Dover District Council
Greenhouse Gas report 2025-2026

COMPANY INFORMATION
Dover District Council is a local authority constituted under the Local Government Act 1972. The principal office is located at the White Cliffs Business Park, Dover, Kent CT16 3PJ

REPORTING PERIOD
1 April 2025 to 31 March 2026

SUMMARY OF CHANGE IN EMISSIONS
For the council operations gas use in buildings such as Dover Leisure Centres, Whitfield Council offices and the Maison Dieu contribute over 51% of emissions, the waste fleet 45% or emissions and the rest of the council activities result in the remaining 4% of emissions. Electricity is covered by REGOs/EACs ensuring renewable energy certificates for all electricity used. The closure and redevelopment of Tides Leisure Centre has significantly reduced the emissions of the council.

Overall energy consumption in kWh (Scope 1 and 2 (gas and electricity) has decreased by 2.43% in 2025/264 compared with 2024/25.
Scope 1 Stationary (gas kWh) saw a 39% reduction in 2025/26 compared to 2024/25
Scope 2 Stationary (electricity kWh) saw a 4.77% increase in 2025/26 compared to 2024/25
Scope 3 Stationary Managed Assets (electricity kWh) saw a 63% reduction 2025/26 compared to 20224/25
Scope 1 Transport (Council owned vehicles) – mileage emissions saw a reduction of 27% in 2025/26 compared to 2024/25
Scope 3 Transport (Waste fleet, Business travel by vehicles not owned by the Council/ public transport) – saw a reduction of 0.3% in 2025/26 compared to 2024/25
Overall, there has been a reduction of 65.6% in CO^2e emissions between the baseline year (2008/09) and current reporting year of 2025/26

National and international warming trends
The MET office described 2025 as "2025 was a double record-breaker: the UK's warmest and sunniest year on record. A key feature was the prolonged warm, dry, and sunny weather across much of the UK during the spring and summer. Parts of the country, particularly central England, experienced several heatwaves during July and August."
NASA described 2025 as "Earth's global surface temperature in 2025 was slightly warmer than 2023 – but within the margin of error: the two years are effectively tied according to an analysis by NASA scientists." In 2023, Earth's average surface temperature reached unprecedented levels. NASA has reported that global temperatures in 2023 were about 2.1°F (1.2°C) above the 1951–1980 baseline.

Dover District Council's - Greenhouse Gas Emissions (GHG) Report

APPROACH

Energy usage has been calculated using the NI185 National Performance Indicator data set. CO^2 equivalent (Co2e) emission data has been recalculated using the GHG emissions conversion factors published on the Government website. This includes Scope 3 discretionary elements relating to business mileage, transmission and distribution of electricity and electricity consumption of managed assets.

The energy usage/ distance travelled has been totalled under each scope using the appropriate 2023 conversion factors and converted the energy usage to tonnes of CO2e. These figures have been carried forward to the table of GHG emissions shown on the following pages.

ORGANISATIONAL BOUNDARIES

The financial control approach has been used.

Dover District Leisure Centre is leased to private management organisation, and the waste/ recycling collection is contracted out to a private company. Tides Leisure Centre and Tennis Hall was managed directly this year. EACs were purchased for the Leisure Centre while the contractor purchased REGO certificates for the waste depot.

BASE YEAR

The base year is 2008/09. There is not accurate data prior to this date.

TARGETS

The Council's ambition to reduce emissions reflects National targets. Dover District Council declared a Climate Change Emergency in January 2020 with the ambition to become a net zero carbon emitter by 2030.

INTENSITY MEASUREMENT

Tonnes of CO^2e per square metre (m^2) of corporate building space is used for the intensity measurement metric as a useful comparator.

The intensity measurement for 2025/26 is 1332.05/27,634 – giving a measurement of 0.048 tonnes CO^2e per m^2 or 71.8 Kg CO^2e per m^2.

The 2008/09 intensity measurement was 3877.65/22,163 – giving a measurement of 0.175 tonnes CO^2e per m^2 or approximately 175.0 Kg CO^2e per m^2.

This equates to a decrease of 65.6% in 2023/2024 compared to the baseline year.

ASSURANCE STATEMENT

All data used to calculate the GHG report has been filed and stored and may be audited if necessary.

Summary of most significant emitters and change in consumption by SCOPE 1, 2 and 3

SCOPE 1 (Gas consumption - all reported buildings - includes all owned and controlled buildings and managed assets)
Dover District Leisure Centre has reduced its gas use this year. Tides Leisure Centre was brought back into direct management this year and has closed poolside operations for redevelopment which has seen significant emission reduction. The other Council owned assets such as Council Offices Whitfield, Kearsney Abbey Café, Dover Museum have reduced gas usage across all three sites which has resulted in lower emissions totals for these buildings compared to 2025/26. Dover Town Hall (Maison Dieu) is now fully operational and increased its gas use as expected after its refurbishment.

SCOPE 2 (Electricity - Council owned and controlled buildings)
Electricity consumption has reduced at Dover Museum, Council Offices and Tides Leisure Centre.
Since September 2019 electricity purchased for the Council's own estate has been via REGOS (Renewable Energy Guarantee of Origins). These certificates are issued to generators for renewable power they put into the grid. The REGO graph below explains the assets using REGOs. EACs (Energy attribute certificates) were purchased for Tides this year.

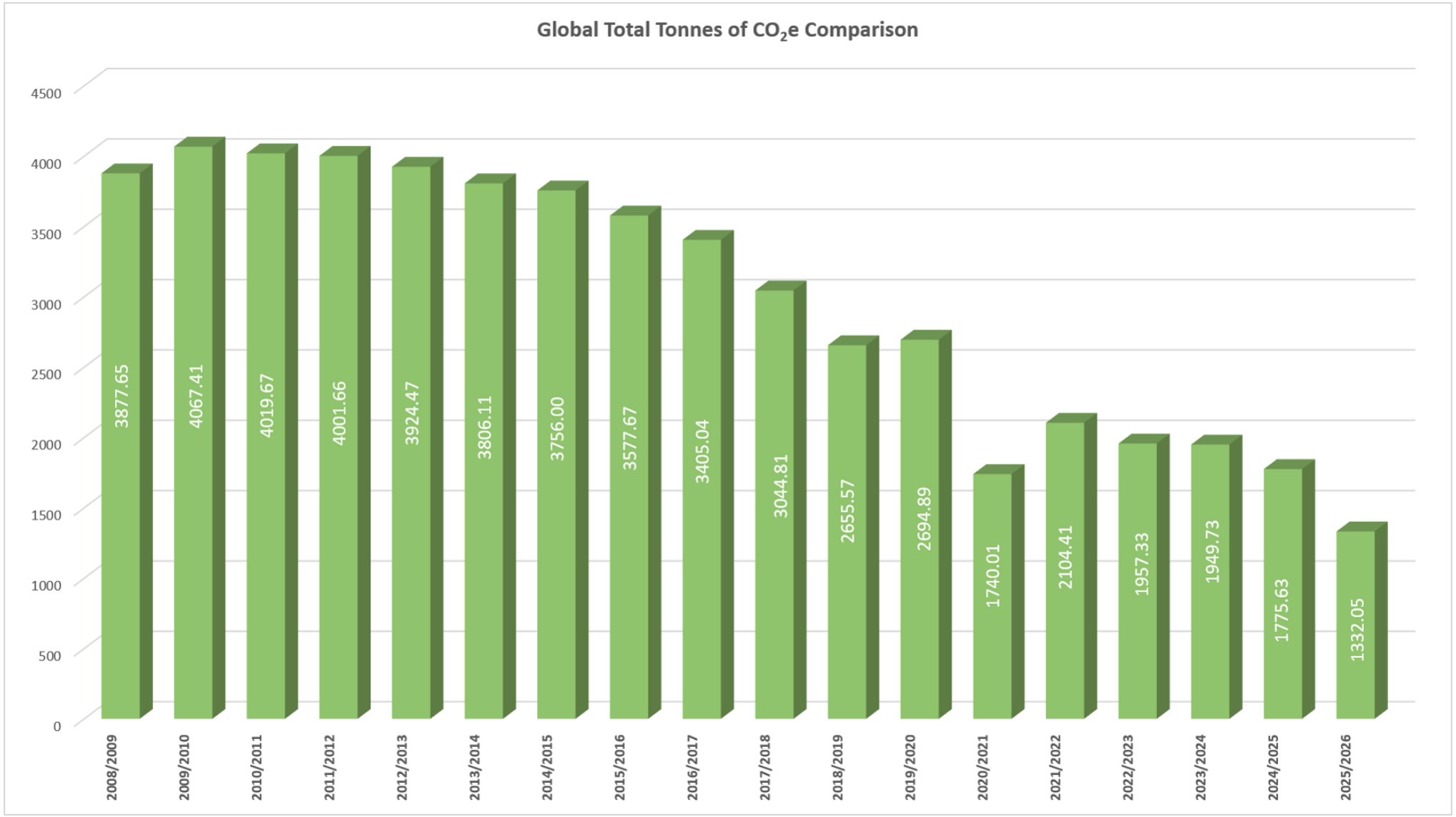
SCOPE 3 (Transmission and Distribution emissions from electricity used for Council controlled buildings and Electricity Consumption in buildings owned but managed by outside organisations).
There was in increase in transmission and distribution emissions in 2025/26 compared to 2024/25
Emissions from managed assets decreased due to the redevelopment of Tides Leisure Centre and the solar array at Dover Leisure Centre reduced emissions further. EACs have been purchased for both Leisure Centres.

SCOPE 1 Transport (Council owned & controlled vehicles - own fleet)
There was a reduction in emissions from council owned vehicles in 2025/2026. This was mainly due to some departments moving to Hybrid vehicles, and older fleet vehicles being replaced.

SCOPE 3 Transport (vehicles not owned or controlled by the Council)
There was an overall 0.3% decrease in emissions for scope 3 emissions.

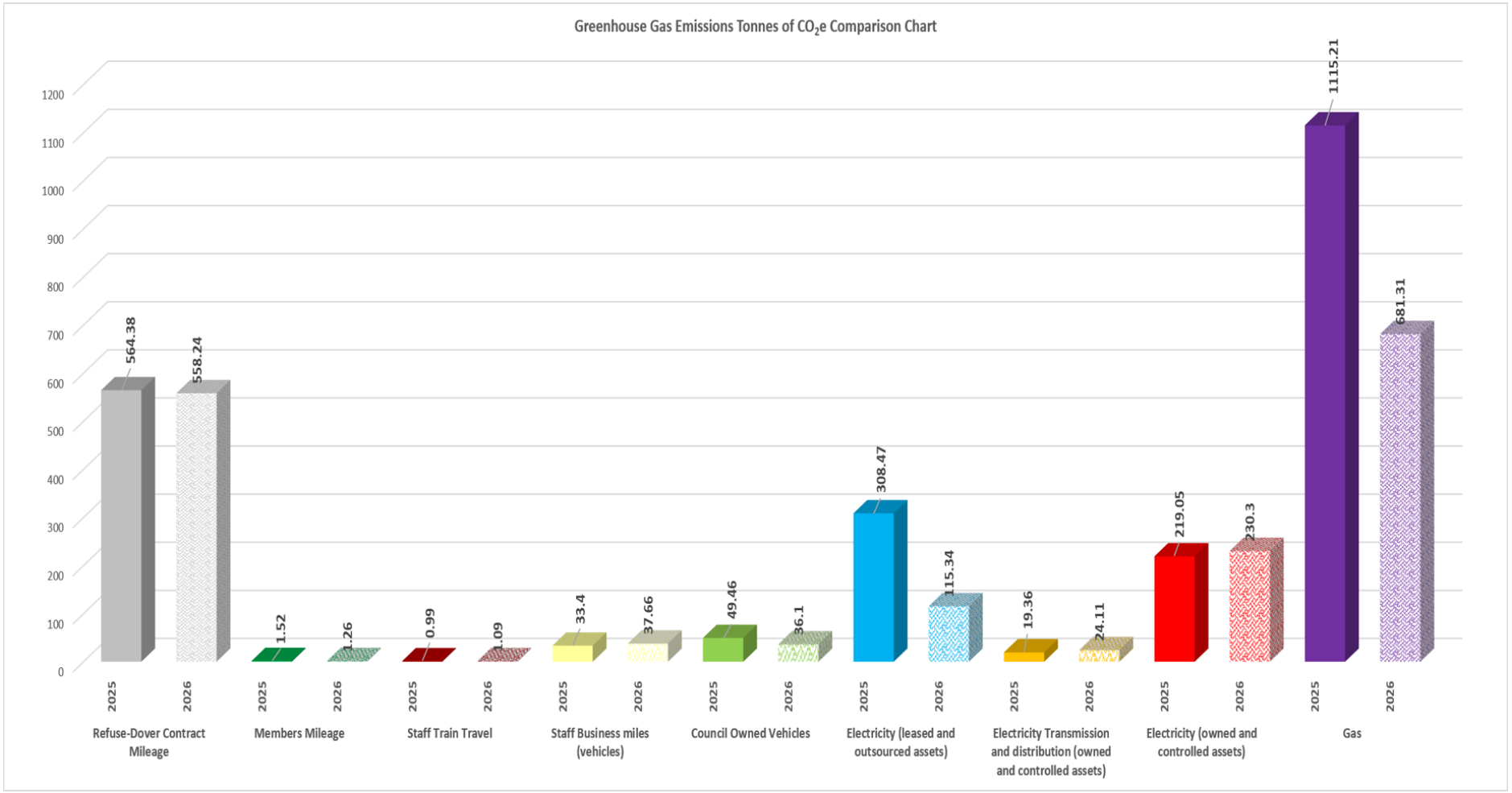
		GHG EMISSIONS DATA FOR PERIOD 1ST APRIL 2008 to 31st MARCH 2026																
		Global Tonnes of C02e																
	2025 - 2026	2024 - 2025	2023 - 2024	2022 - 2023	2021 - 2022	2020 - 2021	2019 - 2020	2018 - 2019	2017 - 2018	2016 - 2017	2015 - 2016	2014 - 2015	2013 - 2014	2012 - 2013	2011 - 2012	2010 - 2011	2009 - 2010	2008 - 2009
Scope 1	717.4	1164.67	1050.36	1084.02	1233.98	811.26	1260.51	1171.30	1210.00	1190.96	1200.50	1177.00	1206.81	1206.81	1221.01	1212.43	1169.31	1130.47
Scope 2	230.3	219.05	173.09	169.19	194.68	347.47	434.16	502.67	641.00	783.13	872.84	976.00	944.67	1630.04	1796.70	1970.60	2036.55	2039.06
Scope 3	737.69	928.11	903.73	872.80	856.31	786.97	1014.89	991.60	1193.81	1430.95	1504.33	1603.00	1655.14	1087.62	986.18	839.44	863.60	710.94
Total Gross Emissions	1685.398	2311.83	2127.18	2126.02	2291.50	1945.70	2709.56	2665.57	3044.81	3405.04	3577.67	3756.00	3806.47	3924.47	4003.89	4022.47	4069.41	3880.47
Carbon Offsets REGO & EACs for purchased electricity (scope 2 and scope 3)	345.63	527.52	172.85	157.43	173.63	202.66	-	-	-	-	-	-	-	-	-	-	-	-
Wind Turbine	-	-	-	-	-	-	-	-	-	-	-	-	-		2.23	2.80	2.00	2.82
Solar PV generation	7.71	8.69	4.59	11.26	6.93	3.03	14.67	-	-	-	-	-	-	-	-	-	-	-
Total annual net emissions	**1332.05**	**1775.62**	**1949.74**	**1957.32**	**2104.41**	**1740.01**	**2694.89**	**2655.57**	**3044.81**	**3405.04**	**3577.67**	**3756.00**	**3806.11**	**3924.47**	**4001.66**	**4019.67**	**4067.41**	**3877.65**

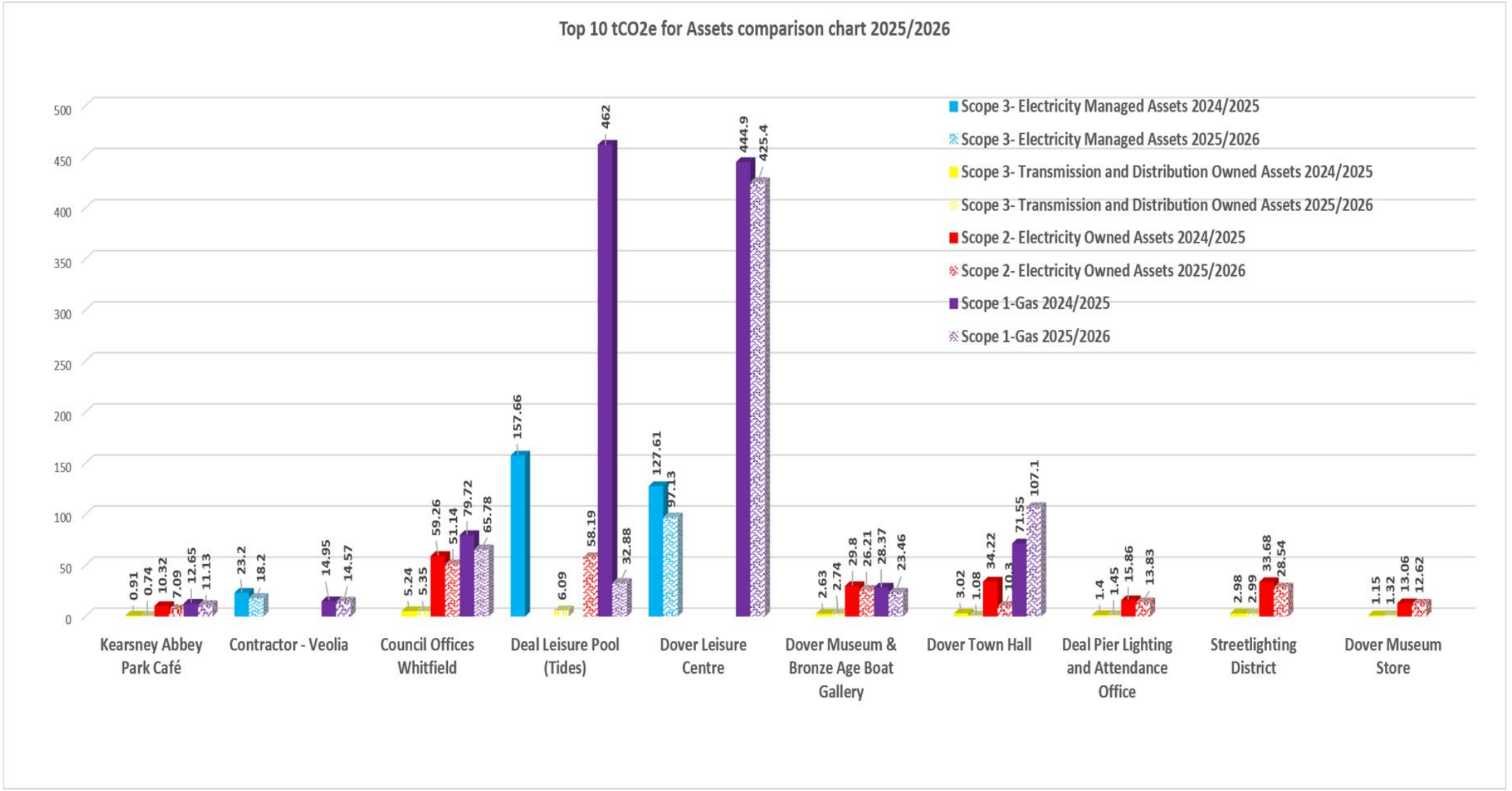
DDC Total global Tonnes of CO2e annual comparison 2008/9 to 2025/26

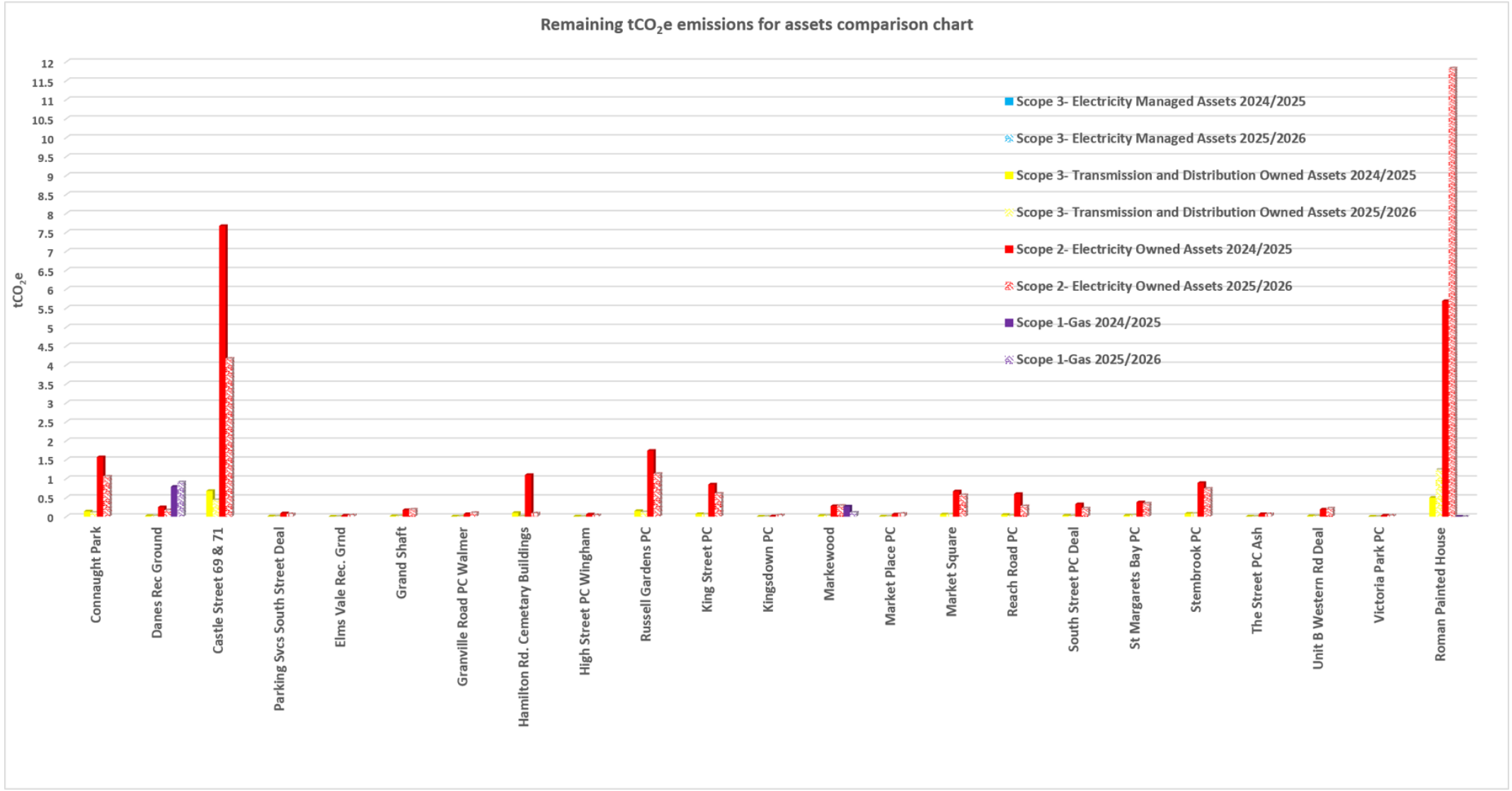


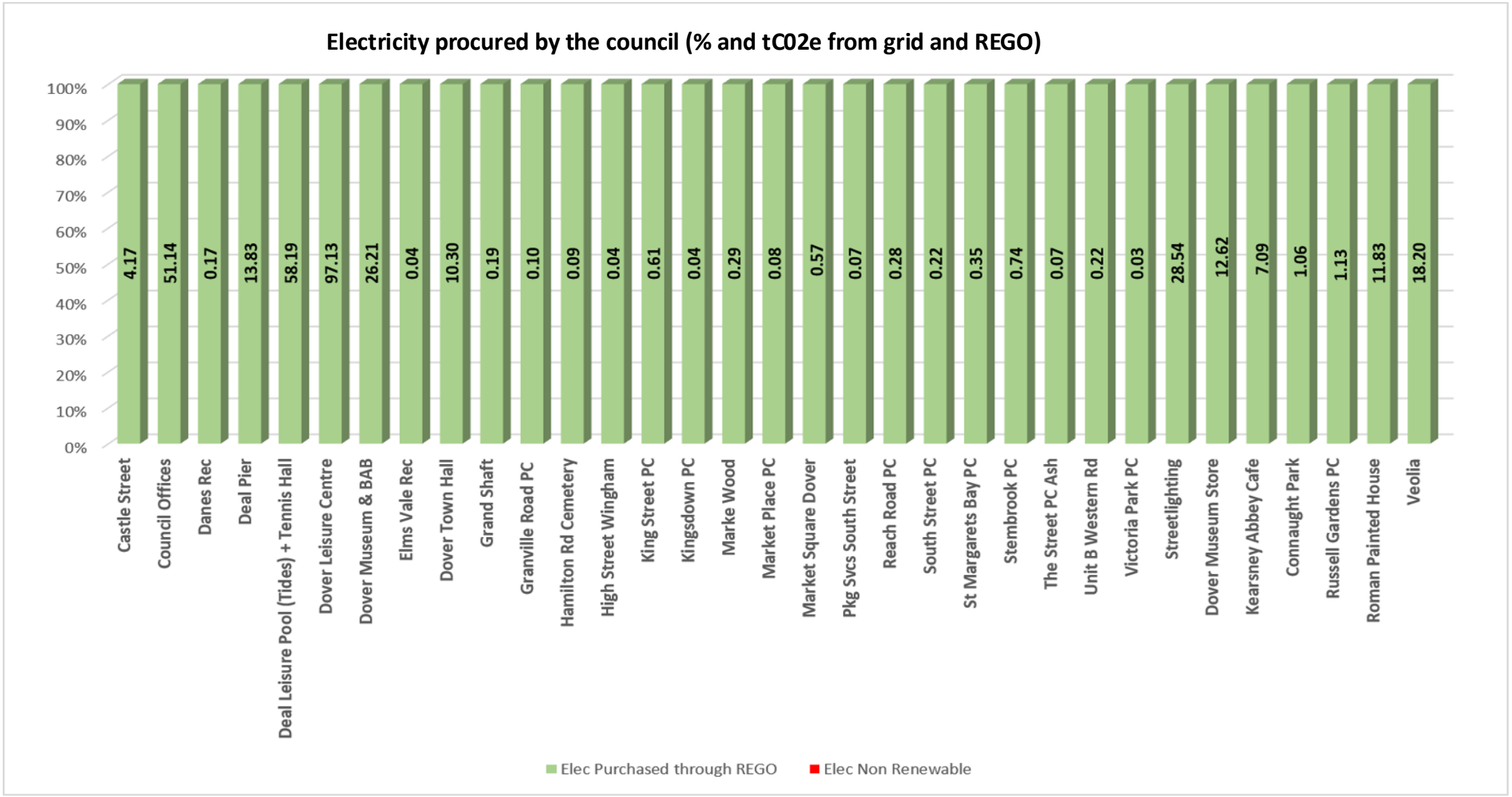
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Greenhouse Gas Emissions Tonnes of CO2e 2022/23 - 2023/24 Comparison Chart

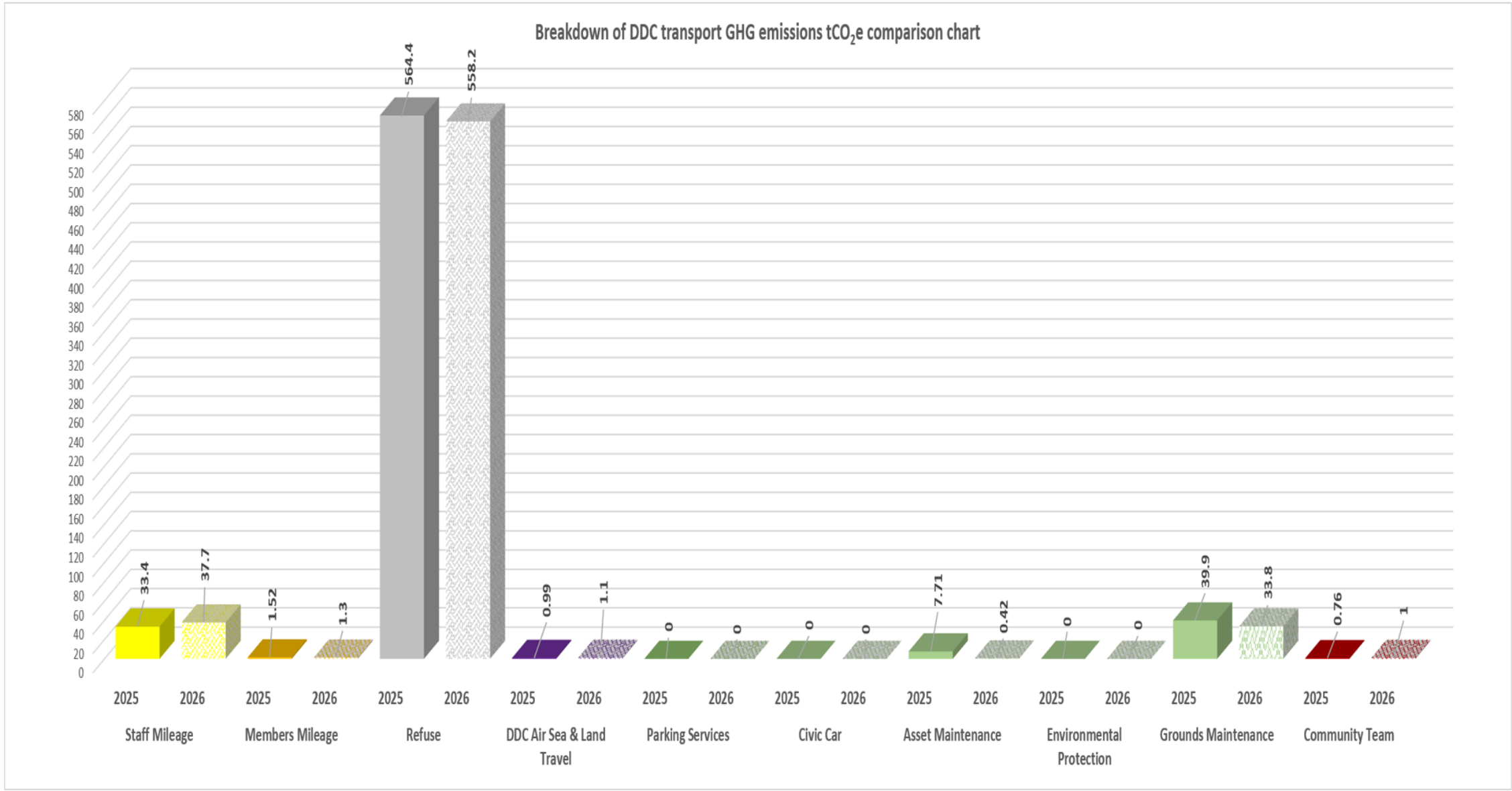


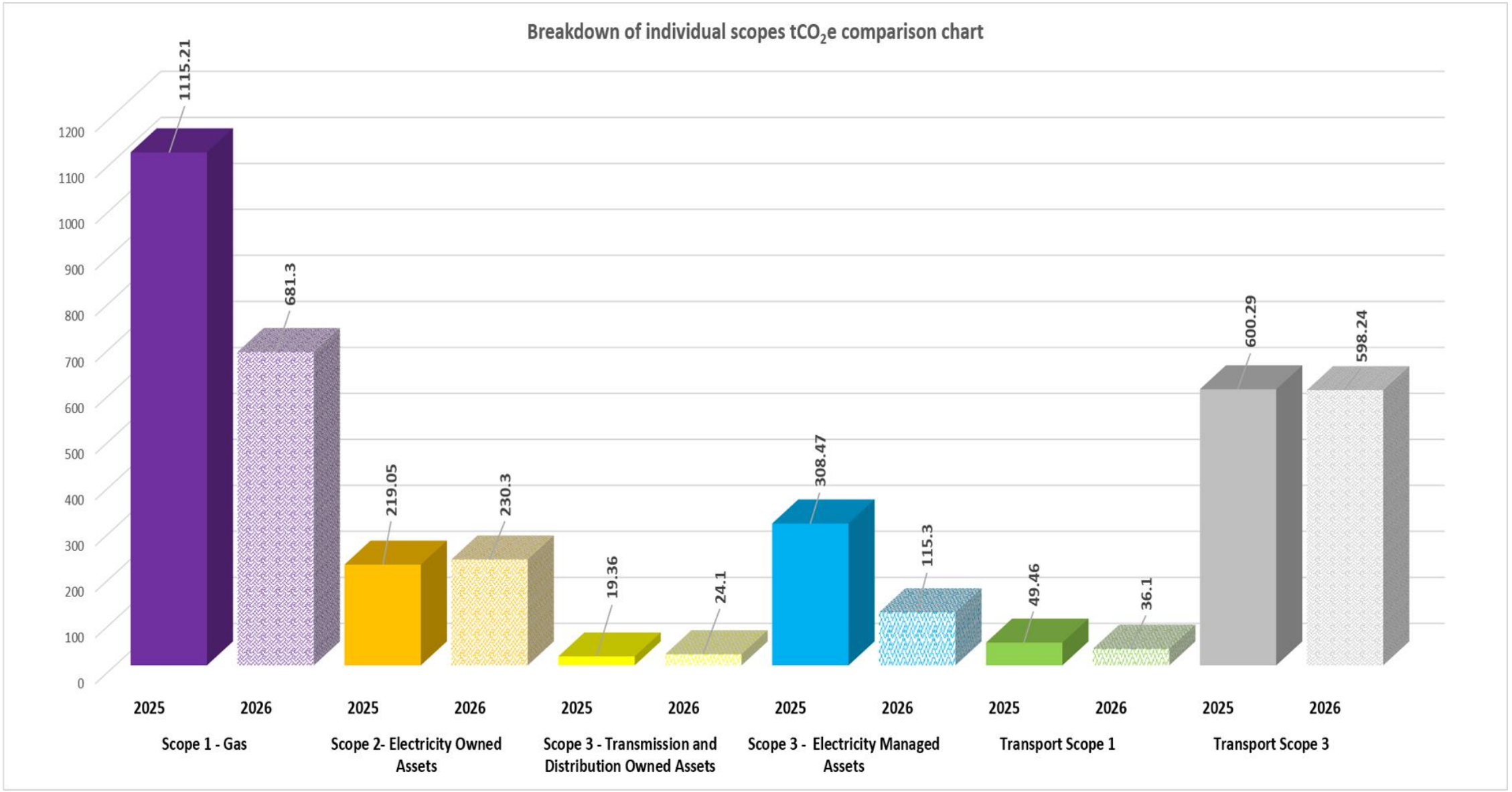

Top 10 tCO2e for Assets comparison chart 2025/2026
Scope 3- Electricity Managed Assets 2024/2025
Scope 3- Electricity Managed Assets 2025/2026
Scope 3- Transmission and Distribution Owned Assets 2024/2025
Scope 3- Transmission and Distribution Owned Assets 2025/2026
Scope 2- Electricity Owned Assets 2024/2025
Scope 2- Electricity Owned Assets 2025/2026
Scope 1-Gas 2024/2025
Scope 1-Gas 2025/2026
500
450
400
350
300
250
200
150
100
50
0
0.91
0.74
10.32
7.09
12.65
11.13
23.2
18.2
14.95
14.57
5.24
5.35
59.26
51.14
79.72
65.78
157.66
6.09
58.19
462
32.88
127.61
97.13
444.9
425.4
2.63
2.74
29.8
26.21
28.37
23.46
3.02
1.08
34.22
10.3
71.55
107.1
1.4
1.45
15.86
13.83
2.98
2.99
33.68
28.54
1.15
1.32
13.06
12.62
Kearsney Abbey Park Café
Contractor - Veolia
Council Offices Whitfield
Deal Leisure Pool (Tides)
Dover Leisure Centre
Dover Museum & Bronze Age Boat Gallery
Dover Town Hall
Deal Pier Lighting and Attendance Office
Streetlighting District
Dover Museum Store


Remaining tCO2e emissions for assets comparison chart
tCO2e
12
11.5
11
10.5
10
9.5
9
8.5
8
7.5
7
6.5
6
5.5
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Scope 3- Electricity Managed Assets 2024/2025
Scope 3- Electricity Managed Assets 2025/2026
Scope 3- Transmission and Distribution Owned Assets 2024/2025
Scope 3- Transmission and Distribution Owned Assets 2025/2026
Scope 2- Electricity Owned Assets 2024/2025
Scope 2- Electricity Owned Assets 2025/2026
Scope 1-Gas 2024/2025
Scope 1-Gas 2025/2026
Connaught Park
Danes Rec Ground
Castle Street 69 & 71
Parking Svcs South Street Deal
Elms Vale Rec. Grnd
Grand Shaft
Granville Road PC Walmer
Hamilton Rd. Cemetary Buildings
High Street PC Wingham
Russell Gardens PC
King Street PC
Kingsdown PC
Markewood
Market Place PC
Market Square
Reach Road PC
South Street PC Deal
St Margarets Bay PC
Stembrook PC
The Street PC Ash
Unit B Western Rd Deal
Victoria Park PC
Roman Painted House



Note: Dover Leisure Centre and Tides Leisure Centre electricity is procured by the operators.


Breakdown of DDC transport GHG emissions tCO2e comparison chart
580
560
540
520
500
480
460
440
420
400
380
360
340
320
300
280
260
240
220
200
180
160
140
120
100
80
60
40
20
0
33.4
37.7
1.52
1.3
564.4
558.2
0.99
1.1
0
0
0
0
7.71
0.42
0
0
39.9
33.8
0.76
1
2025
2026
Staff Mileage
Members Mileage
Refuse
DDC Air Sea & Land Travel
Parking Services
Civic Car
Asset Maintenance
Environmental Protection
Grounds Maintenance
Community Team


Breakdown of individual scopes tCO2e comparison chart
1115.21
681.3
219.05
230.3
19.36
24.1
308.47
115.3
49.46
36.1
600.29
598.24
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
2025
2026
Scope 1 - Gas
Scope 2- Electricity Owned Assets
Scope 3 - Transmission and Distribution Owned Assets
Scope 3 - Electricity Managed Assets
Transport Scope 1
Transport Scope 3

Glossary

GHG	Green House Gas – Carbon dioxide, Methane, Nitrous oxide
CO2e	Carbon dioxide equivalent
kWh	Kilowatt-hour
REGO	This scheme provides certificates called REGOs which demonstrate electricity has been generated from renewable sources.
Scope 1 emissions	Scope 1 covers emissions from sources that an organisation owns or controls directly, for example from burning fuel in our fleet of vehicles (if they're not electrically-powered). What are scope 1, 2 and 3 carbon emissions? | National Grid Group
Scope 2 emissions	Scope 2 are emissions that a company causes indirectly and come from where the energy it purchases and uses is produced. What are scope 1, 2 and 3 carbon emissions? | National Grid Group
Scope 3 emissions	Scope 3 encompasses emissions that are not produced by the company itself and are not the result of activities from assets owned or controlled by them, but by those that it's indirectly responsible for up and down its value chain. Scope 3 emissions include all sources not within the scope 1 and 2 boundaries. What are scope 1, 2 and 3 carbon emissions? | National Grid Group
Intensity Measure	Carbon emissions intensity refers to the emissions attributed to a facet of an organization's operations. It's calculated by dividing the total emissions by a metric of an operation, such as the number of products/units produced, the number of full-time equivalent employees, or the square footage of building(s). Carbon Emissions Intensity Explained - CarbonBetter