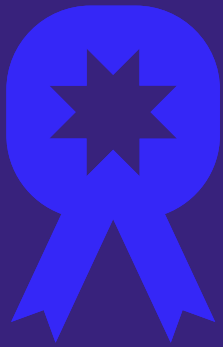


# (Th)ink

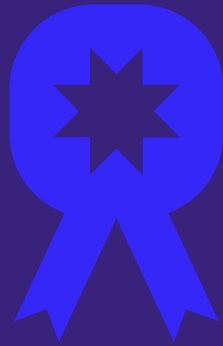
Environmental Statement for Generation Press.





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



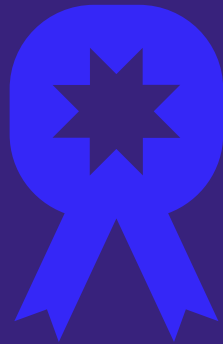
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Print Week Awards 2019  
Fine Art Printer of the Year 2019  
**Highly commended**



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



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

GP's eighth 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 maintain a certified BCORP corporation status. Currently in the evaluation cue.

# **Generation Press Environmental Statement 2020**

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

NACE Code 1812



# We Are Generation Press

B CORP is coming...

We hit "verify" in September 2020, evaluation due in 2021.



Paul Hewitt

Owner / Managing Director  
at Generation Press.

Signed:

20 November 2020

### A word from the boss MD

Our mission is to produce the highest quality sustainable print with honesty and integrity. Inspired by four generations before us, determined to find the best and the most ethical route for generations to come.

What an unusual year we have all had. COVID-19 will affect next years accounting figures.

This is our 8th EMAS Environmental Statement. We remain committed to examining every aspect of our business, we reckon that B CORP is the most rigorous audit social scheme out there. Ensuring companies meet the highest standards of environmental AND social performance, transparency and accountability. Learning, improving quality and striving to be better people and a better company.

B CORP was our goal this year. COVID-19 and lockdown focussed Generation Press on what is truly important. Firstly, lucky to be here. And it reconfirmed, we want to be more authentic, be more transparent and continue to produce the best quality print in the industry.

With that in mind. The answer is ... "B CORP, B CORP, B CORP".

Here are 10 B CORP facts to share:

1. Calling all you brilliant creatives, friends & collaborators; "B Inspired, B Innovative, B Disruptive, B Responsible".

Give it a go. The assessment is free to fill out. See how close you are to being the B Corp certification.

The B Corp assessment (BIA): [bimpactassessment.net/](http://bimpactassessment.net/)

2. B Corp. B stands for the change we want in the world. Better business, best for the world.

3. B Corp certification is managed by B Lab. B Lab is a non-profit that serves a global movement of entrepreneurs & businesses meeting the highest standards of social and environmental performance, transparency and accountability. Its vision is that all businesses across the globe will measure and manage their impact with the same attention as they do to profit.

4. A global economy where 'People are Using Business As A Force For Good'.

5. B Corp allows you to imagine the possibility of business can create a planet-friendly world.

6. The B Corp community works toward reduced inequality, lower levels

of poverty, a healthier environment, stronger communities, and the creation of more high-quality jobs with dignity and purpose.

7. Since its establishment in 2006, the B Corp movement has been dubbed "THE FUTURE OF BUSINESS."

8. B Hive - the best club to be a member of. A collaboration that supports, inspires, helps and guide you, whenever you need it. Changemakers that disrupt the status quo.

9. The B Corp assessment measures a business's performance in five key categories – governance, workers, customers, community and the environment – using credible, independent and verifiable standards of social and environmental performance.

10. YAY! We're on our way to being a BCORP CERTIFIED Company...

A photograph of a dirt path and a paved road winding through a dense, lush green forest. Sunlight filters through the trees, creating dappled shadows on the ground. The path is on the left, and the road is on the right, both leading into the distance. The foliage is thick and vibrant green.

# 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.



GP's Bees

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

Albert Einstein



# Green Paper

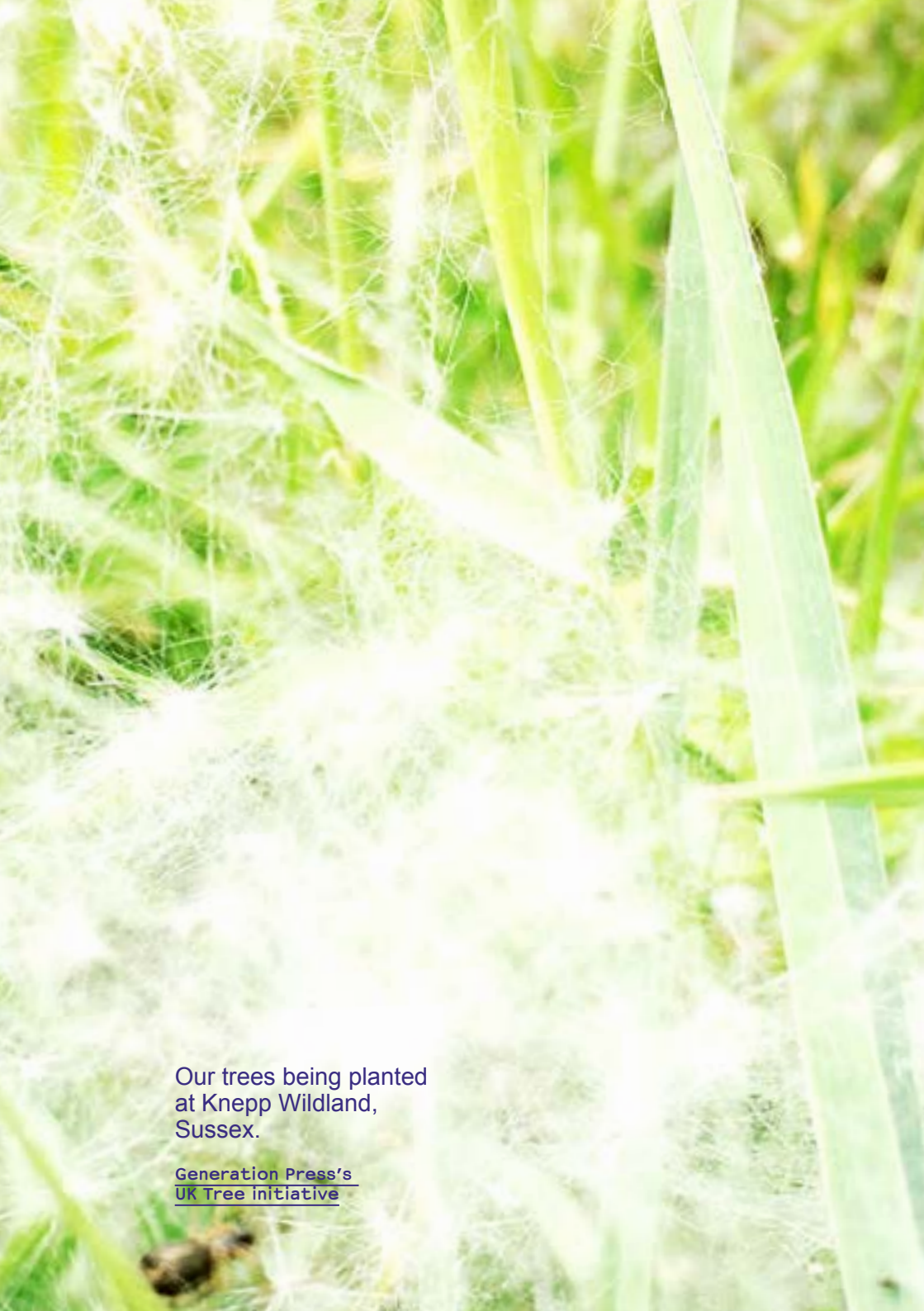
Environmental Policy

Our trees being planted  
at Knepp Wildland,  
Sussex.

Generation Press's  
UK Tree Initiative

Our environmental policy version 201120

14 / 15



Our trees being planted  
at Knepp Wildland,  
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Generation Press's  
UK Tree initiative

## 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 since 2006. 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 are FSC

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 75% increase in production of sheets printed per kilo of ink since publishing our first EMAS Statement in 2013.

#### We use solar power

The 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 98.8% of our waste, and just 1.2% 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.

Generation Press's  
UK Tree initiative



Our trees being planted  
at Knepp Wildland,  
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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

6001 trees to date in the UK. 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 62 trees a month. We save on average 5kg of CO2 per tree per year. For 6001 trees, that's 30 tonnes of carbon per year. This saving is in addition to our Carbon Neutral assessment offsetting, this is our 'carbon positive' annual contribution.

#### 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. Our EMS is designed to meet the requirements of the high standards of the ECO\_management and Audit Scheme (EMAS) which was officially suspended due to Brexit. This report will be used to maintain a certified BCORP corporation status. Currently in the evaluation cue... watch this 'green' space.



# (EMS) Environmental Management System

Our trees being planted  
at Knepp Wildland,  
Sussex.

Generation Press's  
UK Tree initiative



# (EMS)

Our trees being planted  
at Knepp Wildland,  
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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.

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 2018-19 GP's Environmental Objectives, Targets & Programmes

## Objective 01

Improve landfill by November 2021 by 1%

## Target 01

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

## Result 01

COVID. 6 months lost in 2020 to achieve this change. Completed January 2021

## Target 02

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

## Result 02

COVID. 6 months lost - second annual delivery of unused paper to schools did not happen - DELAYED / Review for 2021.

## 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 being 99% by removing more landfill items by 2020.

## Result 03

Achieved a 98.8% recycling rate

## Objective 04

Reduce energy consumption

## Target 04

Research and obtain a quote for voltage optimisation.

## Result 04

Achieved. However, due to budgets, this may not be an option, or viable for the size we are.

# Results/3&4 2018-19 GP's Environmental Objectives, Targets & Programmes

## Objective 05

Eventually replace all lighting at Generation Press with LED lighting.

## Target 05

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

## Result 05

COVID. 6 months lost in 2020 to achieve this change - DELAYED / Review for 2021.

## Objective 06

Release funds for Environmental targets.

## Target 06

GP Environmental Budget Internal Audit. Review and adapt.

## Result 06

Achieved / Living Wage & BCORP & FSC.

## Objective 07

Maintain the purchase of UK trees

## Target 07

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

## Result 07

We decided to put the tree budget toward achieving BCorp and to resume tree planting after. COVID. DELAYED / Review for 2021.

## Objective 08

Nurture our new Bees.

## Target 08

Plant all year round plants for food for our bees.

## Result 08

After a bumper year of honey last year, our bees didn't survive the winter. Many theories exist but none can be proved, but I'm insured it's all part of learning to become a successful Bee Keeper! Luckily my father-in-law was able to supply us a new hive with a young Queen. We cleaned up our hives, ready to rebuild our 3 hive estate. So far, so good. We then found a new swarm local to us. I captured the queen, and the swarm followed. We housed them in another hive in the hope it would establish. Alas, as any beekeeper worth their salt will tell you: A swarm in July ain't worth a fly. While the swarm is young and still being established and strengthened, we have decided not to take any honey from them this year to give them the best chance with an excellent healthy store for the winter.



# 2019–2020 GP's Significant direct and indirect aspects & impacts

Our trees being planted  
at Knepp Wildland,  
Sussex.

Generation Press's  
UK Tree Initiative

## 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. This year, we have added palet straps to the recycling system.

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 CO<sub>2</sub> 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... 2019–2020 GP's Significant direct and indirect aspects & impacts

Our trees being planted  
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## 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 40% of the electricity in building 2 is solar-powered. All solar energy generated at weekends, or when the presses are not running, is sold back to the grid.

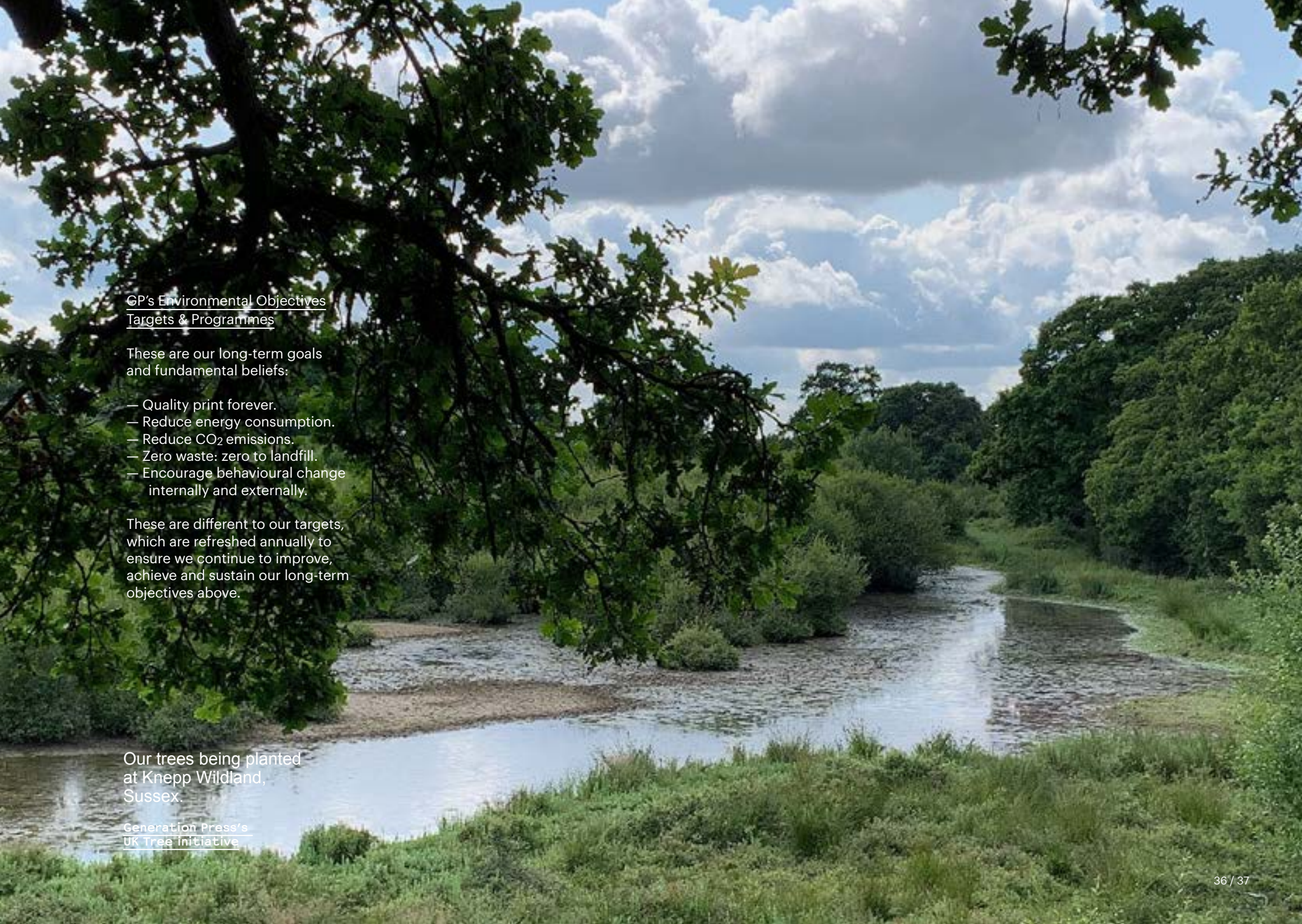
Potential Impact:  
The generation and use of electricity creates greenhouse gases.

## 4. Carbon Dioxide Emissions (Direct & Indirect)

The Generation Press Carbon Neutral results for this year is 57.3 tCO<sub>2</sub>e, and for each employee it is 4.8 tCO<sub>2</sub>e (last year 3.1 tCO<sub>2</sub>e). Our tCO<sub>2</sub>e has increased from 40.4 CO<sub>2</sub>e to 57.3tCO<sub>2</sub>e which is a 41.8% increase.

This is due to 109% increase international flight deliveries.

Potential Impact:  
CO<sub>2</sub> 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 CO<sub>2</sub> 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  
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Generation Press's  
UK Tree Initiative

# GP's Environmental Objectives, Targets & Programmes 2020/21

## Objective 01

Complete BCORP assessment and become certified by 2021.

## Target 01

Be a BCORP certified company.

## Objective 02

Become a 'certified Living Wage Employer.

## Target 02

Register 'Living Wage Employer'. We already pay the Living Wage for many years. We want to be a certified member.

## Objective 03

Improve landfill by November 2021 by 1%

## Target 03

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

## Objective 04

Divert more than 98% from landfill.

## Target 04

Continue to divert a minimum of 98% from landfill including liquid waste and solid combined, with the aim to being 99% by removing more landfill items by 2021

## Objective 05

Reduce energy consumption compared to previous year.

## Objective 05

Use less energy compared to production.

## Target 06

Maintain the purchase of UK trees

## Objective 06

Continue to plant trees and record amount of CO2 being saved.

## Objective 07

Nurture our new Bees

## Target 07

Plant all year round plants for food for our bees/and more honey.



# Summary Data On Performance

## GP's Key Environmental Performance over 6 years

### 1. Paper Usage

| Environmental data                                                  | 2016/17   | 2017/18   | 2018/19   |
|---------------------------------------------------------------------|-----------|-----------|-----------|
| <b>1. Paper</b>                                                     |           |           |           |
| <b>Purchased (tonnes)</b>                                           | 97,022    | 141,061   | 131,484   |
| <b>Sheets printed (B2&amp;B3)</b>                                   | 4,248,933 | 4,445,199 | 3,748,992 |
| <b>Sheets printed (Foiling/letterpress)</b>                         | 604,680   | 469,512   | 1,131,551 |
| <b>Sheets printed (Indigo)</b>                                      | 1,237,098 | 1,237,635 | 1,086,486 |
| <b>Total Sheets</b>                                                 | 6,090,711 | 6,152,346 | 5,967,029 |
| <b>Ink Purchased (kilos)</b>                                        | 1,201     | 1,570     | 1332      |
| <b>Sheets Printed per kilo of ink</b>                               | 5,071     | 3,919     | 4,480     |
| <b>2. CO<sub>2</sub> Emissions (tCO<sub>2</sub>e)</b>               | 36.4      | 40.4      | 57.3      |
| <b>3. Energy Usage</b>                                              |           |           |           |
| <b>Electricity - 100% Green renewable from external source(kWh)</b> | 54,253    | 74,123    | 49,874    |
| <b>Electricity - Renewable from internal PV Panels (kwh)</b>        | 16,006    | 14,386    | 14,122    |
| <b>Fuel (Litres)</b>                                                | 3,150     | 4,322     | 3,107     |
| <b>Degree days (15.5 degrees)</b>                                   | 1,514     | 1,721     | 1,568     |
| <b>4. Waste Product (tonnes)</b>                                    | 36.73     | 41.2      | 38.3      |
| <b>5. Water (m3)</b>                                                | 339.3     | 339.3     | 239.9     |
| <b>6. Environmental Complaints</b>                                  | 0         | 0         | 0         |

6% decrease in production  
 7% decrease in paper purchased  
 15.2% decrease in ink purchased  
 11% decrease in efficiency sheets printed per kilo of ink

Increase in c02 is due to the 109% increase in international flight deliveries.

## 2. CO<sub>2</sub> Emissions GHG

| CO <sub>2</sub> Emissions GHG                                                                      | 2016/17 | 2017/18 | 2018/19 |
|----------------------------------------------------------------------------------------------------|---------|---------|---------|
| <b>Electricity &amp; transmission (tCO<sub>2</sub>e)</b>                                           | 1.78    | 1.79    | 1.25    |
| <b>Fuel Oil (tCO<sub>2</sub>e)</b>                                                                 | 7.98    | 11.0    | 7.85    |
| <b>Landfill Waste (tCO<sub>2</sub>e)</b>                                                           | 0.21    | 0.22    | 0.27    |
| <b>Premises Total (tCO<sub>2</sub>e)</b>                                                           | 10.1    | 13.1    | 9.5     |
| <b>Business Travel (tCO<sub>2</sub>e)</b>                                                          | 5.2     | 6.51    | 4.85    |
| <b>Transport (tCO<sub>2</sub>e)</b>                                                                | 21.07   | 20.80   | 42.83   |
| <b>Total (tCO<sub>2</sub>e)</b>                                                                    | 36.4    | 40.4    | 57.3    |
| <b>Staff</b>                                                                                       | 13      | 13      | 12      |
| <b>Key Performance Indicators (KPI)</b><br>tCO <sub>2</sub> e = per full time equivalent employees | 2.8     | 3.1     | 4.8     |

41.8% increase in total C02 emissions  
 37.9% a wonderful decrease in our total premises C02

Increase in c02 is due to the 109% increase in international flight deliveries.

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

| Energy Usage                                                | 2016/17  | 2017/18  | 2018/19  |
|-------------------------------------------------------------|----------|----------|----------|
| Electricity – 100% Green renewable from external source MWh | 54.3 Mwh | 74.1 Mwh | 58 Mwh   |
| Electricity – Renewable from internal PV Panels             | 16.0 Mwh | 14.4 Mwh | 14.1 Mwh |
| 21.5% decrease                                              |          |          |          |

### 4. Waste (significant aspect 1)

This is a breakdown of our waste and recycling.

| Waste                 | 2016/17                     | 2017/18                    | 2018/19                     |
|-----------------------|-----------------------------|----------------------------|-----------------------------|
| DMR Recycling         | 7.32 tonnes<br>(7,323 kg)   | 3.7 tonnes<br>(3,733kg)    | 3.45 tonnes<br>(3,446 kg)   |
| General Printed Waste | 23.37 tonnes<br>(23,369 kg) | 22.9 tonnes<br>(22,880 kg) | 21.63 tonnes<br>(21,632 kg) |
| Mill Dyed Paper       | 5.24 tonnes<br>(5,242kg)    | 7.40 tonnes<br>(7,436kg)   | 5.83 tonnes<br>(5824 kg)    |
| Wax Wrappers          | 0.22 tonnes<br>(220 kg)     | 1.46 tonnes<br>(1,495 kg)  | 1.56 tonnes<br>(1,560 kg)   |
| Cardboard             | 2.08 tonnes<br>(2,080 kg)   | 2.12 tonnes<br>(2,115 kg)  | 2.7 tonnes<br>(2,704 kg)    |
| Polywrap              | 0.06 tonnes<br>(58 kg)      | 0.18 tonnes<br>(182 kg)    | 0.22 tonnes<br>(218 kg)     |

| Waste               | 2016/17                          | 2017/18                          | 2018/19                          |
|---------------------|----------------------------------|----------------------------------|----------------------------------|
| General Landfill    | 0.45 tonnes<br>(450 kg)          | 0.47 tonnes<br>(468 kg)          | 0.47 tonnes<br>(468 kg)          |
| Hazardous Liquid    | 0.64 tonnes<br>(640)<br>(litres) | 0.44 tonnes<br>(438)<br>(litres) | 0.26 tonnes<br>(262)<br>(litres) |
| Hazardous Solid     | 0.31 tonnes<br>(305 kg)          | 0.41 tonnes<br>(410 kg)          | 0.46 tonnes<br>(460 kg)          |
| Non-Hazardous Waste | 1.4 tonnes<br>(1,397 kg)         | 2.01 tonnes<br>(2,011 kg)        | 1.73 tonnes<br>(1,725 kg)        |
| Total Waste         | 36.73 tonnes                     | 41.17 tonnes                     | 38.29 tonnes                     |
| Recycling Rate      | 98.8%                            | 98.9%                            | 98.8%                            |

7% decrease in all waste

98% (and above) consistent recycling rate for 8 years running.

This is an estimated usage of water 238.6 Gallons / 100 Gallons per day, per person (x12) 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.

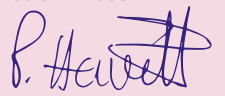
## Core Indicators

|                                                       | A<br>Total<br>annual input /<br>impact | B<br>Production<br>(Sheets<br>printed<br>per kilo<br>of ink) | R<br>Ratio<br>of<br>A to B |
|-------------------------------------------------------|----------------------------------------|--------------------------------------------------------------|----------------------------|
| Energy Efficiency                                     |                                        |                                                              |                            |
| Electricity-100% Green renewable from external source | 58,158 kwh                             | 4,480                                                        | 12.98                      |
| Energy Efficiency                                     |                                        |                                                              |                            |
| Electricity-Renewable from internal PV Panels         | 14,112 kwh                             | 4,480                                                        | 3.15                       |
| Energy Efficiency                                     |                                        |                                                              |                            |
| Fuel (Heating Oil)                                    | 30,514 Kwh<br>(3,107 Ltrs)             | 4,480                                                        | 6.81                       |
| Material Efficiency                                   |                                        |                                                              |                            |
| (Paper purchased)                                     | 131.5 tonnes                           | 4,480                                                        | 0.03                       |
| Water                                                 | 343 m <sup>3</sup>                     | 4,480                                                        | 0.08                       |
| Waste General                                         | 37.57 tonnes                           | 4,480                                                        | 0.008                      |
| Waste Hazardous                                       | 0.72 tonnes                            |                                                              | 0.0000                     |
| Biodiversity all sites at Manor Farm, Poynings        | 338.4 m <sup>2</sup>                   | 4,480                                                        | 0.8                        |
| Emissions (Annual GHG)                                | 57.3 tonnes                            | 4,480                                                        | 0.01                       |
| Annual Gaseous                                        | 1.06 tonnes                            |                                                              | 0.0002                     |

An average of 25% decrease in all figures from last year.

## Annual (GHG) Greenhouse Gases 2019

| CO <sub>2</sub>                        | Tonnes  | Conversion<br>GWP @ 100<br>years | Tonnes |
|----------------------------------------|---------|----------------------------------|--------|
| CO <sub>2</sub> – Carbon Dioxide       | 56.4    | 1                                | 56.4   |
| CH <sub>4</sub> – Methane              | 0.0107  | 25                               | 0.294  |
| N <sub>2</sub> O – Nitrous Oxide       | 0.00149 | 298                              | 0.464  |
| HFC – Hydrofluorocarbons               | 0       | 14,800                           | 0      |
| PFC – Perfluorocarbons                 | 0       | 1,430                            | 0      |
| SF <sub>6</sub> – Sulphur Hexafluoride | 0       | 22,800                           | 0      |
| Annual Gaseous                         |         |                                  |        |
| SO <sub>2</sub> – Sulphur Dioxide      |         |                                  | 0.83   |
| NO <sub>x</sub> – Oxides of Nitrogen   |         |                                  | 0      |
| PM – Particulate Matter                |         |                                  | 0      |

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

20 November 2020

## GP's Feedback & Contact

### Address:

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### Contact:

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[paul@generationpress.co.uk](mailto: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 eighth Environmental Statement. It has not been verified. However, it is a true record of the environmental performance of Generation Press Ltd.

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™

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