

Route to Operational Net Zero Carbon Strategy

2022 - 2025

Site Operational Activities (Current Reporting)



Measure	GHG Protocol	Definition	Objective	Strategy
1 Staff Travel	Scope 3	Travel for all staff, operatives and subcontractors to and from site, taken from the initial site induction sheets, which records their journey, trades tracked through weekly progress reports.	Reducing Commuting Emissions	Project Teams will be selected based on their commute to the site and staff and subcontractors motivated to utilise the most efficient carbon minimising travel option possible.
2 Site Deliveries	Scope 3	Distance data from purchase orders placed, based initially on location data, which is then averaged to 10km per journey.	Reducing Commuting Emissions	Progressive emission reduction policy to be integrated throughout the supply chain relating to delivery vehicle fleets.
3 Waste Management	Scope 3	Journey data based on skips delivered and removed from site and muckaway lorries round trip journeys.	Reducing Commuting Emissions	Progressive emission reduction policy to be integrated throughout the supply chain relating to delivery vehicle fleets and continue delivering virtual zero waste to landfill.
4 Diesel Usage	Scope 2	Actual data from quarterly utility meter readings received from site.	Diesel Free Site	To develop our supply chain for Electric Plant throughout projects where reasonably practical. Where this is not feasible we will have a hierarchy in place prioritising Electric Plant followed by Hybrid and then Biofuel powered Plant. We will utilise 'green' and emission free generators on site to further facilitate the works.
5 Electricity Usage	Scope 2	Actual data from quarterly utility meter readings received from site.	100% Renewable Energy for Site Welfare and the works.	We will target requirement for a Renewable Energy Provider connected to the grid to supply the site welfare and construction activities.
6 Water Usage	Scope 2	Actual data from quarterly utility meter readings received from site.	Target reductions in operational water usage for welfare and the works. Source renewable sources on site.	Various measures are put in place as a conscious effort to reduce water consumption in our operations. We ensure non concussive taps are used in all of our site accommodation and welfare. Meters are installed on our sites and readings taken to monitor our performance against those targets.

Rooff Operational Net Zero Strategies



Green House Gas Protocol - Scope Categories					
Greenhouse gas emissions are categorised into three groups or 'Scopes' by the most widely-used international accounting tool, the Greenhouse Gas (GHG) Protocol. Scope 1 covers direct emissions from owned or controlled sources. Scope 2 covers indirect emissions from the generation of purchased electricity, steam, heating and cooling consumed by the reporting company. Scope 3 includes all other indirect emissions that occur in a company's value chain.	Rooff Construction Operational Emissions	Site Operational Activities - Carbon Reduction Strategies	Head Office Operational Activities - Carbon Reduction Strategies	Target Timeframe	offset Residual Emissions %
Scope 1	Rooff owned company cars, trucks and vans	Progressive move to low-zero emission, ULEZ compliant, hybrid, electric vehicle fleet	Progressive move to low-zero emission, ULEZ compliant, hybrid, electric vehicle fleet	2022 - 2025	100%
Scope 2	Utility bills for the Rooff Construction Group; electricity, gas, water, diesel	Reduce usage & Source renewable energy providers for site energy use requirements	Reduce usage & Source renewable energy providers for head office energy use requirements	2022 - 2025	100%
Scope 3	Staff Commuting inc Supply Chain	Progressive move to low-zero emission, ULEZ compliant, hybrid, electric vehicle fleet, promote public transport, green travel plans, company cycle schemes, company electric vehicle schemes	Progressive move to low-zero emission, ULEZ compliant, hybrid, electric vehicle fleet, promote public transport, green travel plans, company cycle schemes, company electric vehicle schemes	2022 - 2032	100%
	Staff Business Related Travel	Progressive move to low-zero emission, ULEZ compliant, hybrid, electric vehicle fleet, promote public transport, green travel plans, company cycle schemes, company electric vehicle schemes	Progressive move to low-zero emission, ULEZ compliant, hybrid, electric vehicle fleet, promote public transport, green travel plans, company cycle schemes, company electric vehicle schemes	2022 - 2032	100%
	Deliveries / Transportation throughout Supply Chain	Progressive move to low-zero emission, ULEZ compliant, hybrid, electric vehicle fleet, green travel plans	Progressive move to low-zero emission, ULEZ compliant, hybrid, electric vehicle fleet, green travel plans	2022 - 2032	100%
	Waste Management Transportation	Progressive move to low-zero emission, ULEZ compliant, hybrid, electric vehicle fleet, green travel plans	Progressive move to low-zero emission, ULEZ compliant, hybrid, electric vehicle fleet, green travel plans	2022 - 2032	100%
	Waste Disposal (net energy scenario)	Target 100% recycling, net zero uncontaminated waste to landfill	Target 100% recycling, net zero uncontaminated waste to landfill	2022 - 2025	100%
	Goods and Services Purchased	Develop Net Zero Target Sustainable Procurement Policy throughout the Supply Chain	Develop Net Zero Target Sustainable Procurement Policy throughout the Supply Chain	2022 - 2032	100%