

CARBON SOURCE TABLE

Carbon Source	Activity	Tasks	Outcome	Target	Progress based on 16/09/2021 (Report updated on a quarterly basis)
Commercial fleet	Vehicle improvements - battery powered models or low emission engines	<ul style="list-style-type: none"> Fitting ECO drive to our construction vehicles Adding a restrictor to our construction vehicles 	Reduced vehicle emissions	Reduce fuel consumption by 22%	Adding a restrictor to all vehicles. All vans have been restricted to 62mph. By 2022, this will have reduced our fuel consumption by 22%
	Monitoring carbon emissions from our vehicle fleet	<ul style="list-style-type: none"> Collating data to monitor carbon emissions from our vehicle fleet on an annual basis 	Reduced vehicle emissions	Establish a process to monitor carbon emissions from our vehicle fleet on an annual basis	We have partnered with Motorvate who verify our carbon emissions on an annual basis
	Installing car charging points	<ul style="list-style-type: none"> Installing car charging points outside our work premises and throughout Greater Manchester 	Reduced business mileage	Install 8 car charging points in 2021 (6 on site and 2 at our head office in Levenshulme)	Working in partnership with Electromotive and Transport for Greater Manchester (TfGM) to install 6 new charging points on our work sites and 2 new charging points at our head office in Levenshulme
	Having a low emission fleet	<ul style="list-style-type: none"> Upgrading our fleet to low emission models Utilising a smart control access system 	Reduced energy consumption	Ensure our fleet meets Euro 6 emission standards by 31 March, 2022	80% of our construction vehicles now meet Euro 6 emission standards. In 2019, we invested over £90,000 to update our fleet and machinery. As a result, all of our vans now meet Euro 6 emission standards. So far, we

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					have driven 7,800 miles using low emission vehicles
	Exploring use of electric plant	<ul style="list-style-type: none"> Using electric powered plant for our projects 	Reduced energy consumption	Convert 25% of our plant to electric models by 31 March, 2022	Testing electric powered mini diggers
Business and commuting travel	Homeworking	<ul style="list-style-type: none"> Encouraging our staff to work from home 	Reduced mileage	50% of our staff to work from home on a consistent basis	Over 50% of our staff have worked from home during the Coronavirus pandemic and we have saved a total of 650 miles so far
	Virtual meetings	<ul style="list-style-type: none"> Undertaking business meetings via Zoom/Microsoft Teams 	Reduced mileage	Holding 75% of our meetings online via Microsoft Teams/Zoom	Throughout the Coronavirus pandemic, we have held 75% of our business meetings online
	Cycle to work scheme	<ul style="list-style-type: none"> Promoting our cycle to work scheme amongst our workforce 	Reduced vehicle and public transport use	50% of our employees infirmed and encouraged to use the scheme by 31 March 2022	Our HSE & Q Director, Kerry Penrith, promotes our cycle to work scheme amongst our workforce on a consistent basis

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	Car sharing scheme	<ul style="list-style-type: none"> Encouraging our operatives to car share whenever this is permitted under Covid-19 regulations 	Reduced mileage	50% of our employees encouraged to use our car sharing scheme over the next 6 months	We have reduced mileage by 12% over the past 12 months. We also ensure each of our 16 work gangs are provided with a single van and we assign contracts which are conveniently located to reduce travel, car miles and vehicle related emissions
Sustainable supply chain	Procuring from businesses who support our 'zero waste' approach	<ul style="list-style-type: none"> Working extensively with A1 Services who are class leading in Manchester for the disposal of hazardous materials, non-hazardous materials and inert soils Sourcing our aggregate materials through 'Aggregate Industries' who work towards carbon offset methods and new processes 	Less waste in our local communities	Work 100% with businesses who support our zero waste approach	We are working with 'A1 Services' and 'Aggregate Industries' who support our zero waste approach. Our supply chain questionnaire also includes 'zero waste' requirements
On-site	Reducing the use / number of combustion engines	<ul style="list-style-type: none"> Switching from TS410 saws to TSA239 models Switching over combustion powered pumps to solar powered units 	Increased energy efficiency	Using 50% of our TS410 saws to TSA230 models and using 4 solar powered units over the next 12 months	In progress
	Becoming carbon neutral	<ul style="list-style-type: none"> Reduce our carbon emissions by 13% each year 	Reduced carbon emissions	Become carbon neutral by 2030	Reduced carbon emissions by 13% in 2020/21

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	Minimising the use of oil-based fuels	<ul style="list-style-type: none"> Using electric powered vehicles 	Increased energy efficiency	100% of our fleet converted to electric powered models by 31 March, 2023	£90,000 invested in 2019/20 upgrading our fleet to more environmentally friendly models
	Using low carbon concrete mixes	<ul style="list-style-type: none"> Using fly ash, slag, and calcined clays 	Reduced carbon emissions	Use 100% of low carbon, concrete mixes throughout our works	Carbon emissions from our concrete mixes reduced by 55% in 2020/21
	Becoming a member of the '100 Trees Club'	<ul style="list-style-type: none"> Becoming a member of the '100 Trees Club' in 2021 	Reduced carbon emissions throughout Greater Manchester	Become a member of the '100 Trees Club' and plant 100 trees throughout Greater Manchester over the next 12 months	We are now a proud member of the '100 Trees Club'. As part of our membership, we will be able to plant 100 trees throughout Greater Manchester over the next 12 months, participate in CoT networking events, and invite up to 5 of our employees to participate in Citizen Forester volunteer days
	Developing sustainable construction methods	<ul style="list-style-type: none"> Including our supply chain in the development of new and sustainable construction methods 	Reduced carbon emissions	100% of our supply chain partners to be involved within the development of sustainable construction methods	Our HSE & Q Director, Kerry Penrith, undertakes frequent sustainability days for our employees and suppliers to encourage the development of new and sustainable construction methods

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	Engaging in initiatives surrounding environmental conservation and sustainable eco-system management	<ul style="list-style-type: none"> Working in partnership with local councils and organisations to support environmentally friendly initiatives 	Reduced carbon emissions	Support 5 environmentally friendly initiatives over the next 12 months	We are currently supporting The Manchester Park Scheme and Britain in Bloom to upgrade a range of green spaces in Manchester. We are constructing a planting bed in Sackville Gardens/Sackville Street and planning to provide 100 oak and maples trees to high schools in Greater Manchester in 2021
Office based	Maximising natural and LED lighting	<ul style="list-style-type: none"> Adding more windows at our head office in Levenshulme Improving the efficiency of our cabins Using natural light as much as possible 	Increased energy efficiency	Add 2 new windows and 2 new LED lights by 31 March, 2022	We have recently extended our offices with a new cabin and (2 new windows and 2 new LED lights) to increase the amount of natural lighting and reduce energy consumption at our head office in Levenshulme
	Using centralised photocopiers	<ul style="list-style-type: none"> Convert all of our photocopiers to centralised photocopiers 	Increased energy efficiency	Install 5 centralised photocopiers over the next 12 months	In progress
	Using recycled paper, ink cartridges	<ul style="list-style-type: none"> Only use recycled paper and recycled ink cartridges in our offices 	Reduce carbon emissions and minimise energy and water consumption	100% of our paper and ink cartridges to be recycled	In progress

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	Minimising electrical consumption	<ul style="list-style-type: none"> Switching appliances off when they are not in use 	Increased energy efficiency and reduced water consumption	Reduce energy consumption by 50%	Energy consumption reduced by 25% over the past 12 months
	Conducting regular audits to assess and review performance	<ul style="list-style-type: none"> Monitoring and updating our ISO: 14001 Environmental Management System, Environmental Policy and Sustainability Strategy on a quarterly basis 	Reduced carbon emissions and increased energy efficiency	Set 3 new environmental targets every 3 months	Our Managing Director, Garry O'Neill, updates our Environmental Policy and Environmental Management System on a quarterly basis to ensure that we consistently exceed our environmental targets
	Promoting our environmental sustainability policies and documents amongst our workforce, clients and suppliers	<ul style="list-style-type: none"> Ensuring Our Environmental Policy, Sustainability Strategy and Carbon Reduction Policy are always available for our employees, clients and suppliers 	Increased awareness of environmental issues amongst our workforce, clients and suppliers	Provide 2 talks amongst our workforce over the next 12 months to promote these documents and detail where they can be found	Our employees are provided with a copy of our Environmental Policy, Carbon Reduction Policy and Sustainability Strategy on employment with the company and these documents are always available via our internal server and website. They are also provided to our clients and suppliers on request

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	Encouraging our employees to reduce their own carbon footprint	<ul style="list-style-type: none"> • Holding sustainability days amongst our workforce and supply chain partners 	Improved awareness on environmental issues amongst our workforce	Provide 10 sustainability days by 31 March, 2022	Our HSE & Q Director, Kerry Penrith, has held 2 sustainability days over the past 12 months. These provide our employees with education, guidance and support on how they can reduce their carbon footprint
	Improving our off-site recycling rate	<ul style="list-style-type: none"> • Sending recyclable materials and waste to recycling plants 	Reduced waste	Off-site recycling rate to be 93% throughout 2021	In progress