

Shoosmiths LLP Carbon Reduction Plan 2021/2022

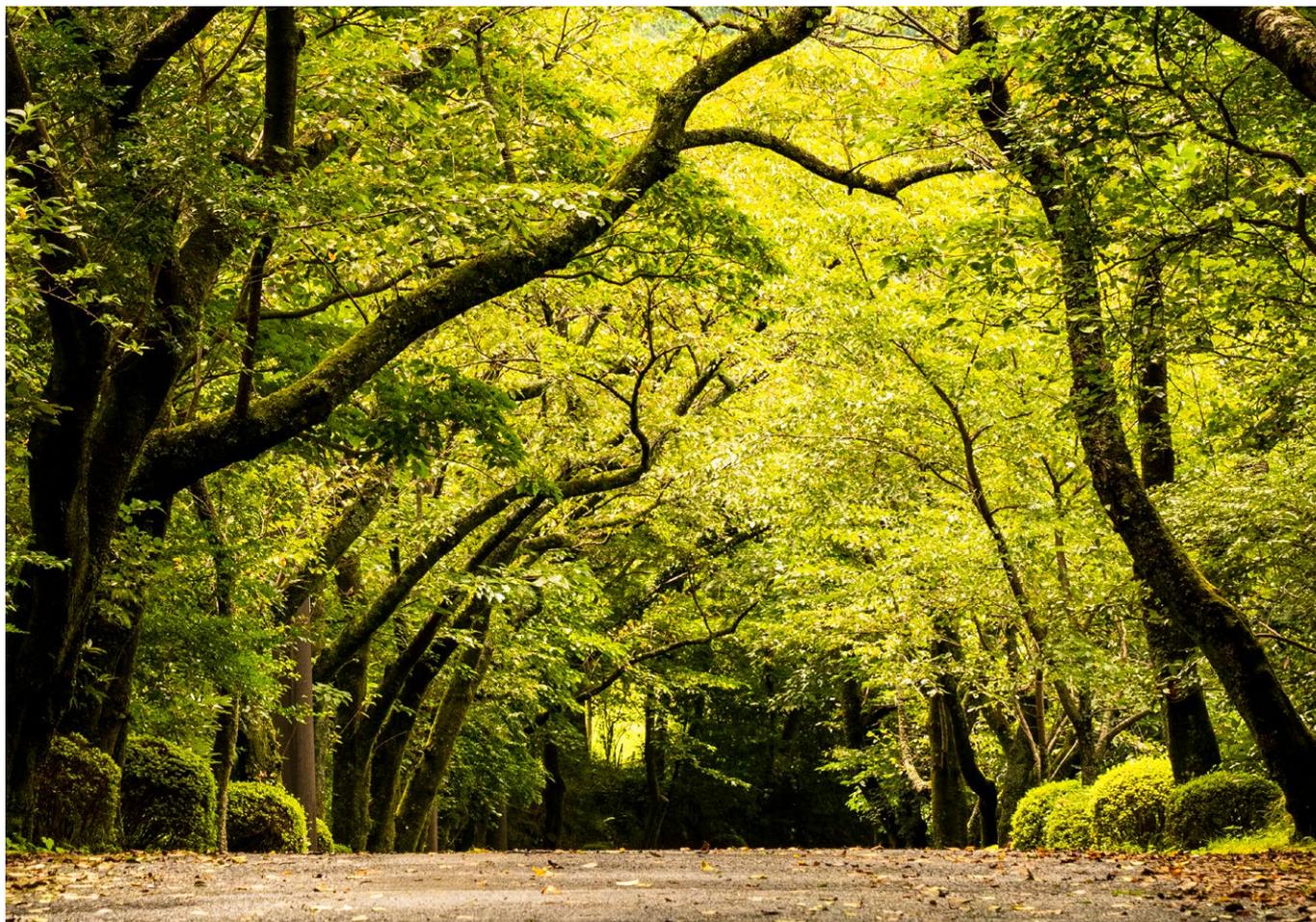
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Commitment to achieving net zero

Shoosmiths LLP is part of the Business Ambition for 1.5°C and UNFCCC Race to Zero campaign. It is committed to achieving net zero emissions by 2050 at the latest.

This is Shoosmiths' first annual Carbon Reduction Plan and was produced for our 2021/2022 financial year which ran from 1 May 2021 to 30 April 2022. Activities relate to the 2021/2022 period, with the exception of the explanation included about the 2040 net zero target date which was approved by the Shoosmiths board in July 2022, and which is to be submitted to the Science Based Targets initiative (SBTi) for validation.

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: 2019/2020

Additional details relating to the baseline emissions calculations.

Scope 1 emissions measured: natural gas consumption for heating offices, refrigerant gas used in office air-conditioning units, one back-up diesel generator and a company-leased vehicle.

Scope 2 emissions measured: electricity consumption for offices (location-based and market-based).

Scope 3 emissions measured: categories 1 (purchased goods and services), 2 (capital goods) 3 (transmission and distribution losses), 5 (waste, water), 6 (air, rail, road, sea), 7 (employee commuting).

Baseline year emissions:

Emissions	TOTAL (tCO ₂ e)
Scope 1	93.1 tCO ₂ e
Scope 2	Location-based = 689.3 tCO ₂ e Market-based = 240.4 tCO ₂ e
Scope 3 (Included sources)	<ol style="list-style-type: none"> 1. Purchased goods and services = 6,876.8 tCO₂e 2. Capital goods = 2,784.8 tCO₂e 3. Fuel and energy-related activities (not included in scope 1 or 2) = 58.5 tCO₂e 4. Upstream transportation and distribution = 0 tCO₂e * 5. Waste generated in operations = 12.4 tCO₂e 6. Business travel = 754.5 tCO₂e 7. Employee commuting = 1,539.7 tCO₂e 9. Downstream transportation and distribution = 0* tCO₂e <p>*Shoosmiths does not have upstream or downstream transportation and distribution. = 12,026.9 tCO₂e</p>
Total emissions	Scope 1, scope 2 (location-based), scope 3 = 12,809.2 tCO ₂ e Scope 1, scope 2 (market-based), scope 3 = 12,360.3 tCO ₂ e

Current emissions reporting

Reporting Year: 2021/2022	
Emissions	TOTAL (tCO ₂ e)
Scope 1	54.6 tCO ₂ e
Scope 2	Location-based = 532.9 tCO ₂ e Market-based = 72.3 tCO ₂ e
Scope 3 (Included sources)	<ol style="list-style-type: none"> 1. Purchased goods and services = 7,860.9 tCO₂e 2. Capital goods = 6,706.4 tCO₂e 3. Fuel and energy-related activities (not included in scope 1 or 2) = 47.2 tCO₂e 4. Upstream transportation and distribution = 0 tCO₂e * 5. Waste generated in operations = 8.5 tCO₂e 6. Business travel = 292.6 tCO₂e 7. Employee commuting = 1,152.2 tCO₂e (i.e., 528.4 tCO₂e = commute to work and 623.8 tCO₂e = employee homeworking) 9. Downstream transportation and distribution = 0* <p>*Shoosmiths does not have upstream or downstream transportation and distribution. = 16,067.6 tCO₂e</p>
Total emissions	Scope 1, scope 2 (location-based), scope 3 = 16,655.1 tCO ₂ e Scope 1, scope 2 (market-based), scope 3 = 16,194.5 tCO ₂ e

Scope 1 emissions measured: natural gas consumption for heating offices and refrigerant gas used in office air-conditioning units. During this period the back-up diesel generator was not used and there were no company-leased vehicles.

Scope 2 emissions measured: electricity consumption for offices (location-based and market-based).

Scope 3 emissions measured: categories 1 (purchased goods and services), 2 (capital goods), 3 (transmission and distribution losses), 5 (waste, water), 6 (air, rail, road, sea, hotel stays), 7 (employee commuting and working from home emissions).

To note in 2021/2022 scope 3 emissions also included hotel stays and working from home which were not measured in 2019/2020.

Shoosmiths' total GHG emissions (scope 1, scope 2 (market-based), scope 3)

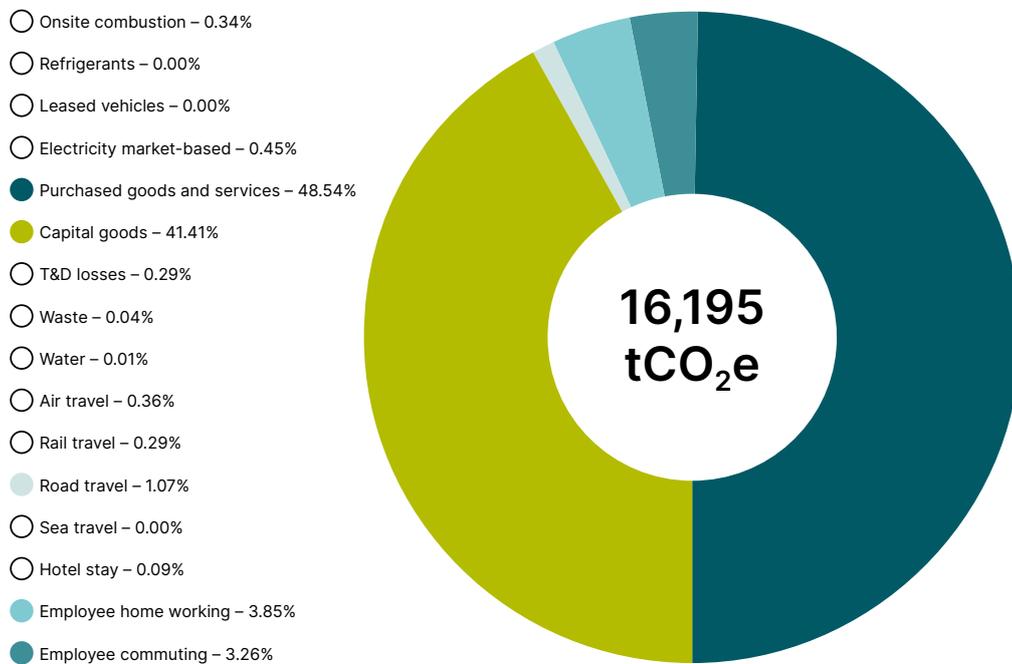


Figure 1 – Percentage split between emission sources (market-based)

Shoosmiths' total GHG emissions (Scope 1, Scope 2 (location-based), Scope 3)

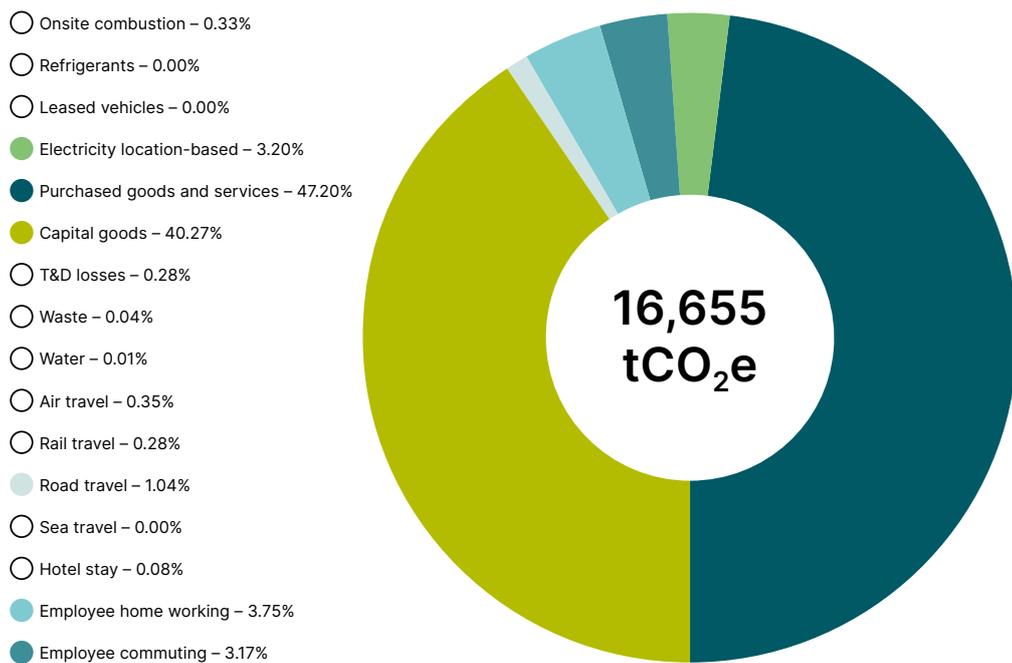


Figure 2 – Percentage split between emission sources (location-based)

Emissions reduction targets

In order to continue our progress to achieving net zero, we have adopted the following carbon reduction targets:

Shoosmiths announced in January 2020 its aim for its operations (scope 1, 2 emissions) to achieve net zero status by 2025. (Not SBTi validated and stated prior to publication of SBTi corporate net zero standard).

Shoosmiths has near-term science-based emissions targets validated by the SBTi namely:

Shoosmiths commits to reductions across its entire value chain to reduce absolute scope 1, 2 and 3 Greenhouse Gas Emissions 50% by FY2030 from an FY2020 base year; and to increase annual sourcing of renewable electricity from 74% in FY2020 to 100% by FY2025.

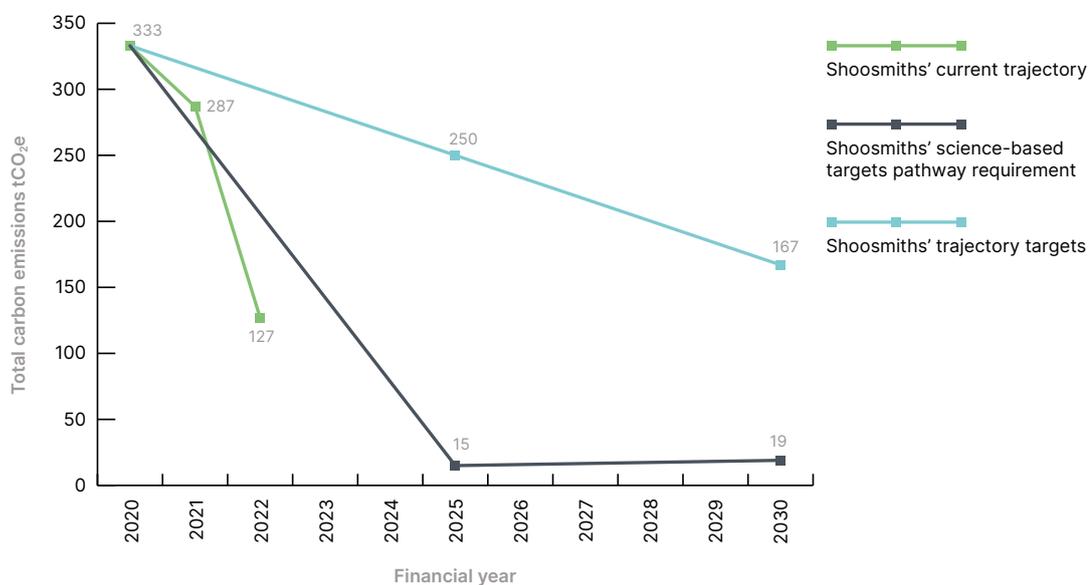
Shoosmiths is to submit a proposed target date of 2040 for its entire value chain to the SBTi for validation. The target will be stated and published once SBTi validation has been achieved.

We project that scope 1 and 2 (market-based) carbon emissions will decrease during the five-year period between 2019/2020 to 2025 from 333.5 tCO₂e to 19 tCO₂e by 2025. This is a reduction of 94%.

Projections for these targets can be seen in the graphs below and are based on data available for 2019/2020, 2020/2021 and 2021/2022.

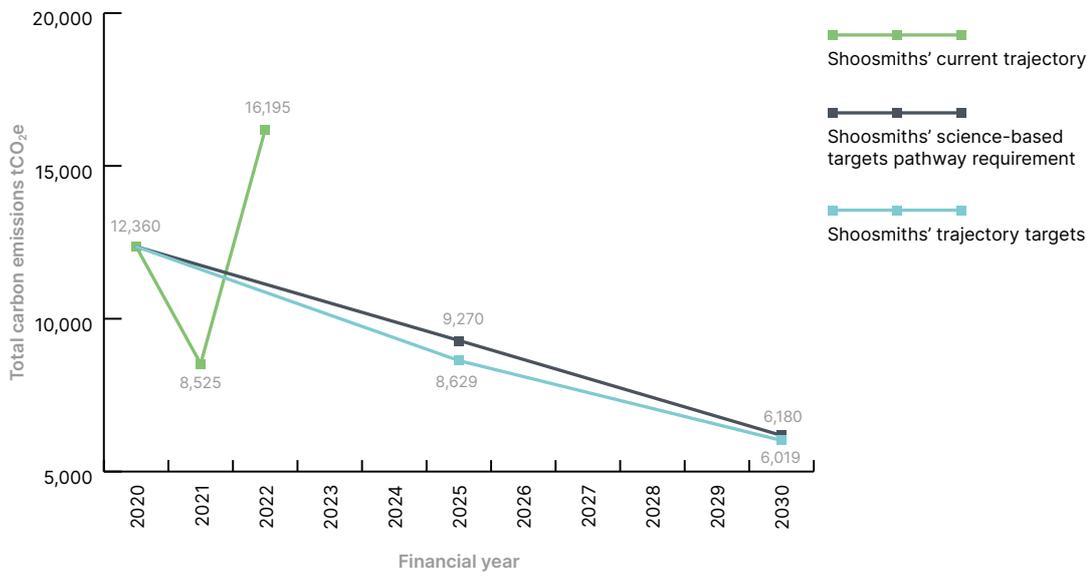
Shoosmiths' emissions trajectory – scopes 1 and 2

Operational net zero by 2025

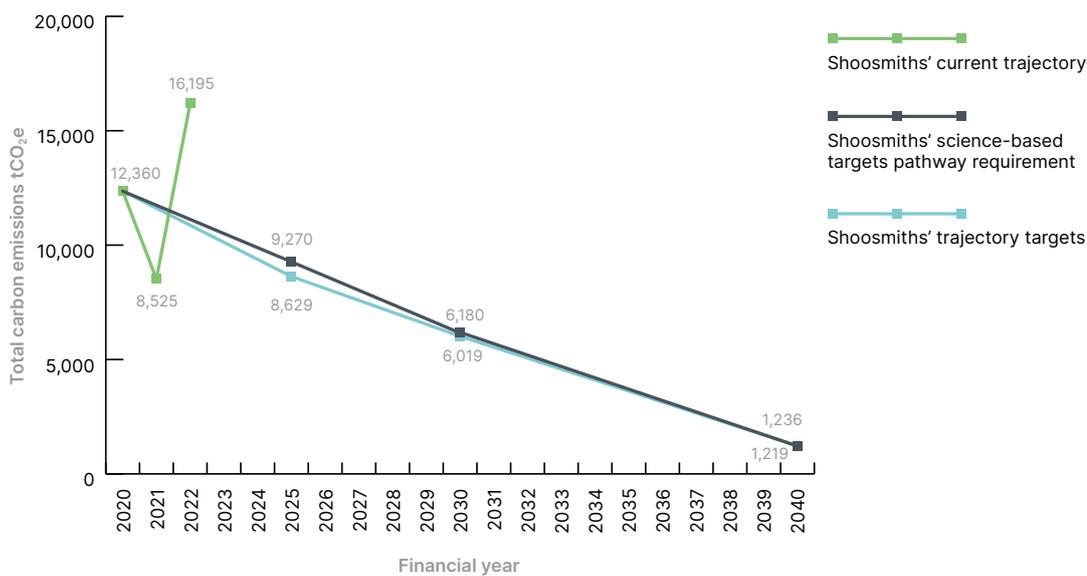


We also publish below current projections for scopes 1,2,3 emissions. The trajectories were calculated based on 2019/2020 to 2021/2022 data. A recent review of 2019/2020 onwards data particularly for scopes 3 category 1 (purchased goods and services) and category 2 (capital goods) has resulted in the need to submit revised baseline data to the SBTi as part of our proposed net zero target submission to the SBTi.

Shoosmiths' SBTi validated 2030 target and emissions projection



Shoosmiths' proposed net zero 2040 target



Carbon reduction projects

Completed carbon reduction initiatives

The following environmental management measures and projects have been completed or implemented since the 2019/2020 baseline. The carbon emission reduction achieved by these schemes equates to 206.6 tCO₂e, a 62% reduction for scopes 1 and 2 (market-based) emissions against the 2019/2020 baseline and the measures will be in effect when performing client contracts.

Shoosmiths is a signatory of the Business Ambition for 1.5°C and UNFCCC Race to Zero campaign. Shoosmiths has SBTi validated near-term science-based reduction targets published on the SBTi website and plans to submit to the SBTi a net zero target for the entire value chain.

Shoosmiths is a signatory to other net zero related initiatives:

- Reading Climate Action Network
- Zero Carbon Manchester
- West Midlands Net Zero Business Pledge
- British Property Federation Net Zero Pledge
- Legal Sustainability Alliance's Legal Renewables Initiative

- We produce annual energy and carbon reports within our annual Directors' Reports in line with the Companies (Directors' Report) and Limited Liability Partnerships (Energy and Carbon Report) Regulations.
- We undertook energy efficiency audits in 2019 in line with the Energy Savings Opportunity Scheme Regulations and work is underway for 2023 compliance.
- Expanding the coverage of our scope 1, 2 and 3 emissions measurement including reporting both scope 2 market-based and location-based electricity related emissions, and within scope 3 reporting on emissions associated with our purchased goods and services, commute to work, home working and in 2021/2022 including hotel stays.
- Strategic review undertaken to determine our long-term net zero strategy. This included an assessment of Shoosmiths' physical, and transition climate-related risks and opportunities aligned to the recommendations of the Taskforce on Climate-related Financial Disclosures (TCFD).
- In 2021/2022, 93% of our total electricity usage had renewable electricity certificates. If we include the procurement of renewable gas alongside renewable electricity, 91% of Shoosmiths' overall energy usage (electricity and gas) was procured through renewable energy.
- Flexible working based on output not occupancy ethos.
- We operate a [sustainable travel policy](#) which includes an internal carbon levy charged against all business flights.

We have commenced asking key suppliers to provide us with carbon footprint data and details of their approaches to reducing their emissions.

We provide training resources and updates to employees about our approach and how they can assist our net zero aspirations. This includes opportunities to reduce emissions at home through our HR benefits offer.

In the future we plan to implement further measures such as:

- Continue to review opportunities to reduce carbon emissions associated with our operations. This includes the installation of photovoltaic panels at our office in Northampton.
- Achieve and maintain 100% renewable energy for electricity and gas.
- Continue to engage with our supply chain encouraging the measurement and reporting of emissions associated with our business and the setting of science-based emissions reduction targets that lead to reductions in suppliers' scopes 1 and 2 emissions.
- Raising awareness and upskilling our staff to demonstrate the opportunities associated with progressing our net zero aspirations.
- Introduction of an employee bonus scheme which will include a metric to assist our net zero aspirations.

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.

Shoosmiths emissions are reported and recorded in accordance with the GHG Reporting Protocol corporate standard [1]. The calculations use the appropriate Government emission conversion factors for greenhouse gas company reporting [2] and The Scope 3 Evaluator tool developed by GHG Protocol and Quantis [3]. Data has been collated through several mechanisms including extrapolating home working and commuting data from annual questionnaires to Shoosmiths employees and using third-party data collection tools for business travel (Inntel and ClickTravel Booking Analysis) and waste (FISco). Where primary data was not available, Shoosmiths has used financial spend as an alternative in line with reporting standards. Scope 1 and 2 emissions have been reported in accordance with SECR requirements and the required subset of scope 3 emissions for Carbon Reduction Plans have been reported in accordance with the Technical Standard for the Completion of Carbon Reduction Plans [4] and the Corporate Value Chain (Scope 3) Standard [5]. The Carbon Reduction Plan template [6] has been used. The framework for target setting across all three scopes, and the boundary for including relevant scope 3 emissions, follows the SBTi's Corporate Net-Zero standard [7].

1. <https://ghgprotocol.org/corporate-standard>
2. <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>
3. <https://ghgprotocol.org/ghg-emissions-calculation-tool>
4. https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/991625/PPN_0621_Technical_standard_for_the_Completion_of_Carbon_Reduction_Plans_2_.pdf
5. <https://ghgprotocol.org/standards/scope-3-standard>
6. https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1053009/PPN-0621-Carbon-Reduction-Plan-Template-Jan22.odt
7. <https://sciencebasedtargets.org/resources/files/Net-Zero-Standard.pdf>

This approved statement has been signed on behalf of the members by

David Jackson
Chief Executive

Peter Duff
Chairperson

Shoosmiths LLP

Date: 11 November 2022

DISCLAIMER

This information is for educational purposes only and does not constitute legal advice. It is recommended that specific professional advice is sought before acting on any of the information given. Based on the information available to us, the data is correct at the time of publishing.

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