

Carbon Footprint & Reduction Targets Policy

Policy date: October 2026 | Review date: October 2027 | Ruthin, Denbighshire

1. Purpose and commitment

Vale Groundworks & Construction Ltd is committed to understanding, monitoring and progressively reducing the greenhouse gas emissions associated with its groundworks and construction operations. Our priorities are practical: using fuel efficiently, planning work carefully, avoiding unnecessary journeys, managing materials responsibly and considering lower-emission equipment as suitable options become available.

This document sets out our approach to measuring emissions and establishing credible reduction targets. It does not claim that a verified carbon footprint or emissions reduction has already been achieved.

2. Activities within our initial footprint

We will first measure emissions that are most directly under our control, then expand reporting as reliable information becomes available.

Emissions category	What we will record
Direct fuel use (Scope 1)	Diesel and other fuels used by owned vehicles, excavators and site machinery.
Purchased energy (Scope 2)	Electricity and any other purchased energy used for business operations, where applicable.
Wider activities (selected Scope 3)	Plant hire and deliveries, purchased materials, waste movements and subcontracted transport, where data is available.

3. Establishing a baseline

During 2027 we aim to establish our first annual baseline using available fuel receipts, mileage logs, electricity bills, supplier invoices and waste records. Where records are incomplete, estimates will be identified clearly rather than presented as measured results.

We will use appropriate published UK greenhouse gas conversion factors for the reporting year to estimate emissions in tonnes of carbon dioxide equivalent (tCO₂e). We will record both total emissions and relevant activity measures, such as fuel used per project or mileage per job, so that changes in workload can be understood.

4. Reduction actions

- Machinery: select appropriately sized plant for each task, service equipment regularly, avoid unnecessary idling and monitor fuel use.
- Transport: group site visits and collections, coordinate deliveries, favour local suppliers when practical and keep vehicles well maintained.
- Investment: assess the operational efficiency of the proposed Kubota U10-5 micro excavator and Isuzu Gafter tipper, subject to purchase and project approval.

- Materials and waste: order accurately, reuse suitable materials where lawful and safe, segregate recyclable waste and use authorised carriers.
- People: encourage staff and subcontractors to follow efficient working practices and report opportunities to reduce waste and fuel consumption.

5. Targets and milestones

We will set a quantified carbon reduction target after the 2027 baseline has been calculated. This avoids presenting unsupported percentages as commitments. Our interim process targets are:

When	Action / measure
During 2027	Start monthly recording of fuel use and vehicle mileage; collect relevant energy and waste data.
By end of 2027	Calculate an initial baseline and select suitable measures of emissions per project or operating activity.
During 2028	Set and publish a realistic, measurable reduction target against the baseline; review progress at least annually.
Ongoing	Review journey planning, plant suitability, maintenance and material efficiency.

6. Monitoring, responsibilities and review

Company management will oversee record keeping, review emissions information and update actions as the business develops. Progress will be assessed annually, including any changes in workload, machinery or reporting coverage. Any future public claims about carbon savings will be based on documented calculations and clearly stated assumptions.

This policy supports our Environmental & Sustainability Policy and Decarbonisation Policy & Action Plan. It will be reviewed in October 2027, or earlier if business operations change materially.

Approved for adoption by: Company management Date: _____