



The Shropshire Doctors' Co-operative Limited

CARBON REDUCTION PLAN



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INTRODUCTION

This Carbon Reduction Plan has been developed to meet the requirements of Procurement Policy Note PPN06/21; “Taking Account of Carbon Reduction Plans in the procurement of major government contracts”, published in June 2021.

The Shropshire Doctors’ Co-operative Limited (trading as Shropdoc) financial year starts on 01/04/2023 to 31/03/2024. As this is the first year carbon reporting has been undertaken, the carbon reporting baseline year has been set at 2023/24.

The Shropshire Doctors’ Co-operative Limited commits to achieving NET ZERO by 2045

ABOUT

Shropdoc are a not for profit company, limited by guarantee. Established in 1996, Shropdoc was organised and governed by GPs for the purpose of providing medically necessary care to the population of Shropshire and surrounding counties out-of-hours (OOH) on behalf of its members.

Shropdoc are working towards a full Scope 1, 2 & 3 pathway to Net Zero which will be reviewed at board level.



This report was produced by What's the Payback Limited. It was written by Paul Bleasdale. Paul Bleasdale has a MSc in Energy and Sustainable development (Distinction), is a qualified ESOS Lead Assessor and has over 14 years experience as an energy and low carbon consultant.

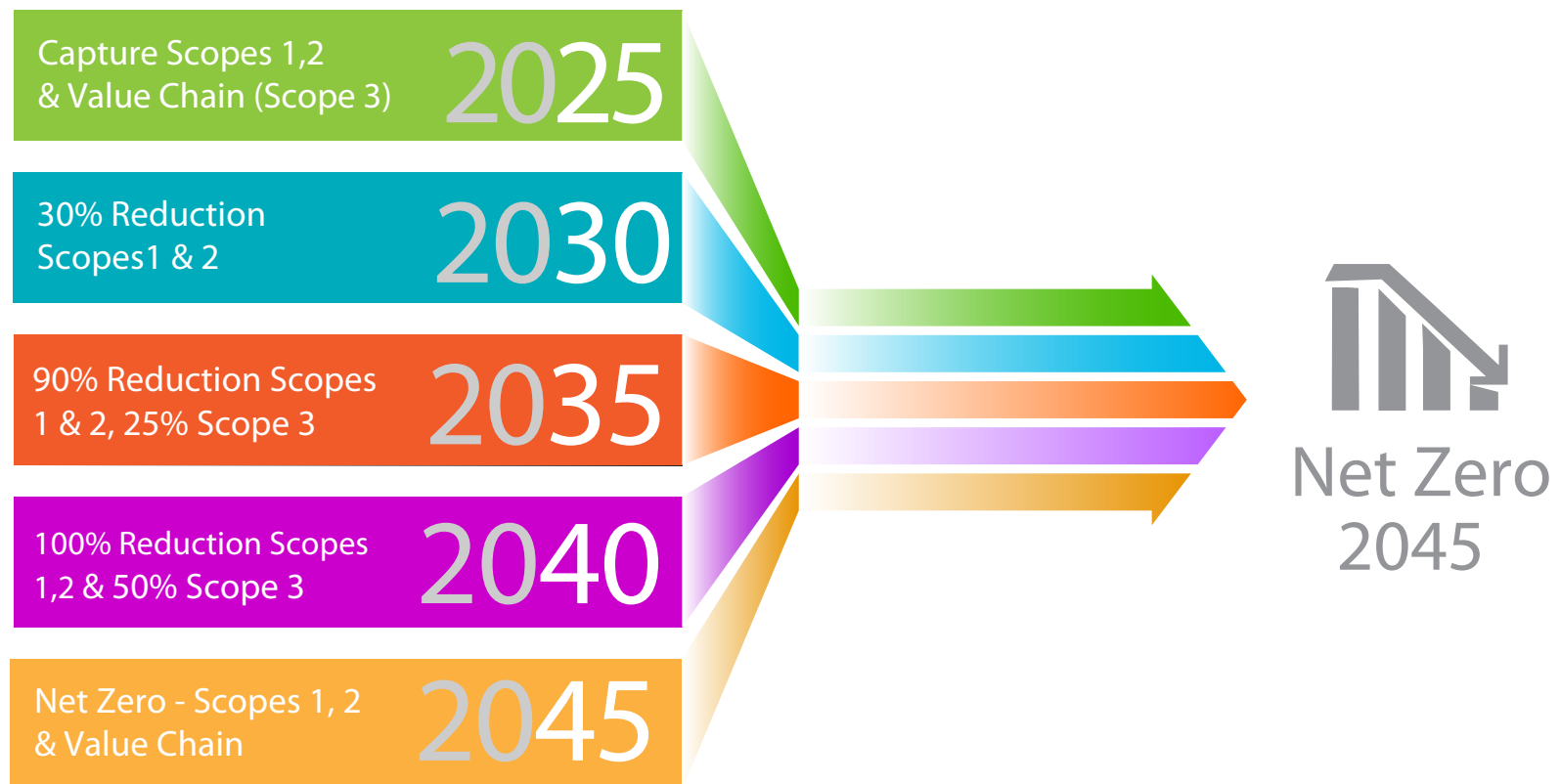
EMISSION REDUCTION TARGETS

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

Shropdoc is committed to achieving Net Zero scope 1 & 2 carbon emissions by 2045 only offsetting residual emissions.

We project that carbon emissions will decrease over the next five years to 55.18 tCO₂e by 2030. This is a reduction of 32%

We refer to our scope 1 and 2 carbon emissions as our operational carbon, as it relates to our own use of energy for our own operations and is under our control. We will achieve net zero for scope 1 and 2 by 2045. We are aiming to achieve this target only offsetting residual carbon. We will achieve net zero across our value chain carbon (scope 3) by 2045. As part of our pathway to net zero we will achieve a number of interim targets as below.



METHODOLOGY

Incorporate net zero management into current management systems. Engage stake holders across the organisation to enable positive company wide change.



BASELINE EMISSIONS FOOTPRINT

Baseline Year: Shropdoc Financial Year 2023/24 (01/04/2023 to 31/03/2024)

Control Type: Operational

The supplier reports on all sources of carbon emissions over which it has operational control. The supplier is deemed to have operational control over a service if it has full authority to introduce and implement its operating policies.

Baseline year emissions:



Reporting Year							
UK & Global	TOTAL (tCO2e)	CO2 (mt)	CH4 (mt)	N2O (mt)	HFCs (mt)	PFCs (mt)	SF6 (mt)
Scope 1	57.29	56.94	0.20	0.14	0.00	0.00	0.00
Scope 2	23.74	23.50	0.10	0.14	0.00	0.00	0.00
Scope 3	228.84						
Base Year							
EMISSIONS	TOTAL (tCO2e)	CO2 (mt)	CH4 (mt)	N2O (mt)	HFCs (mt)	PFCs (mt)	SF6 (mt)
Scope 1	57.29	56.94	0.20	0.14	0.00	0.00	0.00
Scope 2	23.74	23.50	0.10	0.14	0.00	0.00	0.00
Scope 3	228.84						

CURRENT EMISSIONS REPORTING

Reporting Year: Shropdoc Financial Year 2023/24 (01/04/2023 to 31/03/2024)

EMISSIONS BREAKDOWN BY SCOPE		2023
		tCO ₂ e
Scope 1		57.3
Scope 2 (location based)		23.7
Scope 2 (market based)		23.7
Scope 3		228.84
Total Gross Scope 1 & 2 (Location) tCO ₂ e		81.0
Total Gross Scope 1 & 2 (Market Based) tCO ₂ e		81.0
Total Scope 1, 2 (Location) & 3 tCO ₂ e		309.9
Intensity Metric tCO ₂ e/employee		1.4
Scope 1: Controlled Vehicles - kWh		216953.0
Scope 1: On-site Vehicles - kWh		0.0
Scope 1: Onsite fuel (Mains Gas) - kWh		35674.0
Scope 1: Onsite Fuels (Other)* - kWh		0.0
Scope 2: Electricity - kWh		114647.0
Scope 3 Grey Fleet Transport - kWh		8401.8
Total (kWh)		375675.8

CURRENT EMISSIONS REPORTING

Over 88% of Scope 1 emissions are attributable to diesel and petrol combustion. Petrol and diesel combustion accounted for over 62% of scope 1 & 2 emissions.

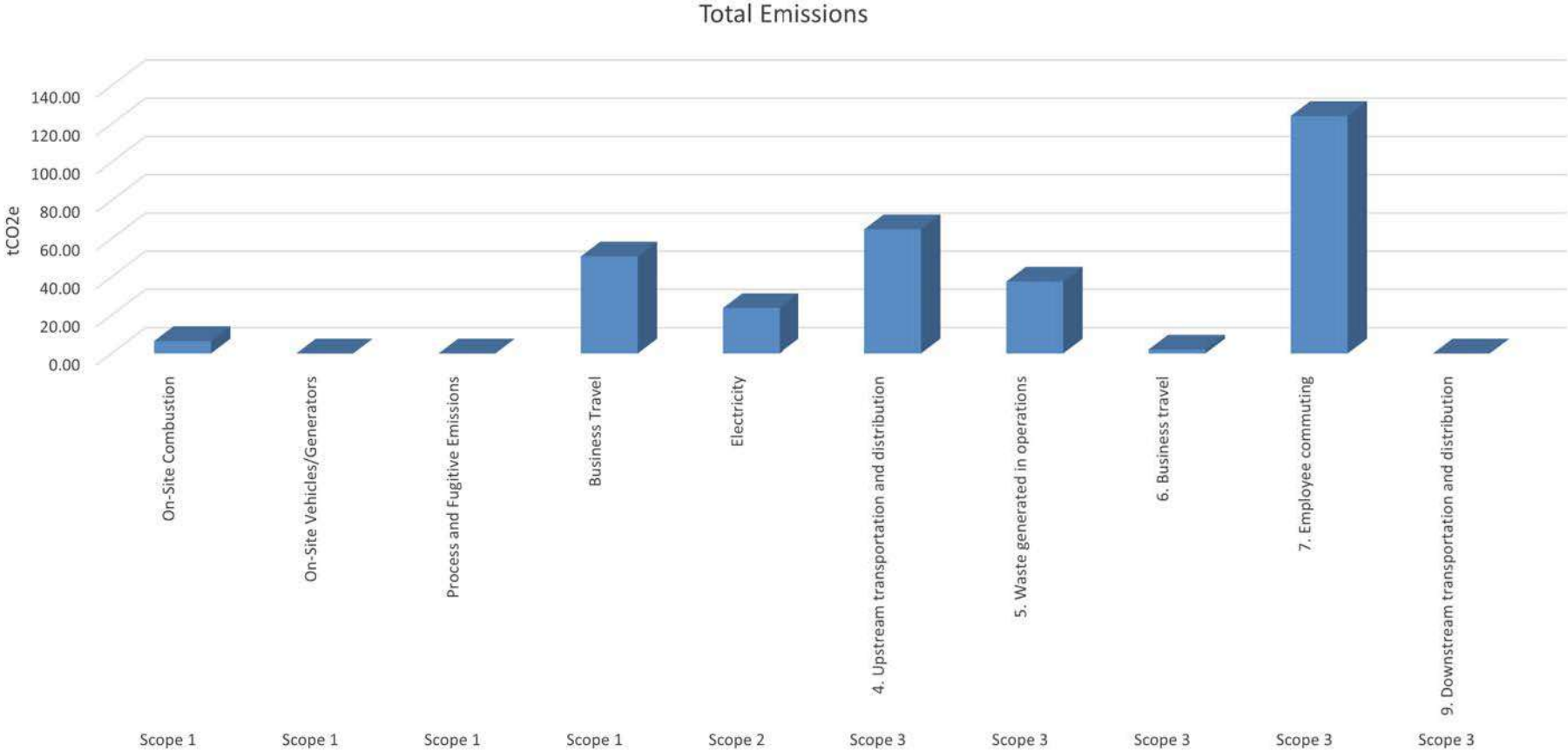


Figure 1.1

EMISSION BREAKDOWN

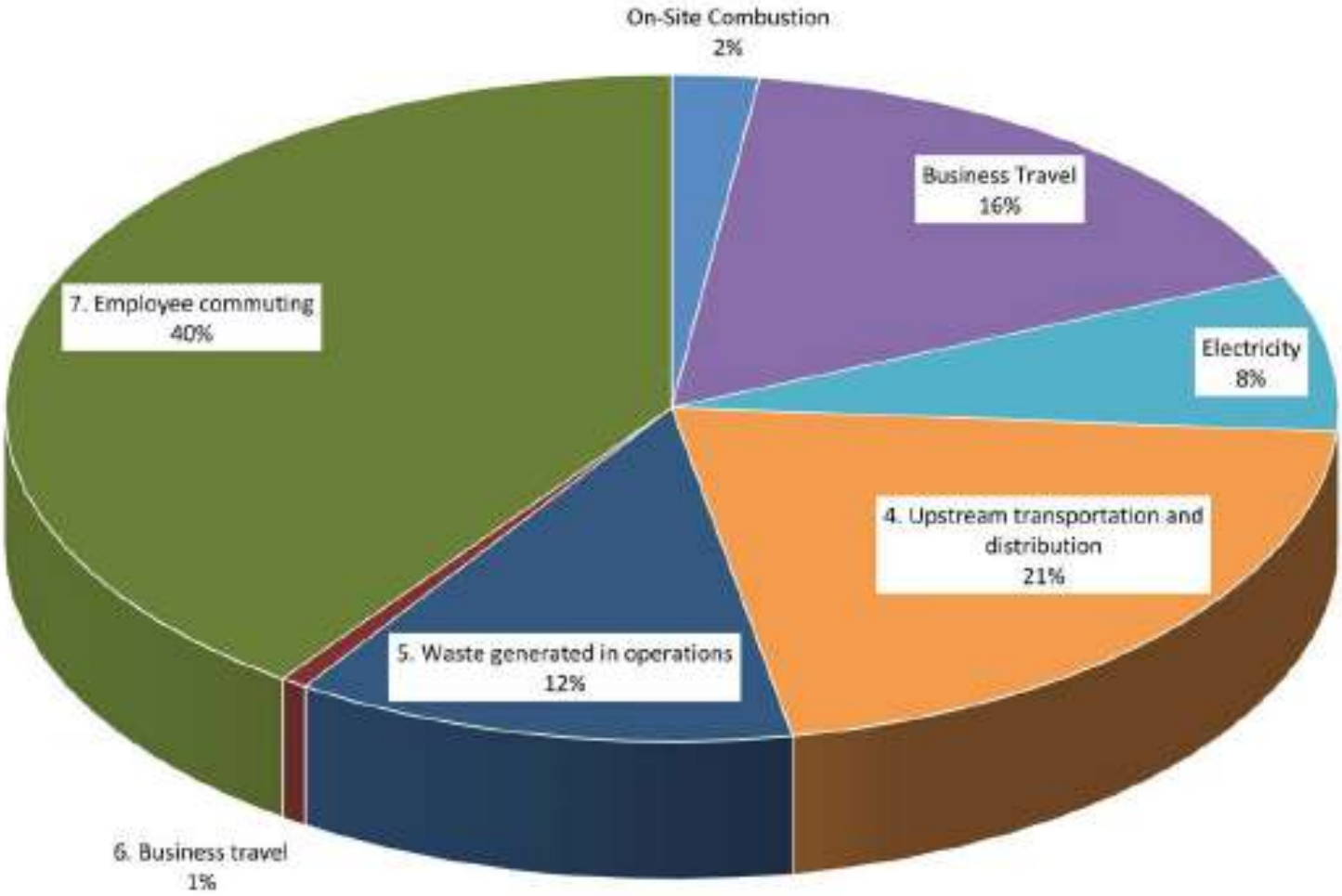


Figure 1.2

SCOPE 3 CARBON (VALUE CHAIN)

We will be developing a robust, clear and consistent reporting methodology for our carbon data for scope 3 and will be reporting fully in our pathway to net zero in 2024. On completion of the pathway to net zero work we will be able to clearly detail the data sources, emissions types and how they interact with reportables such as the Carbon Reduction Plan. It is our intention to fully map out our value chain and to identify and report scope 3 emissions that are significant, quantifiable and offer tangible opportunities for reduction through our actions and choices. Preliminary work has identified the following scope 3 categories (of which there are 15) that we intend to map, report and reduce.

4. Upstream transportation and distribution

5. Disposal and treatment of waste generated in operations

6. Business travel in vehicles not owned or operated by the company

7. Commuting (in vehicles not owned by the company)

9. Downstream transportation and distribution

OFFSETTING

At Shropdoc, we have committed to achieving net zero across all three greenhouse gas emissions scopes, including all of the energy that we use and carbon we emit, by no later than 2045. However, for all the energy and carbon emitted as part of scopes 1 and 2, we will achieve net zero by 2035, if feasible we aim to do this without needing to offset. At Shropdoc, offsetting is a last step and will not be prioritised over making real reductions in carbon emissions and will only be undertaken where the offset arrangements meet our moral, ethical and sustainability expectations. Between now and 2035, scope 1 & 2 emissions will be offset to achieve carbon neutrality.

PROGRESS TO NET ZERO

Figure 1.4 charts our actual and projected emission reductions towards Net Zero 2045 and beyond. We believe that as our business maturity in carbon grows our ability to accelerate the carbon reductions through improved commercial arrangements and availability of enhanced technology in other sectors will also be improved. We propose to fully electrify our fleet by no later than 2035. We will work with our landlords replace gas heating with heat pump in our Presteigne Medical centre.



Figure 1.3

SCOPE 3

Scope 3 Category	Description	Minimum boundary	Data Provided	Future Actions
4. Upstream transportation and distribution	Transportation and distribution of products purchased by the reporting company in the reporting year between a company's tier 1 suppliers and its own operations (in vehicles and facilities not owned or controlled by the reporting company) Transportation and distribution services purchased by the reporting company in the reporting year, including inbound logistics, outbound logistics (e.g., of sold products), and transportation and distribution between a company's own facilities (in vehicles and facilities not owned or controlled by the reporting company)	The scope 1 and scope 2 emissions of transportation and distribution providers that occur during use of vehicles and facilities (e.g., from energy use) Optional: The life cycle emissions associated with manufacturing vehicles, facilities, or infrastructure	Data provided was limited to cost spent over the reporting year for purchased goods.	Engage supply chain to set up a robust reporting system tracking upstream transportation and distribution.
5. Waste generated in operations	Disposal and treatment of waste generated in the reporting company's operations in the reporting year (in facilities not owned or controlled by the reporting company)	The scope 1 and scope 2 emissions of waste management suppliers that occur during disposal or treatment Optional: Emissions from transportation of waste	Limited data provided. Office waste data estimated by number of employees. Electrical waste data provided.	Engage waste collection companies to establish system of data recording.
6. Business travel	Transportation of employees for business-related activities during the reporting year (in vehicles not owned or operated by the reporting company)	The scope 1 and scope 2 emissions of transportation carriers that occur during use of vehicles (e.g., from energy use) Optional: The life cycle emissions associated with manufacturing vehicles or infrastructure	Miles claimed recorded.	Request staff provide further details on vehicle types.
7. Employee commuting	Transportation of employees between their homes and their worksites during the reporting year (in vehicles not owned or operated by the reporting company)	The scope 1 and scope 2 emissions of employees and transportation providers that occur during use of vehicles (e.g., from energy use) Optional: Emissions from employee teleworking	Survey completed. 69 responses received.	Engage all staff to complete survey. Update annually.
9. Downstream transportation and distribution	Transportation and distribution of products sold by the reporting company in the reporting year between the reporting company's operations and the end consumer (if not paid for by the reporting company), including retail and storage (in vehicles and facilities not owned or controlled by the reporting company)	The scope 1 and scope 2 emissions of transportation providers, distributors, and retailers that occur during use of vehicles and facilities (e.g., from energy use) Optional: The life cycle emissions associated with manufacturing vehicles, facilities, or infrastructure	Shropdoc is a service company and does not supply goods and products.	N/A



C A R B O N R E D U C T I O N P R O J E C T S

Current projects on our pathway to Net Zero include:

- Commitment to fully electricfy fleet by 2035.

Completed carbon reduction projects:

- LED lighting with smart controls
- Replaced older climate control with energy efficient models
- Owned vehicle fleet now all hybrid electric
- Cycle to work scheme for all employers
- Work from home for certain roles

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:

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Date:

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>