from baseline figure	Average pa % change since baseline year (2022/23)
Annual					9457	10420	5609	6296	12.2%	-33.4	-12.7
Per FTE					1.10	1.23	0.65	0.70	7.6%	-36.0	-13.8

Student Travel - Term Time Emissions (tCO2e)

TARGET: reduce emissions from employee and student commuting by 5% per annum from a 2018/19 baseline of 8,190 tCO2e

	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	% change from 2024/25 figure	% change from baseline figure	Average pa % change since baseline year (2022/23)
Annual					3446	6528	6059	5054	-16.6%	46.7%	13.6%
FTE					0.40	0.77	0.70	0.56	-20.0%	40.9%	12.0%

Employee Commuting (tCO2e)

TARGET: reduce emissions from employee and student commuting by 5% per annum from a 2018/19 baseline of 8,190 tCO2e

	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	% change from 2024/25 figure	% change from baseline figure	Average pa % change since baseline year (2022/23)
Annual					777	1317	1139	1231	8.0%	58.4%	16.6%
FTE					0.09	0.16	0.13	0.14	3.6%	52.2%	15.0%

Employee Homeworking (tCO2e)

TARGET: 5% per annum reduction required (in line with overarching Scope 3 reduction target)

	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	% change from 2024/25 figure	% change from baseline figure	Average pa % change since baseline year (2022/23)
Annual					73	148	132	140	5.7%	91.4%	24.3%
FTE					0.00847	0.01740	0.01536	0.01557	1.4%	83.8%	22.5%

Downstream Leased Assets (tCO2e)

TARGET: 5% per annum reduction required (in line with overarching Scope 3 reduction target)

	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	% change from 2024/25 figure	% change from baseline figure	Average pa % change since baseline year (2022/23))
Annual					38	35	30	30	0%	-20.2%	-7.3%
GIA					0	0	0	0	1.4%	-14.9%	-5.2%
FTE					0	0	0	0	-4.1%	-23.3	-8.5%