Carbon Reduction Plan template

Supplier name OnSite Central Ltd
Publication date

Commitment to achieving net zero

OnSite is committed to achieving net zero emissions by **2050**.

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.

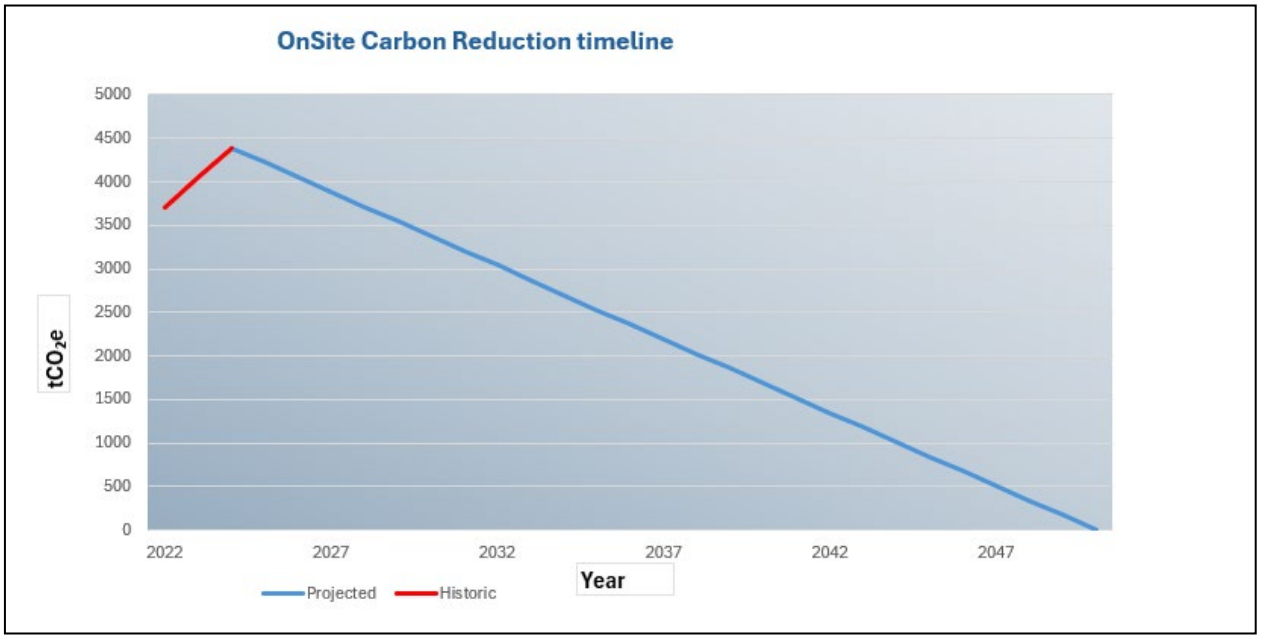
Baseline emissions are the reference point against which emissions reduction can be measured. **Baseline year: 2022**	
Additional details relating to the baseline emissions calculations:	
Emissions from the baseline year and all subsequent years have been certified under the Carbon Reduce programme (previously known as CEMARS). The inventory has been prepared in accordance with the requirements of the Programme, which is based on the Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (2004) and ISO 14064-1:2018 Specification, with Guidance at the Organization Level for Quantification and Reporting of Greenhouse Gas Emissions and Removals.	
Baseline year emissions:	
Emissions	Total (tCO2e)
Scope 1	3,487.78
Scope 2	47.45
Scope 3 (included sources)	Category 4: upstream transportation & distribution: 10.4 Category 5: waste generated in operations: 19.5 Category 6: business travel: 53.8 Category 7: employee commuting: 91.56 Category 9: downstream transport & distribution: 0
Total emissions	3,710.49 tCO_2e

Current emissions reporting Reporting year: 2024	
Emissions	TOTAL (tCO2e)
Scope 1	3,890.22
Scope 2	93.96
Scope 3 (included sources)	Category 4: upstream transportation & distribution: 10.4 Category 5: waste generated in operations: 5.56 Category 6: business travel: 298.76 Category 7: employee commuting: 87.64 Category 9: downstream transport & distribution: 0
Total emissions	4,386.54

Emissions reduction targets

In order to continue our progress to achieving net zero, we have adopted the following carbon reduction targets.

We project that carbon emissions will decrease over the next five years to 3,205.55 tCO2e by 2031. This is a reduction of 26.9%.



Carbon reduction projects

Completed carbon reduction initiatives

The following environmental management measures and projects have been completed or implemented since the 2022 baseline. The carbon emission reduction achieved by these schemes equate to 428.36 tCO2e, a 0% reduction against the 2022 baseline and the measures will be in effect when performing the contract.

1. All new company cars are now either Plug-in Hybrids (PHEVs) or Battery electric (BEVs), replacing internal combustion (ICE). Estimated savings **14.8 tCO_2 p/a** on 18 vehicles.
2. Installation of electric vehicle charge points at OnSite depots to support the implementation of PHEVs & BEVs.
3. The LCV fleet has now been completely converted to modern low emission Euro 6 engines with start/stop & emergency stop features ensuring cleaner burning engines and compliance with UK low emissions zones. Euro 6 reduces highly polluting NO_X, which:
   - Reduces climate-forcing emissions - from **0.18 to 0.08g/km**.
   - Reduces particulate matter (PM2.5um) & other toxins.

   NO_X savings for 2022 calendar year are 555kg against a Euro 5 fleet (**55% reduction**).
4. Vans which previously would have required engines to run while stationary to power CCTV inspections are progressively being fitted with batteries and rooftop solar panels as an alternative, cleaner, quieter source of power (estimated savings **28.38 tCO_2 p/a** on 8 vehicles).
5. OnSite has replaced existing telematics on all operational vehicles from June 2022 following a successful pilot. The new Lightfoot system connects to the vehicle's ECU to monitor driver behaviour to target fuel use, driver safety and downtime reduction. It provides active real-time driver feedback to assist in modifying behaviours which may lead to unsafe or inefficient operation. Lightfoot has secured **334 tCO_2** of cumulative savings from initial deployment to January 2026.
6. Continuing, in-house ROSPA driver assessments to ascertain competence and identify additional training for low driver scores, to support the roll-out of the Lightfoot vehicle telematics system.
7. OnSite has replaced petrol generators for powering site tools with battery powered equipment to mitigate environmental pollution from combustion emissions and noise (estimated savings **3-5 tCO_2 p/a**).
8. Energy audits have taken place at OnSite's main depots with a view to reducing energy usage and associated emissions. A full LED lighting retrofit has taken place at the Worcester head office, reducing electricity usage from **170,064kWh** (FY21/22) to **117,259kWh** (FY22/23) i.e. by **31%** (**saving 10.2tCO_2 p.a.**).
9. Continued to engage with Achilles as part of our ISO 14064 Carbon Reduce programme and commitment, for professional help and guidance as well as performance monitoring.
10. Employed a dedicated professional Environmental & Sustainability Advisor to manage and drive the strategy and co-ordinate targeted initiatives supported by the wider QUENSH team.
11. Continued certification to ISO 14001:2015 to ensure sound environmental management practices.
12. As part of South Staffordshire Plc, OnSite is now aligned with the SBTi (Science – Based Targets initiative), which sets out an approach to Net Zero targeting.
13. OnSite now has a Net Zero Transition Plan, to align with the Group's Net Zero strategy.

Future carbon reduction initiatives

In the future we hope to implement further measures such as:

1. Hydrogen FCEV (hydrogen Fuel – Cell Electric Vehicles). The advantages over ICE vehicles comprise being zero-emissions/ zero tailpipe pollution and over BEV vehicles - longer range, range unaffected by ambient temperature and lower battery weight.
2. Eventual complete replacement of company Diesel & PHEV (Plug-in Hybrid) vehicles of all types with zero – emission alternatives.
3. Assess viability of fuelling HGV's, generators and pumps with HVO (Hydrotreated Vegetable Oil) before other zero – emission technologies such as FCEV/ BEV technologies for HGV's become available. HVO is a waste – derived product securing emissions reductions of up to 88% over Diesel and is a drop-in replacement for mineral Diesel. Initially a pilot project could be initiated at a single depot to understand how to integrate the fuel into operations and then rolled out across other depots as practicable.
4. A Solar PV scoping study has also been undertaken to understand the environmental and commercial benefits for head office –the proposed installation could result in over 25tCO_2 in avoided annual emissions whilst reducing grid electricity demand by 45-50%.
5. Moving personnel to and from project sites: when operatives travel daily from depots to sites they sometimes use larger LCV's which carry equipment in the back and so are not optimised for efficient transport of people (a maximum of 3 per vehicle). Instead it is proposed the crews will travel to site in minibuses, saving vehicle trips, fuel costs, and emissions.
6. EV chargers to be installed at the Tipton site: OnSite PaCE (Pipelines and Civil Engineering) currently do not have chargers at the depot, so installing them will allow greater adoption of EV's and better utilisation of PHEV's (Plug-in Hybrid Electric Vehicles).
7. Evaluate HVO as a boiler fuel for sewer re-lining when steam is required for the CIPP (Cured In-Place Pipe) process: mobile boilers are required to provide heat for the steam needed for the curing process. At present there is no alternative to liquid fuels to feed the HGV – mounted boilers, therefore when these boilers are due for replacement, boilers which can use HVO will be evaluated which will result in a life-for-like CO_2e emissions reduction of around 80% per kWh.

Declaration and sign off

This Carbon Reduction Plan has been completed in accordance with PPN 006 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 standard and uses the appropriate government emission conversion factors for greenhouse gas company reporting.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements (where required), 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) Standard.

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:

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Position held:

CCO

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Date: 16th January 2026