

Supplier name: Firewood Ltd

Publication date: 04 February 2025

Commitment to achieving Net Zero

Firewood is committed to achieving Net Zero emissions by **2040**.

Baseline Emissions Footprint

Baseline Year: 01/10/2023 – 30/09/2024

Additional Details relating to the Baseline Emissions calculations.

This is the first year Firewood has measured its carbon emissions, which serves as our baseline year. Moving forward, Firewood is committed to reevaluating emissions annually, with a six-month progress assessment to review and adjust reduction projects.

- Firewood is a small company with fewer than ten employees.
- We do not own company vehicles, resulting in low Scope 1 emissions.
- Scope 3 emissions include business travel, employee commuting, home office energy use, waste, and capital goods.

Baseline year emissions:

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	1.9
Scope 2	2.3
Scope 3 (Included Sources)	6.5
Total Emissions	10.7

Emissions Reduction Targets

To continue our progress to achieving Net Zero, we project that carbon emissions will decrease over the next five years to 7.4 tCO₂e by **2029**. This is a reduction of **30.8%**.

Summary for Baseline Year

Category	Source	Emissions (tonnes CO ₂)
Scope 1	Natural gas heating	1.9
Scope 2	Electricity (office usage)	2.3
Scope 3		6.5
- Business Travel	Train travel	1.9
- Employee Commuting	Train/tube travel	0.3
- Energy	Home office usage	1.5
- Waste	Office waste	0.2
- Capital Goods	Laptops and office technology	2.6
Total Emissions	Scope 1 + Scope 2 + Scope 3	10.7

To achieve Net Zero, Firewood has established carbon reduction targets, utilising a linear reduction approach. To achieve a Net Zero by 2040, we predict that we will need to reduce our emissions by 0.669 tonnes of CO₂ per year, as seen in the equation below. We believe this is achievable and will allow us to take initiative to improve our emissions whilst accommodating company growth.

$$\text{Annual Reduction} = \frac{\text{Baseline} - \text{Target}}{\text{Years}} = \frac{10.7 - 0}{16} = 0.669 \text{ tonnes CO}_2 \text{ per year.}$$

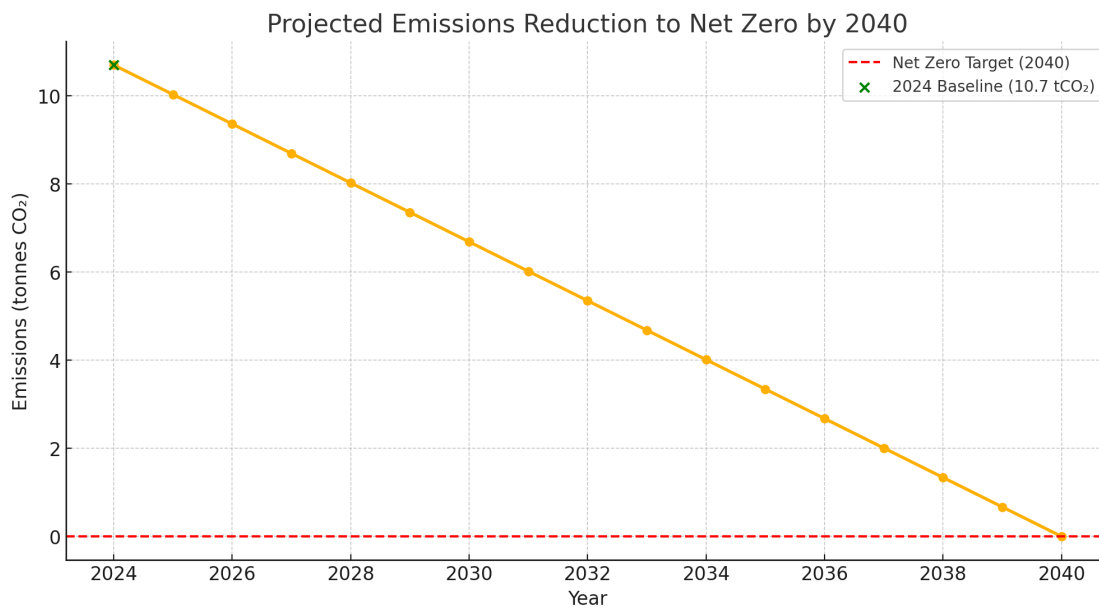
Taking this annual reduction of 0.669 tonnes of CO₂, we have forecasted our carbon emissions to be as shown in the table below.

Year	Projected Emissions (tonnes CO ₂)	% Reduction (from the baseline)
2024	10.7	0%
2025	10	7%
2026	9.4	12%
2027	8.7	19%
2028	8	25%
2029	7.4	31%
2030	6.7	37%

A more granular level breakdown is shown below.

Category	Emissions (tonnes CO2)						
	2024 (Baseline)	2025	2026	2027	2028	2029	2030
Scope 1 - Natural gas heating	1.9	1.8	1.7	1.5	1.4	1.3	1.2
Scope 2 - Electricity (office usage)	2.3	2.1	2.0	1.9	1.7	1.6	1.4
Scope 3 - Business Travel (Train travel)	1.9	1.8	1.7	1.5	1.4	1.3	1.2
Scope 3 - Employee Commuting (Train/tube travel)	0.3	0.3	0.3	0.2	0.2	0.2	0.2
Scope 3 - Energy (Home office usage)	1.5	1.4	1.3	1.2	1.1	1.0	0.9
Scope 3 - Waste (Office waste)	0.2	0.2	0.2	0.2	0.2	0.1	0.1
Scope 3 - Capital Goods (Laptops and office technol	2.6	2.4	2.3	2.1	2.0	1.8	1.6

A linear reduction graph is included below, illustrating our emissions trajectory from 10.7 tonnes CO₂e in 2024 to Net Zero by 2040.



Carbon Reduction Initiatives

As Firewood embarks on its inaugural year of measuring carbon emissions against its baseline. This milestone marks the beginning of a quantified journey towards environmental responsibility. While this is a new chapter in quantifying our impact, our commitment to social and environmental sustainability has long been integral to our values. These initiatives reflect our enduring dedication to sustainable practices and our ambitious path towards achieving Net Zero.

Completed Initiatives (FY 2023/2024):

- Designed and implemented an ESG policy, integrated into annual compliance training sessions.
- Developed and delivered training for employees on energy conservation and recycling best practices.
- Prioritised virtual meetings over travel, maintaining a maximum of three office-based days per week.
- Encouraged train travel over air travel, resulting in zero business flights during the year.

In-Progress Initiatives (Completion by FY 2024/2025):

- Promoting hybrid working to minimise unnecessary commuting.

- Installing sensor lighting in offices to automatically switch off lights when not in use for more than 20 minutes.
- Encouraging employees to opt for 100% renewable energy providers for home energy use.

Planned Future Initiatives:

The following initiatives are planned to take place in the next 5 years.

- Attaining ISO 14001 certification to formalise our environmental management practices.
- Transitioning to green energy sources for office operations.
- Exploring carbon offsetting programs to compensate for unavoidable emissions.
- Incorporating sustainability and carbon emissions considerations into procurement processes.
- Collaborate with organisations such as Forest Carbon for aiding the removal of carbon from the atmosphere.

These initiatives represent a cohesive strategy to significantly reduce Firewood's carbon emissions while embedding sustainability into our organisational culture. By addressing emissions across Scopes 1, 2, and 3, we predict a steady annual reduction of 0.669 tCO₂, enabling us to achieve our intermediate target of 6.7 tCO₂e by 2030 and Net Zero by 2040. As these efforts scale, we expect to see measurable benefits, including reduced energy costs, increased operational efficiency, and enhanced stakeholder trust. This plan ensures that Firewood remains accountable and proactive in tackling climate change.

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 (or equivalent management body).

Signed on behalf of the Supplier:



.....

Name: Tayyab Jamil

Position: Managing Director

Date:04/02/2025.....

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>