

Greenhouse gas emissions from RBKC own estate and operations

Royal Borough of Kensington and Chelsea 2011/2012 report

1. Summary of RBKC GHG emissions

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

2. Reporting period

This report is produced on a financial year basis, 1 April to 31 March of the following year.

3. Change in Emissions

The Council has significantly reduced the gross emissions in 2011/12 from the previous year 2010/11 by approximately 10.5%. There is no baseline year to compare the change in emissions.

4. Approach

This assessment follows *the Government's Guidance on how to measure and report your greenhouse gas emission*.

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 the 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 2014 from 2007/08 base year according to LACMP methodology. However this target is currently being reviewed. The Council's Climate Change Programme is working with with Carbon Trust to identify a

revised and realistic but challenging carbon reduction target. 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.

8. Green tariffs

From 2010/11 the Council purchases electricity from EDF Energy (accounting for 91% of electricity purchased in 2011/12), and from British Gas Business (accounting for 9% of electricity purchased in 2011/12). For both contracts the Council uses Good Quality Combined Heat and Power (GQCHP) tariff which is certified under the independent certification scheme based on OFGEM's Final Green Supply Guidelines. The GQCHP tariff offsets 15% of the carbon emissions from the tariff using Kyoto-compliant Certified Emission Reductions (CERs reducing our emissions from the consumption of purchased electricity by 15%).

9. 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. However, the Council carry out yearly staff travel survey which monitors staff's mode of transport while at work. This is scheduled for later in 2012 due to the Olympics affecting work patterns Click here for more details.
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. However, the Council carries out yearly Staff Travel Survey and has been implementing Staff Travel Plan. Click here for more

		details.
Waste Disposal	-	Emissions from waste disposal are excluded in this report due to a lack of sufficient information.
TOTAL SCOPE 3	4,205.57	

10. 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. However, the Council carry out yearly staff travel survey which monitors staff's mode of transport while at work. Click here for more details.
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. However, the Council carries out yearly Staff Travel Survey and has been implementing Staff Travel Plan. Click here for more details.
Waste Disposal	-	Emissions from waste disposal are excluded in this report due to a lack of sufficient information.
TOTAL SCOPE 3	4,504.39	