

<b>SUBJECT:</b>	CDC and SBDC Greenhouse Gas (GHG) Reports
<b>REPORT OF:</b>	Councillor Luisa Sullivan – Environment Portfolio Holder
<b>RESPONSIBLE OFFICER</b>	Chris Marchant – Head of Environment Martin Holt – Head of Healthy Communities
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<b>WARD/S AFFECTED</b>	All

### 1. Purpose of Report

To present to the Committee the statutory Greenhouse Gas (GHG) report.

### RECOMMENDATION

To note the SBDC greenhouse gas report, its publication on the SBDC Website and notification of completion to Department of Energy & Climate Change (DECC)

To also note the close link between the CDC & SBDC GHG Reports.

### 2. Reasons for Recommendations

The reports demonstrate the actual energy use/GHG activity that each Council has used/emitted.

### 3. Content of Report

This report presents the key outcomes from the GHG reports for both Chiltern and South Bucks District Councils.

Taking each report in turn:-

#### a) Chiltern DC

The key outcomes were:-

There has been *an increase* of emissions throughout the reporting year by 100 tonnes CO<sub>2</sub>e (3.5%). This reduces the ongoing reduction against baseline (2008/9) to 18.5%.

The increases have resulted from:-

- Scope 1 emissions – The parking officer's vehicle use (petrol/diesel) have increased mileage producing an additional 3.93 tonnes CO<sub>2</sub>e. This is due to two key factors, relinquishing the electric vehicle and shared service implementation (now operating South Bucks parking from King George V Road)
- Scope 2 emissions - electricity use has gone up at King George V House which is due to increased tenure throughout the building; together with increasing staff numbers and use of IT equipment in the Chiltern District Council office areas

- Scope 3 emissions - increased gas use at Chiltern Pools, Amersham. Also, CDC/WDC refuse vehicles now have to transport the residual waste to the waste transfer station at High Heavens, Booker, rather than to the landfill site at Gerrards Cross. This does represent additional mileage for those vehicles and an additional vehicle also had to be introduced - this commenced at the beginning of December 2015.

In spite of the overall rise in emissions, they have dropped in the following areas:-

- Scope 2 - electricity use at the Leisure Centres has gone down which has mitigated the overall electricity use. There has also been a reduction in energy use at the multi-storey car parks and public conveniences
- Significant Scope 3 – The new itrent system payroll system does not differentiate the fuel type and therefore as diesel vehicles are low in number, petrol has been used as the default factor for staff travel.
- The Council generates electricity at the Council Offices, Chesham Leisure Centre and Amersham Multi-Storey Car Park. 92,862 kWh of electricity has been generated by solar panels at these sites during 2015/16. This equates to a reduction in emissions of 34,135 kg of CO<sub>2</sub>e or 3.4 Tonnes of CO<sub>2</sub>e

### **Targets**

The Council set two targets for carbon reduction over the next three years. As follows:-

- 4% reduction over the next three years with a view to being carbon neutral by 2050

Whilst there has been an increase in emissions against last year, reductions previous to this were above target and ahead of schedule. These earlier savings therefore should not be forgotten when reporting against the indicator. The ongoing reductions being achieved have therefore reduced to 18.5% savings against base year. The challenge of absorbing services and a potential for a slight increase in emissions for Chiltern was raised in last year's GHG Report and report to members.

### **b) South Bucks**

The key outcomes were:-

- There has been an *overall decrease* of emissions throughout the reporting year. The Council has lowered its service delivery emissions by 27.50% (187.29 tonnes) CO<sub>2</sub> over the 2008/09 baseline. This represents over one quarter of the total service emissions saved since 2008/09.

Reductions are mainly due to the following factors:-

- The Beacon Centre has reducing its emissions by 10%. This has been achieved through the implementation of a Building Management System which allows the service provider tight control over its energy use. Implementing a better Building Management System would be a recommendation for South Bucks District Council in partnership with Chiltern District Council in securing future energy reductions.

- Under the Council's one year 'Invest to Save' project the following energy efficiencies have been implemented which have also contributed to energy reductions across the Councils estate:-

Description	£Saving p.a.	£Investment	Payback Ys
Loft Insulation SPMG	265	670	2.5
LED Lighting Museum (SPMG)	76	78	1.0

- 13,552 Kwh of electricity has been generated during the reporting period from our photovoltaic cells, and this includes energy generated at the installation at The South Buckinghamshire. In total, 5,218 Kwh of this generated electricity has been calculated as exported to the grid.
- A move of many services from Capswood to King George V House, resulting in significant reductions in occupancy at Capswood.

#### 4. Internal Consultation

Estates, Environmental Health Manager & Head of Healthy Communities.

#### 5 Corporate Implications

Reports must include specific comments addressing the following implications;

- a) **Financial** – there are no financial implications as the reports are written annually in arrears
- b) **Legal** – there are no legal implications, other than meeting the deadline of 31<sup>st</sup> July for reports to be posted on each respective website and DECC notified.
- c) **Environmental Issues, Procurement, Sustainability** – the reports help both Councils identify where improvements can be made over reducing resource use namely the use of fossil fuels, thereby continuously contributing positively to the environment, sustainability and procurement through continuously reducing costs.

#### 6 Links to Council Policy Objectives

The report contributes to Council Policy Objectives as follows:-

- Promote energy efficiency in the Council's operations; 2014 – 2019 goals and priorities of each Council
- Sustainable environments where people take pride in their community and embrace low carbon living; Chiltern and South Bucks District Councils Joint Business Plan 2015 – 2020

#### 7 Next Step

Each of the GHG reports have now been posted up on the respective websites and DECC notified.