

# Environmental Concern



Tackling the '6Ps' towards a neutral carbon footprint.

## Paper

As a printing and mailing company, we use a lot of paper. Paper is a renewable source and can therefore be very environmentally friendly when purchased ethically. Our policy is to;

- use/recommend paper manufactured in a mill with EMAS accreditation - the Eco-Management and Audit Scheme.
- use/recommend 100% Elemental Chlorine Free (ECF) Bleached pulp papers.
- use/recommend only papers that are sourced from sustainable forests.
- recycle ALL waste paper.
- use/recommend only recyclable papers.
- continually reducing the amount of paper wasted and estimate a 30% reduction in the amount of paper eventually needing to be recycled from our production processes.

## Packaging

Print Management and mailing intrinsically require a lot of packaging. We are tackling the packaging issues with a number of key directives.

- use only recyclable packing including wood, cardboard and Polyethylene shrinkwrap.

- recycle all waste packaging from our own packaging processes.
- re-use / recycle all incoming packaging and boxes when possible. Any of such items coming into us will be reused / recycled.
- minimise packaging used by utilising light construction boxes and air-filled internal packaging with an outer plastic protection.

## Production

All our printing production lines are now digital. Printing digitally compared to traditional litho printing, has many key environmental benefits;

- we do not need to dispose of film separations, metal plates or the chemicals associated with the lithographic processes.
- a typical make-ready/set-up on our digital press is around 5-10 sheets compared to litho where this can often be 1000's of wasted sheets.
- ink/toner used is supplied by the machine manufacturer and empty cartridges taken away by the machine manufacturer for recycling/re-use.
- waste ink/toner is collected and recycled by J&G Environmental.
- we use a supplier for toners that is committed to responsible and environmental business practices.
- we use digital workflows to manage the printing and proofing process keeps the printing of unnecessary proofs to a minimum.
- complying with all applicable local and national environmental legislation including relevant licensing provisions;

## Power

Although we must use power from the national grid, we constantly strive to use the minimum amount of power in our production processes. Our digital production machines have a far lower power consumptions than the

traditional printing machines which they replaced.  
Minimising our use of energy involves;

- conserving energy resources wherever possible.
- investigating renewable power sources on a local scale to meet some of our energy requirements.
- continuing our daily process of reviewing the despatch of every item, to utilise the most energy efficient method of transport.
- participating in industry specific and other environmental improvement initiatives. For example Cycle Scheme - making the most of the Government's Green Transport Plan Initiative and associated tax concessions offered by the Chancellor.



"Employers who work with Cyclescheme supply their employees with quality tax free bikes and equipment to encourage cycling to work."

## Pollution

- no waste through water run-off.
- no commercial waste through sewer systems.
- no commercial waste in terms of external air emissions.
- external noise pollution minimal and well below recommended levels.
- internal noise levels monitored and controlled.
- material waste minimal, our calculations suggest 90% of waste will be recycled or re-used.

## Putting Back

- Our environmental concern gives the company a low carbon footprint. This can be further improved by putting something back.
- Working with the Woodland Trust , we donate an amount of money based upon our annual revenue. The Woodland Trust uses this money to exclusively plant deciduous trees like Oak and Ash in British woodlands.
- The more our customer's spend with us, the more we donate to the Woodland Trust, the more trees are planted.
- As these trees grow and mature forming protected natural woodlands, so they will further reduce our carbon footprint by removing carbon from the atmosphere.
- In the next year we will be donating more than ever before to the Woodland Trust and we will be acknowledged for our support in the Woodland Trust Annual Review (available online).