



**GREENHOUSE GAS EMISSIONS FROM  
THE BOROUGH COUNCIL'S OWN ESTATE  
AND OPERATIONS**

**JULY 2012**



## **1. Introduction**

- 1.1. This is a Green House Gas (GHG) emissions report for Tonbridge and Malling Borough Council. It reports on the GHG emissions from the Council's own estate and operations. has been prepared in response to the request made by the Department of Energy and Climate Change in March 2012.

## **2. Local Authority Information**

- 2.1. Tonbridge and Malling Borough Council is one of 12 district councils in Kent. The Borough covers an area of 22,150 hectares and has a population of 120,800<sup>1</sup>.
- 2.2. The principal council offices are located at Kings Hill, near West Malling, Kent ME19 4LZ.

## **3. Reporting Period**

- 3.1. This report relates to the following reporting periods:

- 1<sup>st</sup> April 2008 to 31<sup>st</sup> March 2009
- 1<sup>st</sup> April 2009 to 31<sup>st</sup> March 2010
- 1<sup>st</sup> April 2010 to 31<sup>st</sup> March 2011
- 1<sup>st</sup> April 2011 to 31<sup>st</sup> March 2012

## **4. Approach**

- 4.1. The Borough Council has followed the Government's guidance on how to measure and report greenhouse gas emissions (September 2009)

## **5. Operational Scopes and GHG Emissions**

- 5.1. The Borough Council has measured Scope 1, 2 and significant Scope 3 emissions.
- 5.2. A summary of the GHG emissions (absolute) from the Borough Council's own estate for 2008/09, 2009/10, 2010/11 and 2011/12 can be found in Table 1 and Chart 1.
- 5.3. A summary of the GHG emissions (absolute) savings from the Borough Council's own estate for 2008/09, 2009/10, 2010/11 and 2011/12 can be found in Table 2 and Chart 2.

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<sup>1</sup> 2011 Census

**Table 1: GHG Emissions (Absolute) Summary for 2008/09 to 2011/12**

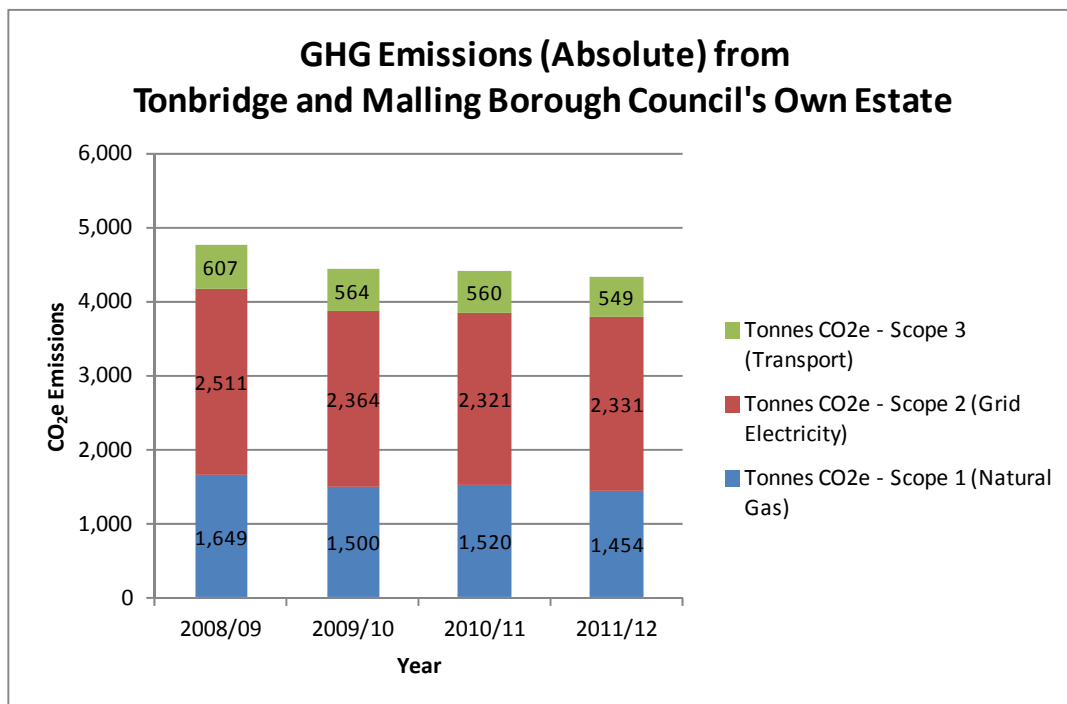
<b>Tonbridge and Malling Borough Council - Carbon Footprint</b>				
GHG Emissions Data for Period 1 April 2008 to 31 March 2012				
	Tonnes CO <sub>2</sub> e	Tonnes CO <sub>2</sub> e	Tonnes CO <sub>2</sub> e	Base Line Year
	2011/12	2010/11	2009/10	2008/09
Scope 1 <sup>1</sup>	1,454	1,520	1,500	1,649
Scope 2 <sup>2</sup>	2,331	2,321	2,364	2,511
Scope 3 <sup>3</sup>	549	560	564	607
Outside of Scope (not included in gross emissions) <sup>4</sup>	0	0	0	0
<b>Total Gross Emissions</b>	<b>4,334</b>	<b>4,401</b>	<b>4,428</b>	<b>4,767</b>
Carbon Offsets / Green Tariff <sup>5</sup>	0	0	0	0
<b>Total Annual Net Emissions</b>	<b>4,334</b>	<b>4,401</b>	<b>4,428</b>	<b>4,767</b>

<sup>1</sup> Scope 1 includes all natural gas use by Council owned buildings, eg fuelling of the heating boilers

<sup>2</sup> Scope 2 includes the consumption of grid supplied electricity by Council owned buildings

<sup>3</sup> Scope 3 includes emissions from business travel

**Chart 1: GHG Emissions (Absolute) Summary for 2008/09 to 2011/12**

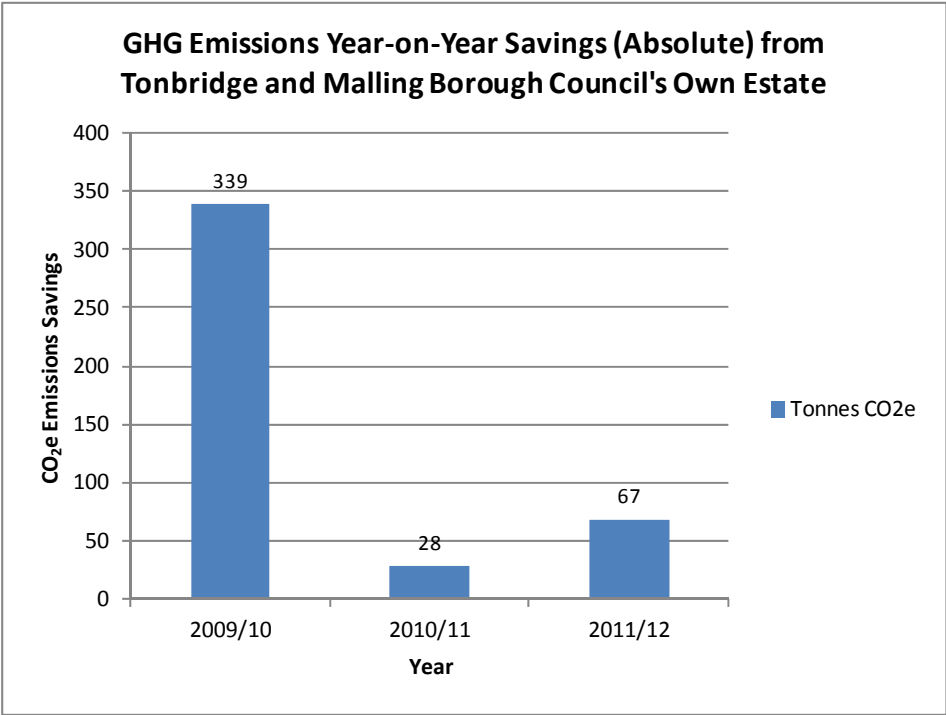


**Table 2: GHG Emissions (Absolute) Savings between 2009/10 and 2011/12**

<b>Tonbridge and Malling Borough Council - Carbon Footprint (Absolute)</b>	
<b>GHG Emissions Year-on-Year Savings (Tonnes CO<sub>2</sub>e) for Period 1 April 2009* to 31 March 2012</b>	
	Tonnes CO <sub>2</sub> e
2009/10	339
2010/11	28
2011/12	67
Total:	433

*\*Base date is 2008/09= 4,767 tonnes CO<sub>2</sub>e*

**Chart 2: GHG Emissions (Absolute) Savings between 2009/10 and 2011/12**



**6. Change in Emissions**

- 6.1. Over the three year period between 2009/10 and 2011/12 the Council achieved a total saving of **433 tonnes of CO<sub>2</sub>e emissions** from its own estate.
- 6.2. This equates to a **9.1% saving of CO<sub>2</sub>e** from the base date of 2008/09. The majority of this saving (7.1%) occurred during 2009/10. This saving is partly attributed to the temporary closure of the Tonbridge Pool for 4 weeks for refurbishment. The yearly totals indicate a steady downward trend for GHG emissions from the Borough Council’s own estate and operations.