



**COMMITTEE:** GRAMPIAN JOINT POLICE BOARD

**DATE:** 1 JULY 2011

**TITLE OF REPORT:** CARBON MANAGEMENT PLAN (CMP)

**REPORT NUMBER**

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**1. PURPOSE OF REPORT**

- 1.1 To provide Members of the Grampian Joint Police Board with an update on the Force's Environmental Impact in relation to Sustainability and to advise that a Carbon Management Plan (CMP) has been completed by Grampian Police. This Plan baselines the Forces carbon footprint and sets out a series of work streams, towards a target of reducing these emissions by 20% by 2015.

**2. RECOMMENDATION(S)**

- 2.1 To note that Grampian Police has completed a Carbon Management Plan (CMP) and has set itself a target to reduce its CO<sub>2</sub> emissions by 20% by 2015.
- 2.2 To note that progress against this plan will be reported to the Board on an annual basis.

**3. FINANCIAL IMPLICATIONS**

- 3.1 The majority of these Carbon Management Plan work streams have no cost implications or have access to existing capital/revenue funding. For example, capital funding was been set aside for identified computer switch off software under the Plan.
- 3.2 New reduced emission vehicles are being replaced under the annual vehicle replacement programme.
- 3.3 The Facilities Section also annually sets aside £10,000 from the revenue repairs and maintenance budget to fund cost effective physical improvements to properties such as the installation of improved lighting. Other initiatives are self funding e.g. the general rubbish compactor at Queen Street will reduce waste bin collection costs. Re-cycling is in place throughout the Force area.
- 3.4 There is a direct correlation between the reduction CO<sub>2</sub> emissions and cost reduction. However, in order to demonstrate a reasonable payback period, future significant additional bids for capital or revenue funding will require to be supported by appropriate business cases in every instance.

#### 4. SERVICE AND COMMUNITY IMPACT

- 4.1 As a high profile community leader there is an expectation that Grampian Police is seen to embrace the need for carbon reduction.

#### 5. OTHER IMPLICATIONS

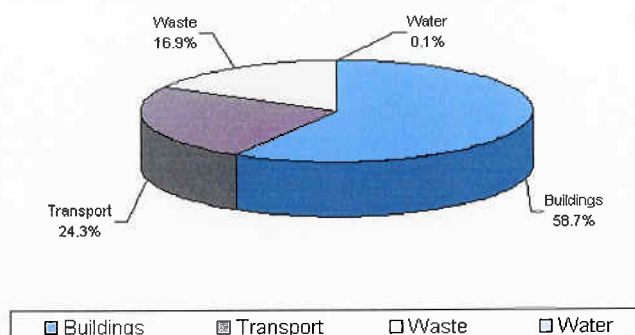
- 5.1 There is a staff resource required in managing and co-ordinating work under the CMP. This will be carried out by staff in the Force's existing Environmental Working Group (EWG). This group comprises of staff across a range of Business activities that have taken forward a range of environmental initiatives.

#### 6. REPORT

##### 6.1 Background

- 6.1.1 The Climate Change (Scotland) Act 2009 sets out in statute, the Scottish Government's target to reduce greenhouse gas emissions by 80% by 2050. The Act provides a duty on public bodies to act in the best way to reduce carbon emissions.
- 6.1.2 A Climate Change Action Plan 2010/20 has been approved by ACPOS. This report set out that Scottish Police Forces must expect to achieve greenhouse gas reductions (on 1990 levels) of 15% by 2015 and 34% by 2020. In Continuing our Platform for Success 2011/12, our aim is to protect our future by reducing the Force carbon footprint and reducing cost.
- 6.1.3 Grampian Police has participated (along with all other Forces and the SPSA, with the exception of Strathclyde) in a Carbon Management Programme being run by the Carbon Trust. This has resulted in a Carbon Management Plan being finalised. This document, which will be launched with other Force's Plan in a publicity event held on the 22 June 2011 by the Carbon Trust.
- 6.1.4 The CMP identified that the baseline figure of CO<sub>2</sub> emissions made by Grampian Police in 2009-10 was 9,523 tonnes which is broken down as follows:

**Baseline CO<sub>2</sub> emissions (tonnes)**



6.1.5 As can be seen, the two main sources of CO<sub>2</sub> produced by Grampian Police relate to energy consumption of the Force's 60 properties and our 290 vehicles. The Force also produces carbon through business miles driven by its staff on Police business as well as the carbon produced by Force waste products.

## 6.2 What Can be Done

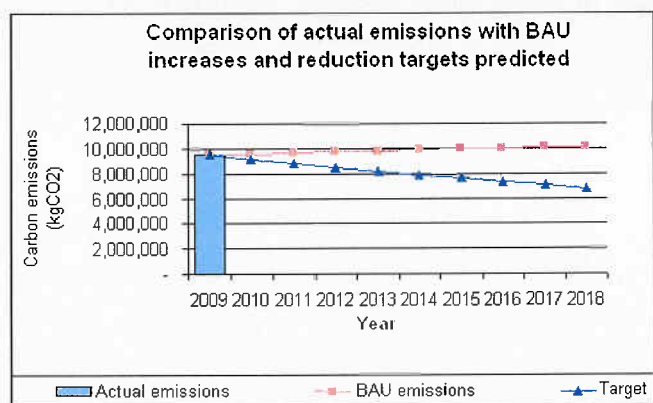
6.2.1 To reduce CO<sub>2</sub> emissions a number of key areas will be focused upon by the Force:

- Energy Consumption in Buildings
- Sustainable Construction
- Fleet
- Procurement
- Waste
- Water
- Increase Staff Awareness
- Joint Working

6.2.2 Grampian Police has had an Environmental Working Group (EWG) in place since 2007 and this group has implemented a number of initiatives over the last few years. There are number of environmental and carbon reduction projects underway and/or proposed. These will be pulled together under this Carbon Programme and include work streams in the following areas:

- The use of the Estate and the performance of our buildings.
- The more efficient use of the police fleet and the emissions of our vehicles.
- The way we use water within the organisation.
- The number of business miles driven and ways to reduce CO<sub>2</sub> emissions.
- Sound disposal and recycling of waste.
- Better use of Information Technology and energy efficient hardware.
- Sustainable Procurement.

6.2.3 One of the benefits of engaging in this Carbon Programme is that it has afforded the opportunity to bring together all of these good works into one document. The Carbon Programme will be a living document and will be continuously reviewed and updated as new Carbon Reduction Projects come to the fore.



**Grampian Police has set itself a target of reducing its CO<sub>2</sub> emissions, produced from it's activities by 20% by 2015 compared to a baseline year of 2009-10.**

6.2.4 As can be seen the cost of doing nothing, under the red business as usual (BAU) line, would see our emission will continue to increase. Our proposed intervention will result in a reduction of carbon emissions of 2,312 tonnes CO<sub>2</sub>, by the fifth year should the 20% target be realised.

6.2.5 Examples of ongoing work include the following:

- Computer base switch off software has been procured and will be installed during this calendar year.
- Automatic electricity meter readers have already been installed and automatic gas readers will be installed in 2011.
- A general rubbish compactor installed at Queen Street in March 2011 will enable increased recycling.
- Estate closures, following relocation to improved partnership facilities (such as the 3Rs Police Offices) have not yet been reflected in the emission totals.
- More CO<sub>2</sub> efficient police cars are being procured - the latest standard police ford focus has 104 g/km of CO<sub>2</sub> emissions compared to 119 g/km previously.

6.2.6 The 2010/11 carbon emissions total has recently been calculated to be 9,323 tonnes (a reduction of 2.1% compared to 2009/10 levels). It is appreciated that not all of the work streams may achieve target reductions and it is intended that regular meetings of the Force's (EWG) will continue to be held to review progress against this plan and look for further opportunities. In most cases, carbon saving opportunities have a limited life and must, if the reduction momentum is to be maintained, be replaced with new opportunities in the medium to longer term.

6.2.7 The recent Best Value review identified the Strategic need of the Board to consider sustainability. It is intended that, in relation to environmental sustainability, an annual report on progress against carbon emissions targets is provided to the Board.

6.2.8 A full copy of the Grampian Police Carbon Management Plan has been placed in the libraries of the three constituent Authorities for information.

## **7. REPORT AUTHOR DETAILS**

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## **8. BACKGROUND PAPERS**

N/A