

Hardscape Group Carbon Reduction Goals set in April 2019

- 1) Reduce Scope 1 and 2 carbon emissions to 50% by 2025 - Met
- 2) Reduce Scope 1 and 2 carbon emissions to Net Zero by 2038
- 3) Reduce total corporate carbon emissions to Net Zero by 2050

Current Progress (Scope 1 & 2 Tonnes CO2e) (-% vs 2019)

Apr-19 to Mar-20: 144 Tonnes
Apr-20 to Mar-21: 118.02 Tonnes (-18%)
Apr-21 to Mar-22: 109.48 Tonnes (-24%)
Apr-22 to Mar-23: 56.45 Tonnes (-61%)

April 2025 Targets	Management Actions for April 2024	How
Improve company employee's Environmental Awareness	Maintain and develop knowledge, understanding, and commitment of Environmental and Sustainability champions.	Ensure Sustainability meetings are regular, consistent, meaningful, and take on board all opinions to implement improvement measures where possible.
	Track and communicate the quarterly Energy usage and Carbon Capture data with Directors, Managers, and all Employees.	Maintain energy usage data graphs to highlight current status and progress. Plan to automate the system using Power BI to collate data and display effectively.
	Every member of staff, supplier, and customer to be made aware of Hardscape's Carbon Reduction Plan.	Send plan to the whole company. Create quarterly Energy, Sustainability, and Ethical report for all employees. Publish annual report for suppliers, customers, and stakeholders on the website.
	Improve Company policy to further minimise all corporate carbon emissions and sustainability actions.	Review Company Environmental Policy and improve detail and strength to specify how we are to reduce our Carbon Footprint Impacts.
	Improve knowledge and verified clear evidence of environmental status, actions, and wider industry efforts to take CSR/ ESG issues.	Utilise free resources from Carbon Trust, Supply Chain Sustainability School, PAS 2080, and the many sources of information, such as the IPCC 2023 climate report.
Improve combined CO2 emissions, sustainability, and collective efficiencies.	Consider merge of Head Office and Factory to save emissions, materials use, travelling between sites reduction, and equipment duplication.	Project to be fully investigated to install new office, connected services, improve security, move staff, and plan to be created to manage the move. Current Head Office to be sub-let or allow tenancy to expire by April 2025.
Reduce electricity Carbon Footprint emissions by 50%	Improve carbon capture data tools and presentations	Improve Energy Usage tracker, Combine with Carbon Footprint data, and add total impacts, graphs, and yearly progress to give context. Automate where possible to ensure compliance of data entry is kept.
	Improve Company policy and procedures to reduce electricity usage across all sites	Review Company Environmental Policy and improve detail and strength to specify how we are to reduce our Carbon Footprint Impacts.
	Increase % of energy used from renewable to 100%, using renewable Carbon sources across all sites	Review energy supplier renewable source % and move toward 100% renewable where practicable.
	Publicise carbon footprint figure both internally, and externally, via website etc. Ensure data is in context, easy to understand, and verified.	Include Carbon results on annual publicly published report, and Employee quarterly report. Determine which data needs to be shown for each.
	Promote energy efficiency schemes including "switch off when not in use" etc.	Desktop multi extension plugs to be implemented throughout business to aid with switching off. Lights to be put on sensors in all locations. Create a training module and supporting information to implement a detailed "Switch-Off" scheme, to be included with the annual CSR training.
Reduce gas use by 50%	Improve Company policy to reduce gas usage across all sites	Review Company Environmental Policy and improve detail and strength to specify how we are to reduce our Carbon Footprint Impacts.
	Ensure gas heating equipment across all sites, is regularly serviced and maintained to ensure efficient operation. (Especially leading into Winter)	Review "heat loss prevention" initiatives for production facility. Fast close doors to be installed, programmed to minimise opening, and used correctly. Review "heat loss prevention" initiatives for offices with Sustainability Champions. Targeted heating and thermostat control improvements ongoing.
	Reduce heating requirement in LN.	Ensure automatic temp settings for gas heating equipment at LN are regularly monitored and minimised where possible. Use efficient space heaters to give initial "Kick" of heat during particularly cold starts. Maintain checks of door and wall fabrication for gaps and warm air escape prior to winter.
Reduce petrol and diesel use by 50%	Offer advice or incentives to encourage sustainable employee commuting	Create travel planning advice to including identifying local public transport links, car sharing opportunities, roll out an Electric/ Hybrid car purchase benefit scheme, and promote the bike-to-work scheme.
	Maintain increased use of remote or home working. Support collaboration on specific days to allow greater effectiveness of office environment.	Move staff where appropriate to 2/3 day week. HQ Bolton to not open Monday or Friday as standard.
	Increase use of Virtual meetings, remote communications, and diary planning to condense face-to-face meetings.	Induction training to alter to reflect current hybrid working practices. Regular management reviews of Virtual meeting effectiveness and remote working productivity.
	Reduce diesel use for Forklift Trucks. Target of no diesel use for FLT's by 2025.	Swap all Diesel FLT's at factory to Electric versions. 1 completed, program to swap remaining 4 others over the next 12 months.
	Increase % of company fleet that uses alternative energy (Hybrid, electric, biodiesel, etc.)	On every fleet renewal, give full consideration to favour EV purchase. Increase the number of EV charge points at Production Factory to cope with increased demand.
Reduce Scope 3 emissions Carbon Capture Data by 20%	Create tool to automatically determine Carbon Scope 3 emissions at tender stage.	Review all Carbon creating inputs, and find most effective way to simplify and automate, reducing the risk of non-completion. New ERP system to be installed Sept 23, allowing better control of internal data to allow this.
	Sales Managers to increase focus and highlight benefits of lower Carbon products. SM's to work with Suppliers to promote benefits of EPD's and lower Carbon materials.	Training and information to be given to all Sales Teams and Designers to effectively promote Low Carbon products. Support to be given from Ops Mgr to work with suppliers and specifiers to get the full data, make the right decisions based on complete environmental information.
	Produce CO2 emissions data for customers prior to specification or material selection.	Create projections of project CO2 emissions to include A1-A3 and bespoke A4 data, allowing for informed choices. Implement Carbon Calculator on HPL website, to draw attention to the data and allow clear initial choices to be made, advising customers in the process on a much larger scale.
	Review the practicalities and costs of carbon offset schemes to reduce net carbon footprint	Investigate alternative Carbon Offset Schemes. Review effectiveness, value for money, alignment with our strategy, and previous reports or case studies.