

FOREST OF BOWLAND AONB CARBON REDUCTION PLAN

As an environmental leader in the area, the AONB Unit has considered its own carbon emissions and set targets to reduce these as part of our Environmental Policy.

Using the Carbon Trust's carbon footprint calculator and action planning tools we have:

- a) identified our major sources of carbon emissions and set a baseline
- b) set targets to reduce this footprint
- c) plans to monitor our activity at least annually and report back on it

Looking at our operations we have two major sources of carbon:

1. The office building
2. Transport

Our total annual operational carbon footprint is 12.28 tonnes of CO₂

The office building only has two power sources – wood fuel for the stove, which is effectively carbon neutral, and electricity for our heating hot water, lighting, appliances and space heating (air source heat pump.) The building is well insulated and double glazed, lights are low energy.

Our estimated 12 month usage of electricity from Nov 09 to Oct 10 is 8344 kWh which equates to 4.48 tonnes of CO₂

ACTIONS

1. Set target for reduction at 10% to 7510 kWh for 2010-11
2. Agree, develop and follow, methods for reducing office electricity use
3. Monitor usage against targets, and report back
4. We will endeavour to procure our electric from a 'green' electricity provider
5. Work with landlord to investigate feasibility of installing solar PVs to generate power and obtain Feed in Tariff

HOW TO REDUCE OUR ENERGY USE BY 10%?

- ☺ Only fill the kettle for the number of cups you need
- ☺ Turn off PCs and printer at the wall when not in use
- ☺ Experiment with 'mornings only' use of the printer
- ☺ Turn off lights when not needed, especially kitchen
- ☺ Ask landlord to install timers for outside lights
- ☺ Limit use of the projector in the meeting room
- ☺ Develop guidance on how best to use the hot air heaters

Transport, ie business mileage, is our biggest cause of carbon emissions. We are a rural based office and we need to visit businesses, clients, farmers and communities as well as meeting with our partners. However, we may be able to do this more efficiently and to reduce our business mileage. Commuting mileage is not included, but individuals may wish to set their own targets to reduce this by working from home and other offices on occasion, or by cycling, using the bus or car sharing.

Our combined business mileage for 2009/10 (ie April 2009 to March 2010) was 18,071 miles, which equates to **7.09 tonnes of CO₂**. NB only half of this was from our new Dunsop Bridge base

Our air travel contributed 0.61 tonnes

ACTIONS

1. Set personal targets for reduction at 10% for 2010/11
2. Monitor activity against targets set using monthly mileage figures, and report back. Monitor team target as well as individuals.
3. Investigate 'smarter driving' lessons to encourage staff to reduce their fuel consumption and carbon emissions
4. Air travel only to be considered when a business case is proven, for example on the basis that the purpose can not be adequately achieved by an alternative low carbon solution such as by exchange of email, telephone conferencing or by sharing representation eg at a seminar or conference.

September 2010