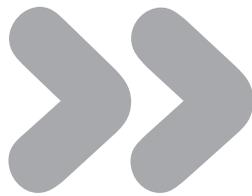




**Park**



**EMAS**  
**Environmental**  
**Statement**





# ENVIRONMENTAL COMMITMENT

**Our employees, customers, suppliers, local environment, global environment and future generations will all benefit from the action we take now.**

At Park, we recognise that our business activities directly and indirectly impact on our environment. We manage these in a responsible manner, ensuring we make a positive contribution to environmental protection.



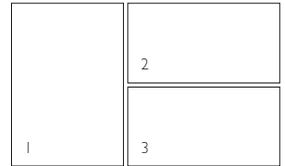
# INTRODUCTION



## Explanation of EMAS

EMAS, the Eco-Management and Audit Scheme, is a voluntary initiative, designed to improve the environmental performance of companies. Its aim is to recognise and reward those organisations that go 'beyond minimum legal compliance and continually improve their environmental performance'.

It is a requirement of the scheme that participating organisations regularly produce a publicly available statement that reports on their environmental performance. This provides visibility for all stakeholders, as EMAS requires participating organisations to have the accuracy and reliability of their data independently checked and subject to third-party verification prior to publication.



1. Mute swan, Greenwich Ecology Park
  2. Fox cubs, South London Cemetery
  3. Lapwings inner Thames marshes
- Right hand page: Stave Hill Ecology Park





## Managing Director's statement

At Park, we are committed to making a positive contribution towards environmental protection. We continually strive to achieve this through minimising the impact our business has on the environment and raising awareness of environmental concerns among our stakeholders. In doing so, we will not only protect the environment, but also improve business processes and reduce costs.

The company is certified to ISO 14001, and holds the FSC® Chain of Custody certificate. In 2007, we moved to a new site, specifically designed to minimise our environmental impact.

As a further strengthening of our environmental programme, we work within the EMAS certification. The discipline of EMAS ensures we maintain impetus and rigour in our environmental management and improvement programme.

Key performance indicators have to be accurately recorded, independently audited and made available to our stakeholders.

By committing to EMAS, we are publicly committing to delivering continued improvement. With the active involvement of staff and the publication of our environmental statement, we hope all those we touch will share our commitment and passion to protect our environment.

*Alison Branch*



# ORGANISATION



## Summary of activities

Park provides a one-point-of-contact managed service to translate, artwork, print, distribute and store all of a customer's literature (NACE code C18.1).

We produce reports and accounts, fine art catalogues, marketing and presentation literature, fund management reports, government publications, financial prospectuses and investment research documentation. Our customers include City institutions, consumer and business-to-business companies, and government departments.



## Certifications

Our Quality Management System (QMS) is certified to ISO 9001, and our Environmental Management System (EMS) to ISO 14001. During 2015, we successfully implemented our Information Security Management System, which is certified to ISO 27001. The systems are active, with an emphasis on continual improvement. We also hold the FSC® Chain of Custody certificate.



## Premises and improved technology

Our premises are specifically designed to minimise our environmental impact. Lighting, air-conditioning and heating units are low energy consuming and centrally controlled, improving efficiency and preventing systems being operational when areas are not in use.

Air extracted from the building as part of the paper waste extraction process is recycled.

During 2016 Park installed our new KBA Rapida 106 press, replacing two older presses and enabling improved efficiency and reductions in chemistry and materials.

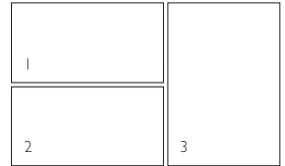
To future proof the factory, make efficiencies, and gain both quality and environmental benefits, Park invested heavily in new modern, efficient and robust equipment and have one of the most technologically advanced facilities in the UK. All key production processes are in-house, including specialist activities such as laminating, perfect and PUR binding, fulfilment and mailing. This enables us to control the amount of energy, water and chemistry we consume and reduces the associated transport emissions by eliminating transport to and from outworkers.



## Production processes

The Park premises offer:

- Two 10 colour perfecting presses which can print each side of the paper at the same time, plus one 6 colour and coating press
- Two Fuji/Screen Thermal Plate Setters to further enhance; image reproduction, productivity and environmental performance, and to provide additional capacity to support ongoing sales growth
- Efficient equipment, allowing internalisation of finishing, and enabling work to be managed and better controlled, so reducing waste, reprints and the associated carbon emissions
- Thermal laminator; uniquely modified, allows us to laminate heavy solids printed with vegetable inks, which is highly efficient, speeding up the lamination process
- Faster colour matching as a result of a state-of-the-art CIP3 interface (producing a file format with preset ink levels), alongside Image Control compliant to ISO 12647 (enabling digital proofs to simulate actual printed sheets). Both systems reduce the requirement for additional paper and board when preparing a job on press
- 20 station perfect and Polyurethane Reactive (PUR) binder. In addition the binder has Asir3 bar code security which eliminates mis-collation errors
- An integrated workflow and Remote Data Capture (RDC) system
- An extensive digital printing facility
- Tailor-made customer facilities, including lounge, catering, office and IT equipment



1. We offer three presses (two 10 colour and one 6 colour)
2. 20 station Acoro 5 perfect and PUR binder with Asir3 bar code security
3. Purpose built facility





# POLICY



## Environmental policy

Our objective is to manage our business so as to minimise the effects of our activities on the environment and to demonstrate our commitment to protecting the environment.

We will:

- evaluate and assess the environmental effects of the Company's operations;
- regularly review legal and other compliance requirements to ensure these are fulfilled;
- apply the principles of reduce, reuse and recycle in our processes;
- monitor and control our processes to minimise and prevent pollution;
- provide guidance and training on environmental requirements to staff and sub-contractors working at our site;
- liaise with suppliers whose activities relate to our environmental impact, to ensure they are compliant with environmental requirements;
- increase awareness of environmental issues among our stakeholders.

We regularly review our environmental effects to facilitate continual improvement of our environmental performance. The particular arrangements to implement this policy are set out in the BMS (Business Management System) manual.

Environmental matters are seen as a key company issue. Our Environmental Policy, and the measures to implement it, have been devised on the basis of advice from the BPIF and other relevant bodies, as well as in consultation with appropriate employee representatives.

Alison Branch, Managing Director, is responsible for the effective performance and operation of our Environmental Management System. We recognise that active employee involvement is a key element in the achievement of environmental objectives. A copy of the Environmental Policy has been given to each current member of staff, and is given to all new starters as part of their induction. Additional copies of our policy are available on the company intranet and on request from Alison Branch or Jenny Reed.

The policy will be kept up-to-date, particularly as the business changes in nature and size. To ensure this, the policy and the way in which it has operated will be reviewed every year.

Alison Branch  
Managing Director



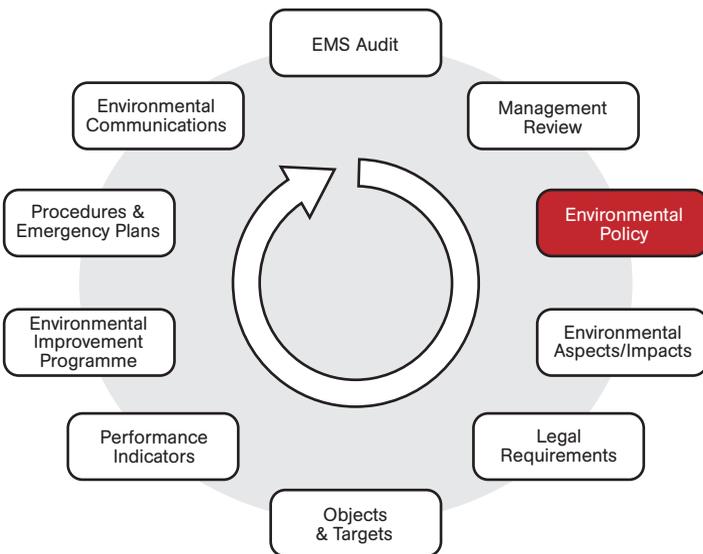
## Description of EMS and continual improvement

Our Quality Management System (QMS) is certified to ISO 9001, our Information Security Management System (ISMS) is certified to ISO 27001, and our Environmental Management System (EMS) to ISO 14001. The systems are active, with an emphasis on continual improvement.

The EMS provides a framework for Park to control the environmental impact of our activities, products and services, and to continually improve our environmental performance. The function of the EMS is to ensure and demonstrate compliance with our published Environmental Policy. The system covers all aspects of company operations.

An on-site Process Manager is responsible for coordinating activities defined within the EMS.

Risk-based internal audits are conducted by our internal auditing team and external audits are carried out bi-annually by the British Standards Institution.





# ENVIRONMENTAL ASPECTS



## Aspects, effects and impacts

In determining our environmental effects, consideration is given to all aspects of company operations. When facets of the business have an environmental impact, these are assessed, regularly reviewed and analysed in order to establish their importance. Aspects are ranked with reference to legislative requirements, environmental damage, interested parties, and frequency or likelihood during normal operating conditions. In addition, the effects of past activities, abnormal operations or emergency conditions are included in the assessment framework. Our three highest ranking aspects are emission of greenhouse gases, VOCs and vehicle emissions.

- **Direct impact** – Park endeavours to prevent pollution to land, water and air, and to minimise its use of natural resources and production of waste. Our impact on the local community in relation to dust and noise is also monitored.
- **Indirect impact** – In addition, we recognise that the practices of sub-contractors and suppliers have an indirect environmental impact. We are committed to continually improving our environmental programme, and we encourage our customers and suppliers to do the same. The recyclable nature of our paper products result in minimal effects on the environment.



## Legal compliance

Relevant legislation for our operations is detailed in our Register of Legislative and Regulatory Requirements. This document is reviewed and monitored by senior management.

- **Discharges to water** – Under the Water Industry Act 1991, Thames Water has granted Park consent to discharge trade effluent that shall not exceed 48,000 litres/day. Usage is monitored on a monthly basis to ensure compliance. On average, usage remains at 26% of this figure.
- **Waste to landfill** – The Producer Responsibility Obligations (packaging waste) Regulations 2008 establishes an eligibility threshold of 50 tonnes within a 12-month period on companies handling packaging. Park's annual consumption of packaging materials remains well below this figure.
- **Hazardous Waste** – All waste, both hazardous and non-hazardous is transferred to registered carriers for disposal or recovery, in full compliance with applicable legal requirements.



Applicable legislation	Limits	2016
Water Industry Act 1991	48,000 litres/day	12,544 litres/day av.
Producer Responsibility Obligations (packaging waste) Regulations 2008	50 tonnes	36.96 tonnes

Internal evaluation indicates that Park is fully compliant with all applicable environmental legislation and other requirements.



# OBJECTIVES AND TARGETS

Objectives

Key Process Indicator

Targets

## Priority 1

Use ISO 14001 and EMAS to drive continual improvement

- Environmental Improvement Programme
- Environmental Statement metrics

- Close 90% of initiatives within scheduled timescales
- Publish biannual environmental KPI results at the Environmental Corrective Action meetings

## Priority 2

Minimise use of natural resources

- Total Energy consumption
- Water
- White paper waste
- Packaging

- Reduce 2% each year against energy/ impressions
- Maintain 2016 levels of water usage
- Reduce paper waste by 2%
- Reduce packaging by 2% (normalised for production output)



## Objectives

The primary environmental objectives for 2017 are presented alongside key performance indicators and targets that reflect our most significant environmental impact.

### Priority 3

Reduce environmental impact by: minimising use of materials that are known to be detrimental to the environment; recycling and reducing waste to landfill.

- Use of IPA on 10 colour presses
- % of FSC paper used as total of paper purchased
- Use of press ink
- Monitor monthly waste and paper, polythene and cardboard recycling
- Reduce the amount of waste to landfill (normalised for production outputs)
- Maintain the amount of compacted waste produced in 2016
- Maintain IPA usage below 3% average over year
- Use >80% FSC or recycled paper
- Reduce ink usage per impression by 1%
- Recycle 100% paper/polythene/cardboard waste
- 1% of waste to landfill
- 50% compacted waste



# PERFORMANCE DATA



## Key measurements

In order to measure our environmental performance, data is collected annually, quarterly and in some cases, monthly. Measurements are based on a combination of expenditure, consumption or emission data. Annual comparisons will be drawn from actual data.

Measurements	2015	2016
Number of impressions printed <sup>1</sup>	54,656,143	61,059,813
Number of plates purchased <sup>4</sup>	75,996	84,515
Kilowatt hours of electricity used <sup>3</sup>	2,265,121	2,121,355
Kilowatt hours of gas used <sup>3</sup>	470,785	712,667
Cubic metres of water used <sup>3</sup>	2,276	4,578
Tonnes of ink purchased <sup>4</sup>	34.40	50.06
Litres of IPA* purchased <sup>2</sup>	10,250	8,000
Litres of other solvents purchased <sup>2</sup>	27,890	26,390
Tonnes of packaging purchased <sup>5</sup>	39.98	36.96
Tonnes of waste recycled <sup>5</sup>	1,404.22	1,391.01
Bins of waste to landfill <sup>5</sup>	47	122
Complaints	0	0

\* Isopropyl alcohol

<sup>1</sup> Monthly data capture taken from presses (the figure for 2015 has been updated relative to the 2015 EMAS Statement, to include digital impressions calculated in line with the methodology used in the 2016 EMAS Statement)

<sup>2</sup> Measured quarterly using supplier data

<sup>3</sup> Measured monthly using meter readings

<sup>4</sup> Measured quarterly using purchase data (skewed year to year by purchase timings)

<sup>5</sup> Measured monthly using supplier data



# CORE INDICATORS

	2015	2016
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	Tonnes	Tonnes
Overall Annual Output	2,120.57	2,015.21

## Measurements

	Megawatts	Megawatts
<b>Energy efficiency</b> <sup>1</sup>	<b>2,735.91</b>	<b>2,834.02</b>
Ratio	1.29	1.41

	Tonnes	Tonnes
Emissions*	1,133.75	1,014.82
Ratio	0.53	0.50

	m <sup>3</sup>	m <sup>3</sup>
<b>Water</b>	<b>2,276.20</b>	<b>4,578.49</b>
Ratio	1.07	2.27

	Tonnes	Tonnes
<b>Material efficiency</b>	<b>3,484.69</b>	<b>3,372.94</b>
Ratio	1.64	1.67
<b>WASTE</b>		
<b>Recycled</b>		
Paper	1,251.50	1,259.92
Cardboard	66.57	46.59
Plastic	8.31	4.95
Plates	45.03	50.75
Ink	4.55	4.14
Wooden pallets	28.26	24.66
<b>Total</b>	<b>1,404.22</b>	<b>1,391.01</b>
Ratio	0.66	0.69
<b>Non-recycled</b>		
General waste	18.22	23.34
Ratio	0.01	0.01
<b>Hazardous</b>		
All hazardous waste	64.15	66.95
Ratio	0.03	0.03

Ratio equals input total core indicator divided by the total annual output

\* CO<sub>2</sub> from energy used and CO<sub>2</sub> equivalent of any F gas leakage, based on GWP (global warming potential) of that F gas. We do not emit any other greenhouse gases, SO<sub>2</sub>, NO<sub>x</sub> or Particulate Matter from our site.

<sup>1</sup> No renewable energy sourced directly.



# SUMMARY

**Impressions** – In 2016 Park's impression count increased by 12% compared to 2015. While a significant proportion of this increase is related to the success of the Indigo digital printing press, this also includes a 3% increase in litho impressions (1.7 million impressions) since 2015.

In assessing our environmental performance for 2016, we felt that it was important to include in our assessment the impact that the introduction of Indigo printing has had on the manufacturing make-up of the business. Since introducing this technology in 2015 there has been significant growth in this area within Park Communications, particularly during 2016.

In order to maintain a reasonable basis for comparison with the litho impressions which have always been an important benchmark against which we measure our environmental performance, we have converted our Indigo "clicks" data to the equivalent sheets printed. This has been achieved by dividing Indigo clicks by 4, as the Indigo is currently printing 4-colour the overwhelming majority of the time, and each click equates to a single colour printed on the Indigo.

**Energy** – Park Communications has delivered a 16% reduction in electricity consumption relative to impressions in 2016 compared with 2015, and a 7% reduction in overall energy consumption relative to impressions during the same period.

It must be noted that part of the improvement in our energy usage is related to the fact that following a major power outage, we were not receiving electricity via the grid, and therefore for that three week period there are no available records for our electricity usage. Based on the rest of the data for 2016, we would otherwise have anticipated that our electricity usage for 2016 in kWh would have been at approximately the same level as 2015, which would have translated into an overall energy reduction of 3% against impressions, still exceeding our objective for the year.

**Solvents** – As a direct result of our decision to replace our 2-colour and 8-colour perfecting presses with our new KBA Rapida 106 8-colour press, during 2016 we were able to significantly reduce our usage of the most environmentally impactful chemicals we use (those containing VOCs – volatile organic compounds). In particular we reduced our use of IPA, as the combination of the most up to date technology and the efforts of our Press Room Manager and team of minders enabled us to run the KBA completely alcohol free.



In terms of actual chemicals containing VOC's purchased, we were able to deliver a reduction of 3,750 litres (or 2.1 tonnes) during 2016, which represents a reduction of 9.8% against 2015.

The amount of chemistry purchased containing VOC's versus the amount we recycle puts us below any legal thresholds.

**Packaging** – Park Communications consumption of packaging during 2016 has reduced by 8% as an absolute figure (down 3 tonnes) and reduced by 17% relative to impressions. This represents efforts throughout the business to consider how each job needs to be packed earlier in the production process, and especially our focus of avoiding boxing jobs which are to be mailed from Park's in-house mailing facility. By bulk packing jobs on pallets wherever possible, significant savings have been made in our purchases of packaging, despite producing more impressions.

**Recycling** – 98.3% of our non-hazardous production waste is recycled.

The remaining 1.7% is sent for further waste segregation by our waste management company, so we now categorise this as "general waste". Half of the general waste is also compacted, reducing the environmental impact of transportation.

**Hazardous waste** – Hazardous waste increased by 4.4% in 2016 relative to 2015.

This is primarily driven by the increase in Indigo production, the waste products of which (Indigo ink cannisters and waste fuser imaging oil) are managed as hazardous waste through the supplier's take-back programme, which enables components to be reused or recovered to minimise the environmental impact of using this technology.

**Biodiversity** – Park is located in a purpose-built industrial area. The manufacturing processes undertaken at Park do not directly impact on the local environment or its biodiversity. Park takes its obligations as a responsible printer seriously, maintaining a rigorous ISO 14001 environmental management system which ensures we are compliant to all applicable environmental legislation.

Below  
Camley Street





# CERTIFICATIONS AND AWARDS

**Environmental awards and nominations** – Our environmental achievements and customer service have been recognised with the following awards and nominations:

- **Highly Commended** 2016 Print Week Awards – Environmental Printer of the Year
- **Winner** 2016 Print, Design & Marketing Awards – Environmental/recycled paper
- **Highly Commended** 2015 PrintWeek Awards – Environmental Printer of the Year
- **Winner** 2015 Print, Design & Marketing Awards – Environmental/recycled paper
- **Winner** 2014 PrintWeek Awards – Environmental Printer of the Year
- **Commended** 2013 PrintWeek Awards – Environmental Printer of the Year
- **Winner** 2012 PrintWeek Awards – Customer Service Team of the Year
- **Winner** 2012 PrintWeek Awards – Environmental Printer of the Year
- **Winner** 2012 BPIF Excellence Awards – Environment
- **Finalist** 2012 BPIF Excellence Awards – Customer Service
- **Winner** 2011 PrintWeek Awards – Customer Service Team of the Year
- **Winner** 2011 PrintWeek Awards – Environmental Printer of the Year
- **Winner** 2011 BPIF Excellence Awards – Customer Service
- **Finalist** 2011 BPIF Excellence Awards – Environment
- **Finalist** 2010 The London Business Award – Community
- **Finalist** 2010 The London Business Award – Customer Service
- **Highly Commended** 2010 DBC and ELCC Business Awards – CSR
- **Highly Commended** 2010 DBC and ELCC Business Awards – Customer Focus
- **Finalist** 2009 BPIF & PrintWeek Excellence Awards – Environment
- **Winner** 2009 DBC and ELCC Business Awards – Green Business

**Environmental partnerships** – Park works in partnership with Trees for Cities, a charity working with local communities on tree-planting projects. As part of our QMS, we conduct annual customer surveys and, as an incentive, we donate £7.50 for every completed survey. We gain valuable feedback and our customers help Trees for Cities in their campaign to counter pollution, provide wildlife habitats and beautify those parts of our city that are most in need of greenery.

**FSC® Chain-of-custody** – FSC® runs a global forest certification system that ensures timber produced in certified forests has been traced from the forest to the end user.

The FSC® certification claim can only be used by certified printers. By using FSC® labelled products, our customers can be assured of gaining public recognition for their environmental and CSR policies. As an FSC® printer, we can provide a very meaningful and visible way of demonstrating our customer's 'green' intentions, and by buying from certified sources, they are providing an incentive through market forces for good forestry practice.





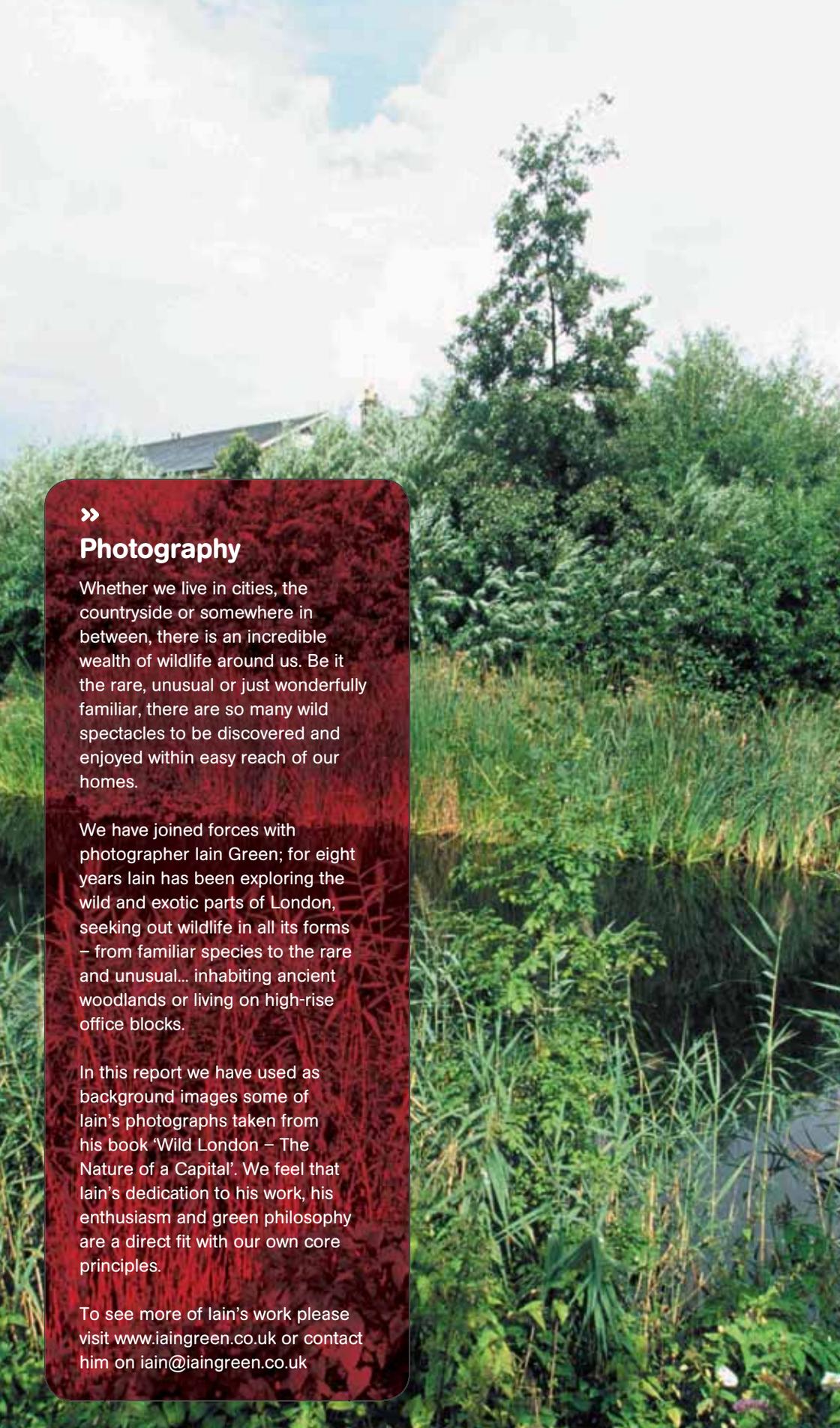
## Photography

Whether we live in cities, the countryside or somewhere in between, there is an incredible wealth of wildlife around us. Be it the rare, unusual or just wonderfully familiar, there are so many wild spectacles to be discovered and enjoyed within easy reach of our homes.

We have joined forces with photographer Iain Green; for eight years Iain has been exploring the wild and exotic parts of London, seeking out wildlife in all its forms – from familiar species to the rare and unusual... inhabiting ancient woodlands or living on high-rise office blocks.

In this report we have used as background images some of Iain's photographs taken from his book 'Wild London – The Nature of a Capital'. We feel that Iain's dedication to his work, his enthusiasm and green philosophy are a direct fit with our own core principles.

To see more of Iain's work please visit [www.iaingreen.co.uk](http://www.iaingreen.co.uk) or contact him on [iain@iaingreen.co.uk](mailto:iain@iaingreen.co.uk)







## Relation to parent organisation

Park Communications Limited is wholly owned by Park Group Holdings Limited.



## Verification details

This statement has been validated by Thomas Moss on behalf of BSI. BSI is accredited for EMAS verification with the registration reference UK-V-0002.

The validation was completed on 04/07/17.



**EMAS**

Validated  
Information  
REG.NO. UK 000163



The mark of  
responsible forestry



FS 92352

EMS 92799

IS 635697



## **For further information**

If you would like any further information, have any queries regarding this EMAS statement, or have any environmental concerns regarding Park's activities, please contact Jenny Reed on [j.reed@parkcom.co.uk](mailto:j.reed@parkcom.co.uk)



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