Carbon Reduction Plan

Supplier name: Next Energy Solutions Ltd
Publication date: May 2026

Commitment to achieving Net Zero

Next Energy Solutions Ltd is committed to achieving Net Zero emissions by 2030.

We are a rapidly growing business transitioning from SME to large organisation, delivering critical construction and retrofit services. As such, we have made significant investments into our business operations and sustainability plans. We are targeted to be carbon neutral by 2027 and Net Zero by 2030 as part of our sustainability strategy. Initiatives include:

- Sustainable Procurement Plan
- Compliance Management (Responsible for environment)
- 100% Renewable Energy Supply via Smartest Energy (enabling zero Scope 2 market-based emissions)
- Verified Carbon Offsetting
- Sustainable Head Office with modern sustainable technologies
- Fleet Electrification and Hybrid Transition
- ISO14001 certification maintained

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.

Next Energy Solutions used the HM Government Environmental Reporting Guidelines to calculate our emissions. Emission related to energy, waste, and transport have been calculated using the best available usage data.

Emissions have been grouped according to the GHG Protocol Corporate Accounting and Reporting Standard Calculator. Data for Scope 3 emissions in the baseline year was limited to waste, based upon sample projects and averages.

EMISSIONS	TOTAL (tCO2e)
Scope 1	316
Scope 2	3
Scope 3 (Included Sources)	91 (Source: Waste)
Total Emissions	**410**

Current Emissions Reporting

Reporting Year: 2024/2025

Our carbon footprint has been calculated in accordance with the GHG Protocol Corporate Accounting and Reporting Standard. Our Scope 2 emissions reflect our transition to a 100% renewable electricity tariff with Smartest Energy, backed by Renewable Energy Guarantees of Origin (REGO) certificates, resulting in zero market-based Scope 2 emissions. For transparency, the location-based Scope 2 figure is 2 tCO2e.

Scope 3 reporting has been expanded beyond waste to include upstream transportation and distribution, business travel, and employee commuting. We have also commenced a carbon offsetting programme using verified carbon credits to compensate for residual emissions.

EMISSIONS	TOTAL (tCO2e)
Scope 1	278
Scope 2	0 (Market-based) / 2 (Location-based)
Scope 3 (Included Sources)	93 (Sources: Waste, Business Travel, Commuting, Upstream Transport)
Gross Total Emissions	**371**
Carbon Offsets	-25
Net Total Emissions	**346**

Emissions Reduction Targets

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

Next Energy Solutions aims to be carbon neutral by 2027 and Net Zero by 2030. In order to progress towards this, over the next four years we are adopting the following reduction targets against the baseline year and will adjust as necessary:

- We will reduce emissions from travel (including grey fleet and hired vehicles) by 30%.
- We will maintain zero market-based emissions from energy use at branch offices via our 100% renewable tariff.
- We will promote the circular economy, identify waste by activity streams, and reduce total construction waste by 45%.
- We will reduce office paper usage by 60%.

We project that gross carbon emissions will decrease over the next four years to 100 tCO2e by 2030. This is a reduction of 75.6% against the baseline. Our business is projected to continue its rate of growth, and so the scale of our operation will increase. We plan to achieve Net Zero by 2030 by implementing targeted reduction strategies and by offsetting our residual emissions as we grow.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

We have introduced policies and initiatives to reduce our transport costs, mileage, and emissions. These include opportunities for homeworking and enhancing our suite of IT tools to enable hybrid working policies. Fleet vans are speed limited, and we continue to increase the number of Euro 6 compliant vehicles and introduce hybrid vans. Sustainable travel planning has been implemented via work scheduling software, and we invest in our staff to ensure a high number of multi-trade workers, which reduces repeat visits and mileage.

We have launched environmental awareness training to all colleagues to ensure a standard level of knowledge to grow initiatives and increase staff energy awareness.

We have adopted a 100% green energy tariff across our offices via Smartest Energy, completed LED lighting upgrades, and modified Building Management Systems to achieve energy savings.

We have removed bottled water facilities in offices where alternative fresh water sources are available and ensure the Waste Hierarchy is implemented across our premises (reduce, reuse, recycle, energy recovery, dispose).

Future Carbon Reduction Initiatives

In the future, we plan to implement further measures, including:

- Further developing our sustainable travel strategy, including electrification of the fleet, benchmarking of telematics providers, and implementing a new car benefit scheme incentivising ultra-low carbon emissions vehicles.
- Increasing the provision of electric vehicle charging infrastructure across our offices.
- Increasing the use of smart energy meters in our offices.
- Expanding our approved list of carbon offsetting projects to invest in via rigorous assessment, ensuring they achieve measurable and permanent reductions.
- Improving water metering and efficiency.
- Promoting active and sustainable travel through our cycle scheme, considering flexible working patterns to support sustainable commute methods.
- Increasing the use of cloud storage and decommissioning local IT infrastructure.
- Reducing paper usage through electronic document management systems.
- Enhancing our work with supply chain partners to reduce their emissions (Scope 3).

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with the Cabinet Office Action Note PPN 06/21 and associated guidance.

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 use 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, 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) Accounting and Reporting Standard.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors.

Signed on behalf of Next Energy Solutions Ltd:

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Michael Madigan, Managing Director
Date: May 2026