



environmental statement

Fourth EMAS statement • January 2008



seacourt
cleaner design & print

A photograph of a forest with tall, thin trees and a mossy ground. The trees are dark green and brown, and the ground is covered in green moss and ferns. The lighting is soft and natural, suggesting a forest interior.

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Introduction to EMAS

The Council of the European Communities allows voluntary participation in a Community Eco-Management and Audit Scheme, commonly known as EMAS which should be available to all organisations having environmental impacts. This has

been established to improve the quality of environmental management throughout European industry, to help companies to gain a competitive advantage from these improvements and to communicate their progress to the general public.

Mission Statement

“To provide the highest quality printed material, working to the most stringent environmental standards and to reduce both our and our client’s footprint on the planet. We believe it is imperative for all business to take some responsibility for the environment – to make a difference.”

Foreword from the Managing Director

According to printing industry sources, the industry is the 5th largest but the 4th dirtiest industry in the world! Our industry world-wide consumes enormous quantities of toxic and long-lived substances. We, like many other industries, have in the past generally taken this for granted since these products make our life easier. However, their use contributes to the greenhouse effect, ground-level ozone and acid rain. The industry is a major consumer of freshwater and chemical products as well as having a large hand in the use of forest resources.

It was with this in mind that in 1997, the directors of Seacourt decided that they had to do something to address this situation in their own way and since then, the environmental performance of Seacourt has become something of a crusade.

We ALL have to take responsibility for our actions and not leave it to the next person.

We, at Seacourt, decided not only to gain basic environmental certification for an existing print process, but to go further by changing the process itself to the least environmentally destructive offset printing process available – Waterless Offset.

But we haven’t stopped there. We have looked at every aspect of our operation and tried to clean it up as much as we can. This is an on-going process and this statement offers a view as to our successes. However, not everything goes to plan and when it doesn’t, it merely pushes us further to reduce our environmental footprint.

At Seacourt we are trying to demonstrate best practice towards the environment. It is to be hoped that others will copy our example and decide not on short-term gain, but on long-term survival.

Environmental Policy

At Seacourt we are committed to the prevention of pollution and reducing the impact of our printing activities on the environment. In order to strive towards meeting this commitment during the manufacture and delivery of our products and services we will:

- meet all necessary legislative, regulatory and consent requirements which relate to our business
- keep informed of environmental issues and, in particular, those which are of direct relevance to our business
- continue to raise the awareness of all our employees, the effect of their actions on, and their responsibility to the environment; by communication, discussion and training
- continue to have an open dialogue with customers, public and other interested parties about relevant environmental impacts
- minimise our environmental impact by the operation of suitable waste minimisation and recycling schemes
- manage our building and site in an environmentally sensitive manner
- make use of, wherever practicable, best environmental practice when planning and developing new and existing operations
- operate a thoughtful purchasing policy by selecting wherever practical, materials and services which are less damaging to the environment
- set environmental objectives and targets based on continual improvement, monitor results and review on a regular basis
- establish and maintain an Environmental Management System which continually reduces waste, effluent, emissions and the use of scarce resources.

Signed



Managing Director

on 17 September 2007

Company Profile

Since 1946 Seacourt Ltd has been supplying quality design and colour print services to an expanding clientele of blue-chip companies. The company has gone from strength to strength and is still family owned. Seacourt has a staff of around twenty two people, many of whom have been with the company for well over a decade and one with over twenty years' service. We encourage everyone to take a personal interest and pride in operating to the highest possible industry standards in terms of quality, safety and the environment. To this end, Seacourt works under an Environmental Management System and the company is also registered to ISO 14001. Criteria for assessing the significance of the environmental aspects of Seacourt's activities, products and services are available by request



Seacourt is an active member of the British Printing Industries Federation and the Waterless Printing Association.

In 2001, Seacourt was proud to become only the second printer in the world to be awarded "CarbonNeutral[®]" status and in 2004 the company became the first printer in the UK to be awarded the Wildlife Trust's Biodiversity Benchmark certificate.

In recognition of Seacourt's pioneering environmental stance, the company was chosen as a UK entry to the 2006 European Awards for the Environment. In the same year, Seacourt became the Green Champion (Print & Publicity) in the Green Apple Awards.

Finally, 2007 saw the ultimate accolade for the company when it was awarded the **Queen's Award for Enterprise - Sustainable Development**.

Product Portfolio

Printed information comes in a variety of shapes and forms – simple but effective short-run leaflets and letterheads, high-volume product or event brochures, quality catalogues, booklets and prestige customer leaflets. The design and print of all these products are within Seacourt's remit.

The quality of these products speaks volumes about any company – it is one of the bases on which prospective customers will judge an organisation. Naturally, customers will expect the highest quality design and print, but they also

demand confidentiality and reliability, particularly in issues such as product launches and financial reporting. Work for central and local government also puts special demands on a printer – print must be high in quality but represent value for money as well as fulfilling the same needs for confidentiality and reliability.

All of these issues, quality, reliability, confidentiality and value for money are central to Seacourt's working practices.

Site Activities

Seacourt has operated from its current site for over 30 years. The company can be found in modern premises on the Horspath Industrial Estate at Cowley, Oxford, within easy reach of the Oxford ring road. Seacourt's freehold building covers some 775 square metres and is surrounded by other industrial units. This building houses all of the production equipment and goods storage on the ground floor, with sales and design offices and a customers' meeting room on the first floor.

The building is constructed partly of brick and blockwork with a steel portal frame, over which is laid profiled metal and plastic cladding to the roof and elevations.

The company has four production departments: creative, reproduction/ platemaking, printing and print finishing.

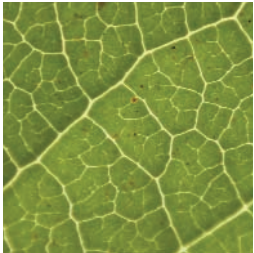
Our creative facility was opened in August 2000 as a natural extension to our pre-press facilities. Customers' jobs now seamlessly pass from digital creation, through pre-press to print without risking configuration problems, a common complaint within the printing industry.

In the latter half of 2004, Seacourt invested in a state-of-the-art digital workflow and computer-to-plate system. This has the benefit of not only producing very high quality work but also reducing the amount of waste being generated. As the system eliminates the use of film and its associated processing chemistry, these additions further reduce the company's effect on the environment.

Seacourt has placed itself at the forefront of printing technology. It was only the third printer in the UK to install Heidelberg's Direct Imaging waterless press, the QM DI-46 and since then great strides have been taken to convert existing machines to Waterless Offset together with the installation of a dedicated Waterless Offset Komori 5-colour machine.

In the finishing department, a guillotine, folding machine, collating machine, binding machine and a range of finishing equipment complement the high quality print produced by the waterless offset technique.

Based on the classification of economic activities in the European Community, the NACE code of Seacourt's site is Section D: Manufacturing, Subsection DE 22.2 Printing and service activities related to printing.



Significant Environmental Issues

A cornerstone of our ISO 14001 Environmental Management System is our register of legislation. This is maintained to help the company to keep abreast of the environmental laws which apply to our operation. A register of aspects is also maintained of those activities, products and services in which we are engaged that have a significant impact or effect on the environment. The criteria developed to determine our significant aspects is available on request.

The printing industry uses a great deal of energy in the form of gas, electricity and vehicle fuel and also the natural resource of water. At Seacourt, we measure and monitor consumption, enabling management and control. Also, we encourage economical use, being fully conscious of contributions toward global warming and the depletion of natural resources.

Paper is our essential raw material and we optimise its use, minimising waste and, where possible, select its source.

Our staff maintain close contact with our suppliers and are aware of any technical developments and advantages which may affect the environment. Whilst our customers usually specify the paper they require, we maintain a register of approved suppliers and try to work closely with them to minimise the effect we have on the depletion of the world's resources – we encourage the use of FSC paper and papers from sustainable forests.

Printing also uses much ink and organic solvent, and we try to minimise use and wastage whilst striving to reduce the related emissions which may be damaging to the atmosphere. To this end, we use our waterless presses and vegetable-oil based inks in order to reduce our VOC (Volatile Organic Compounds) emissions. Wherever possible, we adopt a programme of minimal use, re-use, substitution by renewable resources and recycling. Our health and safety arrangements also include controls to ensure the safe handling of materials which are flammable or considered hazardous to health. In the event of emergencies, we have written procedures in place.

Waste streams are also controlled, which is accomplished through a documented system of recycling and waste management. Our first priority is minimal use, control being exercised by the skills of our trained staff. Re-use, recycling and repair are the next priorities, with systems and procedures being overseen by our management. Finally, the treatment and/or disposal of waste is carried out in accordance with the legal requirements under the 1990 Environmental Protection Act. The treatment of our effluent is undertaken within the Consent to Discharge Trade Effluent which was issued to us by Thames Water Utilities and its effect is minimal and well within the levels of consent.

Our health and safety policy also includes the welfare of our staff and those working with us, and we are aware of and try to minimise any effect on our neighbours, such as noise, nuisance or smell.

Annual Significant Environmental Data

	1/3/03 - 29/2/04	1/3/04 - 28/2/05	1/3/05 - 28/2/06	1/3/06 - 28/2/07	Change between 1/3/03 - 28/2/04 and 01/3/06 - 29/2/07
WASTE PAPER (recycled):	35.92 TONNES	42.76 TONNES	49.32 TONNES	42.78 TONNES	+19.1% *****
PAPER USED:	145 TONNES	208.7 TONNES	232.1 TONNES	203.6 TONNES	+40.4% *****
ALCOHOL:	150 LITRES	125 LITRES	150 LITRES	145 LITRES	-3.3%
CHEMICALS:	1050 LITRES	985 LITRES	835 LITRES	770 LITRES	-26.7% *
INKS:	1265 KGS	1394 KGS	1951 KGS	1840 KGS	+45.4% *****
CONSUMPTION OF GAS:	25,200 CU.FT	29,100 CU.FT	15100 CU.FT	10100 CU.FT	-59.9% **
CONSUMPTION OF ELECTRICITY:	121,809 KW	143,289 KW	142267 KW	186566 KW	+53.2% *****
CONSUMPTION OF FUEL:	21421 LITRES	20617 LITRES	18358 LITRES	16360 LITRES	-23.6% ***
BUSINESS MILEAGE:			147045 MILES	128567 MILES	New Category
CONSUMPTION OF WATER:	713 CU.M	330 CU.M	264 CU.M	434 CU.M	-39.1% ****
DRY WASTE TO LANDFILL (1100 litre Bin):	312 BINS	104 BINS	104 BINS	104 BINS	-66.6%
HAZARDOUS WASTE FOR TREATMENT - FLUIDS:	2970 LITRES	2025 LITRES	265 LITRES	710 LITRES	-76.1% *****
HAZARDOUS WASTE - INK TINS:	1025 KGS	820 KGS	1230 KGS	1245 KGS	+21.5% *****
FLUORESCENT TUBES				47	New Category
EMPTY PLASTIC CONTAINERS				49	New Category
HAZARDOUS WASTE - CONTAMINATED DRY WASTE (1000 litre Bin):			2 BINS	1 BIN	New Category
LIGHTLY SOILED WASTE (1000 litre Bin)				6 BINS	New Category
WASTE CD's FOR RECYCLING (60 litre Drum):			1 DRUM	1 DRUM	New Category
PLASTICS (1000 litre Bin)				7 BINS	New Category
PRINTING PLATES SOLD AS SCRAP:	1.560 TONNES	1.207 TONNES	2.291 TONNES	1.966 TONNES	+26.0% *****
PRINT WIPES FOR TREATMENT:	12,600	14,100	16,200	15,600	+23.8% *****
NUMBER OF ENVIRONMENTAL COMPLAINTS:	0	0	0	0	=
NUMBER OF LOST TIME ACCIDENTS:	0	0	0	0	=
T/Over:	-9.81%	+9.15%	+16.06%	-6.94%	+18.4%

As can be seen from the above data, in most key categories we have managed to reduce our consumption. However, there are some areas which have risen and require some explanation.

* The reduction in chemicals reflects the installation of a computer-to-plate system that eliminates the use of film developer.

** Gas reduction is due to the removal of gas radiators.

*** Fuel usage has reduced due to lower mileage driven by salesmen and delivery drivers and the use of more economical vehicles.

**** The overall reduction in water usage is further evidence of the benefits of waterless offset printing. The recent upward variation is due to the water company estimating the usage. The final figure of the previous year was estimated as well as the first 2 periods of this year. Therefore, a large adjustment was made in the 3rd period which took into account the last period of the previous year.

***** The large decrease in this figure reflects the ctp system which eliminates the use of fixer and some developer.

***** Most increases reflect the increase in turnover over the 3 year period. However, the rise in electricity usage is due to double day shift being worked which sometimes extends into 24 hour shifts.

It should also be noted that 7 new categories have been added since 2003.

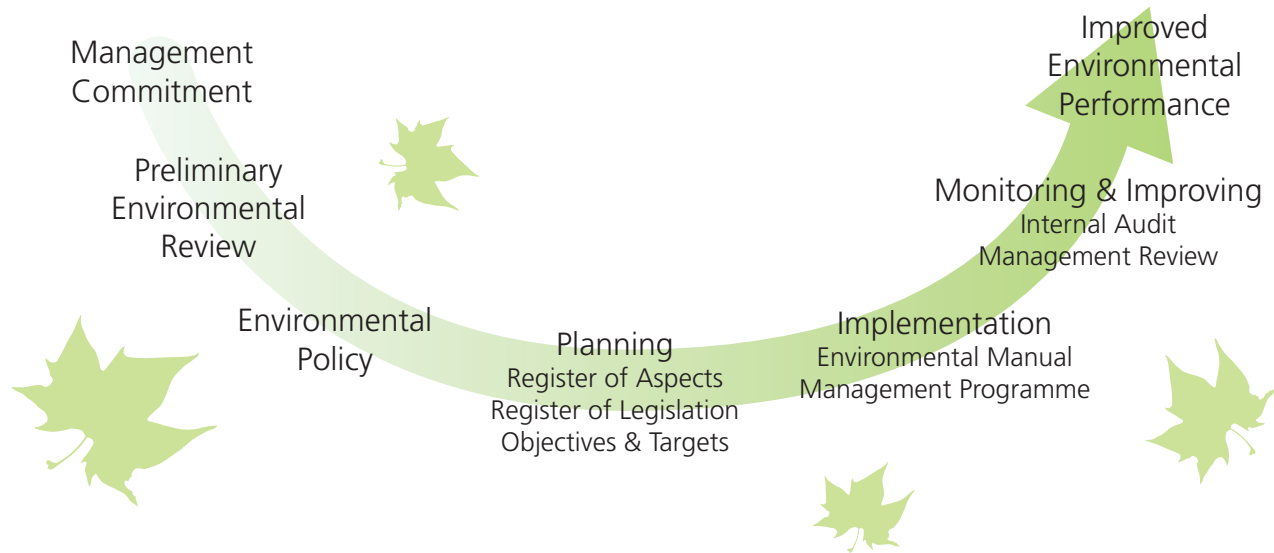


Objectives and Targets

The development of our long-term strategy to eliminate water and alcohol in our printing process continues with our commitment to the waterless printing process. At the same time, we continue to develop our expertise in the digital workflow which itself ultimately reduces the quantities of materials and chemicals used. These developments also help to reduce the use of scarce resources. Each year, Seacourt sets a number of objectives and targets. Those achieved to date include:

- The installation of a Waterless Offset 5-colour machine;
- The installation of automatic devices to save water and electricity;
- The increased awareness amongst suppliers, customers, public authorities and the public. This is an on-going objective;
- The improvement of Special Waste treatment – the recovered value of silver being passed on to a local young people's environmental group;
- The use of alternative power sources for vehicles;
- The use of vegetable-oil based inks;
- The removal of all Halon fire extinguishers and replacement with CO₂;
- The use of a toner cartridge recycling scheme;
- The changing of electricity supplier to one that uses 100% renewable sources;
- The award of the Wildlife Trust's Biodiversity Benchmark certificate (the first printer in the UK);
- The reduction of landfill waste by 66%;
- The installation of a new pre-press system to reduce waste;
- The installation of a waterless computer-to-plate system to eliminate the need to use film and associated chemistry;
- The installation of a system to reclaim/recycle plastic packaging.

Environmental Management System



Continual Improvement

In accordance with our commitment to prevent pollution and reduce the impact of our activities on the environment, we have a programme of continual improvement.

In 2007, management have set the following objectives and targets for achievement:

- To increase waste separation and reduce landfill waste;
- To improve the efficiency of electrical energy;
- To control business mileage run by company vehicles;
- To increase usage of FSC paper;
- To improve factory housekeeping and handling/storage techniques.

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EMAS declaration

This environmental Statement is the 4th EMAS Statement following one validated on 17/12/04 and has been verified as a true record of the environmental performance of Seacourt Ltd in accordance with the requirements of Council Regulation (EC) No. 761/2001.

A new statement will be produced by December 2010.

Signed *A. Gower* Date *5th December 2007*

Alan E Gower
Lead Environmental Verifier for and on behalf of BM TRADA Certification Ltd.
Stocking Lane, Hughenden Valley, High Wycombe, Bucks. HP14 4NR.
Accreditation Number: UK-V-00008



EC Eco Management and Audit Scheme

Seacourt Limited

This site has an environmental management system and its environmental performance is reported on to the public in accordance with the Community eco-management and audit scheme (Registration No. 000073)

natur**ally**responsible[✱]



Printed by ✱ **Seacourt** to the most stringent environmental systems using **Waterless** Offset (0% water and 0% Isopropyl alcohol or harmful substitutes), 100% renewable energy and vegetable oil based inks on paper with at least 75% recycled content. ✱ **Seacourt** is registered to EMAS and ISO 14001, is a CarbonNeutral[®] company and FSC certified TT-COC-2132.



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