

Environmental and Sustainability Report

Hardscape has been on an incredible journey over the last 30 years to become a responsible and sustainable supplier of natural and manufactured paving materials. Our commitment to our customers and the planet has changed the way we operate, as we have adapted to the changing face of our industry as it meets the challenges and opportunities associated with sustainability, environmental responsibility, and climate change.



Environmental and Sustainability Report



Foreword

Since 2019, we have significantly increased our focus on the environment, where we are now a leading voice within the industry for sustainability and environmental awareness. Our core principles align with the UN Sustainability goals, with the primary belief that we should leave the planet in a better condition than we found it.

We have made a clear commitment within our Carbon Reduction Strategy to be a Net Zero Company by 2038. We aim to do this by reducing our emissions by at least 75% against our 2019 baseline measurements and funding our own sustainability projects to offset the remaining emissions, rather than just through the purchase of carbon credits.

Our employees, suppliers, customers, or partners are all encouraged to support our actions, even if they do not fully share our beliefs. Whether people are focused on cost over the environment, struggle to break from convention, or who are climate change deniers does not alter our commitment to educate, support, and make the right choices to create the best spaces for people to enjoy, whilst minimising the impact on the planet.

Stephen Duce
Operations Manager





Environmental Policy Statement

Hardscape (EOT) Ltd, incorporating Hardscape Products Ltd & IP Surfaces Ltd (furthermore known as Hardscape) offer a specialist service for the selection, specification, and supply of innovative, diverse, and high-quality hard landscaping products utilising high performance, cost effective, and ethically sourced materials. The type of materials offered include paving, setts, cladding, artwork, and street furniture using natural stone such as Granite, Sandstone, Limestone, Porphyry, Slate, or manufactured concrete and clay products.

Hardscape operates from offices throughout the UK and has an extensive portfolio of prestigious hard landscaping schemes encompassing urban, civic & public realm, commercial, and private projects.

IP Surfaces is a manufacturing facility, capable of cutting, shaping, finish texturization, and enhancement of multi-material hard surfaces utilising the latest hi-tec cutting and laser technology, mechanical processes and artisan, handcrafted techniques.

Hardscape is fully committed to being a sustainable business and this commitment forms a fundamental part of our wider Corporate Social Responsibility strategy. We are committed to preventing pollution, promoting sustainable resource use, reducing harmful emissions, and to comply with all relevant UK environmental legislation, local regulations, and any other environmental responsibilities.

We will regularly evaluate the environmental impact of our activities, products, and services, and we will act to continually improve our environmental performance by maintaining an Integrated Management System that meets the requirements of ISO 14001:2015, whilst supporting PAS 2080 and other relevant environmental compliance codes.

It is our policy to:

- Understand, record, and minimise the use of water, fossil fuels, and natural resources, and where we must use these, we will do so responsibly.
- Minimise waste through a hierarchy of prevention, re-use, recycling, or energy recovery processes. If we must dispose of waste, we will do so responsibly, safely, and legally.

- Avoid the use or disposal of environmentally hazardous materials, where practicable, and continually look to source more sustainable alternative products or processes.
- Use only environmentally responsible suppliers, monitor their certifications or sustainable activities, and support those suppliers who require guidance, knowledge, and encouragement.
- Prevent local, national, or global environmental damage and minimise nuisance factors such as excessive noise, water contamination, or air pollution.
- Reduce Greenhouse Gas (GHG) emissions, or those emissions which have a negative effect on climate, biodiversity, or human health.

Hardscape use a risk assessment model to evaluate our impacts based on likelihood of occurrence and severity of harm on a 5 x 5 risk matrix. This helps us focus on those activities which pose the most significant risks first. We will review, define, and publish environmental objectives, targets, and improvement actions to our significant environmental aspects. Following any developments, we will assess the risk and effectiveness of the updated control measures to ensure the action has achieved the desired outcomes.

We are committed to providing relevant environmental training and promoting environmental awareness to employees, suppliers, customers, and external providers. We will implement processes to prevent environmental nonconformities and to ensure that we are prepared to deal with potential environmental emergencies quickly, effectively, and responsibly.

The Managing Director is responsible and accountable for reviewing, endorsing, and ultimately achieving the policies aims. This policy will be regularly reviewed then updated by Directors and Senior Managers, to take account of organisational priorities and changes, environmental legislation, and industry best practice. Managers then have the responsibility to administer this policy, enforce policies and procedures, and ensure appropriate training and awareness is carried out across the business and throughout our supply chains.

Alex Warren
Managing Director
Dated: 16th May 2024



Carbon Reduction Strategy

Background

To achieve our ambition to become net zero by 2038 and to support the UK's Net Zero Carbon ambition for 2050, we have set ourselves challenging reduction targets to hit at various milestones.

We started fully recording emissions in 2019 which we have set as our baseline year. Due to the impact of the Covid-19 pandemic, 2019-2021 did not represent the most appropriate data values, as there was significant reduction in travel, increase in home working, and significant decrease in business activities. 2019 was agreed as the most suitable baseline for all future comparisons, as much of our business activities remained.

We have agreed on the following targets as a key business priority to tackling climate change:

1. Reduce Scope 1 and 2 carbon emissions to 50% by 2025.
2. Reduce Scope 1 and 2 carbon emissions to Net Zero by 2030.
3. Reduce total corporate carbon emissions to Net Zero by 2038.

Our targets are ambitious but achievable with the collective determination and support of the whole business and supply chain. We will use existing and new technologies to achieve our goals, as well as closely controlling how we manage our existing operations.

Measures already implemented have had a significant impact on reducing our emissions including:

- Closing 2 offices due to reduced business need and increased hybrid working availability.
- Switching our electricity supply in our factory and 3 of our offices to use only sources that guarantee 100% renewable energy.
- Reduced office opening days from 5 to 3 days, so staff work from home for 2 days each week.
- Replaced our primary use diesel Forklift truck for a Lithium-Ion electric Forklift truck.
- Company fleet car renewals policy change, moving to Hybrid or Electric vehicles only.
- Created a Carbon Calculator that can show the lowest Embodied Carbon materials easily, which can be used during the specification process to advise on lowest CO2e value of appropriate materials.

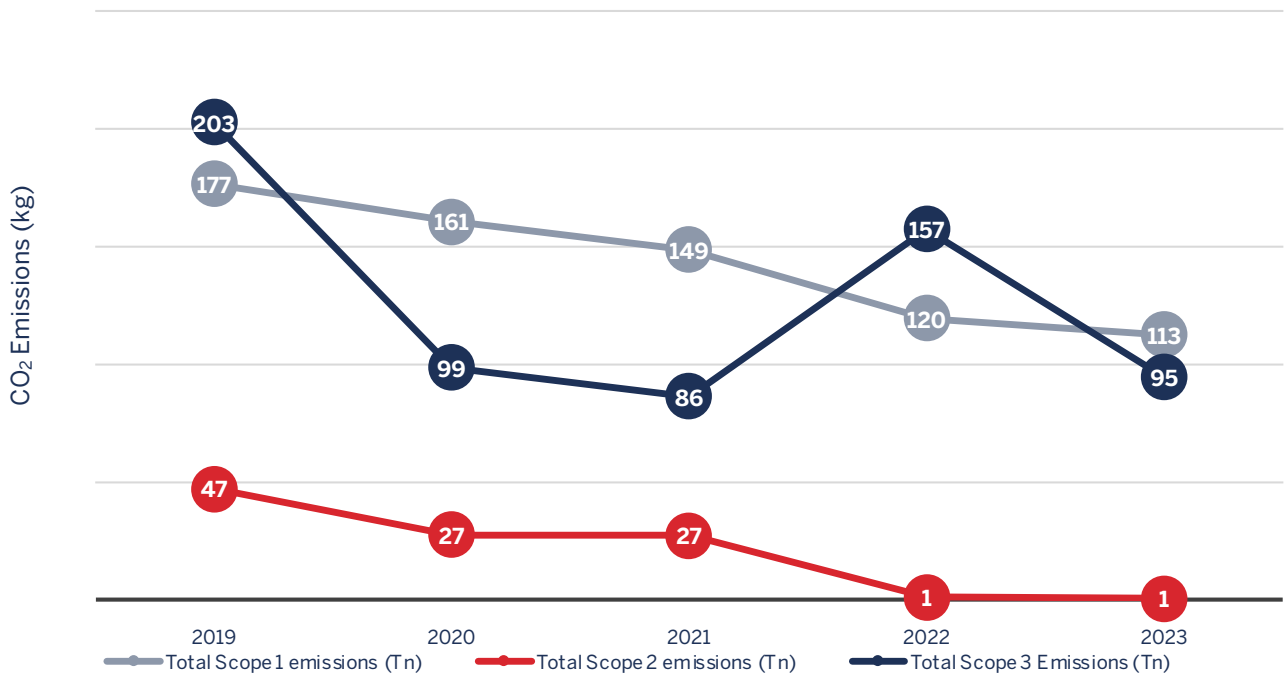
Total Scope 1, 2, & 3 Emissions Reduction Vs Baseline Year

Financial Year	April 19-March 20	April 20-March 21	April 21-March 22	April 22-March 23	April 23-March 24
% reduction	Start point	67% ↓	61% ↓	67% ↑	49% ↓

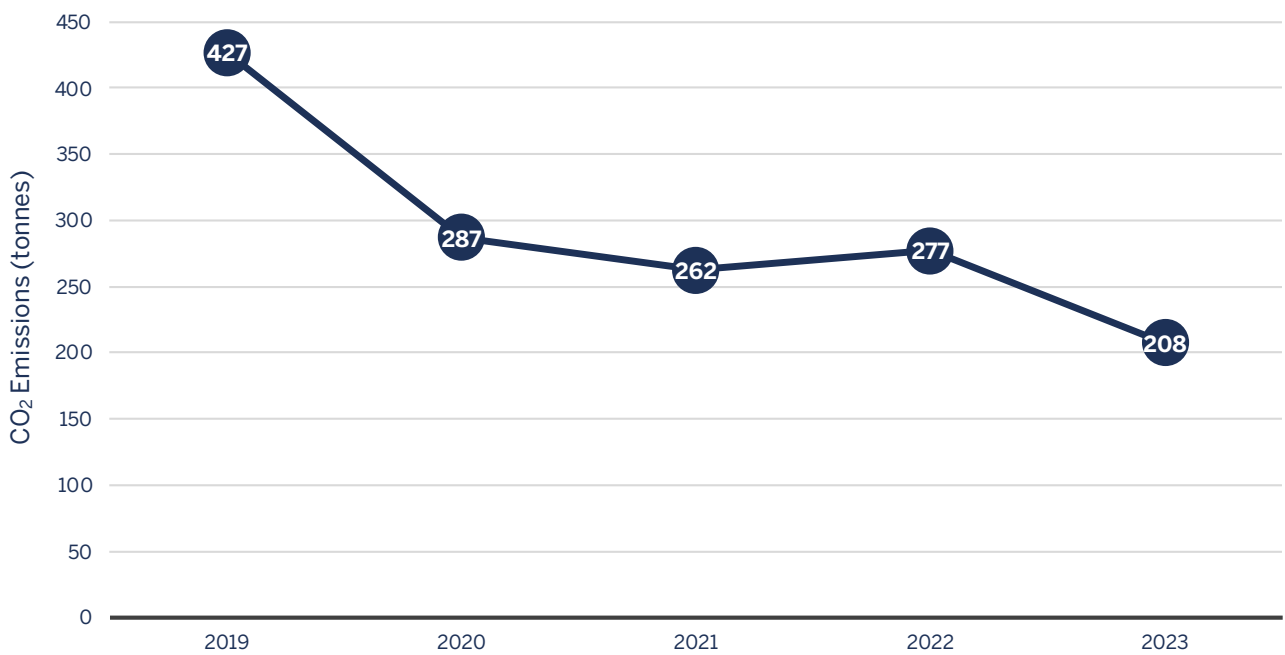


Progress

Carbon Emissions in Tonnes by Scope



Total Scope 1, 2, & 3 Net CO2 Emissions (Tonnes)





Environmental aspects and impacts development plan

Scope Category	Emissions Risk & Current Status Vs Target	Baseline emissions 2019 (CO2e)	Current emissions (CO2e)	Current Operational Controls (Current Actions or controls to prevent or minimise the impact)	Likelihood	Consequence	Risk factor L x C	Improvement Plan (Planned actions to further reduce the impacts)
1	Emissions through burning of gas for factory general heating. Required for employee comfort and equipment frost protection.	112t	80.9t	Competent contractor used to regularly service heaters. Thermostatic controls on factory temperatures with tight management of on/off times regularly reviewed. Windows / doors opening controls when heating is running.	4	4	16	Further reduction of general factory temperatures and times to take to minimal limits comfortable. Local heating improvements to be reviewed where this raises welfare concerns. Installation of automated warehouse door closing system and motor speed increase. Fitting of PVC curtain strips to regularly used bay doors to limit loss of warm air through draughts.
3	Waste products removed from site use vehicle transport emissions, processing emissions, or release of GHGs from burning for energy recovery.	29.2t	28.0t	Segregation of waste prior to putting in the correct waste container allows more material to be processed efficiently. Training for all staff in waste segregation and environmental awareness. External waste containers fitted with protective covers and regularly checked for damage, contamination, correct segregation, and evidence of release. Skips and pallets kept 10m from the building and within a locked compound to reduce the risk of arson. All waste removed is assigned a transfer note with weights detailed.	4	3	12	Further improvements on the packing of purchased materials to be progressed with suppliers to reduce plastic and non-recyclable materials used. Improve filling of skips and bins to fit greater volumes inside, meaning less collections and journeys required. Review if current or prospective supplier can use low or ultra-low emissions vehicles for removing waste.
3	Life-cycle assessments of our manufactured products is required by customers, specifiers, and will be supportive to our environmental developments. This should include upstream and downstream activities, such as raw material acquisition, stone cutting and processing, distribution, and eventual recycling or disposal.	n/a	n/a	Carbon Calculator tool now in place to effectively calculate our emissions for all our supplied materials. No internal LCA in place for our masonry and production work.	4	3	12	We aim to undertake a life cycle analysis project to assist with us capturing and calculating all our carbon emissions during manufacturing. Our scope 3 emissions are passed from supplier to customers, and we will record details of these, and transfer to the Carbon Matrix, backdating all supplied products to 2019.
1	Emissions through burning of gas for wrapping and flaming processes.	158kg	65kg	Tight process controls in place on wrapping & flaming including ensuring equipment is checked and serviced regularly, material preparation is done prior to starting, and equipment is used sparingly where practicable.	3	2	6	Greater banding and strapping to be used with less requirement for shrink wrap where appropriate. Training to be extended to ensure efficient processes are used and non-shrink wrap material is used as widely as possible whilst maintaining safety.
1	Operational vehicles such as Fork Lift Trucks and mechanical handling equipment consume petrol or diesel and generate CO2, SO2, NO2, etc.	8.6t	3.5t	Fuel reduction controls part of FLT training which includes vehicle maintenance and efficient use, such as no idling or over revving. Regular maintenance of FLT's by competent contractor. Replacement of main FLT with Lithium-Ion Electric FLT.	3	2	6	Strategy to replace all FLT's eventually with battery powered FLT's. 2nd truck to replace diesel by July 2024. This should increase the volume of use by electric FLT's to 75% of internal journeys.
All	Offsetting CO2 emissions to achieve net zero. By having this option, it could create an attitude where there is a "licence to pollute". It could distract from reducing emissions and choosing the most beneficial green options. This would reduce the benefit for suppliers of green solutions. Eventually if excessive offsetting was required, there may be a capacity issue where no more trees can be planted specifically for some projects/ businesses.	n/a	n/a	Strategy set where emissions require reducing by 75% minimum to assure environmental control effectiveness. Offsetting will be limited to a maximum 25% reduce to net zero or beyond.	3	2	6	Offsetting schemes to be investigated to ensure they are suitable, ethical, and allow us to directly contribute to carbon reduction measures, rather than purchase Carbon Credits.



Scope Category	Emissions Risk & Current Status Vs Target	Baseline emissions 2019 (CO2e)	Current emissions (CO2e)	Current Operational Controls (Current Actions or controls to prevent or minimise the impact)	Likelihood	Consequence	Improvement Plan (Planned actions to further reduce the impacts)	
2	Delivery vehicles despatching of our products. Trucks and vans consume petrol or diesel using natural resources, and generate CO2, SO2, NO2 etc.	n/a	n/a	Standard practice to fill or group fill loads prior to despatch. Support by haulage company to use efficiency measures to maximise the loads or minimise the vehicle size for every delivery.	2	3	6	Use and preference of more fuel-efficient vehicles and support a move towards electric and hybrid vehicles. Encourage hauliers to use FORS and Low Emissions Vehicles where possible.
3	Employee commuting to and from workplaces, customers, and suppliers. Cars and vans consume petrol or diesel using natural resources, and generate CO2, SO2, NO2 etc.	79t	45.5t	Travel / fuel reduction controls such as: The use of Microsoft Teams or video conferencing for virtual meetings. Multiple visits planned to customers, sites, or suppliers to combine journeys. regular encouragement of cycling, public transport, walking, and car sharing. Use of more fuel-efficient vehicles and company cars to move towards electric and hybrid vehicles. Regular maintenance of company vehicles and policy to drive safely and efficiently. Hybrid working adopted in offices, reducing travel to work by 2/5ths.	2	3	6	Promote travel planning advice including identifying public transport links local to each site, car sharing opportunities, bike-to-work schemes etc.
1	Solvent emissions from aerosols, cleaning chemicals, adhesives, paints, and other chemical solvents used in stone finishing.	n/a	n/a	COSHH assessments completed for all hazardous substances. Hierarchy in place to eliminate or reduce risk by selecting least harmful substances, limit the use, and follow safe systems to control. All relevant personnel regularly trained in COSHH. Storage facilities ensure, where relevant, bunding or suitable containment is used to reduce the likelihood of damage and solvent leak.	2	3	6	Annual COSHH review to be improved to diligently investigate solvent based chemicals to consider alternatives where appropriate.
1	Emissions through burning and consumption of gas for office general heating. Required for employee comfort and equipment frost protection.	21.7t	7.2t	Competent contractor employed to regularly service gas heaters. Thermostatic controls and times for heating on/off/ limits controlled by management. Windows / doors opening monitoring when heating is in operation. Reduction in head office staff attendance now 3 days out of 7, and reduced energy usage in place on office closure days. Closure of 2 x offices no longer used effectively.	3	2	6	Improved measurement and control of heating times and dates. Work in collaboration with businesses that share our office blocks and the landlords to ensure the entire office block is run effectively to reduce the heating required.
2	Consumption of electricity for office lighting, office work, equipment operation, and facilities electrical equipment.	7.4t	0.58t	2 offices closed since baseline. 3 of 4 remaining offices have switched to 100% renewable energy supply. Competent contractor employed to regularly service and review the electricity network. Thermostatic controls minimised on water heater temperatures, and air conditioning. Switch off policy communicated to staff with briefings/ posters. Reduction in office staff attendance now 3 days out of 7, and reduced energy usage in place on office closure days.	3	2	6	Transfer final office to 100% renewable sources. Create lighting labels and strategy for minimising lighting use where motion detection is not available. Bulb replacement will continue to use most efficient types and advancing with technology improvements.
2	Consumption of electricity for general factory and office lighting, production equipment operation, and facilities electrical equipment. Use of unsustainable resources involved in the production of electricity which can produce CO2 and contribute to global warming and climate change.	31t	0t	Electricity contract moved to 100% renewable sourcing (Sept 2022). Competent contractor employed to regularly service and review the electricity network. Thermostatic controls minimised on water heater temperatures, and air conditioning. Switch off policy communicated to staff with briefings/ posters.	3	2	6	Project to install Photovoltaic Solar Panels on the roof of the factory in progress, with a target install date of August 2024.
3	Delivery vehicles , couriers, and vehicle emissions when purchasing products. Trucks and vans consume petrol or diesel using natural resources, and generate CO2, SO2, NO2 etc.	n/a	n/a	Standard practice to use companies that can deliver with larger groupage to share emissions. Use local companies for bespoke business materials, allowing for grouped deliveries and shorter journeys.	2	3	6	Use and preference of more fuel-efficient vehicles and support a move towards electric and hybrid vehicles. Increase our stock of regular items to prevent urgent orders and reduce delivery frequencies.



Goals & Targets

Total Scope 1, 2, & 3 Emissions Target Vs Baseline Year (YOY)

Financial Year	April 24-March 25	April 25-March 26	April 26-March 27	April 27-March 28	April 29-March 30
% reduction	45% (-8.2%)	40% (-11.1%)	35% (-12.5%)	30% (-14.3%)	25% (-16.7%)

We have set a bold target of a 5% reduction each year against the baseline emissions. This is a bold and progressive target, as the reduction becomes increasingly difficult to obtain the lower your emissions become, demonstrated by the YOY (year-on-year) figure. Most of the easy wins and large ticket items have been implemented, so the remaining developments will need significant investment, innovation, and management.

Our salient issues are:

1. Emissions from gas for heating in our factory.
2. Waste removal and segregation emissions.
3. Internal Life Cycle emissions data not available.

These will form our primary actions that we need to focus on to ensure we drive the greatest reductions in our emissions. We will report on the progress of these monthly in the Directors and Management meetings to create actions, allow scrutiny, and ensure the whole company remains committed to achieving our emissions targets.

Sustainability

We have carried out many development projects in areas other than Carbon reduction which have significant reductions in impacts or risk to the environment and improvements in sustainability.

Product Innovation

- We have been working with our suppliers to promote and encourage development of their low-carbon products, such as Kellen Cero and natural stone products with low emission to strength ratios and demonstrating to customers and specifiers the benefits of using these products partially or wholly on schemes.

- Promoting materials which allow less paving and more plant or soil retention and conservation, such as Hydro Lineo, GreenBrick, and Green Paving Solutions.
- Promoting and supporting the benefits of water management solutions such as Drainjoint, Kellen H2O, Clima-Pave, and EcoGranite Aquaflow in decreasing flood risk, minimising soil erosion, and limiting contamination of watercourses.
- We aim to further support these environmentally beneficial products through CPD events, improved Marketing resources and promotion, and through additional product training for our Sales Managers to support in their understanding and accurate application of these materials.

Active Travel Kerbs and Active Travel solutions

Following unprecedented levels of walking and cycling across the UK during the pandemic of 2020, the UK Government, influenced by the Dutch, has fast-tracked statutory guidance, indicating local authorities should reallocate road space for significantly increased numbers of cyclists and pedestrians.

Even more advanced than just localised LTN improvements, the research, specification, and implementation of Hardscape's Active Travel Kerbs (ATKs) is very much a part of our integral DNA and ESG ambitions and is the natural next step for specifiers and planners to re-design how cyclists, pedestrians, and vehicle users share and interact with the urban environment more equitably and safely.

This year, we plan to embark on a bold journey to significantly increase the awareness and understanding of how ATKs can be implemented in the correct way to reduce community emissions, encourage walking and cycling, and improve road safety. This will include marketing events, social media campaigns, and comprehensive internal training.



Our most ambitious campaign event will be an Active Travel Roadshow, which will bring together 180 leading decision makers and industry experts in Manchester, Edinburgh, and London to bring this subject to life and put it at the forefront of any future civic development plans.

Our commitment has led to the appointment of a new National Active Travel Sales Manager to focus solely on the new Active Travel projects, to ensure the full benefits of these schemes are realised through adopting the right solutions, using the right materials.

Other achieved sustainability projects

- Our work on understanding and using Environmental Product Declarations to support customers' choices regarding the selection of materials has led to our inclusion as collaborators and co-authors of the Landscape Institute's ground-breaking "Landscape and Carbon Report" launched in March 2024. Our Operations Manager was integral in the accuracy and practical actions created through this report, and was panellist for the launch events, seen by hundreds of industry decision makers and landscape architects.



1	<p>Agree a carbon assessment process</p> <p>Agree a carbon assessment and management process for the UK landscape sector, and refine the process as new techniques develop.</p>
2	<p>Use standard data and tools</p> <p>Agree a standard for the collection and assessment of data to enable the creation of a set of tools to calculate carbon outcomes.</p>
3	<p>Work with suppliers</p> <p>Call on manufacturers, suppliers and assessors to provide Environmental Product Declarations (EPDs) for all landscape products with fully specified data.</p>
4	<p>Support landscape practitioners</p> <p>Consider the needs of BALI and LI members, and all landscape practitioners, particularly SMEs, and support their work to deliver net zero projects.</p>
5	<p>Build understanding</p> <p>Work closely with other UK built environment professionals and ensure that the role and importance of the landscape sector in carbon reduction is recognised.</p>
6	<p>Improve education and training</p> <p>Work with HR, training and development professionals to identify all necessary educational materials and build carbon into wider CPD programmes.</p>
7	<p>Promote landscape solutions</p> <p>Promote the carbon storage potential of landscapes to policy makers and the wider public, and highlight the contribution which landscapes play in addressing the climate emergency.</p>
8	<p>Create a cross-sector action plan</p> <p>Create a cross-sector action plan to achieve net zero projects, with timescales for delivery. Assign tasks to organisations.</p>



- We identified a potential hazard from the use of Methyl Bromide in the fumigation process of wood imported from India and China. This is banned in Europe, but the import of these materials following fumigation is allowed. This is a poisonous gas which when burned is released, putting people at risk at the point of incineration, rendering the wood unfit for recycling or reuse if the chain of custody following removal cannot be managed. We encouraged our supplier to switch to Heat Treatment for all our pallets and where required, the use of non-hazardous treatments for fumigation of containers.
- Development of a Resurfacing option for customers, using diamond grinding techniques to retain existing stone, rather than replace, saving 90% on the potential carbon emissions for those elements of the projects that can be left in place.



- Support on the Everton F.C. Bramley Moore Dock project, to repurpose waste stone bricks used as ballast for ships, converting them to stone setts used in the paving and walling of their new stadium. This has achieved a great deal of support and admiration from many sources, encouraging others to repurpose materials where possible to reduce costs, reduce carbon emissions, use products sustainably, whilst maintaining history and improving personality within projects.

Planned sustainability and biodiversity development projects

- We plan to further support the BALI & LI Landscape and Carbon report by supporting the steering groups throughout 2024, where they will create methods, best practices, and promotional actions to embed the 8 key recommendations of the report throughout the industry.
- We have been working with local community groups (Friends of Cutacre Park and Over Hulton Community Group) to establish which projects in the local area we may support with to improve biodiversity and restore nature to the area. We plan to plant trees, bushes, and shrubs at the local park to connect woodlands, allowing the safe passage for birds and wildlife to thrive in this area impacted by the development on the land which we now operate from.
- We are also working with Greater Manchester City of Trees, to create an employee “Away Day” where we plan to plant 3000 trees to improve and extend local woodlands.





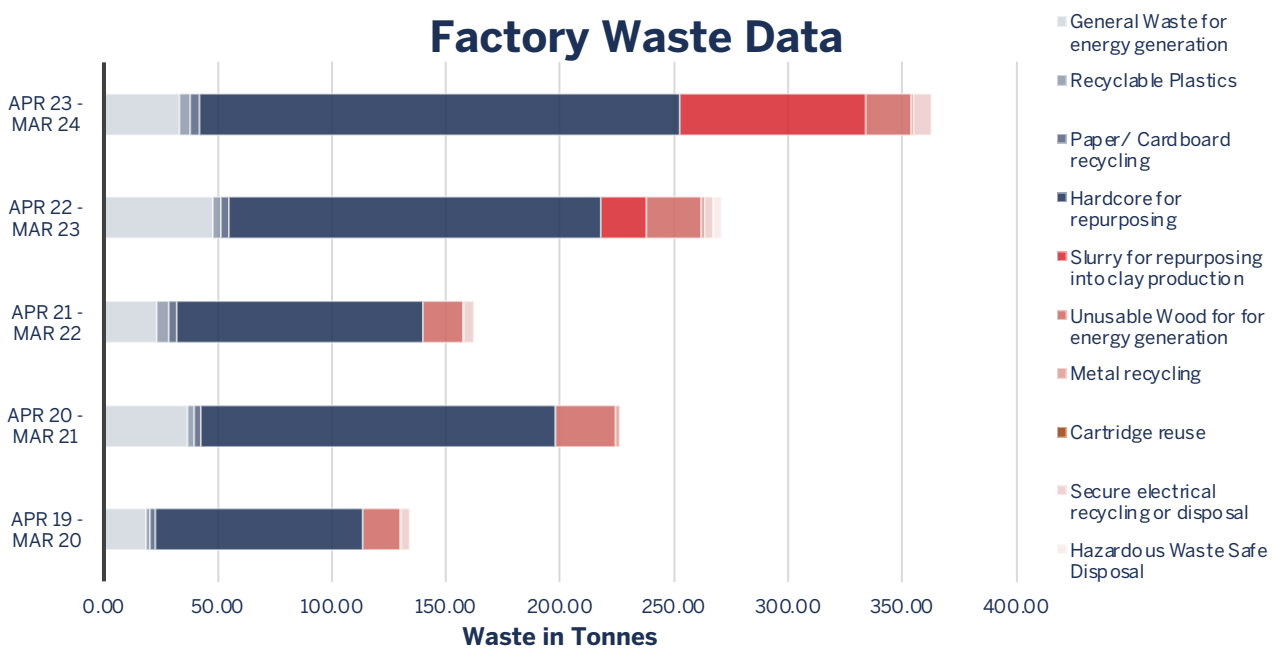
Waste management

Hardscape production and sales have increased year-on-year, so reducing our waste has become increasingly difficult, however the percentage of waste to manufactured products has dramatically fallen.

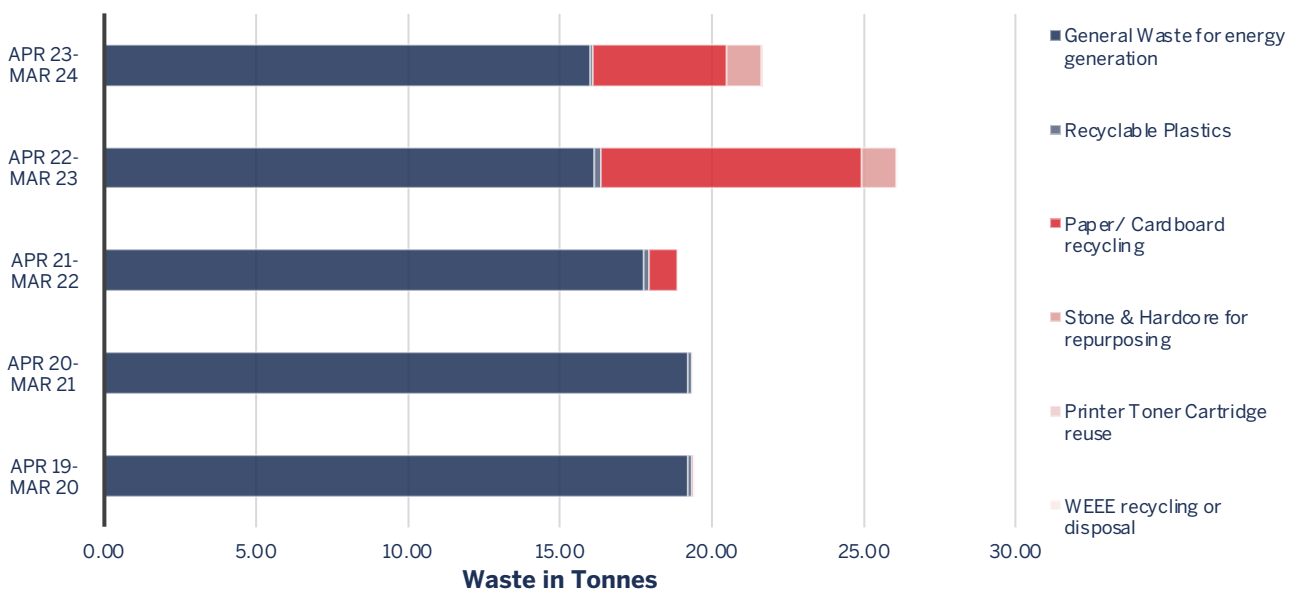
We will continue to review our waste materials and processes to achieve the most desirable outcome from the waste heirarcy model shown.

We can always do better and encourage suppliers to do more to avoid waste where we can and use all the information and resources available to minimise the impacts our business has to maximise sustainability.

Factory Waste Data



Office Waste Data





Planned Waste Developments

- We are moving to a new process of hazardous chemical and substance waste management, partnering with a new supplier in 2024. This will allow us to minimise the impacts of our hazardous waste, giving clear data on the types of waste we generate, how these are responsibly disposed, and advice and training on how to prevent or reduce hazardous waste from experts in this field.
- Office Paper and Cardboard recycling was only initiated in January 2021. Since then, we have significantly reduced the volume of materials used, which we will continue to do with digitisation of all our documents, using less brochures or printed literature, and encouraging staff to use online support tools such as DocuSign, the MS Planner App, and digital noticeboards.
- We will do more to reduce the recycling CO2 emissions impacts of recycling paper and cardboard in our factory by improving our recycling filtering and segregation processes, compacting the materials, and storing securely until complete loads are available, so we can load in bulk to be taken to a recycling centre with less vehicle journeys.
- We are investigating a potential avenue for waste stone, converting to bagged aggregates to sell on our own e-commerce platform, putting us in control of our own circular economy goals, and reducing the emissions by doing this all in-house.
- Improve our employee training in waste minimisation and sustainable procurement through an improved training package for our staff through the Supply Chain Sustainability School and other training partners.
- Collaboration meetings and visits planned with suppliers to discuss packaging minimisation and improvements to limit plastic use and improve packing strength to limit material waste.
- Removal of Methyl Bromide use in wood imported from India and China, which renders the wood unfit for recycling or reuse if the chain of custody following removal cannot be managed.

Waste Status and Goals

Total Company Waste Kg / Manufactured Products Kg as a %					
Financial Year	April 19 - March 20	April 20 - March 21	April 21 - March 22	April 22 - March 23	April 23 - March 24
% achieved	11.2%	12.8%	9.2%	10.6%	10.1%

Total company waste TARGET kg / manufactured products kg as a %					
Financial Year	April 24 - March 25	April 25 - March 26	April 26 - March 27	April 27 - March 28	April 29 - March 30
Target %	9.6%	9.0%	8.5%	8.0%	7.5%



Water management

Quarterly Factory Water Usage and Efficiency



- We have invested in a 2nd Water Management and recirculation system, capturing waste water, filtering, and reusing it on our cutting machines, to reduce water use, reduce risk of deposits entering the watercourses, and improving the safety for staff and neighbours by significantly reducing dust and silica emissions.
- We have begun to track our water use monthly, which will give us valuable insights into the processes or equipment that may use the highest volumes of fresh water. This will support our future development projects and actions.

Future water developments

Total Factory Fresh Water use and efficiency targets

Financial Year	April 24-March 25	April 25-March 26	April 26-March 27	April 27-March 28	April 29-March 30
Water (m³)	2000 m³	2500 m³	2500 m³	2200 m³	2000 m³
Target efficiency (%)	105%	107%	109%	111%	113%



Future water developments

- We are targeting a 2% year-on-year improvement in water efficiency, recycling more water, reducing loss of water through run-off, and capturing more rainwater to use within the system, which is the reason that the efficiencies can rise above 100%.
- We will be reviewing the captured rainwater system to ensure it is using its full capacity and storage capabilities to maximise the water redirected from our roof and guttering. We will then review if additional infrastructure or equipment could increase rainwater captured and look to implement these before the end of the year.
- We will add control measures and equipment to toilets and sinks to reduce excess waste water by using push button taps, flush reduction setting adjustments, and improve leak monitoring controls.



References and Resources

We have followed the progress of national and international understanding of environmental impacts, taking action to ensure our business activities cause minimal environmental harm. We have gained valuable knowledge and developed our strategies based on scientific evidence and collective understanding from the following sustainability partners and information sources.

Affiliated companies and supporting partners:

1. **IPCC Climate Report** can be found here: [AR6 Synthesis Report: Climate Change 2023 \(ipcc.ch\)](#) (The Summary for Policymakers is the best place to start)
2. The **Landscape Institute (LI)**, The **British Association of Landscape Industries (BALI)** and their joint **Landscape and Carbon Report** can be found here: [Landscape and Carbon - Landscape Institute](#)
3. **Active Travel Kerbs** information available on our website here [Active Travel Kerbs - Hardscape | Commercial Stone & Paving](#) and through the Dutch Cycling Embassy here: [DCE - Home \(dutchcycling.nl\)](#).
4. **The Supply Chain Sustainability School** has a wealth of information and is completely free to use. You can sign up for a company or personal account here: [Home - Supply Chain Sustainability School \(supplychainschool.co.uk\)](#)
5. The **Science Based Targets Initiative**
6. The **Ellen MacArthur Foundation** for a circular economy
7. The **SME Climate Hub**
8. The **Climate Pledge**
9. The **UN Global Compact** network of companies

Other agencies and resource guidance used:

1. The 2015 Paris Accords and subsequent Conference Of Parties (COP) agreements
2. The Intergovernmental Panel on Climate Change (IPCC) annual reports
3. The UN Environment Programme World Conservation Monitoring Centre (UNEP-WCMC)
4. The UK Department for Environment, Food and Rural Affairs (Defra)
5. The European Environment Agency
6. Organisation for Economic Co-operation and Development (OECD)
7. The Carbon Trust
8. Chartered Institute of Ecology and Environmental Management (CIEEM)
9. Task Force on Climate Related Financial Disclosure (TCFD)
10. Alliance for Sustainable Building Products (ASBP)

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