

Environmental Statement 2017

Reporting period | January 2016 to 31 December 2016





EMAS - the Eco-Management and Audit Scheme, is a voluntary initiative designed to improve companies' environmental performance. It was initially established by European Regulation 1836/93, although this has been replaced by Council Regulation 1221/2009.

Its aim is to recognise and reward those organisations that go *beyond minimum legal compliance and continuously improve their environmental performance*. In addition, it is a requirement of the scheme that participating organisations regularly produce a public environmental statement that reports on their environmental performance. It is this voluntary publication of environmental information, whose accuracy and reliability has been independently checked by an environmental verifier, that gives EMAS and those organisations that participate enhanced credibility and recognition.

EMAS is strongly backed by Government and the environmental regulators - organisations who participate are recognised as making strong commitments to the environment and to improving their economic competitiveness.



John Early
For and on behalf of NQA Certification Ltd
Verifier ref: (UK-V-0012)
16 February 2017

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Anglia Print Limited



Anglia Print Ltd is a commercial printing company, employing five staff, located on a business park in Bettles, Norfolk.

The company was founded by Fred Popely, in Beccles, in 1978 as Anglia Printing Services and with one litho press. In January 2004 current owner, John Popely, joined his father and one other employee. Anglia Printing Services moved to larger premises in 2005 and became Anglia Print Ltd in 2008.

Anglia Print offers services a 'one stop; print service: from design through to final delivery or mailing. Lithographic and digital printing techniques are used and a diverse range of post-printing capabilities are offered: folding, stitching, mailing and associated operations and services. All operations are housed within one, leased unit. Our product range is broad and stretches from short runs of leaflets digitally printed to long runs of litho printed full colour brochures.

Our client range is diverse and ranges from local traders that choose us for reasons of price and service, to national organisations that recognise our social and environmental efforts.

Charity and Community Support

Our charity and community support is, relative to company turnover, is surely unsurpassed.

Anglia Print believes that all companies have environmental and ethical responsibilities.

Each year Anglia Print helps and supports local organisations (from local theatres to local charity events to arts groups) with free or discounted design/printing and / or free or discounted advertising in Triangle or Sunrise, our self published good news magazines. The financial value of this support, based on the usual paid rate, was over £45,000 for the 2015/16 financial year. Our donations are published in the Directors' report of our annual accounts.

Our business model, as a caring company, combined with expertise, innovation and passion for our product and industry is a model for others to follow.

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Environmental Profile and Certification

Anglia Print is, relative to its size, the most decorated printing company in the United Kingdom and environmental awareness at the heart of everything we do.

We have a long history of environmental and ethical leadership and this has always been at the heart of the company ethos and not waived in the face of industry trends and commercial challenges.

Certification and external endorsement

Anglia Print became ISO 14001 certified in 2014, EMAS registered and Forest Stewardship Council (FSC) certified in 2015.

Anglia Print was the first printing company in East Anglia to gain Carbon Neutral status: our unavoidable emissions are offset. Additionally, Anglia print has achieved, and maintains, Gold level of the Suffolk Carbon Charter.

In 2016 Anglia Print was awarded a Queen's Award for Sustainable Development in recognition of our ethical and environmental efforts. This stringent and prestigious award is another first for the printing industry in East Anglia.

Climate Change

Climate change is higher on the world's agenda than ever before and *all* businesses (not just print) need to play a part in reducing emissions to help the UK meet its commitments established in Paris in December 2015.

Anglia Print has for many years established its annual emissions and since 2015 publicly reported, after external verification, the data. We have in place a robust framework to measure, monitor and reduce our emissions: from common sense actions to reduce our energy use to the benefits gained by investing in latest print technologies.

Electricity: Our electricity is purchased from Ecotricity, on a 100% from renewable resources tariff. Electricity is used for lighting and powering equipment. Low energy lighting is in place (it is a 2017 objective to replace this with LED lights) and our heating system recycles generated heat.

Carbon Neutral

Anglia Print was certified "Climate Neutral" by Climate Care from 2005 – 2011 and has since 2011 been certified as carbon neutral by the Carbon Neutral Company; this mechanism is used to establish company-wide emissions. Our emissions are offset in global projects relating to renewable energy and methane capture.

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Environmental Management

Anglia Print aims to fully understand, manage and reduce the environmental impact of its operations.

Anglia Print is committed to continually improving its performance, ensuring compliance with all legislation, preventing pollution and reducing the environmental impact of its operations.

We now have in place systems for managing the environmental impact of our operations and ensuring we comply with all legislation. Our Environmental Aspects Register will be our framework for setting targets and objectives for improvement.

Our Environmental Policy is displayed internally and will be publicly available via our new website.

Organisation and Responsibilities

All staff are aware of our aims and actions via employee communications.

Actions and communications are led by John Popely (Director) with external input from a specialist environmental consultant.



John Popely
Director

January 2016

Every aspect of our business is geared towards
minimising our impact on the environment.
Eco, green printing isn't a must for us
it's just the way we are ...
printing with the environment in mind

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John Galt





Reduce

Reuse

Recycle

Environmental Management System (EMS)

Anglia Print's aim is to fully understand and minimise the environmental impact of our operations. Our Environmental Policy confirms our commitment to continually improving our environmental awareness and performance.

Our Environmental Management System conforms to international standards set by ISO 14001 and acts as a framework for environmental awareness, compliance with legislation and continual improvement. Combined with EMAS we have in place a robust system for environmental management. Our work with Climate Care ensures that our approach to unavoidable emissions is exhaustive.



Through ISO 14001, we:

- maintain an externally audited register, of our direct and indirect environmental impacts, that forms the foundation of our EMS
- identify our potential significant environmental impacts
- monitor and manage our environmental impacts
- maintain a database of legal and other requirements
- set specific targets and objectives for environmental improvement
- undertake regular internal audits for legal compliance and to check that our EMS is working effectively



Through EMAS, we:

- gather performance data
- monitor and analyse our performance in detail
- publicly report, after external verification, our environmental performance



Through Carbon Neutral Company® we:

- establish our company-wide emissions
- offset our emissions in projects relating to renewable energy and methane capture

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Significant Environmental Aspects

Anglia Print has conducted an exhaustive evaluation of its operations in order to establish environmental impacts. We maintain a register of all impacts and those we class as significant, and why, are:

Energy use – gas/electricity - generation from non-renewable, fossil fuels and associated emissions.

Hazardous waste - safe storage (potential spills)

General waste - safe storage and volumes sent to landfill

Chemical / oil spills. Discharge to / contamination of surface drains or land – potential pollution

Purchased goods – paper and packaging: Concerns around material sources: certified fibre? Environmental impact of manufacturing and final product disposal

Emergencies (fire, explosion, leaks, spills) – potential harm to human health and buildings

Positive Environmental Aspects

Anglia Print can boast, relative to printing industry norms, a diverse of range of positive environmental aspects: our Carbon Neutral status means no net emissions from our operations and our Presstek waterless press and digital presses have a greatly reduced environmental impact compared to conventional litho.



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Legal Compliance

We maintain a manual for our Environmental Management System (EMS), including relevant legislation and codes of practice; through ISO 14001 this is externally audited for accuracy and compliance. The following legislative requirements we feel to be especially significant:

Duty of Care

All waste generated by Anglia Print is collected for recovery or safe disposal by licensed companies. Our EMS demands that we check and hold copies of each company's license.

Water Industry Act: Trade Effluent Discharge Consent


Our water is supplied by Essex & Suffolk Water. Our current water use and disposal is classed as domestic and discharge consent is no longer required.

Environmental Permitting Regulations: Emissions to air

Our low solvent use, and associated emissions to air, means we do not need a Local Authority permit.

Producer Responsibility Obligations – Packaging Waste

Anglia Print does not handle more than 50 tonnes of packaging each year and is, therefore, not obligated under the Packaging Waste Regulations.


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Staff Involvement, Internal and External Communication

We are fully aware that staff education and involvement is crucial to the effectiveness of all operations: from our EMS to Health and Safety to internal initiatives to improve efficiency.

All new staff receive an induction covering legal and employment matters, health and safety and environmental issues. Internal noticeboards are a main mechanism for ongoing staff communication. Environmental updates are produced two or three times each year.

EMAS is our mechanism for external communication and public commitments. We recognise the potential for external communication via our website and all appropriate environmental certificates and documents and data will be displayed. Our new website was launched in 2016 and in recognition of our close relationship with Greenpeace, we use our website to promote campaigns aligned to our own ethos.

Our proactive use of our website to communicate environmental matters is not purely selfish: we believe it will play a role in raising awareness levels, and, ultimately, standards, within UK print.



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Objectives and Targets for 2016 - How did we do?

Aspect: Energy use

Effective energy (electricity) use

Facilitated by our ongoing programme of staff awareness, combined with production efficiencies, we aim to reduce our use energy by:

Specific target: To reduce electricity by 1% relevant to annual turnover

Achieved? Due to changes in work trends – smaller print runs, requiring proportionally greater resources and shorter deadlines requiring additional shifts – this target was not achieved. Electricity use increased in 2016.

Aspect: Emergencies (fire, explosion, leaks, spills)

Prevention of onsite incidents

Stringent safety mechanisms and emergency procedures are in place and communicated to staff.

Specific target: zero onsite incidents.

Achieved? There were no onsite incidents in 2016.

Aspect: Chemical / oil spills. Discharge to / contamination of surface drains or land

Prevention of onsite incidents

Stringent procedures and safety mechanisms are in place for spill prevention and action in the event of a spill.

Specific target: zero onsite incidents.

Achieved? There were no onsite incidents in 2016.

Aspect: General waste

Volumes sent to landfill.

Due to the dynamic nature of waste and recycling markets (effective recycling is only possible where markets for reuse or recycling exist) Anglia Print needs to research recycling streams for a number items that can no longer be reused or recycled by our general waste collection company.

Specific target: to return to Zero Waste to Landfill by the end of 2016.

Achieved? In 2016 we logged all waste types being disposed of via our general waste stream and began the process of finding alternative streams. Working with our waste collection company in 2017 (see 2017 Objectives) we aim to achieve this target.

Additional objective

In 2017 Anglia Print will introduce a new EMS that meets the requirements of the new ISO 14001:2015 regulations.

Specific target: to be certified to ISO 14001:2015 in 2017.

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Aspect: Energy use

Through the installation of LED lights we will reduce our associated requirement for electricity. Added benefits of this action will be reduced maintenance and reduced hazardous waste.

Specific target: To replace all existing lighting with LED alternatives.

Prevention of onsite incidents

Stringent safety mechanisms and emergency procedures are in place and communicated to staff.

Specific target: zero onsite incidents.

Concerns around material sources: certified fibre? Environmental impact of manufacturing and final product disposal.

Anglia Print has researched and identified environmentally-responsible options.

Specific target: to introduce adhesive packaging tape made from recycled paper, that is also, therefore, recyclable.

Prevention of onsite incidents

Stringent procedures and safety mechanisms are in place for spill prevention and action in the event of a spill.

Specific target: zero onsite incidents.

Volumes sent to landfill.

Due to the dynamic nature of waste and recycling markets (effective recycling is only possible where markets for reuse or recycling exist) Anglia Print needs to research recycling streams for a number items that can no longer be reused or recycled by our general waste collection company. Our waste collection company is now working to Zero Waste to Landfill and we will work with them on this project.

Specific target: to return to Zero Waste to Landfill by the end of 2017.

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Note: Anglia Print's financial year runs 1 September to 31 August.
Our performance data is for the calendar year.

Energy Efficiency	Units	2016	Gross Annual Turnover £millions	Ratio 2016	Ratio 2015
Electricity - 100% Renewables Tariff	MWh	28.7	0.289	99.31	90.30
Total direct energy use	MWh	28.7	0.289	99.31	90.30

Water Consumption	Units	2016	No. of Staff	Ratio 2016	Ratio 2015
Water Consumption	m ³	35	5	7	4.4
<i>Normalised against staff numbers: 5</i>					

Material Efficiency	Units	2016	Gross Annual Turnover £millions	Ratio 2016	Ratio 2015
Paper	tonnes	36.82	0.289	127.40	129.47
Ink: process and pantone	tonnes	4.05	0.289	14.01	10.76
Total materials purchased	tonnes	40.87	0.289	141.42	140.23

Non Hazardous Waste	Units	2016	Gross Annual Turnover £millions	Ratio 2016	Ratio 2015
Annual General	tonnes	3,575	0.289	12.37	11.78
<i>Non-compacted volumes converted to tonnes and 50% full container average</i>					
Materials recycled: Paper, Cardboard	tonnes	7.64	0.289	26.44	28.78
Total	tonnes	11.22	0.289	38.81	40.56

Core Indicator: biodiversity	Units	2016	Gross Annual Turnover £millions	Ratio 2016	Ratio 2015
One unit: 1500 sq ft	m ²	139.45	0.289	482.53	458.72

Data for the above is collected through: supplier invoices, statements and delivery notes.

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Emissions

For 2016 our emissions from energy use (electricity) and delivery transport (fuel used) have been calculated using UK Government Conversion Factors for Company Reporting.

Carbon Dioxide Equivalent (CO ₂ equivalent)	Tonnes	Turnover £m	Ratio 2016	Ratio 2015
Direct energy: electricity	11.83	0.289	40.92	41.73
Delivery transport fuel	2.72	0.289	9.41	9.26
Total	14.55	0.289	50.35	50.99

Total annual air emission	Tonnes	Turnover £m	Ratio 2016	Ratio 2015
SO ₂ - Sulphur dioxide	0.28	0.289	0.969	0.891
NO _x - Oxides of nitrogen	0.07	0.289	0.242	0.227
Total	0.35	0.289	1.211	1.12

Delivery transport is our own van and not courier deliveries. We estimate that 70% of deliveries (mainly local) are made by our vans.

Methodology for emissions calculations

Defra / DECC's GHG Conversion Factors for Company Reporting 2016

Emissions of CH₄ and N₂O associated with our use of energy for production, heating and transport purposes have been taken into account in the calculation of our greenhouse gas emissions (above) which are expressed as tonnes of Carbon Dioxide Equivalent (CO₂ equivalent). Our processes do not produce significant emissions of other air pollutants (such as Hydrofluorocarbons, Perfluorocarbons, Sulphur hexafluoride). No electricity is generated on site.

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Environmental Incidents

Environmental incidents are recorded and discussed at Management Review meetings, as a requirement of ISO 14001. No incidents were reported during 2016.

Support Activities

Federation of Small Businesses

Anglia Print is a member.

Waterless Printing Association

Anglia Print is a member.

Awards



2016

Anglia Print won

The Queen's Award for Enterprise: Sustainable Development



2014



2009



2009



2008



2006



2005

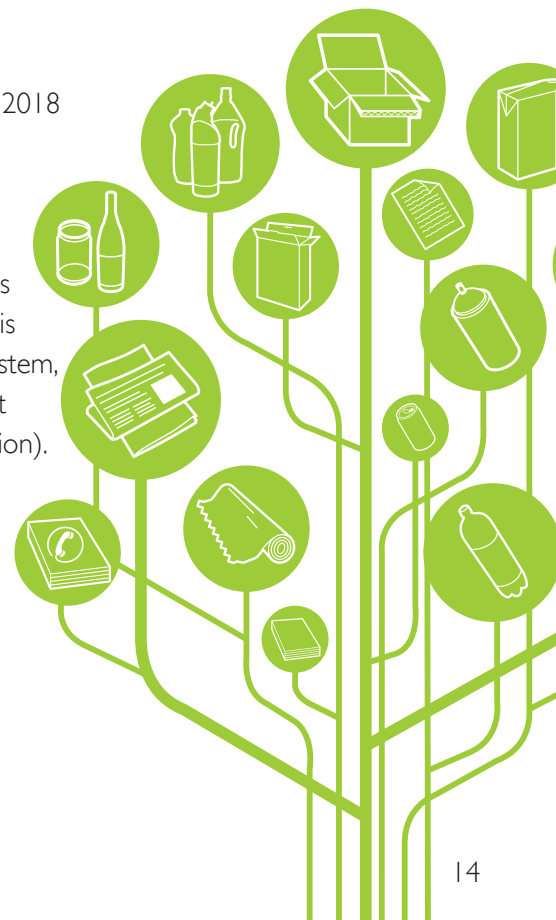
Next EMAS statement

We will produce our next EMAS annual statement in February 2018

Verification

Further to consideration of the documentation, data and information resulting from the organisation's internal procedures examined on a sampling basis during the verification process, it is evident that the environmental policy, program, management system, review (or audit procedure) and environmental statement meet the requirements of Regulation 1221/2009 (The EMAS Regulation).

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