

Carbon Reduction Plan

Supplier name: Centurion Site Services Ltd

Company Registration Number: 04029318

Published date: April 2024

Commitment to achieving Net Zero

Centurion Site Services Ltd is committed to achieving Net Zero emissions by 2040.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured. We have chosen our baseline year to be 1st January 2021 – 31st December 2021.

Baseline Year: 2021

For this baseline measurement, we quantified the carbon impacts of all scope 1, scope 2 and a subset of scope 3 activities. We included the scope 3 categories required for PPN compliance (upstream transportation and distribution, waste generated in operations, business travel and commuting) and we optionally have reported our fuel- and energy-related emissions and upstream leased asset emissions. We used the operational control approach; office scope 1 and 2 emissions that appear in scope 3, upstream leased assets, are those for which we cannot introduce operating policies (managed office spaces).

We remeasured our baseline emissions in line with an updated methodology to allow for comparison between years going forward. This remeasure included an expansion of the fuel- and energy-related activities category, and the movement of some office scope 1 and 2 emissions to scope 3.

Emissions	Total (tCO ₂ e)
Scope 1	1,755.5
Scope 2*	Market-based: 27.9 Location-based: 27.9
Scope 3 (partial measurement)	525.3
Total Emissions	Market-based: 2,308.7 Location-based: 2,308.7

**Purchased electricity can be measured in two ways. A location-based method reflects the average emissions intensity of grids on which energy consumption occurs (using mostly grid-average emission factor data). A market-based method reflects emissions from the electricity that companies have purposefully chosen (or their lack of choice). A market-based method therefore takes into account the purchase of electricity via a verified renewable energy tariff. We have chosen to base our Net Zero target on a market-based methodology.*

Baseline Carbon Intensity

Intensity Metric	Carbon Intensity (tCO ₂ e / Unit)
Employees	15.4 tonnes of CO ₂ e per employee
Revenue	0.164 kg of CO ₂ e per £ of revenue

This intensity metric has been calculated using total market-based results for scope 1, scope 2 and the **subset of scope 3** categories that have been included in the measurement.

Current Emissions Reporting

Reporting Year: 2023	
The methodology for our second measurement follows that of the first, and includes the same scope 3 categories; upstream transportation and distribution, waste generated in operations, business travel, commuting, fuel- and energy-related emissions and upstream leased asset emissions.	
No measurement was completed for the 2022 reporting period.	
Emissions	Total (tCO ₂ e)
Scope 1	1,688.7
Scope 2	Market-based: 7.0 Location-based: 20.8
Scope 3 (partial measurement)	500.7
Total Emissions	Market-based: 2,196.5 Location-based: 2,210.3

Current Carbon Intensity

Intensity Metric	Carbon Intensity (tCO ₂ e / Unit)
Employees	16.4 tonnes of CO ₂ e per employee
Revenue	0.136 kg of CO ₂ e per £ of revenue

This intensity metric has been calculated using total market-based results for scope 1, scope 2 and the **subset of scope 3** categories that have been included in the measurement.

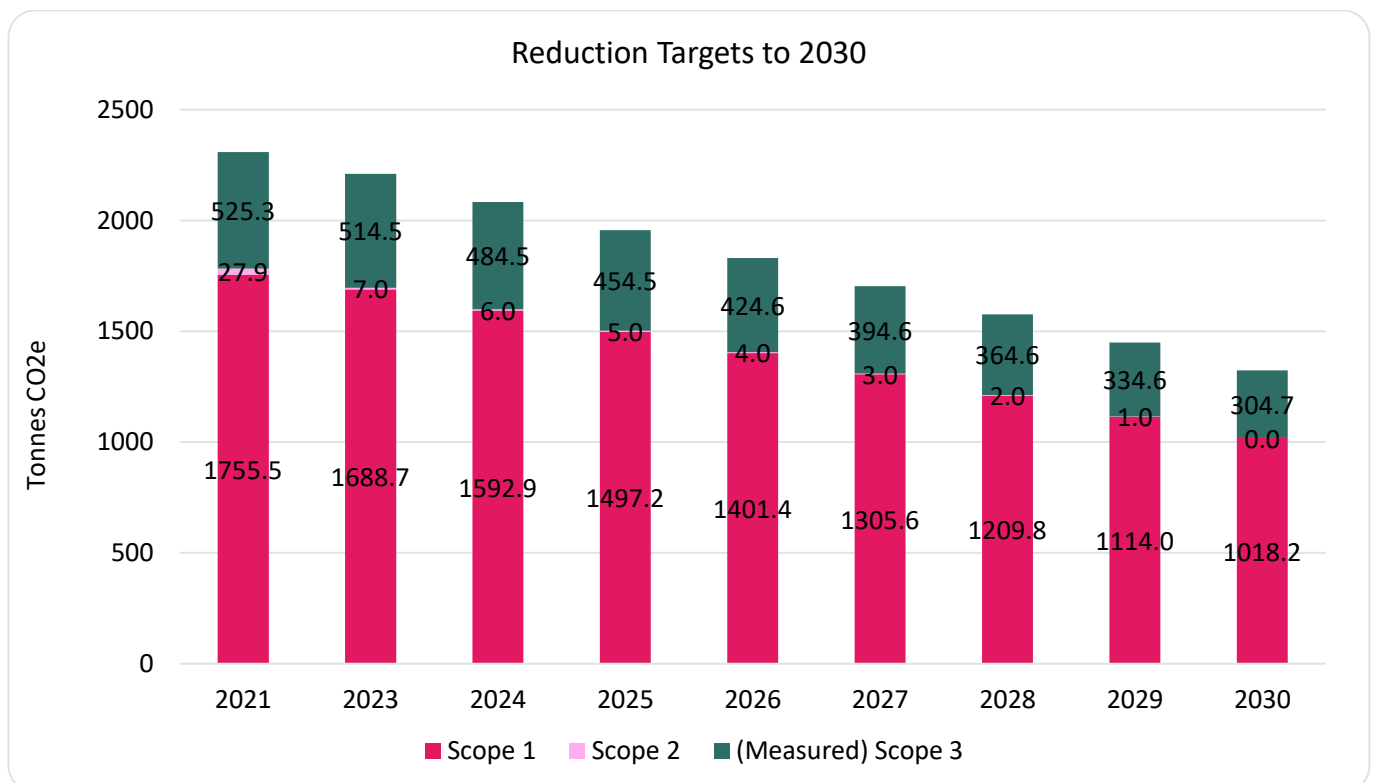
Emissions reduction targets

Centurion Site Services Ltd is committed to achieving Net Zero by 2040. To achieve Net Zero we will need to reduce our absolute emissions by 90% from our baseline year and offset any residual emissions. We have also set some near-term targets, against which we will track progress.

Our near-term targets:

- Reduce scope 1 emissions by 42% by 2030.
- Reduce market-based scope 2 emissions to zero by 2030.
- Reduce scope 3 emissions by 42% by 2030.

Based on this year's results, we will need to reduce our scope 1 emissions by 82 tCO₂e each year, our scope 3 emissions by 25 tCO₂e each year, and switch to 100% renewable electricity tariffs for all sites before 2030 if we are to reach our 2030 targets.



Progress

Since measuring our baseline year, we have reduced absolute measured emissions across all categories. Our emissions reductions in scope 1 and scope 3 were less than required for a linear reduction to 2030, but we expect there will be more opportunities for reduction as we approach 2030 with advances in the electric vehicle industry.

Scope	Targeted Reduction	Actual Reduction (2023)
Scope 1	10%	4%
Market-based Scope 2	22%	75%
Measured Scope 3	10%	4%

Between the two reporting years, our workforce decreased in size by 10% whilst turnover increased by 15%. As our emissions decreased by 4% overall, our workforce carbon intensity increased by 6%, but our **economic carbon intensity decreased by 17%**.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following carbon reduction actions were implemented prior to the measurement of our most recent year.

Activity	Completion Year	Scope
We have committed to measuring the carbon impacts of business activities and creating a carbon reduction plan based on the results.	2021	1,2,3
We have switched the majority of our fleet cars to electric or plug-in hybrid alternatives. In 2021, 98% of car mileage was completed in combustion engine vehicles, compared with only 2% in EV or plug-in hybrid vehicles. In 2023, these figures were 67% and 33%. Despite car mileage increasing from 29,879 in 2021, to 38,366 miles in 2023, emissions decrease from 8.9 tCO ₂ e to 5.3 tCO ₂ e due to the change in vehicles.	2023	1
We have also delivered training to all current staff and to each new staff member during onboarding to reduce idle times and therefore unnecessary fuel use.	2023	1

Future Carbon Reduction Plans

To further reduce our emissions, we are committed to implementing the following actions over the next year:

Activity No.	Activity	Target Date	Category
1	We commit to replacing our remaining combustion engine cars with electric or plug-in hybrid alternatives at the end of life or lease. We have already arranged the replacement of 1 or the 2 remaining vehicles with an electric or plug-in alternative, and commit to doing the same with the remaining combustion engine vehicle.	2025	Scope 1: Mobile Combustion (Cars)
2	We commit to closely monitoring the electric light and heavy goods vehicle market with the goal of electrifying our fleet as viable options become available. We have already begun assessing the feasibility of electrification within our fleet and will continue to evaluate the market for suitable electric vehicles. We commit to replacing our existing conventional vehicles with electric alternatives as they become technologically and economically viable, ensuring a sustainable transition towards greener transportation.	Ongoing	Scope 1: Mobile Combustion (L/HGV)
3	We will investigate the replacement of diesel with low-carbon alternatives such as Hydrotreated Vegetable Oil (HVO) . This could help us to reduce our mobile combustion emissions before an electric fleet can become a reality.	2025	Scope 1: Mobile Combustion (L/HGV)
4	We commit to transitioning our electricity tariffs to 100% renewable contracts which are managed directly by Centurion Traffic to reduce our carbon footprint and support the growth of renewable energy sources. 84.6% of the electricity purchased in 2023 was backed by renewable energy guarantee of origin certificates (REGO), which reduced our electricity emissions by 13.8 tCO ₂ e compared with location-based emissions. Market-based emissions can be reduced to zero if all electricity is purchased through renewable tariffs.	2025	Scope 2: Purchased Electricity
5	We are committed to enhancing employee engagement and awareness when it comes to our climate strategy. We will look to provide appropriate training for our teams to inform and motivate them, we will consider incentives to reward and encourage sustainable behaviours and we will actively seek input from staff on these issues. We will also discuss our climate initiatives and progress during regular meetings to communicate that this is a critical part of our business strategy.	2025	All scopes and categories
6	Commit to measuring the emissions from categories that have not been included in this measurement (scope 3; purchased goods and services, capital goods, downstream leased assets, franchises, investments and downstream product categories).	2027	Currently outside of scope



	We expect to have emissions in the purchased goods and services and capital goods categories.		
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Declaration and Sign Off

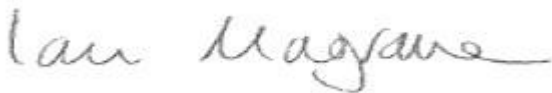
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

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 Management Plan has been reviewed and approved by the Centurion Site Services Executive Team.

Signed on behalf of Centurion Site Services Ltd:



Name: Ian Magrane

Position: Managing Director

Date: 10th May 2024

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1. <https://ghgprotocol.org/corporate-standard>
 2. <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>
 3. <https://ghgprotocol.org/corporate-value-chain-scope-3-standard>