

# CARBON REDUCTION PLAN

**Supplier Name:** Tilsley Groundworks Limited

**Publication Date:** February 2026

## Commitment to Achieving Net Zero

**Tilsley Groundworks Limited** is committed to achieving Net Zero emissions by **2045**.

We recognize that the construction and civil engineering sector is a significant contributor to global carbon emissions. As a responsible "Tier 1" partner, we are actively decoupling our growth from our carbon footprint through the adoption of HVO fuels, Stage V machinery, and digital efficiency technologies.

## Baseline Emissions Footprint

**Baseline Year:** Financial Year Ending 31st March 2026

### Additional Details relating to the Baseline Emissions calculations:

This is our first reporting period under the PPN 06/21 guidelines. As such, this year serves as our baseline against which all future performance will be measured. Our emissions data is aligned with our developing Environmental Management System.

<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b> (Direct Emissions)  <i>(Includes Red Diesel/HVO usage in plant, company vehicle fuel, and gas heating)</i>	<b>[XX.XX]</b>
<b>Scope 2</b> (Energy Indirect)  <i>(Includes purchased electricity for HQ and Depot)</i>	<b>[XX.XX]</b>
<b>Scope 3</b> (Included Sources)	<b>[XX.XX]</b>

<b>EMISSIONS</b>	<b>TOTAL (tCO2e)</b>
<i>(Includes business travel, employee commuting, waste disposal, and upstream transportation)</i>	
<b>Total Emissions</b>	<b>[XX.XX]</b>

### Current Emissions Reporting

**Reporting Year:** Financial Year Ending 31st March 2026

*(As this is our first year of reporting, the Current Emissions are identical to the Baseline).*

<b>EMISSIONS</b>	<b>TOTAL (tCO2e)</b>
<b>Scope 1</b>	<b>[XX.XX]</b>
<b>Scope 2</b>	<b>[XX.XX]</b>
<b>Scope 3</b>	<b>[XX.XX]</b>
<b>Total Emissions</b>	<b>[XX.XX]</b>

### 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 **[XX.XX] tCO2e** by **2031**. This is a reduction of **[XX]%**.

### Carbon Reduction Projects

#### Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the start of our 2026 reporting period. The carbon emission reduction achieved by these schemes equates to **[XX.XX] tCO2e**, a **[XX]%** reduction

against the 2025 baseline and the measures will be in effect when performing the contract.

### **1. Transition to HVO Fuel**

We have aggressively transitioned our heavy plant fleet from standard Red Diesel to **Hydrotreated Vegetable Oil (HVO)**. This renewable fuel reduces net CO2 emissions by up to 90% compared to fossil diesel.

### **2. Stage V Fleet Investment**

Our "Owned Fleet" strategy has allowed us to upgrade to **Volvo Stage V** compliant engines. These low-emission units significantly reduce Particulate Matter (PM) and Nitrogen Oxides (NOx), improving air quality on site.

### **3. GPS Machine Control (Trimble)**

We have implemented 3D GPS machine control across our excavation fleet. By "digging to design" with +/- 20mm accuracy, we have reduced:

- Over-digging and material wastage.
- Engine idling time (waiting for engineers).
- Fuel consumption per cubic meter moved.

### **4. Circular Economy (On-Site Crushing)**

Where possible, we utilize mobile crushing units to process demolition arisings into certified 6F2 aggregate on-site. This prevents waste from going to landfill and eliminates the carbon emissions associated with importing virgin stone.

### **5. Digital Administration**

We have implemented a paperless invoicing and site reporting system, reducing paper consumption and administrative waste.

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### **Future Carbon Reduction Projects**

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

### **1. ISO 14001 Accreditation**

We are currently in the process of implementing a formal Environmental Management System (EMS) with the goal of achieving full **ISO 14001 accreditation**. This framework will allow us to rigorously audit, track, and continuously improve our environmental performance.

### **2. Fleet Electrification**

We are implementing a policy to transition our light commercial vehicles. All new company cars for leadership will be **Hybrid/Electric**, and we are trialing **Electric Vans** for our Site Foremen and mobile fitters to reduce Scope 1 emissions.

### **3. Eco-Driver Training**

We will roll out a formal "Eco-Driver" training module for all plant operators. This training focuses on:

- Reducing idle times.
- Optimizing RPM for fuel efficiency.
- preventative maintenance checks to ensure peak engine performance.

### **4. Renewable Energy Infrastructure**

We plan to install **Solar PV panels** at our Warton headquarters and maintenance depot. This will reduce our reliance on grid electricity (Scope 2) and provide clean charging for our electric small tools and vehicles.

### **5. Sustainable Procurement**

We will engage with our supply chain to prioritize suppliers who publish their own Carbon Reduction Plans. We aim to source materials with lower embodied carbon, such as low-carbon concrete mixes, where specification allows.

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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 standards 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, 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:**

**Jon Tilsley**

**Managing Director**

**Tilsley Groundworks Limited**

**Date:** February 2026