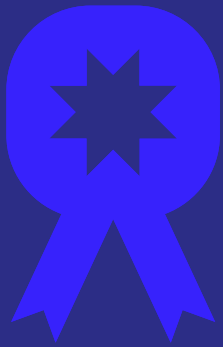


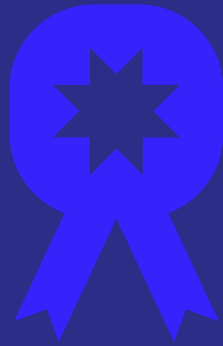
(Th)ink

Environmental Statement for Generation Press.





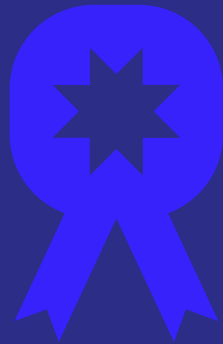
Print Week Awards 2019
Book Printer of the Year 2019
Highly commended



Print Week Awards 2019
Fine Art Printer of the Year 2019
Highly commended



Digital Printer Awards 2018
Environmental / sustainability
company of the year - **Winners!**



Print Week Awards 2018
Book Printer of the Year - **Finalist**

GP's seventh environmental statement and footprint report. Our Environmental Management System (EMS) is designed to meet the requirements of the high standards of the ECO_management and Audit Scheme (EMAS) which sadly, was officially suspended due to Brexit. Now, this report will be used to verify our BCORP Impact Assessment in the view of becoming a certified BCORP corporation.

Generation Press Environmental Statement 2019

GP Scope: Provision of Print Production –
Digital, Lithographic, Letterpress and Foil blocking.

NACE Code 1812

We Are Generation Press

"I don't want to protect the environment, I want
to create a world where the environment doesn't
need protecting"

Unknown



Paul Hewitt

Owner / Managing Director
at Generation Press.

Signed:

20 November 2019

A word from the boss MD

We are Generation Press.
We make beautiful print.
We believe in sustainable print.

This could have been our 7th EMAS Environmental Statement. Due to the dreaded B-word (Brexit), we can no longer be audited by the scheme.

Undeterred, we've decided to go it alone whilst we work towards BCORP. We remain committed to examining every aspect of our business finding that BCORP is a more rigorous alternative scheme, ensuring companies meet the highest standards of environmental AND social performance, transparency and accountability. It's more than environmental practice and will make us much better printers and people. At Generation Press, we continue to collaborate with some of the best

brands and design agencies around, spreading our mission of print optimism, and developing the craft that goes into making every printed item we produce. Experimenting, learning, improving quality and striving to be better, which of course, includes the environmental side of our business.

"Demonstrating leadership in climate action", we were awarded "10 years Carbon Neutral Certification". We were honoured to win Environmental / Sustainability Company of the Year 2018 at the Digital Printer Awards; shortlisted for Book Printer of the Year 2018 at the Print Week Awards; highly commended at the British Book Design and Production Awards for our Exhibition Catalogues 2018, and, yes there is more, we were awarded a D&AD Wood Pencil for our collaboration with Arjo Wiggins, Build and Nick Asbury on the Paper Wraps Stone brand identity project.

We may do all these things in the background, but our ethical sourcing and environmental activities are fundamental to how we operate. They run equally alongside the quality of printing we aim for. One informs the other. So it's always exhilarating when we get recognised publicly for the work we do.


We have improved our recycling rate from 98.8% to 98.9% - well done us! That may not sound like a lot, but quite hard to achieve these figures when at this level.

We've now planted 5,748 trees, equivalent to planting 59 trees per month. However, we are looking into maybe using a quarter of this budget to plant bee-friendly plants here at GP for our bees if possible.

Our bees have been even more productive producing 30 jars of Devil's Honey for Christmas 2018. We are looking at surpassing even that target, with 80 jars for this upcoming Christmas, 2019.

There's still much more to do. So, before we look to the future in pursuit of higher quality, more innovation, and an alternative eco-management and audit scheme, and maybe BCORP is the answer.

We believe our achievements are pretty impressive and don't mind saying so. It's all down to the team here who deserve a good blow on the Generation Press trumpet. This is another one for them.



About Generation Press



About Generation Press

Collaboration, craft, commitment, don't just make it, make it better, family business, fourth generation, heart and soul, borderline obsessive, not even borderline, invent, reinvent, stay curious, listen, print with principles, make more from less, less waste, less cost, quality, quality, quality, five years we were EMAS-certified, now aiming for BCORP, not impossible, just hard, dig into details, price it fairly, pride in each project, ideas into print.

Think about ink.

Founded in 1905, Generation Press is a small, family-run business with a great heritage and huge ambitions. We are obsessed with the craft of quality print, and with achieving it in a clean, ethical, and sustainable ways as possible. Simple.

Our passion for quality comes from our love of excellent design and a respect for the creative community we're so proud to be a part of. We're all crazy perfectionists here, totally consumed with every minuscule detail of the creative process. We can't help it.

Despite being based on a rural farm in the beautiful Sussex countryside,

we've always been at the forefront of the print industry. We work with outstanding clients, which puts us in a unique position. Our colleagues not only rely on us to embrace the latest techniques and cutting edge technologies, but they also trust us to advise on the highest quality, sustainable materials, and stocks for each project.

By knowing the best suppliers, their sourcing policies, the provenance of their materials and miles travelled, we're able to deliver world-class print solutions and influence change by example in very practical ways.

It's not just about producing great-looking work that is worth keeping (and not discarding). It's about the whole lifecycle of a print product. We care what happened before the job came to us, while it's in our hands, and what happens next. Which is why we stay curious and inspired. We may be small, but it doesn't stop us aiming high, thinking big and caring beyond the here and now.

Four generations of thoughtful business. Great design, quality print, created to last.

Activities & Services

We offer a diverse range of creative print solutions from business cards, fashion books, corporate and personal stationery to charity annual reports and accounts, art catalogues and distinctive invitations for private functions and giant corporate events. We bring brands to life with beautifully designed, tactile communications with which people

Specialist activities:

- Graphic Limited Editions
- Fine Art Catalogues
- Photographic Books
- Coffee Table Books
- Luxury Stationery
- Business Stationery
- Creative Packaging
- Invitations

Specialist services:

Litho

Our core craft. Exploring. Fine-tuning. Investing. Combination of latest technology (e.g. closed-loop colour control) + human know-how (from experience). Very, very versatile. Fine art. Reports & accounts. Detailed work. Short/medium/long runs. Pride in every project.

Digital

Adventure in technology. Good for short-runs. Personalised. On-demand. Improving for quality & range. Invested in HP Indigo press. Seven-colour. Handles more stocks than ever. Dark materials. Clear materials. White ink. Takes human expertise. Digital is now a craft.

Foiling

Hot metal fusing foil to stock. Silver. Gold. White. Coloured. In-house on modified Heidelberg press. Hand-operated. Human craft. Stationery loves it. Business cards love it. Premium projects love it. We love it.

Die-cutting

Precision incision. Any shape. Many materials. Also kiss-cutting. Where you cut a layer & leave base untouched. Peel-off stickers. Bespoke paper-over-board presentation box. 2mm-thick duplexed stocks. Heavy-duty grey boards. All in-house. Takes know how to do it well.

Letterpress

Old school. In our blood. Our first & second generations were letterpress compositors. Revived with love. Original craftsmen aimed to 'kiss' ink onto paper with no sign of indent. Now it's seen as part of the charm. Nice with opulent metallics. Bold fluorescents. Rich primary colours. Old + new.

Colour-edging

The third dimension of print. Applying colour to the edge of a business card, invitation, book block. Spent years mastering it. Mixing the inks in-house. Metallics. Colour gradients. One edge or many. GP speciality.

Duplexing

Bonding sheets of paper / board together. Two or more. Triplex. Quadroplex. Pentaplex. Hexaplex. (Hexaplex = great word.) Most we've done is 6 sheets. So far. All about texture & heft. Layers of colour. Print geology.



We made 30 jars of honey for Christmas 2019! Named 'Devils Honey' in beautiful jars and new labels.

GP's Bees

"If the bee disappears from the earth, man would have no more than four years to live"

Albert Einstein



Green Paper

Environmental Policy

Celebrating over 10 years
of being Carbon Neutral.

Generation Press

Generation Press

**Demonstrating leadership
in climate action with**

**10 Years
of CarbonNeutral
certification**

Presented by:

**NATURAL
CAPITAL
PARTNERS**

Green Paper

We are Generation Press.
We make beautiful print.
We believe in sustainable print.

**Scope: Provision of Print Production –
Digital, Lithographic, Letterpress, Foil
blocking.**

We at Generation Press are printers through and through. Across four generations, great print runs through our veins. We know sustainable print equals beautiful print. To make more from less is possible. For us, improving quality and reducing costs and our impact on the planet go hand-in-hand. Using renewable energy, fewer inks, and offering paper from responsibly managed forests will never compromise the standard of our work. And being carbon neutral means exactly that, in short, we are print progressives, or print optimists, if you like.

This Green Paper (our Environmental Policy and Eco Programme), which is updated every year, sets out our targets. It's a part policy statement, part road map, part checklist. It provides us with a charter that constantly reminds us of what our environmental and ethical responsibilities are, and that we have a shared commitment to meet them.

Duty of Care

We are still EMAS in our soul
For six years running, our environmental performance has been assessed and accredited by the EU Eco-Management and Audit Scheme (EMAS). In spite of Brexit excluding us from being audited by EMAS, we will continue examining every aspect of our business to the same stringent standards. Until we find an equally rigorous alternative scheme, we shall carry on regardless. We are going for BCORP!

We are ISO14001:2015
We have upgraded to the 2015 standard. As the most recognised environmental management standard in the world, this is a big deal in itself.

We are carbon neutral
We have been for 10 years. A zero carbon footprint is a good target because it focuses attention and makes us gather the data. As part of our offsetting programme, we support the Sub-Saharan Africa Improved Water Infrastructure. Nearly a billion people worldwide do not have access to safe drinking water. This Gold Standard project provides many small rural communities, based primarily in Uganda and Malawi, access to clean drinking water. In Uganda alone, ten rehabilitated boreholes serve 5,700 people, preventing 10 cases of diarrhoea and six fatalities each year.

We offer sustainable paper

We always recommend clients choose certified papers from well-managed forests. The criteria for these papers are to conserve biological diversity and ancient woodlands, protect indigenous groups, and combat climate change. One day, we hope sustainable paper sources will be mandatory throughout the print industry. Ask us more about paper options.

We use vegetable inks

They're better for the planet and better quality. We've been using them since the last millennium. We also use computer-to-plate technology, which removes the need for toxic chemicals. Our B2 Press is super-efficient on ink and energy.

We use less paper and less ink

Since beginning our EMAS audits in 2013, we've been keeping strict records of our consumption. We have seen an overall 71% increase in production of sheets printed per kilo of ink since publishing our first EMAS Statement in 2013.

We use solar power

Our solar panels go a long way to powering two of our main presses in building 2. They also look beautiful, or handsome, depending on which way your sun shines.

We use renewable energy

Aside from our solar power, the rest of our electricity comes from Ecotricity, the world's first green electricity company and still the most advanced. They invest more in creating renewable energy than all other UK suppliers put together. Like us, they've long been EMAS- certified. We're on the 100% Green Energy tariff, which means everything we produce at Generation Press is powered entirely by the wind and the sun.

We reuse and recycle

We reuse and recycle all materials wherever possible. We now recycle 98.9% of our waste, and just 1.1% goes to landfill. We make our business card boxes from 100% recycled card. All off-cuts and 'overs' become gorgeous notebooks. We donate our foils to a local Community Recycling scheme,

and all our printing rags are collected, washed and reused by a professional, certified company.

Our packaging is Greenwrap – a sustainable replacement for oil-based plastic packaging materials (bubble-wrap and polychips). Greenwrap is biodegradable, derived solely from certified, sustainably managed forests, and is 100% recyclable and compostable. We also recycle the packaging that vendors send to us.

We are digital

Technological advancements enable us to offer clients affordable, world-class print options without compromising our environmental objectives. We cannot stress enough how important this is for us.



Our trees being planted
at Knepp Wildland,
Sussex, 2019.

Generation Press's
UK Tree initiative



Our trees being planted
at Knepp Wildland,
Sussex, 2019.

Generation Press's
UK Tree Initiative

We reduce waste

We commit to environmental protection, and continual improvement, prevention of pollution, protection of biodiversity and eco-systems, water and air quality, all reinforced through our previous EMAS standards and annually ISO14001: 2015. Where we cannot reuse or recycle, we dispose of our waste using the most responsible and safest methods available. All general waste is disposed of in accordance with the Environmental Protection (Duty-of-Care) Regulations 2003, and any waste IT is disposed of in line with the Waste Electrical and Electronic Equipment (WEEE) Regulations.

We do a bit more

Our Buy A Bike Scheme, which is open to any employee to purchase a bicycle via the company and pay off monthly, encourages cycling to work with on average four employees regularly doing so. We also insist that all journeys to and from London are by train and we recommend eco-taxis whenever buses or the underground are not viable.

We drink ethical tea and coffee with fair trade, organic sugar and a drop of our amazing, locally produced, high-welfare milk.


We plant trees

Alder, Beech, Broom, Crab Apple, Dogwood, Gorse, Hazel, Juniper, Lime, Maple, Rowan, Scots Pine, Spindle, Sweet Chestnut, Walnut, Wild Cherry, Wild Pear, Wild Plum, Wych Elm, and Yew. So far, we've funded the planting of trees at The Crossing, a community tree-planting project on the outskirts of Forest Row on the East/West Sussex border. This year we planted trees at the Woodah Farm, on the very edge of Dartmoor in Devon, Leswidden Forest in Cornwall, and Sparks Wood in Kent, and most recently Knepp Wildland in West Sussex.

We've been planting trees for eight years now, which equates to approximately 59 trees a month. We save on average 5kg of CO2 per tree per year. For 5,748 trees, that's 28.74 tonnes of carbon per year. This saving is in addition to our Carbon Neutral assessment offsetting.

Nuts and bolts

We continually improve our Environmental Management System (EMS) to enhance our environmental performance. We've integrated environmental management into all our business activities and provide a framework for setting, appraising, and reviewing environmental objectives and targets set at management review. EMAS may have kept us on our toes by ensuring that we meet and fulfil compliance obligations, covering all the legal and regulatory requirements that apply directly to us, but we try to make all this stuff a way of life at Generation Press.



Small acts, when multiplied
by millions of people, can
transform the world.

Unknown

(EMS) Environmental Management System



(EMS)

Our trees being planted
at Knepp Wildland,
Sussex, 2019.

Generation Press's
UK Tree initiative

Our EMS meets the standard of
ISO14001 (approved for registration
by NQA) and includes:

1. Environmental Policy
(The Green Paper).
2. Environmental objectives and
targets statement.
3. Scope statement.
4. Together with the primary
elements of the EMS, within all
associated procedures and related
registers and documents.

We review all our activities to identify those that have an important or significant impact on the environment. Then we take action on how we can improve in those areas.

Throughout the year, we monitor progress, and each year, we review our targets to ensure we are improving our environmental performance. All members of the team at Generation Press are responsible for their parts in meeting environmental performance targets.

Zoë Hazelden, Sustainability Manager, is responsible for developing and running the environmental management and internal audit systems, and producing an annual management review of environmental performance.

Paul Hewitt, Managing Director, acts as the main advocate for what the company believes in and for its environmental policies and practices.



Legal Requirements

Our trees being planted
at Knepp Wildland,
Sussex, 2019.

Generation Press's
UK Tree Initiative

Legal Requirements

Compliance makes all the difference.

Year-on-year, we will continue to identify where we are falling short and make improvements. A register is maintained, updated, and controlled by our Environmental Management System.

No trade effluent is discharged from any of our sites. We don't actually need consent. As we use so little solvent, we do not need a Local Authority permit under Environmental Permitting Regulations.

We are also not required to register with the Environment Agency under the Producer Responsibility Obligations Regulations 2010 – (less than 50 tonnes of Packaging Waste annually).

All applicable environmental legal requirements are completed via the 'Compliance Obligations Register' (D 02).

We are living on the planet as if we have another one to go to.

Terry Swearingen

Results/1&2 2017-18 GP's Environmental Objectives, Targets & Programmes

1. Solid Waste Generation (Direct)

Objective 01

Zero to landfill by November 2020, leading to 100% recycling by 2021.

Target 01

Remove from landfill: Source (1) local recycling for polystyrene (2) Food waste composting solution.

Result 01

Our location is the problem. We can remove item by item by researching feasibility with distance. We are recycling solution for Polystyrene locally, our coffee bags are returned to sender for recycling, crisp packets will follow the same route, thereby removing them from landfill. Next to start composting items; food, teabags & Coffee.

Target 02

Unused paper stock, cut to A4 & A3 and donate to local schools.

Result 02

One pallet of A3, A4 mixed colours and stocks was delivered to our local 'Good Start' school, Sussex, 4 The St, Poynings, Brighton BN45 7AQ

2. Liquid Waste Generation (Direct)

Objective 03

Reduce ink consumption per sheet.

Target 03

Reduce ink consumption per sheet by 1% compared to production

Result 03

Not achieved. We have seen a 22% decrease in inefficiency. This has been a technical issue with the B2 press over two years steadily worsening, including many reprints. The final and only resolution has sadly meant 3% addition of alcohol. After two years of trying anything to avoid this.

Objective 04

Remove waste from landfill.

Target 04

Continue to divert a minimum of 98% from landfill including liquid waste and solid combined, with the aim of being closer to 99% by removing more landfill items.

Result 04

Yay! Achieved 98.9%. Hopefully, the extra items being removed will push us towards 99%!

Results/3&4 2017-18 GP's Environmental Objectives, Targets & Programmes

3. Energy Consumption (Direct)

Objective 05

Reduce energy consumption.

Target 05

Reduce electricity by 1% within the Premises scope.

Result 05

Sadly we have seen our first 'premises' increase due to a mistake in meter readings, which meant we have been on 'estimated' readings rather than actual readings, which has meant an increase this year. Increasing our 'premises' from 10.1 to 13.1 tCO2e. This is the first increase in 'premises' for 6 years since we began the EMAS process.

Objective 06

Eventually, replace all lighting at Generation Press with LED lighting.

Target 06

Replace toilet and kitchen in building 1 with LED and sensors due to toilets in building 2 being done in its place last year.

Result 06

LED lights were replaced in the office of Building one instead of the toilets in building 1.

4. Carbon Dioxide Emissions (Direct & Indirect)

Objective 07

Reduce carbon dioxide emissions.

Target 07

Reduce carbon emissions by 1% within 'premises' scope.

Result 07

Sadly we have seen an increase due to a mistake in readings, which meant we have been on 'estimated' readings rather than actual readings, which has meant an increase this year. Increasing our 'total' from 36.4 to 40.4.tCO2e.

Objective 08

Maintain the purchase of UK trees.

Target 08

Continue to plant a minimum of 700 trees and record the amount of CO2 saved.

Result 08

Total trees 5748, with a whopping 806 trees being planted in the UK this year!

Objective 09

Nurture our new bees.

Target 09

Make honey for Christmas 2018 - More than 6 jars of honey

Result 09

We made a wonderful 30 jars of honey for Christmas 2019! Named 'Devils Honey' in beautiful jars and new labels.



2018–2019 GP's Significant direct and indirect aspects & impacts

GP's Significant Direct and Indirect Aspects & Impacts

1. & 2. Solid Waste Generation & Liquid Waste Generation (Direct)

Using our waste management system, we currently recycle 98.9% of our waste. This includes recycling or reusing almost all items from the production of print: paper, card, cardboard, mill dyed paper, wax wrappings, polythene, waste ink, ink tins, plate developer, plastics, off-cut foils, aluminium plates, copper, magnesium, and brass. Since August 2012, we also recycle our blanket rollers, duct foils, and rubber printing blankets. All our printing rags are collected, washed, and reused by a professional, certified company.

In our studio/office, we collect and recycle our ink cartridges, batteries, DVDs, CDs, and all WEEE (Waste Electrical and Electronic Equipment). We use environmental cleaning services, and recycle the dry mixed recycling from our offices and kitchens.

Waste ink, metal ink tins and plate Chemicals are disposed of as hazardous waste in accordance with Hazardous Waste Regulations. General waste from all sites is disposed of in accordance with the Environmental Protection (Duty-of-Care) Regulations, and any waste IT is disposed of in line with The Waste Electrical and Electronic Equipment (WEEE) Regulations.

Potential Impact:

The recycling, re-use, and safe disposal of waste create CO₂ emissions. But, if you do reuse and recycle, you can significantly reduce the amount of waste going to landfill. Mismanagement of waste can give rise to air, land, and water pollution by methane and other greenhouse gases. Transporting waste produces emissions. All waste must be treated with a 'Duty-of-Care'.



cont'd... 2018-2019 GP's Significant direct and indirect aspects & impacts

Significant Aspect 3. Energy Consumption (Electricity) (Direct)

Generation Press does not use gas. Our studio/office is heated by oil, which is safely banded in accordance with environmental legislation. We record 'degree days', to account for either our low or high oil use depending on how cold it gets in winter.

For many years, Ecotricity has been our green supplier of choice because it invests in renewable energy sources. And since installing our solar panels, we have been able to dramatically reduce our need for external energy sources.

Monthly meter readings are taken, and we are able to confirm that this year only 33% of our electricity in building 2 was due to a breakdown in our solar-powered. All solar energy generated at weekends, or when the presses are not running, is sold back to the grid.

Potential Impact:
The generation and use of electricity creates greenhouse gases.

4. Carbon Dioxide Emissions (Direct & Indirect)

The Generation Press Carbon Neutral results for this year is 40.4 tCO₂e, and for each employee it is 3.1 tCO₂e (last year 2.8 tCO₂e). Our tCO₂e has increased from 36.4 tCO₂e to 40.4tCO₂e which is a 11% increase.

This increase is due to long term estimate electricity readings corrected in one year.

Potential Impact:
CO₂ emissions relating to the overall operation of the company including business travel, power consumption, recycling, waste management and logistics.



GP's Environmental Objectives Targets & Programmes

These are our long-term goals
and fundamental beliefs:

- Quality print forever.
- Reduce energy consumption.
- Reduce CO₂ emissions.
- Zero waste: zero to landfill.
- Encourage behavioural change
internally and externally.

These are different to our targets,
which are refreshed annually to
ensure we continue to improve,
achieve and sustain our long-term
objectives above.

Our trees being planted
at Knepp Wildland,
Sussex, 2019.

Generation Press's
UK Tree Initiative

GP's Environmental Objectives, Targets & Programmes 2019/20

1. Solid Waste Generation

Objective 01

Objective 01. Improve landfill by November 2020 by 1%

Target 01

Remove from landfill: Source (1) Food waste composting solution.

Objective 02

School paper project donation.

Target 02

Unused paper stock, cut to A4 & A3 and donate to local schools.

2. Liquid Waste Generation

Objective 03

Divert more than 98% from landfill

Target 03

Continue to divert a minimum of 98% from landfill including liquid waste and solid combined, with the aim to be 99% by removing more landfill items by 2020 and donate to local schools.

3. Energy Consumption

Objective 04

Reduce energy consumption.

Target 04

Research and obtain a quote for voltage optimisation.

Objective 05

Eventually, replace all lighting at Generation Press with LED lighting.

Objective 06

Replace toilet and kitchen in building 1 with LED and sensors due to the office 1 Building 1 being done in its place last year.

Target 06

Release funds for Environmental targets.

Objective 06

GP Environmental Budget Internal Audit. Review and adapt.

4. Carbon Dioxide Emissions

Objective 07

Maintain the purchase of UK trees.

Target 07

Continue to plant a minimum of 700 trees and the record amount of CO2 being saved.

Objective 08

Nurture our bees.

Objective 08

Plant all year round plants for food for our bees.



Summary Data On Performance

GP's Key Environmental Performance over 6 years

1. Paper Usage

Environmental data	2015/16	2016/17	2017/18
1. Paper			
Purchased (tonnes)	94.40	97.022	141,061
Sheets printed (B2&B3)	3,080,789	4,248,933	4,445,199
Sheets printed (Foiling)	761,898	604,680	469,512
Sheets printed (Indigo)	1,571,329	1,237,098	1,237,635
Total Sheets	5,414,016	6,090,711	6,152,346
Ink Purchased (kilos)	1,573	1,201	1,570
Sheets Printed per kilo of ink	3,442	5,071	3,919
2. CO₂ Emissions (tCO₂e)	36	36.4	40.4
3. Energy Usage			
Electricity - 100% Green renewable from external source(kWh)	57,025	54.253	74.123
Electricity - Renewable from internal PV Panels (kwh)	15,286	16,006	14,386
Fuel (Litres)	3,651	3,150	4,322
Degree days (15.5 degrees)	1,397	1,514	1,721
4. Waste Product (tonnes)	33.90	36.73	41.2
5. Water (m3)	342.18	339.3	339.3
6. Environmental Complaints	0	0	0

1% increase in production
 45% Increase in paper purchased
 30% Increase in ink purchased
 22% decrease in efficiency sheets printed per kilo of ink

The reason for increase in ink & paper is due to the consistent issues we have had with our B2 press, reprints etc for the past 1.5 years searching for a solution. Sadly we have had no choice but to add a small quantity of alcohol to finally fix the issues.

Solar system broke during the summer months.

2. CO₂ Emissions GHG

CO ₂ Emissions GHG	2015/16	2016/17	2017/18
Electricity & transmission (tCO₂e)	0	1.78	1.79
Fuel Oil (tCO₂e)	9.25	7.98	11.0
Landfill Waste (tCO₂e)	0.19	0.21	0.22
Premises Total (tCO₂e)	11.6	10.1	13.1
Business Travel (tCO₂e)	4.97	5.2	6.51
Transport (tCO₂e)	19.40	21.07	20.80
Total (tCO₂e)	36	36.4	40.4
Staff	11	13	13
Key Performance Indicators (KPI) tCO ₂ e = per full time equivalent employees	3.27	2.8	3.1

11% increase in total CO₂ emissions
 30% increase in premises CO₂ emissions

Unfortunately this is due to a large period of time Ecotricity had been invoicing with estimated readings. Therefore the correction for this accumulative estimates has created an abnormally high carbon count this year rather than just usage of this one year.

3. Energy Usage (100% Renewable) (significant aspect 2)

Energy Usage	2015/16	2016/17	2017/18
Electricity – 100% Green renewable from external source MWh	57 MWh	54.3 Mwh	74.1 Mwh
Electricity – Renewable from internal PV Panels	15.29 Mwh	16.0 Mwh	14.4 Mwh
36.6% increase due to the estimated readings.			

4. Waste (significant aspect 1)

This is a breakdown of our waste and recycling.

Waste	2015/16	2016/17	2017/18
DMR Recycling	3.30 tonnes (3,302 kg)	7.32 tonnes (7,323 kg)	3.7 tonnes (3,733kg)
General Printed Waste	18.03 tonnes (18,026 kg)	23.37 tonnes (23,369 kg)	22.9 tonnes (22,880 kg)
Mill Dyed Paper	6.75 tonnes (6,750)	5.24 tonnes (5,242kg)	7.40 tonnes (7,436kg)
Wax Wrappers	0.88 tonnes (875 kg)	0.22 tonnes (220 kg)	1.46 tonnes (1,495 kg)
Cardboard	1.56 tonnes (1,560 kg)	2.08 tonnes (2,080 kg)	2.12 tonnes (2,115 kg)
Polywrap	0.10 tonnes (100 kg)	0.06 tonnes (58 kg)	0.18 tonnes (182 kg)

Waste	2015/16	2016/17	2017/18
General Landfill	0.41 tonnes (414 kg)	0.45 tonnes (450 kg)	0.47 tonnes (468 kg)
Hazardous Liquid	0.76 tonnes (755) (litres)	0.64 tonnes (640) (litres)	0.44 tonnes (438) (litres)
Hazardous Solid	0.38 tonnes (383 kg)	0.31 tonnes (305 kg)	0.41 tonnes (410 kg)
Non-Hazardous Waste	1.74 tonnes (1,741 kg)	1.4 tonnes (1,397 kg)	2.01 tonnes (2,011 kg)
Total Waste	33.9 tonnes	36.73 tonnes	41.17 tonnes
Recycling Rate	98.8%	98.8%	98.9%

12% increase in all waste
98% (and above) consistent recycling rate for 7 years
This year, we recycled 98.9% Yay!

This is an estimated usage of water. 339.3 Gallons / 100 Gallons per day, per person (x13) x 261 working days per year. Our water is on a shared meter with Manor Farm. Most of our water usage comes from sanitary provisions in our office, barn and new building. All water is discharged to a public sewer. Our water usage is minimal.

6. Environmental Complaints

There have been no environmental complaints.

Core Indicators

	A Total annual input / impact	B Production (Sheets printed per kilo of ink)	R Ratio of A to B
Energy Efficiency			
Electricity-100% Green renewable from external source	74,123 kwh	3,916	18.93
Energy Efficiency			
Electricity-Renewable from internal PV Panels	14,386 kwh	3,916	3.67
Energy Efficiency			
Fuel (Heating Oil)	42,446 Kwh (4322L)	3,916	10.84
Material Efficiency			
(Paper purchased)	141,061 kg (141 tonnes)	3,916	0.04
Water	339 m ³	3,916	0.09
Waste General	40,320 kg (40.32 tonnes)	3,916	0.010
Waste Hazardous	850 kg (0.85 tonne)		0.0002
Biodiversity all sites at Manor Farm, Poynings	338.4 m ²	3,916	0.9
Emissions			
Annual GHG	4040 kg (40.4 tonnes)	3,916	0.01
Annual Gaseous	1060 kg (1.06 tonnes)		0.0003

Annual (GHG) Greenhouse Gases 2019

CO ₂	Tonnes	Conversion GWP @ 100 years	Tonnes
CO ₂ – Carbon Dioxide	39.7	1	39.7
CH ₄ – Methane	0.0107	25	0.255
N ₂ O – Nitrous Oxide	0.00149	298	0.288
HFC – Hydrofluorocarbons	0	14,800	0
PFC – Perfluorocarbons	0	1,430	0
SF ₆ – Sulphur Hexafluoride	0	22,800	0
Annual Gaseous			
SO ₂ – Sulphur Dioxide			1.06
NO _x – Oxides of Nitrogen			0
PM – Particulate Matter			0

Paul Hewitt
Owner / Managing Director
at Generation Press.
Signed: 

20 November 2019

GP's Feedback & Contact

Address:

Generation Press
Manor Farm Business Centre
Poynings
Brighton
East Sussex
BN45 7AG

Contact:

zoe@generationpress.co.uk
paul@generationpress.co.uk

Contact Paul Hewitt (A.K.A. Scrub) if you fancy an impassioned rant about absolutely anything Generation Press, print, paper, inks, and colour – or bikes. Yes really, bikes, and bike components, and bike clothing, or just bikes.

For a (non-green sandals) nuts and bolts rant about anything green, or politics, ideas, films, even music, you can contact our Sustainability Manager, Zoë Hazelden (A.K.A. Eco Warrior). Anything. Really. Our phone number is 01273 857449, or use the emails above.

The Environmental Statement is an annual reporting process.

Environmental declaration

This is our seventh Environmental Statement. It has not been verified. However, it is a true record of the environmental performance of Generation Press Ltd. A new unaudited Environmental Statement will be produced if we do not find an alternative solution before next year. We'll carry on regardless for now...

The greatest threat to our planet is the belief that someone else will save it.

Robert Swan



Print Specification

Cover

Stock: Colorset Indigo, 270 gsm

Print: One Colour, Digital White

End Sheet

Stock: Colorset Light Grey, 120 gsm

Inner Pages

Stock: Carona Offset, 120 gsm

Print: Lithography CMYK + PMS GP Indigo™

Inner Section

Stock: Colorset Pink Ice, 120 gsm

Print: Lithography, CMYK + PMS GP Indigo™

End Sheet

Stock: Colorset Light Grey, 120 gsm

Print: Lithography, One Colour PMS GP Indigo™

Generation Press

+44 (0)1273 857 449

info@generationpress.co.uk

generationpress.co.uk