

Wernick Group Carbon Reduction Plan

Supplier name: Wernick Group

Publication date: May 2025

Commitment to achieving Net Zero

Wernick Group is committed to achieving Net Zero emissions by 2040.



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.

2022 is the Wernick Group's carbon baseline. The Group consists of Wernick Buildings/Construction Ltd, Wernick Hire Ltd, Wernick Events Ltd, Wernick Power Ltd, Wernick Refurbished Buildings Ltd and Wernick AVDanzer Ltd. The Wernick Group has been measuring its carbon footprint since 2019 (across scope one and two) and has already reported on progress in group financial reports in line with the Streamlined Energy and Carbon Reporting (SECR) legislation. The Group re baselined in 2022 due to recent acquisitions and asset purchases. The Group acquired Andersons Engineering Ltd in 2023 and Rawley Plant Hire in 2024, the 2022 baseline has been updated to reflect these acquisitions.

Baseline year emissions: 2022

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	2,680*
Scope 2	717*
Scope 3 (Included Sources)	U/S transport (annual supplier questionnaire): 1057 Waste (national waste contract): 394 Business travel (internal expenses system): 22 Employee commuting (employee survey): 817 D/S transport (MCS procurement system): 3075
Total Emissions	8,762* (baseline updated due to Group acquisitions).

Current Emissions Reporting
Reporting Year: 2024

EMISSIONS	TOTAL (tCO ₂ e)
	NB. Wernick Group publish their carbon emissions based on the calendar year on an annual basis.
Scope 1	2698
Scope 2	727
Scope 3 (Included Sources)	Current scope 3 reporting covers the 5 PPN 06/21scope 3 categories, namely: Cat 4: U/S transport (annual supplier questionnaire): 1097 Cat 5: Waste (national waste contract): 44 Cat 6: Business travel (internal expenses system): 14 Cat 7: Employee commuting (employee survey): 827 Cat 9: D/S transport (MCS procurement system): 4233 NB. We are also measuring water use across the Group and associated scope 3 emissions for disposal and treatment.
Total Emissions	9,640

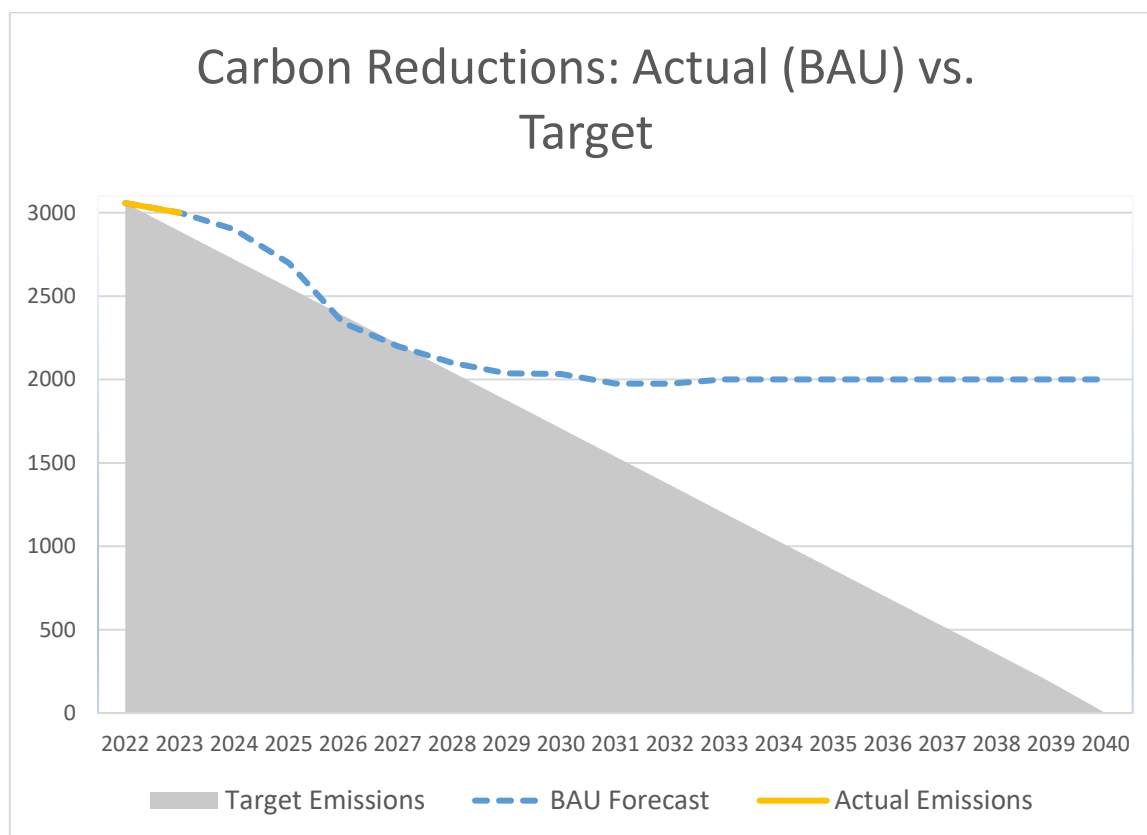
Emissions reduction targets

In order to continue our progress to achieving Net Zero by 2040, we have adopted the following carbon reduction targets. Ahead of the Government ambition of 2050, we have an interim target of 45% by 2030 (scopes 1 and 2) and a 90% target by 2040 (with the remaining residual emissions offset by nature-based solutions). We project that carbon emissions will decrease over the next 7 years to 1681 tCO₂e by 2030 equating to a reduction of 45%. From 2022 to 2024 overall Group emissions have plateaued, however this is due to further recent acquisitions (the baseline has been updated accordingly) and the transition from diesel to Plug in Hybrid Electric Vehicles. The delay in the roll out of the electrical vehicle charging infrastructure has meant lower battery utilisation across our fleet creating a lower mpg for company car travel. However the intensity of our emissions has reduced by 11% as turnover increases year on year summarised as below.

Group CO₂e intensity figures

Year	Intensity (TCO ₂ e/£k)
2022	0.017*
2023	0.016
2024	0.014

Progress against these targets can be seen in the graph below:



Carbon Reduction Projects



Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2022 baseline. The carbon emission reduction achieved by these schemes equates to 36 tCO₂e, with the measures being in effect when performing the contract. At a Group level we are working to a **clear roadmap** as set out within our detailed carbon management plan brochure ([Carbon-zero-brochure-2040-MAY23.pdf](#) (wernick.co.uk)).

Footprint reduction

Across our estate we have an ambitious plan to decarbonise and electrify our operational activities en route to achieving our net zero ambition. Firstly we have focused on our **highest energy** consuming sites where our manufacturing takes place and have adopted an energy hierarchy to reduce our emissions. In May 2023 installed two **Voltage Optimisation** units at our Kenfig factory. We have also installed a 90 kWp solar array at our York factory to increase our **renewable energy** generation, as well as a 118 kWp system at Kenfig, further detail can be found below.

Current and future planned projects

Site	Initiative	tCO ₂ e saved (per annum)
Kenfig (factory)	Solar panels: Generate 45,000 kWh per annum	9.5 t
	Additional (2024) solar: 118,000 kWh	8.3 t
	VO: 40,000 kWh reduction	25 t
York (factory)	Solar panels (installed Jan 2023): 78,000 kWh per annum	16.5 t
	Electrification of all forklift trucks	4 t

Langley Mill (office/factory)	Solar panels: Generate 12,000 kWh per annum	2.5t
Wickford (Head Office)	Solar panels: Generate 13,000 kWh per annum	2.7t
Wernick Hire Neath	Solar panels: Generate 62,000 kWh per annum	12.7t
Wernick Events (Winchester)	Solar panels: Generate 19,000 kWh per annum	3.9t

Other successful recent initiatives to date include:

- Our self generation capacity increased from 7% to 13% of our overall annual total energy requirements (solar generation).
- All company cars are now Plug in Hybrids only (**PHEV**).
- Continued with a full roll out of electric vehicle **charging** points across our 43 operating centres, completing in late 2025.
- Electrified our **forklift trucks** as part of an ongoing transition programme, all new electric forklifts are now default electric.
- Introduced vehicle **trackers** into all of our commercial fleet which has shown a significant improvement in driver behaviour/fuel **efficiency**.
- At our new sustainable **Head Office** building in Wickford we installed smart sockets to reduce electrical demand by **23%**.
- Provide electronic marketing literature to our customers, promoting digital by default.
- Adopted full **LED lighting** across all of our estate, with PIR in locations of frequent movement (lighting has also been calibrated with relevant day light hours/levels)
- All of our **timber suppliers** are FSC/PEFC certified (Wernick Buildings).
- An ambitious **property** programme for 2024/25, our major works programme will see our new office buildings with updated U values and solar installed as standard with active travel provision provided. In 2025 we will be installing our first operational net zero office (EPC A+) rated).
- Adopted a Group wide waste management standard operating model with AWS leading to a waste recovery/recycling rate of **98.7%**
- Delivered our first Climate awareness training sessions to Wernick Hire and WRB, further roll out across all Group management teams in 2025.
- Introduced re usable transport sheets to our modular system range including the PS Flex, PM Flex + and AV Flex as we aim to become single use plastic free across our operations.
- Undertaken Life Cycle Assessments (LCAs) of the Wernick modular systems, portable units and welfare range.
- Achieved Ecovadis Bronze rating, aiming for silver in 2025.

Manufacturing process



Our manufacturing operation at **Wernick Buildings** in Kenfig is certified to **ISO 14001** and **ISO 9001** by an accredited body (Wernick Hire and Wernick Power Solutions have achieved the same status). Manufacturing processes are based upon sound circular economy principles with the controlled conditions used to build the building modules ensuring that all materials used are optimised with almost nothing going to landfill. All residual material produced is either separated for onward recovery or recycled.

Our **refurbishment facility** in York extends the life of an asset by a further 10 years. At the factory we measure all of the waste generated and this is then segregated and either re used/recycled or recovered. At least 30%-50% of the original materials remain within a refurbished unit, reducing the need for new resources (and the associated embodied impact) and unnecessary wastage. The **embodied carbon** of a refurbished asset is significantly lower than that of a new build unit, in particular for steel which accounts for over 50% of the embodied carbon of a modular build ([WRB-technical-report-1.pdf](#))

Our 3 manufacturing facilities have completed net zero case studies (available upon request) demonstrating their approach in achieving operational net zero. A key project which was completed in collaboration with Swansea University was developing a whole life carbon modular system for a classroom, a summary of which is available here @ [Wernick partners with Swansea University to understand the Life Cycle carbon emissions of modular building systems - Wernick Group](#). We have also completed Life Cycle Analysis (LCAs) for our AV Flex, PS Flex and PM Flex+ modular systems, GreenSpace portable unit and welfare range of Groundhog welfare units, baselining the embodied carbon emissions of our fleet.

Further details of our accreditations can be found here at [Accreditations and certifications - Wernick Group](#).

Future plans (short to medium term)

Our exciting future plans will allow us to **transition** to a low carbon footprint whilst also providing **sustainable solutions** to our customers. We have further measures planned such as:

By 1st January 2023: (1 year, all completed)

- Wernick Group signed up to the **Pledge to Net Zero** campaign
- All new build offices to have **split metering** to aid with scope measurement
- Completed baseline 12-month **scope 3 data** collection across the group
- All of our invoicing and marketing literature is now completed electronically, championing our ambition to be **digital by default**

By 1st January 2024: (2 years, all completed)

- Increased solar generation capability across our estate to 417 kWp, generating **13% of our own renewable energy**
- All offices and factories now fitted with **low energy lighting**
- All offices now have double glazed windows
- All company cars transitioned to **plug-in hybrid electric vehicles**
- **Voltage Optimisation** units installed at Kenfig

By 1st January 2025: (3 years)

- Single use transportation sheets to be abolished across Wernick Hire and Wernick AVDanzer
- All locations to have **vehicle charging points**
- All operations / offices to be paperless so far as reasonably practicable
- All Management Teams and location managers (e.g. Depot Managers) to have **climate awareness training**
- All future new build offices to be built **energy positive EPC A+**
- All new forklift trucks to be full electric or an alternative low / zero emission solution

By 1st January 2030: (8 years)

- All new company vehicles to be **zero emission**
- All gas / fossil fuel heating to be either removed or transitioned to a lower carbon source (workshops and factories)
- 50% of all existing office buildings to be **energy positive A+ EPC**
- **Install 1 MW of solar capacity** across our estate.

By 1st January 2040: (18 years)

- All company premises, processes and operations (scopes 1-3) to be **net zero**.

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard 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 standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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) Standard³.

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

Signed on behalf of Wernick Group:

Jonathan Wernick (Chief Executive Officer).

Date: 23th May 2025

¹<https://ghgprotocol.org/corporate-standard>

²<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

³<https://ghgprotocol.org/standards/scope-3-standard>

Appendix A: Version Control

In order to keep effective track of amends and publication the below version control provides information for tracking.

Version	Title	Key Amends	Date Issued	Issued By
0.1	Draft issue	Full development	01.09.2022	Alexis Massey
1.01	First Issue	Issued for comment and approval	12.09.2022	Alexis Massey
1.01	Launch document	Available on website	16.09.2022	Alexis Massey
1.02	Annual review	Updated baseline and progress commentary	20.11.2023	Alexis Massey
1.03	Annual review	Updated performance and progress commentary	26.11.2024	Alexis Massey
1.04	Annual review	Updated performance and progress commentary	23.05.2025	Alexis Massey