

## **Annual Carbon Emissions 2013/14** **From East Devon District Council controlled sources**

EDDC is reporting its carbon emissions from its own estate and operations for the first time, for the financial year 2013/14. We are using this first reporting year as our 'base year'. Therefore, no comparisons with previous years' emissions are shown below.

The three areas of activity included in our 2013/14 GHG emission report are:

- Use of buildings
- Fleet vehicle use
- Business travel (private vehicles)

Emission releasing activities are classified by operational 'scope', as defined in DEFRA's Reporting Guidelines, page 35, the relevant excerpt from this document is:

*"A widely-accepted approach is to identify and categorise emissions-releasing activities into three groups known as scopes. These are defined in the GHG Protocol Corporate Standard and are described below with their equivalent term from ISO 14064-1 in brackets:*

**Scope 1 (Direct emissions):** *Emissions from activities owned or controlled by your organisation that release emissions into the atmosphere. They are direct emissions. Examples of scope 1 emissions include emissions from combustion in owned or controlled boilers, furnaces, vehicles; emissions from chemical production in owned or controlled process equipment.*

**Scope 2 (Energy indirect):** *Emissions released into the atmosphere associated with your consumption of purchased electricity, heat, steam and cooling. These are indirect emissions that are a consequence of your organisation's activities but which occur at sources you do not own or control.*

**Scope 3 (Other indirect):** *Emissions that are a consequence of your actions, which occur at sources which you do not own or control and which are not classed as scope 2 emissions. Examples of scope 3 emissions are business travel by means not owned or controlled by your organisation, waste disposal which is not owned or controlled, or purchased materials or fuels."*

In this report DEFRA's 'Standard Set' of factors is used to convert the energy consumed into the resulting emissions and calculate the kilograms and tonnes of CO<sub>2</sub>e for each activity.

EDDC has measured scope 1, 2 and 3 emissions for three areas of activity. The emissions for these three areas of activity for the financial year 2013 -2014 and their scope type are given in Table 1 as follows;

**Table 1: Greenhouse Gas Emissions for EDDC 2013-2014**

<b>Emissions Source</b>	<b>Tonnes CO<sub>2</sub>e</b>
<b>Scope 1</b>	
Use of buildings (natural gas)	368
Fleet vehicles	420
<b>Scope 2</b>	
Use of buildings (electricity)	784
<b>Scope 3</b>	
Use of buildings (transmission & distribution of electricity)	67
Business travel (private vehicles)	135
<b>Out of scope</b>	
Fleet vehicle use (biogenic fuel element), out of scope	11
<b>Totals</b>	
Scope 1 and 2	1,572
Scope 3	202
<b>Gross emissions total</b>	<b><u>1,774</u></b>
Out of scope	11

**Notes:**

The above does not include emissions from EDDC buildings occupied by Leisure East Devon Ltd, nor does it include emissions from the council's waste and recycling operations outsourced to SITA Ltd, nor emissions from the council's housing maintenance contracts let to Skinner Construction Ltd and MD Building Services Ltd.