

Annex C: Lewisham Climate KPIs

Ref	Leading By Example	Latest data	Year	Previous data	Data source / notes
1.1	Annual Lewisham Council corporate carbon emissions (tCO2e/year)	12,319 tCO2e	2022/23	↓5% 12,962 tCO2e (2021/22)	See notes below ¹ Trend since 2018/19 down 26%
1.2	CO2 saved through retrofit of corporate buildings and schools (tCO2e/year)	316 tCO2e	2022/23	No previous data	Compiled from delivery of grant funded projects. ²
1.3	Climate Emergency UK scored assessment	55% 13 th single tier authority in UK	2023	77% (2021) ↓ 1 place 12 th single tier authority in UK	Climate Emergency UK ³ Methodology changed 2021 to 2023.
1.4	Council staff reporting that they consider the impact their work has on the environment	65%	2022	No previous data	Lewisham Council staff survey
1.5	Council staff responding to the travel survey identifying car as main mode of transport to work	49%	2023	No previous data	Staff travel survey 2023
1.6	Corporate fleet carbon emissions (tCO2e/year)	1,959 tCO2e	2022/23	↑5% 1,870 (2021/22)	Lewisham corporate carbon emissions reporting.
1.7	Carbon intensity of the Lewisham Pension Fund listed mandates (tCO2 per £1m)	29.8 tonnes per £1m invested	2023	↓86% 353 tCO2e per £1m invested (2019)	Annual report to Lewisham Pension Fund Committee ⁴ . The 2023 data is a reduction against industry benchmark figures of 70%.

Ref	Sustainable Housing	Latest data	Year	Previous data	Data source / notes
2.1	Annual CO2e emissions in the Lewisham Council housing stock (tCO2e/year)	51,085 tCO2e	n/a	No previous data	Estimated, see notes below ⁵
2.2	Lewisham Council housing stock energy efficiency rating (average SAP)	72	2021	No previous data	Lewisham Homes Sustainability Strategy 2021-2030 ⁶
2.3	Carbon saved through retrofit works across the Lewisham Council housing stock (tCO2e/year)	74.34 tCO2e	2022/23	↓9% 82.08 tCO2e (2021/22)	Data compiled from delivery of grant programmes and planned maintenance ⁷ Reduction due to lower number of roof and wall insulation works recorded in 2022/23
2.4	Homes retrofitted in Lewisham all tenures (cumulative total since 2022/23)	169	2022/23	↓42% 292 retrofits completed in (2021/22)	Data compiled from delivery of grant programmes and other funding see notes ⁸ Reduction down to changes in the Energy Company Obligation.
2.5	Vulnerable Lewisham households supported to cut the cost of heating their home (annual)	1,152 households	2022/23	↑99% 580 households (21/22)	Compiled from Lewisham Council's Warm Homes Advice Service GLA monitoring return 2023
2.6	Carbon emissions associated with housing in the borough	342.1 ktCO2e	2021	↑4% 329.8 ktCO2e (2020)	UK local authority greenhouse gas emissions ⁹ Trend since 2005 ↓40% 570.9 kt(CO2e)

Ref	Decarbonised Transport	Latest data	Year	Previous data	Data source / notes
3.1	Lewisham School Streets (cumulative total)	39 schools 48 streets	Oct 2023	39 schools 48 streets (Feb 2023)	School Streets project database. Note: 17 streets in progress, new data expected by end of 23/24
3.2	Electric vehicle charging points approved or delivered (cumulative total)	250	Sept 2023	↑63.4% 153 (2022/23)	EVCP project database. Target 193 Corporate Dashboard Indicator
3.3	Cycle hangers installed	160	2022/23	↑32% 121 (2021/22)	Project database Notes: latest for 23/24 181 target 235 Corporate Dashboard Indicator
3.4	Controlled Parking Zones coverage in borough	23%	Nov 2023	23%	Healthy Streets Scorecard ¹⁰ Note: expected to increase by end of March 2024
3.5	% residents living within 400m of a strategic cycle network	12%	Dec 2022	↓25% 16% (Dec 2021)	TfL LIP3 MTS data pack ¹¹ Reduction assumed to be removal of Covid related measures on highways.
3.6	Proportion of adults in Lewisham who walk or cycle for any purpose 3 times a week	53.6%	2022	↓2% 54.7 (2021)	Department for Transport Participation in Walking and Cycling (local authority rates) ¹² Overall increase over last five years from 50.4% in 2017
3.7	Motor vehicle traffic (vehicle miles) by local authority (million miles)	443	2022	↓0.2% 444 (2021)	Department for Transport ¹³
3.8	% Lewisham households no car	47.7%	2021	↓0.8% 48.1% (2011)	Census ¹⁴
3.9	Carbon emissions associated with transport in the borough	191.4 ktCO ₂ e	2021	↓2% 195.5ktCO ₂ e (2020)	UK local authority greenhouse gas emissions ¹⁵ Trend since 2005 ↓36% 301.2 ktCO ₂ e

Ref	Greener Adaptive Lewisham	Latest data	Year	Previous data	Data source / notes
4.1	Trees planted annually	559 street trees 62 parks trees 660 saplings / whips	2022/23	↑90% 294 street trees ↓64% 174 parks trees ↓16% 790 saplings/whips (2021/22)	Parks and Open Spaces Annual Monitoring Return Corporate Dashboard Indicator
4.2	Area of living roofs in Lewisham (m ²)	105,472m ²	2023	↑119.7% 48,000m ² (2015)	Commissioned aerial survey 2023
4.3	Annual investment in Lewisham open spaces	£178,561	2022/23	↑35.8% £131,480 (2021/22)	Compiled from projects funded by external or internal funds. 2021/22 data excludes large-scale multiple year funding for Beckenham Place Park (£795,000).
4.4	Area hardstanding surface disconnected from drainage system m ²	700m ²	2022/23	No previous data	Compiled from projects delivered
4.5	Number of days air quality levels are above threshold	NO2 - 2 PM2.5 - 4 PM10 - 9	2023	↑%n/a NO2 - 0 ↓69% PM2.5 - 13 ↓10% PM10 - 10 (2022)	Data from continuous monitoring stations. 2023 data up to end of September. Data from the London Air site ¹⁶ . AQ data impacted by traffic volumes and weather conditions Corporate Dashboard Indicator
4.6	Residual waste per household (kg)	44.98kg	Q1 2023/24	↑4.6% on Q1 2022/23 (43.00kg)	WasteDataFlow returns to the Environment Agency. Target 40kg Corporate Dashboard Indicator
4.7	Household waste sent for recycling/reuse/composting	27%	Q1 2023/24	↑25% since Q1 2022/23 (21.61%)	WasteDataFlow returns to the Environment Agency. Target 35% Corporate Dashboard Indicator
4.8	Accumulative carbon removal projection for Lewisham owned trees (tCo2) annual	693 tCo2	2023-24	No previous data	Arbortrack report on carbon storage across the Council owned/managed tree population

Ref	Inspiring Learning and Lobbying	Data	Year	Previous data	Data source / notes
5.1	Representatives from schools participating in the Lewisham Schools' Climate Network	45 school reps at 14 events	2022/23	↑73% 26 school reps from 4 events (2021/22)	Years are school term years. Data compiled at meetings of the network
5.2	Lewisham Climate Action Investment: funding raised and spent	£659,957 raised	2023	No previous data	See notes below ¹⁷
5.3	Residents surveyed indicating a positive response to Council climate emergency communications	21%	2021	No previous data	Lewisham Channel Insight Survey. Measures residents responding that they were aware of the Council's on Lewisham's communications on climate emergency communications activity and agreeing that it resonated with them. New data expected in Nov 2023
5.4	% of residents identifying that solving the climate crisis is a shared responsibility	77%	2021	No previous data	Lewisham Residents Survey ¹⁸
5.5	Carbon emissions associated with commercial, business and industry in the borough	131.5 ktCO2e	2021	↑14% 115 ktCO2e (2020)	UK local authority greenhouse gas emissions ¹⁹ Trend since 2005 ↓58% 313.4 ktCO2e

References

¹ <https://lewisham.gov.uk/-/media/environment/lewisham-council-corporate-carbon-emissions-report-2020-21.ashx?la=en>

² Lewisham Public Sector Decarbonisation Scheme 1b Brockley Rise, Granville Park, Grove Park Adult Education centres, Leemore Resource Centre, Lewisham Crematorium, Sydenham Centre, Dalmain, Downderry and Myatt Garden

³ <https://councilclimatescorecards.uk/>

⁴ <https://councilmeetings.lewisham.gov.uk/ieListDocuments.aspx?CId=181&MId=8073>

⁵ Total number of properties 19,000 <https://www.lewishamhomes.org.uk/about/>; average occupancy 2.46 (Census 2021 data borough population 300,600 and 122,392 households; per capita carbon emissions 2.3 tCO₂e (see footnote 6); % per capita emissions associated with housing 47.52%. Calculation $19,000 * 2.46 * 2.3 * 0.4752 = 51,084.95$

⁶ <https://www.lewishamhomes.org.uk/document/sustainability-strategy-2021-2030/>

⁷ Local Authority Delivery 1b

⁸ Includes properties receiving energy efficiency works under the following programmes: Energy Company Obligation, Mayor of London's Sustainable Warmth, Lewisham Council Housing Grants Team, Lewisham Homes works where more than one energy efficiency measure installed. 21/22 data 304 home retrofits completed 22/23 169 home retrofits completed 23/24 (up to Sept 23) 58 completed

⁹ <https://www.gov.uk/government/collections/uk-local-authority-and-regional-greenhouse-gas-emissions-national-statistics>

¹⁰ <https://www.healthystreetsscorecard.london/>

¹¹ <http://planning.data.tfl.gov.uk/>

¹² <https://www.gov.uk/government/statistical-data-sets/walking-and-cycling-statistics-cw>

¹³ <https://www.gov.uk/government/statistical-data-sets/road-traffic-statistics-tra#traffic-by-local-authority-tra89>

¹⁴ <https://www.ons.gov.uk/census/maps/choropleth/housing/number-of-cars-or-vans/number-of-cars-3a/no-cars-or-vans-in-household?lad=E09000023>

¹⁵ <https://www.gov.uk/government/collections/uk-local-authority-and-regional-greenhouse-gas-emissions-national-statistics>

¹⁶ <https://www.londonair.org.uk/LondonAir/Default.aspx> PM_{2.5} particulate matter with a diameter of 2.5 micrometres or less, PM₁₀ particulate matter with a diameter of 10 micrometres or less; NO₂ Nitrogen Dioxide. Threshold = above moderate i.e. medium to very high (in accordance with current Defra's Air Pollution Index System)

¹⁷ <https://www.abundanceinvestment.com/our-investments/councils/lewisham-climate-action-investment-2028>

¹⁸ <https://lewisham.gov.uk/mayorandcouncil/aboutthecouncil/performance/residents--survey> the measure is the % of respondents to the residents' survey that identified responsibility as shared across central, regional and local government, the private sector and individuals

¹⁹ <https://www.gov.uk/government/collections/uk-local-authority-and-regional-greenhouse-gas-emissions-national-statistics>