

Smithfield Farm, Twiston Lane, Downham, Clitheroe, BB7 4DF.

## **Environmental Policy for Bowland Bioenergy Ltd**

Bowland Bioenergy is a small rurally based company producing flowable wood fuel for consumption in boilers and space heaters large and small. Timber, together with a small volume of sawmill by-product, is delivered by road transport. All feedstock is sourced from harvesting operations, with felling licences operated under the UK Forestry Standard. Currently savings of 150 tonnes of CO<sub>2</sub> emissions per year are being achieved by customers using our fuel as an alternative energy source. This is predicted to double in the 2012/13 heating season.

The major impacts on the environment are from production processes using fossil fuels. More fuel efficient equipment is being introduced together with changes in working practice which will reduce machine operating times and increase productivity. To minimise its impact on the environment, Bowland Bioenergy will:

- comply with all relevant legislation and best practice in its operations.
- adhere to the quality standard HETAS for the whole fuel production process ensuring best practice is followed throughout, from the reception of timber to delivery into customer's fuel stores.
- ensure the fuel meets the British Standard BS EN 14961. (Membership of WOODSURE+ award for wood fuel production has been achieved.)
- ensure an oil spill kit is stored in the production area and all staff are conversant with its use in the event of an escape of any polluting liquids.
- develop a method of recycling all plastic by the end of the year.
- continue to communicate environmental issues to its staff as part of routine operational discussions.
- switch off all unused equipment.
- monitor energy use and analyse the results to reduce electricity consumption
- maximise use of natural light, with low energy lamps installed in the depot. Conventional incandescent lamps will be replaced with compact fluorescent lamps (CFLs).
- use alternative methods of drying wood chip to reduce electricity consumption in 2013.
- use public transport whenever practical.
- reduce CO<sub>2</sub> against energy production by 5% in 2012/2013 heating system.

The carbon footprint of the company is low at 67.5% of the UK average per employee. CO<sub>2</sub> emissions will necessarily increase as production rises to meet demand. Measurements will be made against energy production.

Opportunities to influence others come via training courses provided for home and business owners to Myerscough College. Presentations and conducted tours of our facilities are conducted for both professional societies and student groups. The small woodlands that are brought into production for wood fuel gain an increased biodiversity as a direct result of management.

The directors will implement and review the effectiveness of the policy twice yearly.

M.J.R. Ingoldby MICFor. CEnv.  
Director  
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