Introduction

From April 2011 the Government's Department of Energy and Climate Change (DECC) have requested that all local authorities publish a report on the greenhouse gases from their own estates and services using the standard methodology and format in their publication 'Guidance on how to measure and report your greenhouse gas emissions'. This has been included within the 'Single Data List' which sets out the information that local authorities should submit to Government each year.

This report fulfils that requirement and will be published on our web-site, along with annual updates at the end of July each year.

Carbon Footprint

The table below gives a summary of greenhouse gas emissions in 2016/17, 2015/16, 2014/15 and 2013/14. The remainder of the report gives further explanation of how these figures were calculated.

Scarborough Borough Council Carbon Footprint
Tonnes of CO_2e

	2016-17	2015-16	2014-15	2013-14
Scope 1	**1,578.30**	**1,735.88**	**1,739.11**	**1,802.22**
Scope 2	**1,379.69**	**1,365.23**	**1,562.60**	**1,695.16**
Scope 3	**616.80**	**642.47**	**571.46**	**616.48**
Total gross emissions	**3,574.79**	**3,743.58**	**3,873.18**	**4,113.86**
Carbon offsets	0	0	0	0
Green tariff	1,379.69	1,365.23	0	0
Total annual net emissions	**2,195.11**	**2,378.35**	**3,873.18**	**4,113.86**
% change kg CO2e on previous year 2015/16	**-7.7%**			
% change kg CO2e on baseline 2013/14	**-46.6%**			

The Council purchased all our electricity during 2015/16 and 2016/17 from SSE. We use their SSE Green tariff. This tariff is certified under the independent certification scheme based on OFGEM's Final Green Supply Guidelines. The SSE Green tariff Using the 'market-based' reporting method under the GHG Protocol Corporate Standard, Scope 2, the electricity purchased can be matched to Renewable Energy Guarantees of Origin (REGOs), allowing us to report zero emissions for ' Scope 2' purchased electricity. Therefore we have reduced our emissions for 'scope 2' from the consumption of purchased electricity by 100%. This equates to a carbon saving of 1,365.23 tons of CO2e per year. The Council purchases all electricity from 100%