



Carbon Reduction Plan

2026



Supplier details and commitment

A G Wilson Limited is committed to achieving Net Zero emissions by 2050 at the latest. In October 2024 it signed the Business in the Community NI Climate Action Pledge. That pledge commits it to cut Scope 1 and 2 emissions by at least 30% by 2030, to measure and reduce Scope 3, and to report every year. Diesel burned in owned plant and vehicles is its largest controllable source, so it sits at the centre of this plan. The plan follows the Cabinet Office [PPN 006 Technical Standard](#) and the [PPN 006 Carbon Reduction Plan template](#).

Item	Detail
Supplier name	A G Wilson Limited (trading as AG Wilson Civil Engineering)
Company number	NI603275
Registered address	8 Upper Ballydugan Road, Portadown, Craigavon, Co Armagh, BT63 5NU
Activity	Civil engineering (SIC 42990): water and wastewater pipelines, large-diameter PE fusion welding, marine works
Operating area	Northern Ireland and Great Britain, with major pipeline work in Scotland
People	About 65–70 employees
Financial year end	30 April
Organisational boundary	Operational control
Management system	ISO 9001, ISO 14001, ISO 45001 (IMS)
Publication date	30 th October 2026

Progress statement

Having recently completed our reporting for 2025/26, we have taken the opportunity to review our progress against the Climate Action Pledge. We have introduced a number of carbon reduction measures in recent years. However, our continued growth and increased operational activity mean that achieving the 30% reduction target by 2030 will be challenging. Turnover has grown 34% since 2023/24 while emissions per £m of turnover have held steady. Our focus now is on scaling up HVO, cutting fuel use across the fleet, and completing the reporting of our Scope 3 emissions, which we already measure.

Baseline emissions footprint

The baseline year is 2023/24, the first year reported under the BITC NI Climate Action Pledge. Emissions were 705.15 tCO₂e, and diesel accounted for 94.7% of them. Figures come from AG Wilson's BITC NI

submissions, calculated with UK Government conversion factors under the GHG Protocol Corporate Standard.

Scope	Source	Amount	tCO2e	Share
1	Diesel (average biofuel blend)	265,711 L	667.48	94.7%
1	Burning oil	5,150 L	13.08	1.9%
1	LPG	3,828 L	5.96	0.8%
1	Natural gas	24,940 kWh	4.56	0.6%
1	Petrol (average biofuel blend)	1,910 L	4.01	0.6%
1	Propane	276 L	0.43	0.1%
2	Mains electricity	46,489 kWh	9.63	1.4%
3	Cats 4, 5, 6, 7, 9	Not yet measured	–	–
	Total		705.15	100%

PPN 006 requires five Scope 3 categories: upstream transport, waste, business travel, commuting and downstream transport. AG Wilson is already measuring Scope 3 internally, but it has not yet reported it. Before the plan is used in a tender, the baseline and current-year figures must include those categories. Downstream transport is likely not relevant and can be stated as excluded.

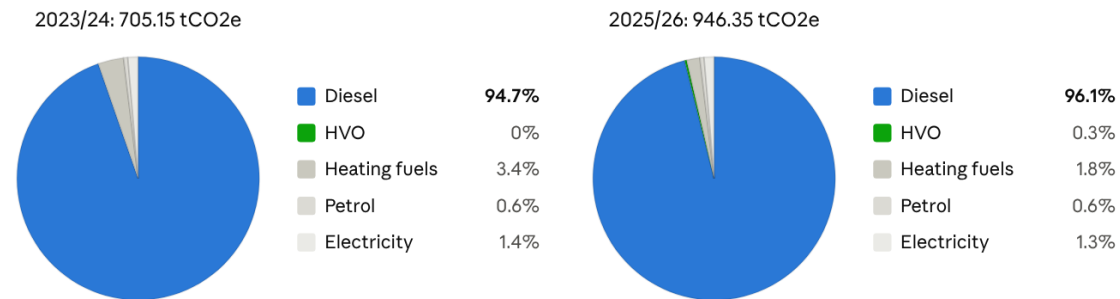
Current emissions reporting

Emissions in 2025/26 were 946.35 tCO2e, 34.2% above the baseline. Turnover grew 34.0% over the same period, from £18.73m to £25.11m. Emissions per £m of turnover were flat at about 37.7 tCO2e, so the rise comes from growth rather than less efficient working. HVO use fell from 124,898 L in 2024/25 to 71,280 L in 2025/26; had it held, intensity would have fallen.

Scope	2023/24 baseline (tCO2e)	2024/25 (tCO2e)	2025/26 (tCO2e)	Change vs baseline
Scope 1	695.52	925.03	933.78	+34.3%
Scope 2	9.63	10.58	12.57	+30.6%
Scope 3	Not measured	Not measured	Measured internally; not currently reported	–
Total	705.15	935.62	946.35	+34.2%
Intensity (tCO2e per £m turnover)	37.64 (£18.73m)	38.15 (£24.52m)	37.69 (£25.11m)	+0.1%

Diesel is about 95% of emissions in both years; HVO is still under 1%

Scope 1 and 2 emissions by source, share of tCO₂e



AG Wilson BITC NI Climate Action Pledge reports, 2023/24 and 2025/26 · heating fuels = burning oil, LPG, natural gas and propane

All sources other than diesel add up to less than 5% of emissions, so cutting diesel is the only route to the pledge.

Emissions reduction targets

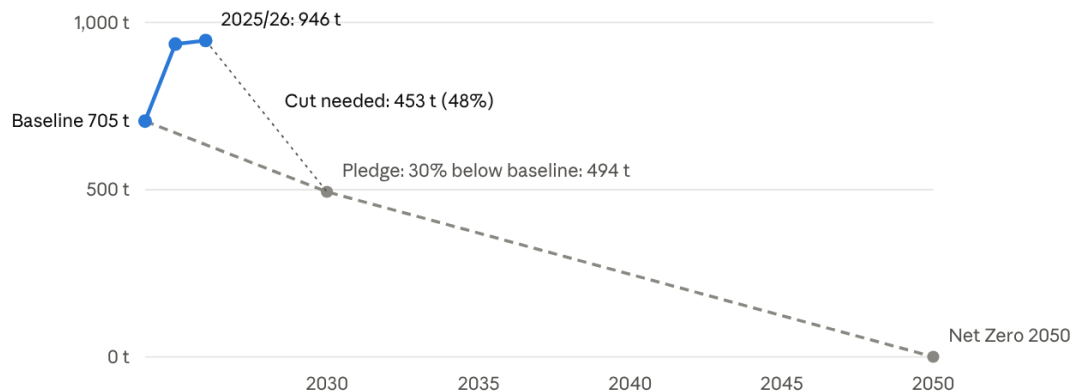


AG Wilson's pledged target is to cut Scope 1 and 2 emissions at least 30% below the 2023/24 baseline by 2030, to 493.6 tCO₂e. It will reach Net Zero across all scopes by 2050. Emissions in 2025/26 were 946.35 tCO₂e, so the pledge now needs a 48% cut in four years.

With turnover up 34% since the baseline, the absolute target will be challenging if growth continues. To show progress that is independent of growth, the plan adds an intensity target: Scope 1 and 2 emissions at least 30% below 2023/24 intensity by 2030, which is 26.3 tCO₂e per £m turnover or less.

Emissions are 34% above baseline; the 2030 pledge needs a 48% cut

Scope 1 and 2, tCO₂e. Actual (blue) against the pledge path (grey). Years are financial years ending April.



AG Wilson BITC NI Climate Action Pledge reports, 2023/24–2025/26 · target from the pledge signed October 2024

Replacing diesel with HVO is the only measure big enough to close the gap on its own. Each litre switched saves about 2.5 kg CO₂e. Moving about 179,000 L a year (half of 2025/26 diesel use) delivers the 453 t cut. Scope 3 targets will be set once the baseline is restated. By 2050, any remaining emissions will be balanced with certified carbon removals.

Carbon reduction projects



Diesel produced 96% of 2025/26 emissions (909 tCO₂e from 353,716 L), so the plan is built around replacing it. HVO already proved workable in 2024/25, when 124,898 L were used. The other measures cut fuel use and deal with the smaller sources.

Completed measures

- Signed the BITC NI Climate Action Pledge (October 2024) and reported emissions for 2023/24, 2024/25 and 2025/26.
- HVO used in place of diesel: 124,898 L in 2024/25 and 71,280 L in 2025/26. This saved about 317 t and 181 t CO₂e compared with diesel.
- Burning oil use cut from 6,347 L to 2,293 L between 2024/25 and 2025/26, and LPG and propane also fell.
- New SANY excavators added from 2024 ([SANY UK, July 2024](#)); modern plant on regular servicing and inspection regimes.
- Planned site set-up and task sequencing to cut unnecessary movements, double handling and idling; engines shut down during periods of inactivity.
- Energy-efficient lighting in offices and welfare; temporary site accommodation only where operationally necessary; electricity monitored where metered.
- Waste segregation and recycling on site.
- Environmental data held in a central metrics register and reviewed through the UKAS-accredited ISO 14001 system, now being integrated into the ISO 9001/14001/45001 IMS.

Planned measures

Measure	Scope	Start	Expected effect
Scale HVO back up and beyond its 2024/25 level: at least 179,000 L a year by 2029/30, excavators and generators first	1	2026/27, rising each year	About 453 tCO ₂ e a year, enough on its own to meet the 2030 pledge
Fuel-use and idle reporting from plant telematics; auto shut-offs fitted to plant	1	2026/27	Typically 5–10% fuel saving from idle reduction
Idling limits reinforced in site briefings; eco-operation training for operators and drivers	1	2026/27	Supports the telematics savings
Stage V plant only for hires, where available; right-sized plant for each task	1	2026/27	Lower fuel use per hour worked
Battery or hybrid power packs for fusion welding and site lighting; timer-controlled lighting and heating in welfare units	1	2027/28	Cuts generator run-hours
EV and hybrid van trials, then 30% of the fleet EV or hybrid, with chargers at the depot	1	Trials 2026/27; 30% by 2028	Removes a growing share of light-fleet diesel

Measure	Scope	Start	Expected effect
Trial electric excavators on small urban sites	1	2027	Zero-emission plant where sites allow
100% renewable electricity tariff and smart metering at the depot	2	2026/27	Cuts market-based Scope 2 to near zero
Solar PV at Regional Hub in Scotland, subject to the feasibility review	2	2027/28	Lower grid electricity use
Route planning software; batched crew travel and deliveries to Scotland; car sharing	3 (Cats 4, 6, 7)	2026/27	Fewer ferry crossings and road miles
Reuse excavated material for trench reinstatement; 95% landfill diversion	3 (Cat 5)	2026/27	Less waste to landfill and less haulage
Trial low-carbon concrete, foam concrete and trenchless pipe installation	Materials (outside the required Scope 3 set)	2027	Lower embodied carbon on projects
Ask key hauliers and plant-hire firms for their emissions data and carbon plans	3 (Cat 4)	2027/28	Better Scope 3 data; favours lower-carbon suppliers

Governance and monitoring

Carbon is managed as part of the SHEQ system, not as a side project. Performance is reviewed against this plan on three cycles.

Cycle	Review	Owner
Monthly	Excel carbon dashboard updated from site fuel records and finance	SHEQ team, director sign-off
Quarterly	Progress against targets in the SHEQ review	SHEQ Manager
Annually	Data frozen, verified and reported (BITC NI and this plan), then reviewed at management review	Managing Director

AG Wilson follows the principles of PAS 2080 without formal certification. Early planning avoids rework, less idle time means less carbon and safer sites, plant is matched to the job, and coordinated deliveries cut both risk and emissions. This plan will be updated as data quality improves and Scope 3 reporting begins.



Declaration and sign-off

This Carbon Reduction Plan has been completed in line with PPN 006 and the associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in line with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol Corporate Standard. They use the appropriate UK Government Greenhouse Gas Conversion Factors for Company Reporting.

Scope 1 and Scope 2 emissions have been reported in line with SECR requirements. The required subset of Scope 3 emissions will be reported in line 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	
Name	Richard Chambers
Job title	Managing Director
Board approval date	30 th October 2026
Date signed	30 th October 2026
Next review	Within six months of the 30 April 2027 year end