

PPN 0621 Carbon Reduction Plan Emissions Reporting

Reporting Year: 2023			
EMISSIONS	TOTAL (tCO ₂ e)		
Scope 1	Type	Qty/Unit	CO ₂
	Electricity (41% from renewable source)	44516 kWh	3.438 tonnes (Electric vehicles deducted)
	Waste	1.5 tonnes	0.0 tonnes 311kg CO ₂ saved by recycling.
	Water	262m ³	0.078 tonnes
	Air Conditioning	5 rooms/2 hours	0.15 tonnes
	Company vehicle (vans) fuel use	14641 Gallons (diesel)	167.21 tonnes (Carbon Calculator)
Scope 2	Type	Qty/Unit	CO ₂
	Electric vehicles (41% renewable source)	9	1.6 tonnes
Scope 3 (Included Sources)	Type	Qty/Unit	CO ₂
	Business Travel (vehicles)	60320 miles	13.3 tonnes
	Airmiles	28048Km	6.72 tonnes
	Office Employee Commuting (to include Hybrid vehicles)	84618 miles	14.86 tonnes
	Waste generated during operations	8 skips mixed construction 1.81 tonnes residual waste to landfill	1.81 tonnes
Total Emissions	= 209.166 (tCO ₂ e)		

(Off-setting = 0.311t from recycled waste; 30 trees planted = 0.79t.

Total = 1.1tCO₂e)

Emissions reduction targets

Horizon's Integrated Objectives, Targets & Improvement Programme (HIMS02) details annual emissions targets:

Carbon Reduction Plan	Continue a strategy of awareness and training in GHG Emissions within our workforce. Promote and encourage a reduction in GHG emissions through our company Policies and	Carbon emissions monitoring results	Encourage GHG emission reduction initiatives with our employees and supply chain partners. Monitor & Measure our Emissions. Produce Internal Reports and Publish on Company Website
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	Procedures and supply chain partners. Continue to work towards Net Zero 2050		
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Carbon offsetting is used as a last resort for addressing the emissions that can't be removed/prevented in any other way.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2021 baseline. Data for 2023 have been monitored and recorded. The carbon emission achieved by these initiatives have been assessed enabling comparisons with previous years. Since June 2022 Horizon has procured their electricity from companies utilising renewable energy, resulting in ZERO carbon emissions for consumption of electricity at Head Office.

Horizon have been accredited to ISO14001:2015 since March 2010. The business has implemented environmental management measures such as an Environmental Site Checklist to assess environmental risk or works we carry out on client sites.

We have adopted LED/PIR lighting controls and continue to increase the electrification of the company fleet as well as installing extra EV charge points at HQ, with all electricity consumed generated from renewable energy sources. Solar panels were installed January 2024.

In the future we hope to implement further measures such as: Further electrification of the company fleet to reduce fuel use in vehicles.

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard³.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of the Supplier:



.....Leigh Holford Managing Director

Date: 4.4.24

¹ <https://ghgprotocol.org/corporate-standard>

² <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

³ <https://ghgprotocol.org/standards/scope-3-standard>