



## How did we get here?

# AYEARIN REVIEW

Our sustainability group first met in 2019. A diverse team from across our business, across geographical boundaries, gender, age and functional responsibilities came together to discuss how we could improve our impact on the environment. We had already done a lot ... but there were still big challenges ahead.

We were very motivated to make a difference and understand how could we improve further? The first thing we had to do was understand our Scope 1 & 2 emissions. What was our direct carbon impact? Then take steps to reduce the number with the ultimate aim of getting to zero.

resource, people, into taking small actions we're adding new chapters to our story.



that can build up to a big impact. Our stories are shared within the report.

We've made significant improvements. There are many challenges ahead to remove Culturally our team now think sustainability the need to offset, but we have managed first. It empowers our most powerful our impact on the environment and now 29%

The amount switching to renewable energy removed from our carbon footprint.

16.8M

The estimated number of trees we are responsible for being planted this century.



43%

of the Graham & Brown branded range is produced in our Digital Eco Factory. (17% of all our wallpaper is made this way)

International sustainability projects that we have invested in so far.





### On the right track ...

# OUR CARBON REDUCTION PLAN

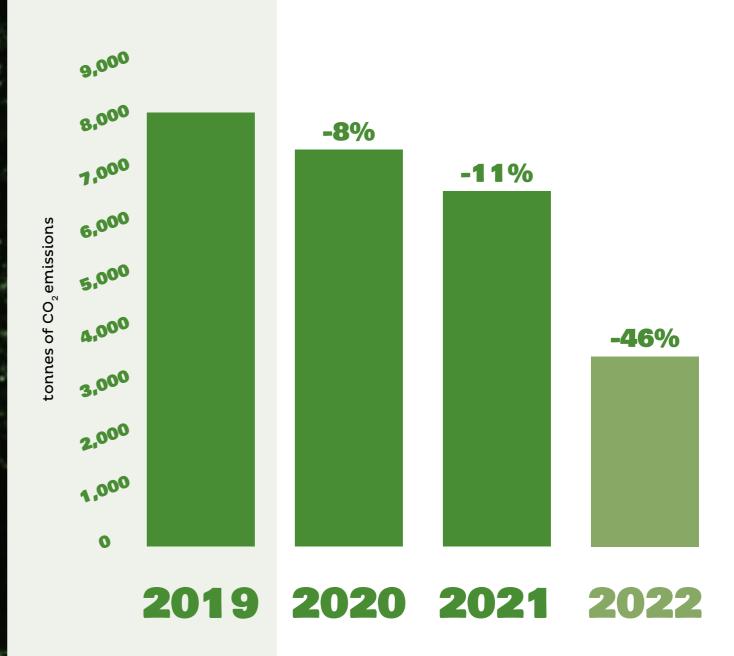
international businesses.

The benefit of moving to renewable energy, our digital factory and other initiatives are reflected in the reduction to a figure of 3,605 tCO, for the Group, plus 505 tCO, from outsourcing wallpaper, bringing the total for 2022 to 4,110 tCO<sub>2</sub>. A fantastic effort by eueryone.

At the time of our last report we forecasted We remain a large consumer of gas in the that our Greenhouse Gas (GHG) emissions drying and incineration processes within for 2022 would be 5,747 tonnes of CO<sub>2</sub> which our conventional factory. Green gas remains included any sourced wallpaper and our complicated and with a shortage in supply and infrastructure remains beyond our immediate access. We see offsetting to support key projects as better than doing

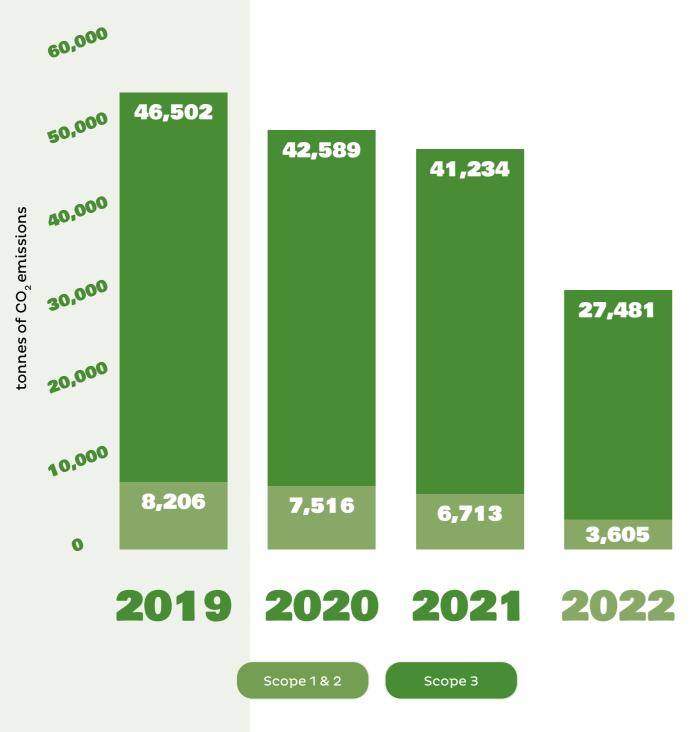
> Our team meets monthly to address and review progress and we are two years into a decade long plan.

### Scope 1 & 2 emission reduction



2019-20 data location based. 2021-22 data market based.

### Scopes 1, 2 & 3 emission reduction



2019-20 data location based. 2021-22 data market based. Scope 3 is estimated based on Scope 1 & 2

tonnes of CO, er	nissions
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福	2019	2020	2021	2022
UK	7,374	7,068	6,525	3,419
Netherlands	155	138	116	147
CML	-	7	53	28
US	16	12	12	3
France	19	3	4	7
GBTC	642	287	5	2
Total of Scope 1 & 2	8,206	7,516	6,713	3,605
Estimated Scope 3	46,502	42,589	41,234	27,481

The Graham & Brown group is made up of (Renewable Energy Guarantees of Origin)

In 2021, the overall emissions on a location basis decreased mainly as GBTC's operations With the general trend, the group is on track were consolidated into our UK factory site to meet a 78% reduction on Scope 1 & 2 (India Mill) from a separate location. While emissions by 2035 compared to a base year on a market basis there was a greater of 2019, but the business aspiration is to do decrease as the UK sites' electricity supply switched to contracts backed by the REGO

Graham & Brown UK, N. Europe, S. Europe, scheme. There were less travel restrictions North America and GB Technical Coatings. in light of the Covid-19 pandemic as The company is primarily UK based with vaccination was widespread and so there offices in France and office and distribution was an increase in road travel compared warehouses in the Netherlands and the USA. to 2020. Carbon intensity has decreased as utilities de-carbonise.

this sooner.

# SCOPE 3

### What is it and what can we do about it?

Scope 1 measures Greenhouse Gas (GHG) Of course, our Scope 3, is our supply chain's emissions that go directly into our business, our buildings, and our business travel. Scope 2 is indirect GHG associated with will in turn improve. the production of electricity, gas, steam or cooling.

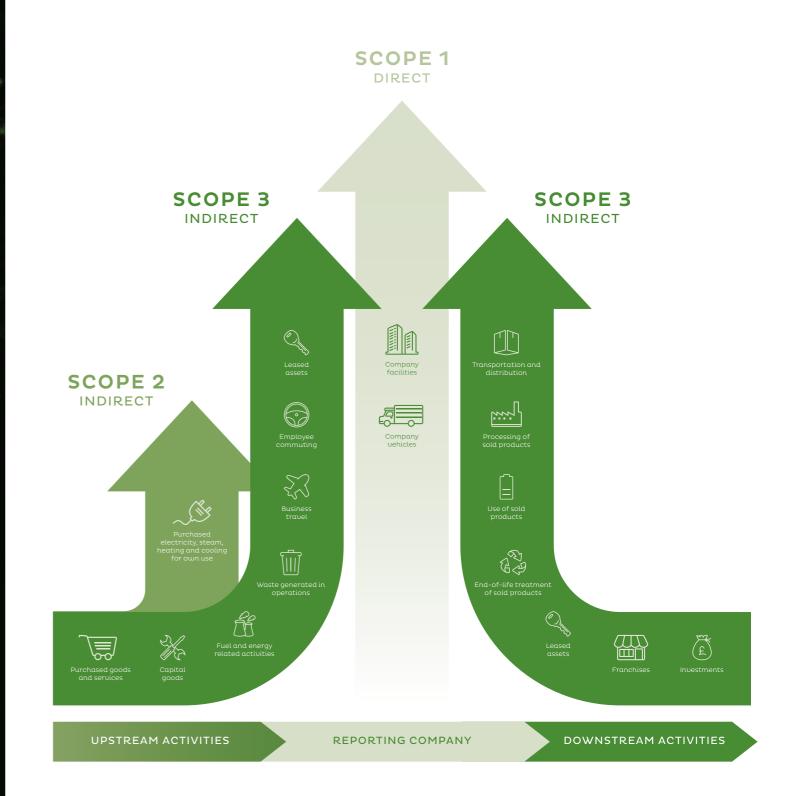
estimated our Scope 3 GHG.

times greater than our direct emissions in together to achieve this. Scope 1 & 2.

Scope 1 & 2 - so as our suppliers improve and take action on their Scope 1 & 2, our Scope 3

We have set about this by communicating with our network, sharing our learnings and We have measured and tackled Scope 1 & understanding what they in turn are doing 2 in our last report and this year we have within their organisations. This forms part of our sourcing criteria.

We estimate this to be 27,481 tonnes of CO<sub>2</sub> It's a big challenge but if we are to make for 2022, as with most businesses this is 6 a difference all businesses have to work



## Progress Tracker









Gather views on sustainability





Establish sustainability











Start measuring Scope 1 & 2





Measure carbon footprint using existing data











Understand key supplier position on reporting Scope 1 & 2







Establish ringfenced budget for net zero plans









Set and achieve waste reduction targets





Develop fossil fuel divestment



Scope 3

···



Supplier disclosure policy







Embed climate responsiblity in colleague development



Train colleagues on sustainability in day-to-day thinking











Implement offsetting partnerships













# OFFSETTING PROJECTS

### Why do we offset?

Our commitment to improving the planet for ourselves and our children is demonstrable by the action that we have taken already. However, the majority of our remaining carbon footprint is down to the usage of gas in our 'analogue' factory to dry our inks and turn emissions into clean air.

Hydrogen is something we are investigating, but the infrastructure to deliver a consistent supply to a production unit doesn't currently exist. It could be a five to ten year lead time until it is commercially available.

Biogas created using sustainable organic matter that are available now are in short supply and consequently also only available at a significant premium. We don't believe

doing nothing is an option, and we need to buy some time because progress isn't made overnight, which is why we choose to offset.

We don't see this as avoiding the problem, but rather mitigating our output now, while we actively investigate ways to reduce our carbon emissions and reduce our need to offset in the medium term. 2023 will see us contribute to a further project in addition to our projects from last year.

We have also taken the decision not to proceed with the Graham & Brown Woodland within the UK. We would not see any offsetting benefits until 2036 and we are committed to getting to net zero much sooner than that.

# **OFFSETS** Purchase of offset units balanced out

### **EMISSIONS**



Working with Forest Carbon, we are supporting conservation and sustainable forest creation projects that follow and are accredited by Verra standards.

They also meet many if not all of the UNs 17 Sustainable

Development Goals. These projects are certified under Verra VCS - the Verified Carbon Standard - and the credits are publicly listed on the Verra Registry to provide transparency. For more information about Forest Carbon, visit **forestcarbon.co.uk** 



### Rimba Raya Biodiversity reserve REDD+, Indonesia.

framework (see appendix).

Between 2001 and 2015 Indonesia lost 25.6M hectares of tree cover. Equivalent to losing 15 billion tonnes of carbon. With commercial pressures to fell forests, woodlands, and extract from peat swamps, conservation is an equally important part of protecting and enhancing the earth's existing carbon stocks.

The Rimba Raya project is based on the island of Borneo and preserves carbondense tropical peat swamp by halting the deforestation of roughly 47,000 hectares of forest (and the wildlife), much of which achieve maturity. was originally intended for conversion

We are backing a project in Borneo to palm oil. The project focuses both which follows the UN backed REDD+ on the community development of the 2,500 households living in the area and biodiversity conservation, particularly the protection of the 105,000 endangered Borneo Orangutan. The project actively engages the community in food, security, income, healthcare, and education all through the support of carbon finance.

> In addition to delivering on our emission reduction goals, the project is the first to have been validated by the SDVista to contribute to all 17 UN Sustainable Goals (UNSG).

We need international projects until the UK, and any potential European projects,















### Clean Water and Sanitation

By minimising the land use change the project is helping to prevent downstream flooding. Through local partnerships it is also training communities to manufacture and sell inexpensive water filtration devices, to provide clean drinking water.

### Industry, Innovation and Infrastructure

The project is building news and radio communication facilities and community centres for the project staff and the local community.

#### Life on Land

Indonesia has the largest number of threatened mammal species in the world and the fourth largest total threatened flora and fauna species types. With GPSlinked mobile phones, data is collected during field surveys for biodiversity monitoring.



aid decentralisation and the preserved biodiversity and soil quality.

### Life on Land

Although established on former grazing land there has not been displacement of grazing activity. Planting is planned and laid out to protect habitat connectivity.



# FOREST CARBON

### Forestal el Arriero, Sustainable Forestry, Uruguay.

and whilst 100% of timber used in our paper is from sustainable sources, supporting projects further afield that manage forests sustainably are vital to protecting the worlds oldest forests.

Graham & Brown are supporting this project to convert land in the East of Uruguay that was previously under extensive grazing by beef cattle to high quality and high value timber production. Expected to be for long-lived products

Amazingly only 33% of the world's and so ensuring continued carbon timber comes from sustainable sources storage, trees are replanted after felling providing continuous rotation of carbon capture.

> This project contributes to 13 of the 17 UN Sustainable Goals (UNSG).

> We need international projects until UK and any potential European projects achieve maturity.





### Methane Recovery, Princepeel Wilbertoord, Netherlands.

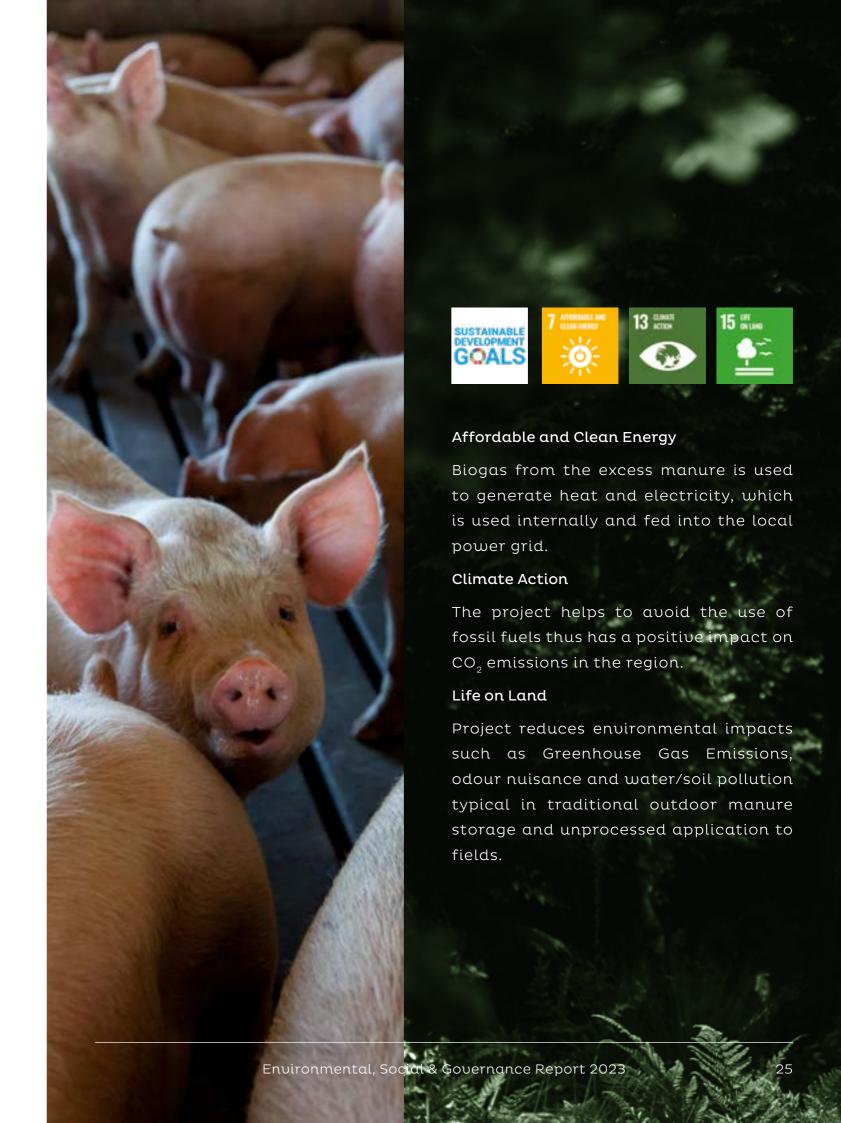
home to the majority of swine farms in replacing fossil fuels. Holland.

soil. The over supply of manure means into the local power grid. it must be transported to regions with soils still having a demand for fertilisers.

Agricultural operations have been The main objective of the project activity shaping the landscape and the way of is the technical production of biogas life in the Dutch Provinces of Limburg from pig manure, which would otherwise and North Brabant for several hundred release uncontrolled methane emissions years, a predominantly rural region into the atmosphere during storage, known for pig farming. These areas are as well as mitigate GHG emissions by

The biogas is used to generate kinetic This concentration of livestock has energy that replaces diesel oil to already led to a situation in which the power irrigation pumps with internal complete manure cannot be disposed of combustion engines, which will be on fields in the region any more due to the modified to run on biogas. Additionally, reached nitrogen absorption limit of the renewable energy is produced to be fed





# SOCIAL RESPONSIBILITY Looking out for others

Clearly the biggest issues facing us are global - but Graham & Brown has always acted an environmental point of view - we won in France our first environmental award in 1974 for clean waterways - but also in regard to the wellbeing of our colleagues, and the wider communities at our bases in Blackburn, UK, Middenmeer, Holland, Lille, France and New Jersey, USA.

### In 2021, we raised over £1 13K through charitable activity

In 2021, we set out in our last report our ambition to raise £75,000 for 75 years in business. We are delighted to say we smashed this figure and our colleagues, friends and family raised an incredible Wallpaper! £113,375.42. This was achieved from all

manner of events and activities from head shaving, to daredevil rope walks, sky dives, locally in the community too, not just from Zoomba and even brewing of a charity beer

> Buoyed by the success of this, and the sense of fun and togetherness it inspired within Team G&B, the charity committee instead of disbanding decided to "go-again". More great initiatives have taken place, including a walk across all the bowling clubs in the North West of the UK. We even teamed up with CoppaFeel! breast cancer awareness charity in International Wallpaper Week to raise awareness and funds for a great cause. Even Doris, our 1960s Morris Minor took a rest from her Design of the Year livery to don the limited edition CoppaFeel! Charity





### Our 2022 events raised a whopping

# £62,000

One of the beneficiaries of this is Today the youth zone supports over Blackburn Youth Zone. As head of a long 1,000 young people a week and offers standing and respected Blackburn based a range of after school activities for business, Andrew Graham MBE had been conscious for some time that he was boxing to art and dance. The youth in a special place to support the local community, many of whom suffered deprivation and social challenges. Businessman Bill Holroyd had launched a youth charity and persuaded Andrew to visit the Bolton branch to see the work that was going on.

"The visit had a massive impact on me," says Andrew, who subsequently agreed to be the founding Chairman of the Blackburn Youth Zone. He worked tirelessly to get enough local business support to create an outstanding youth centre offering the best facilities. "This project is here for the long term."

young people aged 5-19 years old, from zone delivers its services directly from facilities in Blackburn and now Darwen, extending its community reach across East Lancashire. It has also set up the first youth hub in the UK to help teenagers get into the job market with incredible success. This helps support the confidence, development and aspirations of all young people across our community.

Our 2022 charity events raised an amazing £62,000! We look forward to continuing our fundraising in 2023.

# STRONG VALUES, HIGH STANDARDS Our commitments

### Inclusion & Diversity

At Graham & Brown our strength is our people and we are committed to building a culture of collaboration, diversity and inclusivity, knowing this will bring fulfilment, enjoyment and ultimately success for each of our colleagues and the organisation as a collective. We endeavour to attract, recruit, and promote a diverse group of skilled and talented colleagues, that is representative of our local community.

Our approach is set out within our Equal Opportunities Policy shared with all

At Graham & Brown our strength is our colleagues. The Exec Team is split 75% male people and we are committed to building to 25% female. The wider leadership team a culture of collaboration, diversity and is split 60% male to 40% female. No ethnic inclusivity, knowing this will bring fulfilment, minority groups are currently represented enjoyment and ultimately success for each within the leadership team.

We recognise under-representations in senior roles, however this takes time to change due to a low turnover of colleagues at this level. We operate a robust pay and grading system that ensures equal pay for equal work.

### Health & Wellbeing

The health and wellbeing of colleagues is of the upmost importance. All colleagues have access to our occupational health doctor, occupational health nurse and counselling practitioner. All three have worked alongside us for many years and have a fantastic understanding of the support our colleagues require.

Colleagues have the opportunity to receive training as first aiders or mental health first aiders to support one another, with the role of menopause coaches being introduced in 2023.

Regular health and wellbeing initiatives are held offering support and educational opportunities, with possibilities to link to charity or social engagement, as outlined in the Social Responsibility section of this report.

We're also not afraid of trying something different, such as our Woof Wednesday



initiative, which tapped into the health and wellbeing benefits of furry friends visiting the office. Likewise, the 'Blue Space' monthly group sessions allow colleagues to build trust and share challenges, lightening the burden and supporting mental health and wellbeing.

All colleagues also have access to our cycle to work scheme, which supports the discounted purchase of bicycles.

### **Board Management**

Graham&Browniscommittedtocreating an open and transparent leadership structure built on our collaborative culture.

Everyone's voice counts and all colleagues receive a monthly update on financial performance and progress against our business plan and budget at our Monthly Huddle, which is cascaded throughout the organisation. So that all colleagues feel empowered to support our vision.

Our directors meet monthly for a Board Meeting, at which we review our Health & Safety report and Financial performance along with an update on key projects to support our company vision and purpose.

Our purpose is to help customers create loving homes.

The directors meet weekly at an Exec Huddle to update each other on key actions and create an open culture, other members of the leadership team join this meeting to update and input on key



projects and the full leadership team of directors, heads of and country leaders meet monthly for updates and twice yearly for a global leadership retreat to shape our vision for the future.

Wherever possible we look to build a succession plan with home grown talent and have people development training programs to support this. Of our current leadership team of 12 colleagues, over half are home grown. Where internal succession is not possible we go to market to recruit the best leadership talent with an emphasis on attitude and culture, supported by technical capabilities.

### Responsible Investment

Our long term strategy is to generate profit and cash flow to fund future investment. We have an excellent, open and long term relationship with our bank and share monthly management accounts, yearly budgets and our long term vision.

The shareholders are all family members of the Graham family and have been connected with the business for over 50 years and encourage long term investment and vision. This has enabled us to grow from humble beginnings, 76 years ago to a leading player in our industry.

The company is supported with a strong balance sheet and owns significant property assets in the UK within the group.

### Financial Crime & Corruption

Graham&Brownis committed to ensuring that we have robust systems, processes and controls in place to minimise the risk of fraud and financial irregularity. Changes to systems and processes are well documented and thoroughly tested prior to launch. Where possible multiple levels of authorisation are adopted.

In the rare event of gifts being made to colleagues, we collect centrally and re-distribute for charity. All hospitality offers must be reviewed and authorised by the Human Resources team.

### Sourcing

We are committed to responsible and sustainable sourcing. Where relevant we request the use of sustainably sourced products with our suppliers, and many of our key suppliers hold the relevant certifications (PEFC, etc).

Our investment in digital printing technology powered by renewable energy shows our commitment to more continue to investigate ways to build on power.

We are committed to not investing, Furthermore, all of our suppliers have with questionable ethical practices. sourced materials. All of our suppliers from China are SEDEX (Supplier Ethical Data Exchange) approved. We operate a policy of due diligence, risk assessment, and measuring effectiveness in the eradication of modern slavery and human trafficking.



direct forms of sustainable sourcing. We In addition to our own auditing procedures, we regularly undergo a this and are currently looking into solar 2-Pillar Sedex Members Ethical Trade Audit (SMETA) within our own business.

directly or indirectly, with companies confirmed they don't use Russian

### Cybersecurity & Data Protection

Cybersecurity risk remains one of the biggest challenges faced by business as the world transitions digitally. Graham & Brown continue to develop and learn through third party experts and also invests heavily to ensure we utilise the optimal tools and techniques available to us.

Our objective is to avoid an attack but have a business continuity plan in place to protect the business in the event of an issue. This has been tested and proven.

We are continuing to train IT colleagues in this extensive area and regularly enjoy peer group learning to expand knowledge. We comply with legislation and in the event of an issue would report to the ICO in line with current timescales and processes.



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# Sustainable Paper Over 16.8M trees planted this century

Our paper literally grows on trees. We have been using sustainable paper for nearly three decades. We use around 6,000 tonnes of paper each year. That is a lot of trees, but all our paper pulp comes from sustainably managed forests.

It takes an average of 24 trees to make a tonne of paper, and from that we can make 1,300 rolls of wallpaper. We've made over 300 million rolls of wallpaper this century. Which means we've used 5.6 million trees in production since 2000. For every tree we use three more are planted, which means we have planted 16.8m this century.

### **Forklift Batteries**

Forklift truck emissions slashed by **21%** 

We have begun the journey to move all our forklift trucks from Lead-Acid to Lithium-Ion battery powered trucks. This reduces the carbon emissions of the trucks by 21%. So far we have transitioned 22 of our 35 forklift trucks and expect it to take a further two years to update our full fleet.

# Transport by Road 2 TONNES of CO<sub>2</sub> saved by our logistics partners

The overwhelming majority of our retailer goods are shipped by road from our main warehouse, accounting for around 95% of our dispatch. We work with logistic partners who have carbon reduction at the heart of their plans.

DPD delivered 7,385 of our orders with all-electric vehicles in 2021, saving 2 tonnes of  ${\rm CO_2}$ . We expect that figure to significantly increase when their data for 2022 is received.

DPD have plans to deliver by all-electric vehicles to 30 towns and cities in the UK by the end of 2023, and now have 1,500 all-electric delivery vehicles. These will eventually have an impact on our Scope 3 emissions.

### International Trade

**27%** of our airfreight shipments are Carbon Neutral

International trade accounts for around 50% of our total business, yet despite this only 3% of product produced by Graham & Brown is distributed via airfreight. This is an area we continue to monitor and improve.

In our direct to consumer logistics (we deliver worldwide) market segment air transportation is 3.5% of the mix, with 27% of those deliveries going via DHL Express GoGreen Carbon Neutral Shipping. Our aim is to improve on that in 2023.

<sup></sup> <sup></sup>



# Boxing Clever 30% sustainably sourced. 100% good

100% of our cardboard packaging is made from recycled or managed sources. Each carton is made from a minimum 70% recycled card and 30% sustainably sourced pulp – so it is 100% Good.

# Recycled Bags 100% recyclable bags to protect from spillage

Since our last report we have introduced recycled bags for use when dispatching our paint. These bags can also go in the plastic recycling. Our paint goes into cardboard outer but we feel it best to put it in a bag in case of any spillages in transit to ensure our paint ends up where it belongs – on ceilings, walls, doors, and woodwork.



### **Pallets** 100% of pallets recycled through supply chain PIERI 100% of all pallets are recycled within the G&B supply chain or collected for recycling if damaged. Furthermore, we've now got 80% of our pallets through our UK main warehouse using IPP - a pallet pooling system. The pallets themselves are made from sustainable wood sources (FSC, PEFC certified). The pallets are maintained for a ten-year lifespan - where once depreciated they will return as biomass to nature closing the circular loop. Pallet Wrap 11% reduction in pallet wrap consumption In 2022 we reduced our pallet wrap consumption by 11%, with a mission to reduce it further in 2022. To achieve this we simply reduced the film width and thus the overlap of the wrap. A simple idea well executed. 100% of all cardboard and pallet shrink wrap is made from recycled materials.

# Eco Poly-wrap We continue to seek a sustainable solution We are still investigating ways to improve the shrink wrap on our wallpaper. In 2005 we launched our first ECO wallpaper, it was printed with water-based inks on sustainable paper and featured a corn starch wrap that would biodegrade as compost. Unfortunately, it tended to biodegrade on the shelf. Our search for a solution continues. 47



# Compressing Our Waste

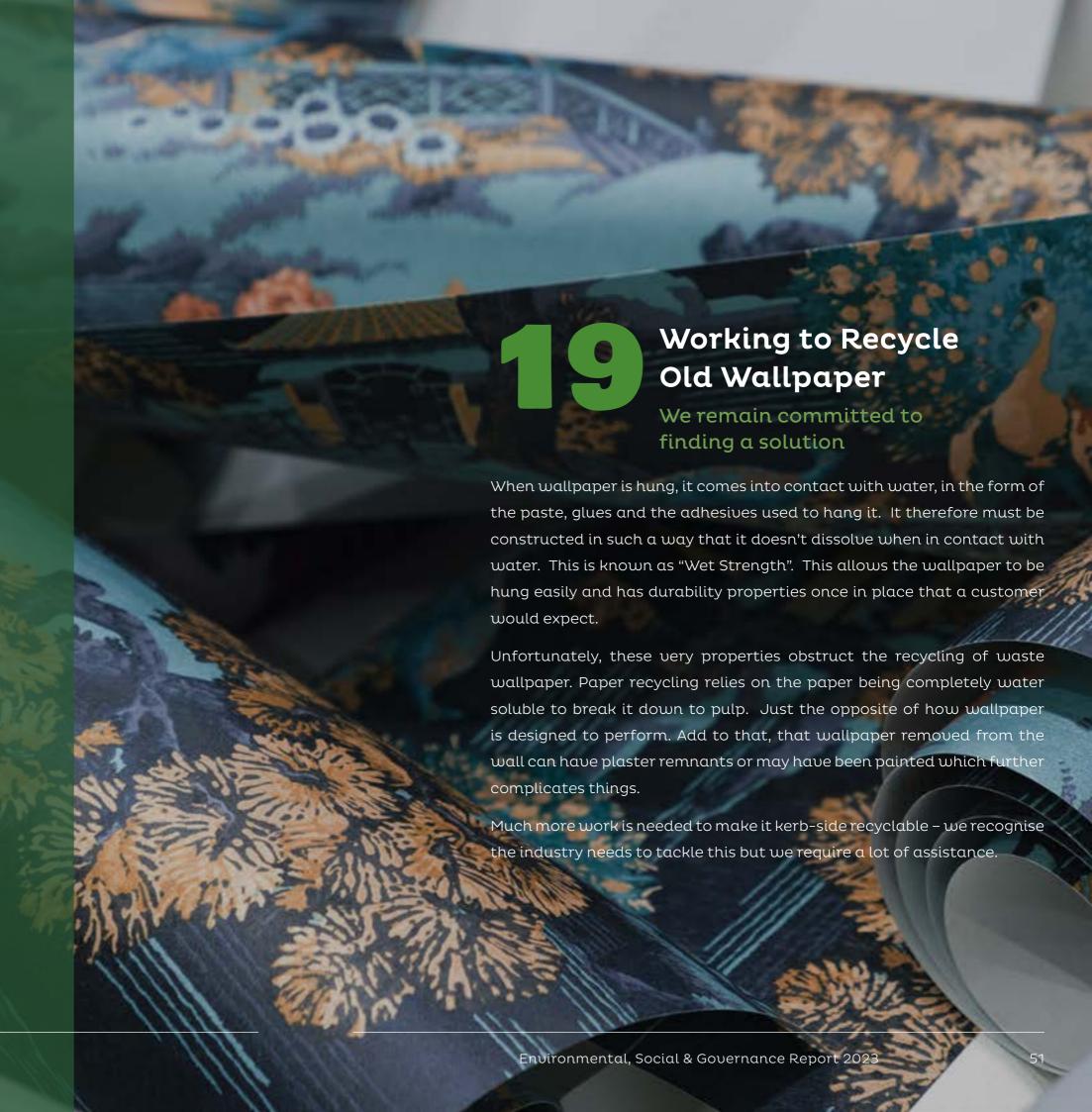
We have invested in a machine that will reduce our plastic and cardboard waste by compressing it into bales. This reduces the waste collection frequency, and less miles driven by trucks from our waste collecting company.

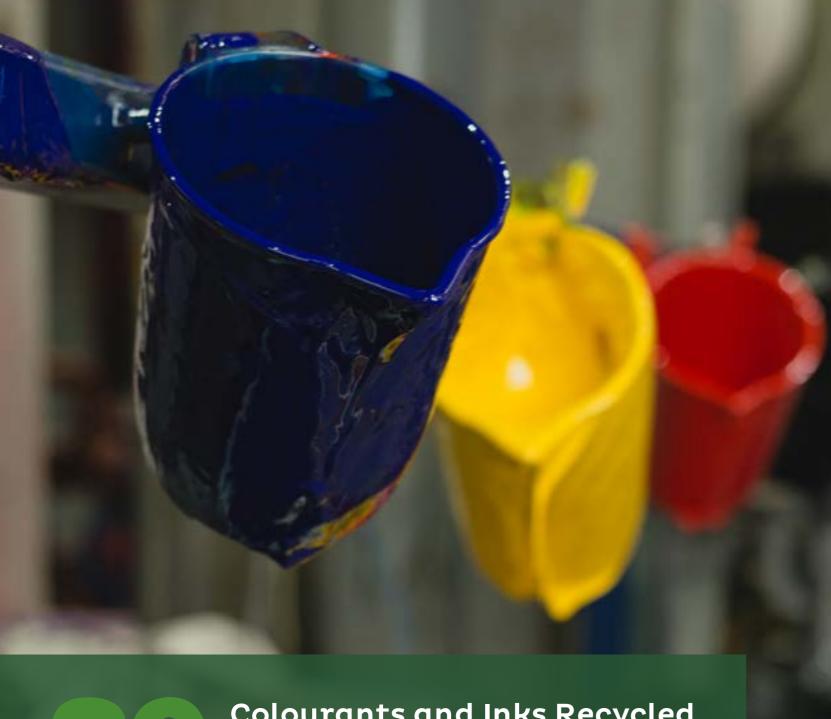
### Shredded Wallpaper

We try to print as much perfect product as possible but there is waste involved in the set up process. Rather than sending this waste to landfill the paper is sent to a partner who shreds it to be used in as padding in brown paper bags and other packing materials.

# Recycled PVC Traffic Cones

PVC is important to creating the durable textured product within our group product offer. Our waste plastisol is recycled and turned into traffic cones which help create safer roads and working environments.





### Colourants and Inks Recycled

Inks recycled for **ZERO** waste and less energy used in the drying process

In our conventional production, there is a need to produce large tubs of ink in order to print thousands of rolls of wallpaper. Whilst our colour dispensers are extremely accurate, any inks left over at the end of the process are now able to be recycled and used again meaning zero waste. Our new digital factory uses "toners" and adds water which means less energy is used in the drying process.

### Just the Right Amount Ultrasound technology m

Paper coming into the mill often needs to be coated to improve the performance of the surface for print and product durability. The layer of the coating is measured in microns (thousandths of a millimetre). This was previously done with lasers, which had a radioactive element.

Graham & Brown have invested in ultrasound measuring technology

that is even more accurate, reduces waste, and is safer to work with.

coatings safer and less 1

### **Green Science**

Environment first

Our Research & Development teams are constantly looking at the make-up of our products to find the best materials to use, whilst our engineering team are constantly looking for efficiencies and the application of new technologies. This takes time.

Some technology that will help us isn't ready to introduce to manufacturing right now, some solutions are not currently commercially viable, and many other things that could help are merely conceptual ideas at this time that we are investigating.



### **APPENDIX**

### **Definitions**

#### Net Zero

The exact definition of net zero is still being debated, but is more challenging than carbon neutrality. Generally, it is accepted that to claim Net Zero you must work towards an approved framework i.e. Paris Agreement. You must consider the whole Value chain emissions (Scope 1, 2 & 3) Scope 1 emissions are direct greenhouse (GHG) emissions that occur from sources that are controlled or owned by an organisation (e.g., emissions associated with fuel combustion in boilers, furnaces, vehicles).

Scope 2 emissions are indirect GHG emissions associated with the purchase of electricity, steam, heat, or cooling.

Although scope 2 emissions physically occur at the facility where they are generated, they are accounted for in an organisation's GHG inventory because they are a result of the organisation's energy use.

Scope 3 emissions are the result of activities from assets not owned or controlled by the reporting organisation, but that the organisation indirectly impacts in its value chain.

Scope 3 emissions include all sources not within an organisation's scope 1 and 2 boundary. The scope 3 emissions for one organisation are the scope 1 and 2 emissions of another organisation.

#### Greenhouse Gases (GHG)

These include Carbon Dioxide  $(CO_2)$ , Methane  $(CH_4)$ , Nitrous Oxide  $(N_2O)$ , Hydrofluorocarbons (HFCs), Perfluorocarbons (PFCs) and Sulphur Hexafluoride  $(SF_6)$ .

### Carbon Dioxide (CO<sub>2</sub>)

56

Carbon is short hand for measuring Green house gases (GHG) and is used as Carbon Dioxide is the main contributor to GHG.

#### Zero Carbon

The dictionary definition of zero carbon is "causing or resulting in no release of carbon dioxide into the atmosphere".

#### Carbon Neutral

The term 'carbon neutral' is widely used to describe where emissions from a company, product or service are matched with carbon reductions or removals elsewhere, usually via the purchase of carbon credits ('carbon offsetting').

#### VOC

Volatile Organic Compound

One of a number of chemicals, including benzene and acetone, that evaporate or vaporise readily and can be harmful to human health and the environment.

#### **PVC**

Polyuinyl Chloride

PVC is oil derived, which is of course a fossil fuel with large amount of energy used in its extraction.

### Phthalate Free

pronounced *Thigh-late* 

Phthalates are used in vinyl wallcoverings. When consumed Phthalates have been found to be carcinogenic and have been used in the production of lipstick and plastic bottles. All phthalates were removed from all of our products in 2019.

#### SECR

Streamline Energy and Carbon Reporting

UK Government legislation requiring businesses with a turnover of £30m or employing 250 people to report on their carbon footprint.

#### REDD+

Reducing Emissions from Deforestation and Forest Degradation

REDD+ is a united Nations-backed framework that aims to curb climate change by stopping the destruction of forests. The '+' signifies the role of conservation, sustainable management of forests and enhancement of forest carbon stocks.

#### REGO

Renewable Energy Guarantees of Origin

The Renewable Energy Guarantees of Origin (REGO) scheme provides transparency to consumers about the proportion of electricity that suppliers source from renewable generation.

### FSC<sup>®</sup>

The Forest Stewardship Council®

The Forest Stewardship Council® is an international nongovernmental organisation that promotes environmentally appropriate, socially beneficial, and economically viable management of the world's forests. To learn more, visit www.fsc.org

#### SEDE

Supplier Ethical Data Exchange

Sedex is a not-for-profit organisation that aims to improve ethical and responsible business practices in global supply chains. The online system allows suppliers to maintain data on ethical & responsible practices and allows them to share data with their customers.

### Legally our manufacturing is a low risk to the environment.

We comply fully the UK's "Pollution Protections and Control Act 1999" and "Environment Permitting Regulations of 2016" and as such are recognised as a low-risk impact on the environment.

We are actually 25% under the threshold target\* (\*Target is to have a score below 40, we score at 30).

#### What is renewable energy?

Renewable energy is made from resources that nature will replace, like wind, water, and sunshine.

Renewable energy is also called "clean energy" or "green power" because it does not pollute the air or the water. It does NOT include electricity from nuclear sources.

### We use less than

0.0024%

### of the world's PVC\*

We are currently looking for bio-sourced ethylene as an alternative to oil. This will reduce crude oil dependency by 47% in the manufacture of our plastisols.

#### Is PVC good or bad?\*

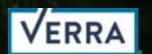
We use plastisol's (PVC – Poly vinyl chloride) in our Superfresco and Boutique Heavyweight vinyl products. It is the best material for producing hard wearing, textured, paintable and durable wallcoverings.

Products our customers love for these very reasons. It also uses a lot less energy than other alternative materials. Our R&D team continues to develop innovations in this area. We removed Phthalates from our wallcoverings in 2019.

\*Based on a estimated world PVC usage in 2022 of 55,715,000 tonnes. (Source:Statista 2021)

### Carbon Credit Management

	Project	Credits (tco <sub>2</sub> )	Credits (tco <sub>2</sub> )	Balance
2021	Project Purchases	6,000		6,000
			1	
2022	Sourced Wallpaper GHG		112	
	G&B Group GHG		3,605	
	G&B Europe Sourced Wallpaper GHG		383	
			4,110	1,890
			19	
2023	Purchase of Credits for 2023	2,220		4,110



Graham & Brown account code with Verra is **3587** 

GRAHAM & BROWN





































### UNSG Development

UN Sustainable Goals

These are the 17 sustainable development goals to transform our world.

sdgs.un.org







Graham & Brown account code with Verra is 3587

verra.org



Graham & Brown are working with Forest Carbon for advice and sourcing of international carbon offsetting projects.

woodlandcarboncode.org forestcarbon.co.uk



Graham & Brown are working with BusinessWise Solutions to measure and understand our energy usage to create total energy management solutions.

businesswisesolutions.co.uk



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