

## Greenhouse gas emissions from RBKC own estate and operations

Royal Borough of Kensington and Chelsea 2014/15 report

### 1. Summary of RBKC GHG emissions

GHG emissions data for period 1 April 2011 to 31 March 2015				
	2011/12	2012/13	2013/14	2014/15
Scope 1	5,696.82	7,480.40	5,712.06	4,253.15
Scope 2	14,256.06	12,711.83	9,795.20	9,957.59
Scope 3	4,205.57	5,764.33	3,314.51	3,307.38
<b>Total gross emissions</b>	<b>24,158.45</b>	<b>25,956.56</b>	<b>18,821.78</b>	<b>17,518.13</b>
Green tariff	(4,602.02)	0	0	0
<b>Total annual net emissions</b>	<b>19,952.43</b>	<b>25,956.56</b>	<b>18,821.78</b>	<b>17,518.13</b>

### 2. Reporting period

This report is produced on a financial year basis, 1 April 2014 to 31 March 2015.

### 3. Change in Emissions

The Council has decreased emissions in 2014/15 from the previous year 2013/14 by over 1,300 tonnes of CO<sub>2</sub>e. 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 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 2020 from the 2007/08 base year according to LACMP methodology. The Council reports upon its carbon reduction work through the annual Carbon Performance Report, which covers a similar scope to this report. Further information and past reports can be found at [www.rbkc.gov.uk/carbon](http://www.rbkc.gov.uk/carbon).

In addition to the 40% target, the Council set interim targets of 20% reduction by 2013/14 and 30% by 2016/17. The first interim carbon reduction of 20%, set for March 2014, was ultimately surpassed with a 21.6% reduction. The Council is working closely with programme areas to ensure the second interim carbon reduction target of 30% by 2016/17 is achieved. 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

None of the electricity consumed by the Council estate in the year 2014/15 was covered by a green tariff.

## 9. Breakdown emissions in 2014/15

2014/15	GHG emissions in tonnes of CO <sub>2</sub> e	Note
<b>Scope 1</b>		
Natural Gas	4,123.18	Natural gas consumed at the Council estates and schools
Gas Oil	0.00	
LPG	0.00	
Own transportation	129.97	The Council's fleet vehicles
Fugitive and process emissions	-	Process and fugitive emissions are excluded due to a lack of information
<b>TOTAL SCOPE 1</b>	<b>4,253.15</b>	
<b>Scope 2</b>		
Purchased electricity	9,957.59	Electricity used at the Council estates and schools
<b>TOTAL SCOPE 2</b>	<b>9,957.59</b>	
<b>Scope 3</b>		
Water supply/treatment	188.70	Water used at the Council estates and schools.
Transmission and distribution	870.73	Transmission and distribution associated with purchased electricity
Business Travel	12.31	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	2,222.25	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	13.40	This is limited to office waste and excludes all contractor waste.
<b>TOTAL SCOPE 3</b>	<b>3,307.38</b>	

## 10. Breakdown emissions in 2013/14

2013/14	GHG emissions in tonnes of CO <sub>2</sub> e	Note
<b>Scope 1</b>		
Natural Gas	5,251.04	Natural gas consumed at the Council estates and schools
Gas Oil	313.16	
LPG	1.93	
Own transportation	145.93	The Council's fleet vehicles
Fugitive and process emissions	-	Process and fugitive emissions are excluded due to a lack of information
<b>TOTAL SCOPE 1</b>	<b>5,712.06</b>	
<b>Scope 2</b>		
Purchased electricity	9,795.20	Electricity used at the Council estates and schools
<b>TOTAL SCOPE 2</b>	<b>9,795.20</b>	
<b>Scope 3</b>		
Water supply/treatment	209.91	Water used at the Council estates and schools.
Transmission and distribution	837.52	Transmission and distribution associated with purchased electricity
Business Travel	13.07	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	2,238.32	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	15.69	This is limited to office waste and excludes all contractor waste.
<b>TOTAL SCOPE 3</b>	<b>3,314.51</b>	

## 11. Breakdown emissions in 2012/13

2012/13	GHG emissions in tonnes of CO <sub>2</sub> e	Note
<b>Scope 1</b>		
Natural Gas	7,014.24	Natural gas consumed at the Council estates and schools.
Gas Oil	314.27	
LPG	-	Gas oil was consumed at one school.

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
<b>TOTAL SCOPE 1</b>	<b>7,480.40</b>	
<b>Scope 2</b>		
Purchased electricity	12,711.83	Electricity used at the Council estates and schools
<b>TOTAL SCOPE 2</b>	<b>12,711.83</b>	
<b>Scope 3</b>		
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.
<b>TOTAL SCOPE 3</b>	<b>5,764.33</b>	

## 12. Breakdown emissions in 2011/12

2011/12	GHG emissions in tonnes of CO <sub>2</sub> e	Note
<b>Scope 1</b>		
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
<b>TOTAL SCOPE 1</b>	<b>5,696.82</b>	
<b>Scope 2</b>		
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)
<b>TOTAL SCOPE 2</b>	<b>14,256.06</b>	
<b>Scope 3</b>		
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.
<b>TOTAL SCOPE 3</b>	<b>4,205.57</b>	

For further information please contact the Council at [environment@rbkc.gov.uk](mailto:environment@rbkc.gov.uk)