THE Green Tourism BUSINESS SCHEME

TRANSPORT MONITORING AND CARBON

CATEGORY TRANSPORT **CASE STUDY YEAR:** 2007

Business Details:

North Pennines AONB Partnership

Stanhope,
County Durham

http://www.northpennines.org.uk

Description:

The offices of the AONB Partnership established their carbon dioxide emissions from their use of vehicles. In addition staff monitored their use of air travel. By adopting a carbon neutral approach for travel the business is helping focus staff on travelling less, on car sharing where possible and on offsetting carbon emissions. The air travel over the year was noted at 5 tonnes of carbon dioxide and that from vehicles at 8.58 tonnes of carbon.

£ **Economic**	There is significant cost savings associated with an office adopting a carbon neutral policy provided primary focus is on: reducing unnecessary trips; planning trips to make use of car sharing; better route planning; and through the use of public transport. In addition taxation favours vehicles with lower emissions and overall vehicle emissions for the company are at the national average of 167g/km in vehicle emissions. Future plans will focus on maintaining and even reducing vehicle emissions further with subsequent fuel and tax benefits.
Environmental	Overall the office transport emissions total approximately 14 tonnes of carbon dioxide. This represents less than the average carbon emission from a typical American, Australian or Norwegian, which is over 15 tonnes per annum. In the UK an individual produces about 10 tonnes per annum and this is more than 10 times that produced by a typical African. China and India consume between 1-3 tonnes of carbon dioxide per person and this represents the average emissions globally. It takes approximately 6 trees to absorb one tonne of carbon dioxide (averaged over a 25 period therefore 14 tonnes represents 84 trees).
☺ **Social**	The office has elected to support local good causes in their efforts to offset their carbon emissions through supporting local low energy lighting. The organisation will distribute 110 low energy light bulbs to the local village of Blanchland, which will absorb an equivalent amount of energy compared to standard light bulbs during their lifetime
WEB	Ecoactive: http://www.eco-active.je/transport Car fuel: http://www.vcacarfueldata.org.uk Climate care: http://www.climatecare.org