

Greenhouse gas emissions from RBKC own estate and operations

Royal Borough of Kensington and Chelsea 2012/13 report

1. Summary of RBKC GHG emissions

GHG emissions data for period 1 April 2010 to 31 March 2013			
	Tonnes of CO ₂ e		
	2010/11	2011/12	2012/13
Scope 1	7,111.16	5,696.82	7,480.40
Scope 2	15,371.45	14,256.06	12,711.83
Scope 3	4,504.39	4,205.57	5,764.33
Total gross emissions	26,987.00	24,158.45	25,956.56
Green tariff	(4,751.31)	(4,602.02)	0
Total annual net emissions	22,235.69	19,952.43	25,956.56

2. Reporting period

This report is produced on a financial year basis, 1 April 2012 to 31 March 2013.

3. Change in Emissions

The Council has significantly increased net emissions in 2012/13, from the previous year 2011/12, by approximately 6,000 tonnes of CO₂e. Total gross emissions increased by just under 1,800 tonnes of CO₂e. The large difference between net and gross emissions can be explained by the fact that the Council is no longer offsetting emissions under a green tariff. In 2011/12 4,200 tonnes were offset under the green tariff. There is no baseline year to compare the change in emissions.

4. Approach

This assessment follows the Government's 'Environmental Reporting Guidelines: including mandatory greenhouse gas emissions reporting guidance'. The guidance can be read here: <https://www.gov.uk/government/publications/environmental-reporting-guidelines-including-mandatory-greenhouse-gas-emissions-reporting-guidance>
The purpose of this report is to quantify GHG emissions from the Council's estate and key contractors, but not to detail the actions being taken to reduce GHG emissions (for more information please see section 7 below).

5. Organisational boundary

The assessment includes all council's operational offices and estates including borough schools and street lighting, and seven key contractors who deliver some of our important services for the community on behalf of the Council.

6. Operational scopes

Scope 1, 2 and significant scope 3 emissions are measured in this report.

7. The targets

The Council participated in 2007/08 phase 6 of the Carbon Trust's Local Authority Carbon Management Programme (LACMP). Since 2007/08 the Council has been monitoring its carbon emissions and set the target of 40% reduction by March 2020 from the 2007/08 base year according to LACMP methodology. The Council's first interim target of 20% is set for March 2014. No particular target is currently set for the greenhouse gas emissions which are outlined in this report. Please see the [Council's Carbon Management Plan](#) for more detail about our carbon management targets or visit www.rbkc.gov.uk/carbon for more information on the Council's carbon performance.

8. Green tariffs

None of the electricity consumed by the Council estate this year is covered by a green tariff.

9. Breakdown emissions in 2012/13

2012/13	GHG emissions in tonnes of CO ₂ e	Note
Scope 1		
Natural Gas	7,014.24	Natural gas consumed at the Council estates and schools. Gas oil was consumed at one school.
Gas Oil	314.27	
LPG	-	
Own transportation	151.89	The Council's fleet vehicles
Fugitive and process emissions	-	Process and fugitive emissions are excluded due to a lack of information
TOTAL SCOPE 1	7,480.40	
Scope 2		
Purchased electricity	12,711.83	Electricity used at the Council estates and schools
TOTAL SCOPE 2	12,711.83	
Scope 3		
Water supply/treatment	217.47	Water used at the Council estates and schools.
Transmission and distribution	1,696.56	Transmission and distribution of purchased electricity.
Business Travel	19.92	Staff using own vehicles for business purpose is included but public transportation and other transportation use are excluded due to a lack of sufficient information.
Key Contractors	3,830.38	Emissions from energy used by the key contractors at their office/estates and transportation/fleet activities.
Employee Commuting	-	Emissions from staff commuting are excluded since its complex nature to required data.

Waste Disposal	-	Emissions from waste disposal are excluded in this report due to a lack of sufficient information. The Council intends to include this information from next year.
TOTAL SCOPE 3	5,764.33	

10. Breakdown emissions in 2011/12

2011/12	GHG emissions in tonnes of CO ₂ e	Note
Scope 1		
Natural Gas	5,166.19	Natural gas, oil, and LPG consumed at the Council estates and schools
Gas Oil	356.86	
LPG	37.18	
Own transportation	136.58	The Council's fleet vehicles
Fugitive and process emissions	-	Process and fugitive emissions are excluded due to a lack of information
TOTAL SCOPE 1	5,696.82	
Scope 2		
Purchased electricity	14,256.06	Electricity used at the Council estates and schools (91% of this was supplied under the green tariff which qualifies for 15% reduction) and street lighting (100% supply under 100% green tariff)
TOTAL SCOPE 2	14,256.06	
Scope 3		
Water supply/treatment	116.73	Water used at the Council estates. Schools are excluded.
Business Travel	27.86	Staff using own vehicles for business purpose is included but public transportation and other transportation use are excluded due to a lack of sufficient information.
Key Contractors	4,060.98	Emissions from energy used by the key contractors at their office/estates and transportation/fleet activities.
Employee Commuting	-	Emissions from staff commuting are excluded since its complex nature to required data.
Waste Disposal	-	Emissions from waste disposal are excluded in this report due to a lack of sufficient information.
TOTAL SCOPE 3	4,205.57	

11. Breakdown emissions in 2010/11

2010/11	GHG emissions in tonnes of CO ₂ e	Note
Scope 1		
Natural Gas	6,454.71	Natural gas, oil, and LPG consumed at the Council estates and schools
Gas Oil	467.97	
LPG	36.24	
Own transportation	152.24*	The Council's fleet vehicles. *Previously reported in 2010/11 GHG report as 158.49
Fugitive and process emissions	-	Process and fugitive emissions are excluded due to a lack of information
TOTAL SCOPE 1	7,111.16	
Scope 2		
Purchased electricity	15,371.45	Electricity used at the Council estates and schools (89.3% of this was supplied under the green tariff which qualifies for 15% reduction) and street lighting (100% supply under 100% green tariff)
TOTAL SCOPE 2	15,371.45	
Scope 3		
Water supply/treatment	109.32	Water used at the Council estates. Schools are excluded.
Business Travel	36.68	Staff using own vehicles for business purpose is included but public transportation and other transportation use are excluded due to a lack of sufficient information.
Key Contractors	4,358.39	Emissions from energy used by the key contractors at their office/estates and transportation/fleet activities.
Employee Commuting	-	Emissions from staff commuting are excluded since its complex nature to required data.
Waste Disposal	-	Emissions from waste disposal are excluded in this report due to a lack of sufficient information.
TOTAL SCOPE 3	4,504.39	

For further information please contact the Council at environment@rbkc.gov.uk