SINDEN

Carbon Reduction Plan

Our commitment to achieving net zero

Financial Year 2025/2026

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PPN 006 Carbon Reduction Plan

Financial Year 2025/2026

Supplier Name: Sinden Construction Limited

Publication Date: October 22nd, 2026

This Carbon Reduction Plan captures the operations of Sinden Construction Limited.

Commitment to Net Zero

Sinden Construction Limited has committed to achieving:

- Net zero carbon emissions across our Scope 1 and 2 operations by 2035
- Net zero carbon emissions across all activities, including Scope 3 by 2040

As a construction business operating in the United Kingdom, we acknowledge that our own activities contribute to global climate change. We are committed to reducing our environmental impacts in line with the commitments made by the UK government which align with the global commitments of the Intergovernmental Panel on Climate Change (IPCC). We remain committed to maintain our ISO14001 Environmental Management System certification as a key component of our environmental management and carbon reduction programme.

Sinden Construction aligns with the Science Based Targets Initiative (SBTi) in setting near-term carbon reduction targets.

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.

Sinden Construction's baseline emissions were re-calculated in 2022/2023 based on considerable progress made in implementing accurate measurement systems for all Scope 1 and 2 sources, and a much greater range of Scope 3 sources than was previously achievable. This substantial expansion in the scope of our reporting necessitated a recalculation from the existing 2021/2022 baseline, aligning with the business's stated intention to re-baseline in our 2021/2022 reporting statement.

The methods for all emissions calculations are available upon request and follow the principles set out by the Greenhouse Gas Protocol and associated construction-focussed ENCORD Protocol.

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Financial Year 2025/2026 Scope

An overview of the scope of the carbon emissions included in this report is provided below:

Scope 1

- Fuel purchased by Sinden Construction and combusted in plant and equipment on project sites.
- Fuel purchased by Sinden Construction and combusted in Sinden Construction-owned vehicles.
- Fugitive emissions from air-conditioning systems and any other equipment.

Scope 2

- Electricity purchased by Sinden Construction used on project sites.
- Electricity purchased by Sinden Construction used on company premises.
- Electricity purchased by Sinden Construction used in company-owned electric vehicles.

Scope 3

- Scope 3 Category 3 – fuel- and energy-related activities not included in Scope 1 or Scope 2:
    - Indirect emissions (well-to-tank) from fuel purchased by Sinden Construction used in company-owned vehicles.
    - Indirect emissions (well-to-tank and transmission & distribution losses) from electricity purchased by Sinden Construction.
    - Direct and indirect emissions (well-to-tank and transmission & distribution losses) from electricity purchased by third-parties (client and/or subcontractors).
    - Direct and indirect (well-to-tank) emissions from fuel purchased by subcontractors used on Sinden Construction sites.
- Scope 3 Category 4 – upstream transportation and distribution emissions. Transport emissions for those materials that have been directly procured by Sinden have been captured in this category.
    - The transport of those materials purchased by Sinden's subcontractors are not captured in this category as they are currently captured within Category 1 (outside of the scope of this CRP). Category 1 is currently being calculated using the spend-based method and transport of materials is inherently captured within these calculations because the total spend on materials includes the cost of transport. As Sinden continues to develop its embodied carbon framework, these emissions will be separated from Category 1 and included in Category 4.
- Scope 3 Category 5 – waste generated in operations:
    - Emissions generated from waste processing and disposal.
    - Emissions generated from transport of waste to processing facilities.
- Scope 3 Category 6 – business travel:
    - Direct (fuel combustion) and indirect emissions (well-to-tank) from fuel purchased for by Sinden in non-Sinden-owned vehicles.

    - Emissions from fuel combusted during business travel by employees deemed to be outside of regular commuting patterns.
- Scope 3 Category 7 – emissions generated during employee commuting, including to sites and to Sinden's head office.
- Scope 3 Category 13 – downstream leased assets. Sinden Construction leases property in the head office building to another organisation, the electricity consumption of which is captured in this category.

Not In Scope

- Scope 3 Category 1 – goods and services purchased by Sinden Construction, including materials purchased by subcontractors.
    - Upstream transportation and distribution emissions (Category 4) are considered to be inherently captured within Category 1, as the spend-based method has been applied to subcontractor material procurement costs. The spend includes the cost of materials transport to site.
    - This category is being monitored but is not published in this carbon reduction plan.
- Scope 3 Category 2 – capital goods. No material capital goods were purchased in the reporting year and smaller capital goods are reported on in Category 1.
- Scope 3 Category 8 – upstream leased assets. No leased assets were operated by Sinden Construction in FY2025/2026.
- Scope 3 Category 10 – processing of sold products. Products sold by Sinden Construction require no processing.
- Scope 3 Category 11 – emissions generated during the use phase of Sinden Construction projects (lifetime energy consumption).
    - This category is being monitored but is not published in this carbon reduction plan. As data quality improves, this category will be calculated using average-data and suppler-specific methods.
- Scope 3 Category 12 – emissions from the end-of-life of Sinden Construction projects (Category 12) are considered to be inherently captured within Category 1, as the spend-based method has been applied to material procurement costs (Sinden and subcontractor). The emission factors used represent the cradle-to-gate emissions of purchased products.
- Scope 3 Category 14 – franchises. Sinden Construction does not operate franchises.
- Scope 3 Category 15 – investments. Sinden Construction has no active investments.

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Baseline Year (Financial Year 2022/2023) Emissions

Scope & Category	Emissions Source	Total Carbon Emissions (tonnes CO_2-equivalent)
Scope 1	**Scope 1 (Total)**	**102.73**
	Fuel – Project	19.80
	Fuel – Premises	-
	Fuel – Company-Owned Vehicles	82.93
	Process / Fugitive	-
Scope 2	**Scope 2 (Total)**	**37.65**
	Electricity – Project*	37.65
	Electricity – Premises (Market-Based)	
Scope 3	**Scope 3 (Total)**	**1877.95**
Category 3	Fuel- and Energy-Related Activities	45.08
Category 4	Upstream Transportation and Distribution	265.51
Category 5	Waste Generated in Operations	47.94
Category 6	Business Travel	49.05
Category 7	Employee Commuting	1470.37
	Total Emissions	**2018.33**

*Scope 2 emissions of project electricity supply are from a combination of know and location-based emission factors and UK general market-based emission factors.

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Current Year (Financial Year 2025/2026) Emissions

Scope & Category	Emissions Source	Total Carbon Emissions (tonnes CO_2-equivalent)
Scope 1	**Scope 1 (Total)**	**8.36**
	Fuel – Project	2.26
	Fuel – Premises	-
	Fuel – Company-Owned Vehicles	6.10
	Process / Fugitive	-
Scope 2	**Scope 2 (Total)**	**14.27**
	Electricity – Project (Market-Based	14.27
	Electricity – Premises (Market-Based)	-
Scope 3	**Scope 3 (Total)**	**1,041.74**
Category 3	Fuel- and Energy-Related Activities	65.45
Category 4	Upstream Transportation and Distribution	24.44
Category 5	Waste Generated in Operations	73.40
Category 6	Business Travel	480.64
Category 7	Employee Commuting	382.94
Category 13	Downstream Leased Assets	14.88
	Total Emissions	**1,064.37**

*Only the market-based method was shown in the table above. Please see the table below for the comparison of market-based emissions and location-based emissions:

Allocation Method	Total Carbon Emissions (tonnes CO_2-equivalent)
Market-Based – Project	14.27
Market-Based – Premises	-
Market-Based (Total)	**14.27**
Location-Based – Project	17.12
Location-Based – Premises	21.56
Location-Based (Total)	**38.68**

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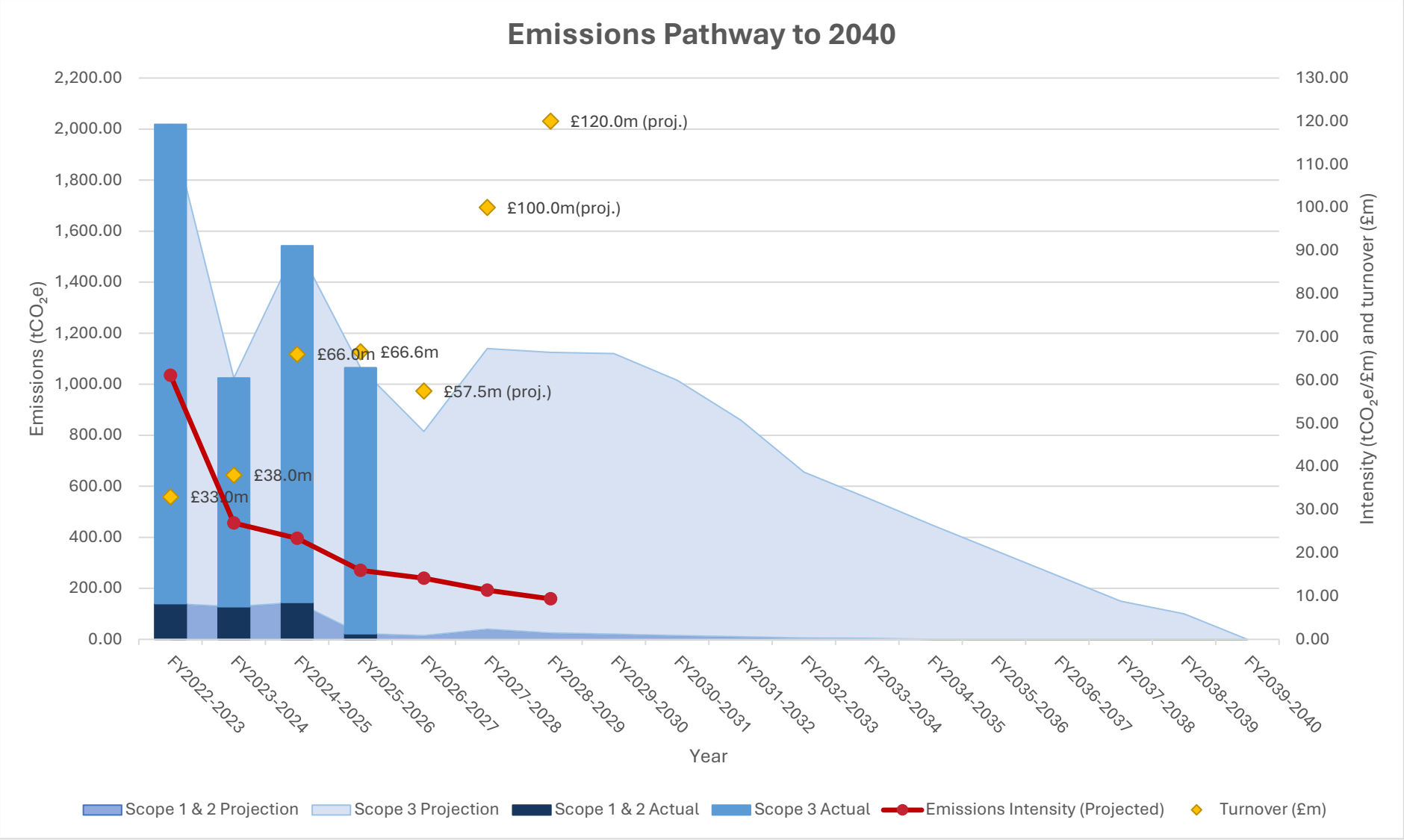
Emissions Reduction Targets



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Emissions Reduction Projects

Completed Initiatives

- Hydrotreated vegetable oil (HVO) is preferred to conventional diesel for site preparation and investigation works, with the aim of formalising this approach in company policy.
- High-efficiency welfare units are prioritised across all sites to reduce energy consumption.
- Early grid connections are secured where practicable to minimise generator use. Where grid power is unavailable, battery-powered plant and tools or low-emission alternatives compliant with NRMM Stage V requirements are prioritised.
- An Agile Working Policy is in place to reduce employee commuting emissions.
- Electric vehicle charging points have been installed at our office premises.
- Our ISO 14001-certified Environmental Management System is maintained, supported by life-cycle assessments of environmentally significant operations to inform prioritisation, training and reduction measures.
- Workforce mapping is used to prioritise locally based employees for site-based roles, including site management and labouring positions.
- Smart sockets have been installed at Sinden's head office, using scheduled power-down periods and other settings to reduce energy consumption.
- Initial monitoring of the embodied carbon associated with materials procured by Sinden and its subcontractors has been introduced to inform future reduction strategies.
- A sustainability training programme has been established for all Sinden employees, covering topics including carbon awareness and climate literacy.
- Renewable electricity contracts are prioritised for all projects where Sinden controls energy procurement.

Future Initiatives

- Replace vans with electric vehicle (EV) or plug-in hybrid electric vehicle (PHEV) alternatives as the existing fleet reaches the end of its service life.
- Implement an HVO-only policy for relevant subcontractor operations, replacing conventional diesel and aligning with Sinden's own fuel policy.
- Continue developing the embodied carbon framework to inform procurement and design decisions, prioritising lower-embodied-carbon materials and suitable alternatives.
- Prioritise locally based applicants for site-based roles, including site management and labouring positions, and formalise this approach in the company recruitment policy to reduce employee commuting emissions.
- Install photovoltaic panels at Sinden's head office to generate renewable electricity and reduce reliance on the grid.
- Require the procurement of contracts supplying 100% UK-generated renewable electricity for all projects where Sinden controls energy procurement.
- Implement a company-wide sustainable travel policy that incentivises public transport use and car sharing.

Data Improvements

We now measure the majority of our Scope 1 and Scope 2 emissions through BRE's SmartWaste platform, providing a more consistent and centralised basis for emissions reporting. We are also progressively expanding the range and level of detail of Scope 3 data captured within the platform. This is improving visibility across our operations, supporting more robust year-on-year comparisons and helping us identify priority areas for further data-quality improvements.

We have begun monitoring the embodied carbon associated with materials procured by Sinden and our subcontractors, initially using the spend-based method. We intend to develop this framework by progressively incorporating average-data methods, using recognised published emission factors, and supplier-specific data, including Environmental Product Declarations (EPDs), where available. This transition will improve the accuracy and granularity of our calculations and enable embodied-carbon information to better inform design, specification and procurement decisions.

We have also begun monitoring the emissions associated with the use phase of completed buildings, using Energy Performance Certificate (EPC) data as an initial source of information. This work is intended to strengthen our understanding of downstream operational emissions and provide a clearer view of how design and delivery decisions can influence building performance. It will also support our objective of delivering high-quality, energy-efficient buildings for clients and end users.

We have continued to improve our data-collection processes, reducing the frequency and extent of data gaps. Where complete information is unavailable, documented assumptions and extrapolations from comparable, verified data are used to produce the most reasonable estimate possible. Our next priority is to ensure that existing systems and reporting requirements are applied consistently across all projects, supported by clear responsibilities, quality checks and appropriate training. We will also continue to assess new technologies and data sources that could improve the accuracy, completeness and efficiency of company-wide emissions reporting.

Emissions Outlook

As our business continues to grow, absolute carbon emissions may increase in periods of higher construction activity. This is primarily because a larger project portfolio increases demand for materials, site energy, transport and subcontractor operations. We will therefore assess performance using both absolute emissions and appropriate intensity measures, enabling us to distinguish the effect of business growth from changes in the carbon efficiency of our operations.

During the next financial period, both absolute emissions and emissions intensity are expected to decrease because a significant proportion of Sinden's project portfolio currently comprises Pre-Construction Services Agreements (PCSAs). These activities generally have a lower operational emissions profile because Sinden and its subcontractors primarily provide design, planning and programme advice rather than undertaking physical construction on site. As these agreements progress into main construction contracts, potentially during the following financial year, emissions are expected to rise towards the level associated with normal site activity and may increase further in line with continued business growth.

Carbon reduction initiatives have contributed to lower absolute emissions and emissions intensity during the current reporting year. Although changes in project volume and project type also affect year-on-year performance, the results indicate improved carbon efficiency across our operations. Sinden Construction remains committed to its long-term carbon reduction objectives and will continue to implement targeted operational measures, procurement policies, data improvements and employee training to support progress towards net zero. As the business expands, we will continue to integrate carbon management into project planning and decision-making so that growth is pursued alongside sustained improvements in environmental performance.

Declaration and Sign-Off

This Carbon Reduction Plan has been completed in accordance with PPN 006 and associated guidance and reporting standards for Carbon Reduction Plans.

Emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Protocol Corporate Standard and Scope 3 Calculation Guidance and uses appropriate emission factors for greenhouse gas company reporting.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Protocol Scope 3 Calculation Guidance. This Carbon Reduction Plan has been reviewed and signed off by the board of directors.

Signed on behalf of the Supplier:

Steve Wood

Commercial & Digital Director