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PPN-COMPLIANT CARBON FOOTPRINT ANALYSIS

prepared for

AW Medical Supplies

Reporting Year End
31 August 2022

Dear AW Medical Supplies Team,

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Thank you for choosing Positive Planet to measure your carbon footprint.

We have enjoyed working with you, learning about your organisation, and helping you understand how to reduce the environmental impact of your business emissions.

Reducing your emissions takes time. The current guidance is to aim to reduce your emissions by at least 50% by 2030, a further 50% by 2040, and a final 50% by 2050. With this approach, AW Medical Supplies would be emitting just 12.5% of its baseline emissions by 2050 - it is not feasible to contribute zero emissions.

If you would like to investigate your full greenhouse gas emissions inventory or discuss detailed carbon reduction strategies, please let us know.

Adam White | Founding Partner, Positive Planet

December 2022

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Report Contents

Calculating Your Carbon Footprint

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In this carbon footprint analysis, AW Medical Supplies's annual carbon footprint* is calculated in tonnes of carbon dioxide equivalent (tCO_2e).
This measurement accounts for the emission of all 7 greenhouse gases noted in the UNFCC Kyoto Protocol along with their relative global warming potential values (GWP), as recommended by The Greenhouse Gas Protocol and the UK Government Public Procurement Notice 06/21.

To calculate your carbon footprint, Positive Planet measures emissions of the following gases:

Carbon Dioxide

CO_2

Methane

CH_4

Nitrous Oxide

N_2O

F-Gases

HFCs PFCs
SF_6 NF_3

GWP is the emissions factor which accounts for the variable potency and atmospheric lifetime of each GHG emitted, and converts this to the equivalent amount of carbon dioxide over a 100-year period.

* In this assessment, AW Medical Supplies's annual carbon footprint refers to the emissions from Scope 1 (full), Scope 2 (full), and Scope 3 (partial: category 4, 5, 6, 7, 9). As this omits some Scope 3 emissions (categories 1, 2, 3, 8, 10, 11, 12, 13, 14), your organisation's full carbon footprint may vary from this result. When you are ready to investigate your full emissions inventory, please contact our team.

Methodology

When collecting AW Medical Supplies's data, each aspect was scored for quality to validate the accuracy of the carbon footprint before proceeding. The reported data was approved using the Data Quality Matrix, and has informed this Carbon Footprint Analysis.

AW Medical Supplies's raw data was then converted from its original values (e.g. kWh) into tCO_2e by multiplying the respective figures by published emissions factors for the relevant year. Most often, we use emissions factors published by HM Government to obtain the equivalent carbon dioxide emissions. When a value is given as " X " it was not recorded in the assessment due to lack of materiality. Values given as " 0.0 " have been measured at less than $0.05tCO_2e$.

Each report we produce is completed in accordance with the GHG Protocol Accounting and Reporting Standards, which are the most widely recognised global standards for emissions reporting. The thorough methodology and approach we apply are informed by the strong sector knowledge of our team, and have been validated by leading academics at Manchester Metropolitan University.

The comprehensive greenhouse gas emissions inventory and Carbon Footprint Analysis we have provided will enable AW Medical Supplies to confidently report and publish its carbon emissions.

This PPN-Compliant Carbon Footprint Analysis contains a full assessment of AW Medical Supplies's annual Scope 1 and Scope 2 GHG emissions for the year ending 31 August 2022, along with the five required Scope 3 categories to achieve PPN compliance. It therefore fulfils the standards required by the HM Government Public Procurement Notice (06/21) and asserts your organisation's commitment to supporting a sustainable future.

Emissions Scopes: Explained

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Using the information you provided combined with the latest peer-reviewed research and published guidelines, we have calculated the annual carbon emissions of AW Medical Supplies.

Your business emissions are described and measured in three different Scopes: 1, 2, & 3.
We have broken down the differences between each Scope for you below:

Scope 1

Direct Emissions

Your direct emissions come from things such as your company vehicles, buildings, and facilities.

Scope 2

Indirect Emissions

Your indirect emissions consist of your purchased electricity (and steam, heating, and cooling) for business use.

Scope 3

Upstream & Downstream Emissions

Upstream activities include commuting, business travel, transportation from suppliers, and purchased goods & services.

Downstream activities include deliveries to customers, plus the use and disposal of your products.

It is important to know, and report on, your emissions using the above Scopes. However, sharing the data with your team is often more effective when it is linked with activities they can relate to, such as commuting or energy consumption.

Your Carbon Footprint

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The top-level analysis below demonstrates which activities contribute to your Scope 1, 2, & 3 business emissions. Also included is an overview of your emissions by Scope, along with your calculated annual carbon footprint.

Throughout this analysis, all measurements are given in tonnes of carbon dioxide equivalent (tCO_2e).

Scope 1

15.0

Scope 2

7.9

Measured Scope 3

5,110.29

Total Emissions

5133.2

Your Carbon Footprint

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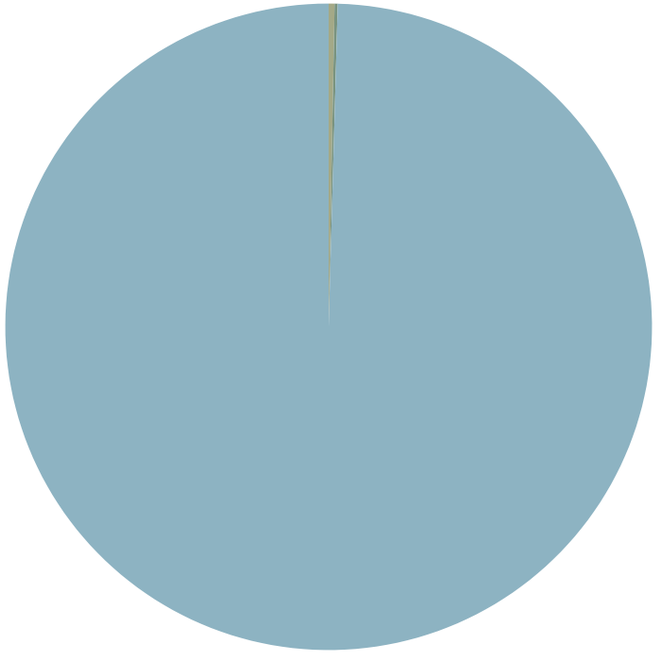
Included below is a pie chart which demonstrates the relative contribution (%) of each Scope towards your total carbon footprint.



Scope 1: 0.2%

Scope 2: 0.1%

Scope 3: 122.7%

Throughout this analysis, each Scope of AW Medical Supplies's carbon footprint will be further broken down into its contributing aspects. This will enable you to understand your carbon footprint and effectively target your emission reductions.

Your Carbon Footprint in Context

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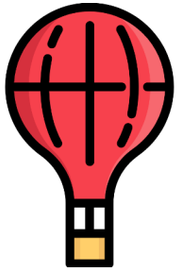
The concept of a carbon footprint and its contributing emissions can feel abstract, and is often difficult to visualise.
To better contextualise AW Medical Supplies's annual footprint, there are some real-world reference points below:

AW Medical Supplies emitting
5,133.21tCO_2e
is the equivalent of:

driving 3433 diesel cars
20 miles per day
for 1 year.

OR



filling the volume of
1613 hot air balloons
with carbon dioxide.

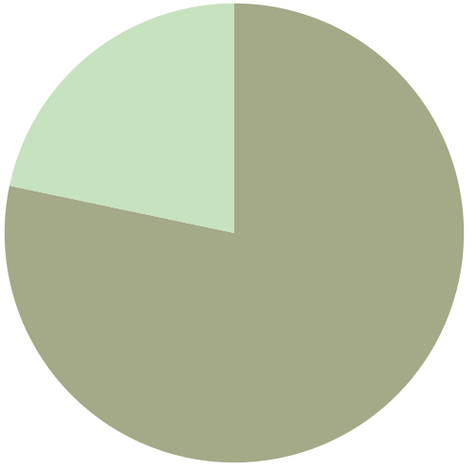
When AW Medical Supplies reaches net zero emissions, it will have as high an impact as permanently removing 3433 diesel cars from UK roads - preventing 3517242m^3 of carbon dioxide from being released every year.

Scope One Emissions

Your Scope 1 emissions come directly from running your business.
This includes emissions from burning gas (and other fuels) for heating along with the associated emissions of powering any company vehicles.

Scope 1 total emissions: 15.0tCO_2e

Contribution to overall footprint: 0.3%



Scope 1 activities breakdown

- On-Site Fuel Combustion: 11.8t
- Leaked Emissions: 0.0t
- Industrial Process Emissions: 0.0t
- Company Vehicles: 3.3t

Scope Two Emissions

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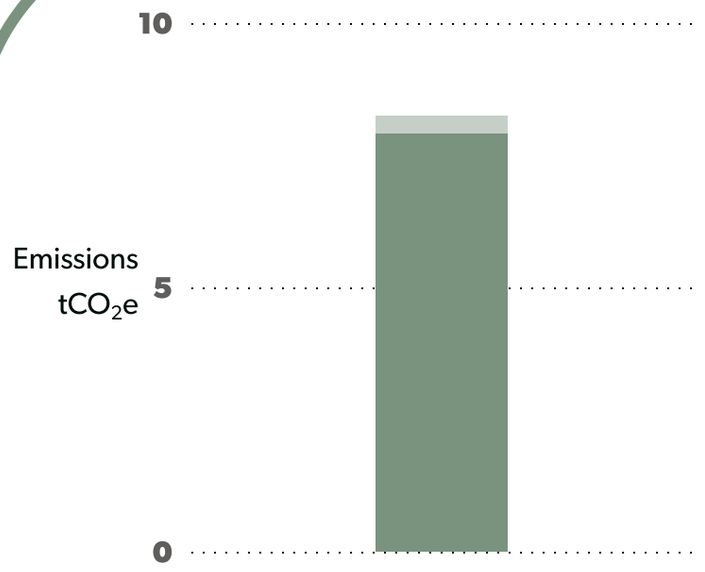
Scope 2 emissions come indirectly from operating.
This largely consists of your electricity supply, wherein the emissions occur at the power plant but are on behalf of AW Medical Supplies.

Purchased electricity: 7.9t

Steam, Heat, and Cooling: 0.0t

Scope 2 total emissions: 7.9tCO_2e

Contribution to overall footprint: 0.2%



Purchased Electricity footprint breakdown

Your total carbon footprint from purchased electricity was 7.9t.

Renewable energy accounted for 4% of your electricity consumption. This reduced your footprint by 0.3t.

Scope One + Two Emissions Breakdown

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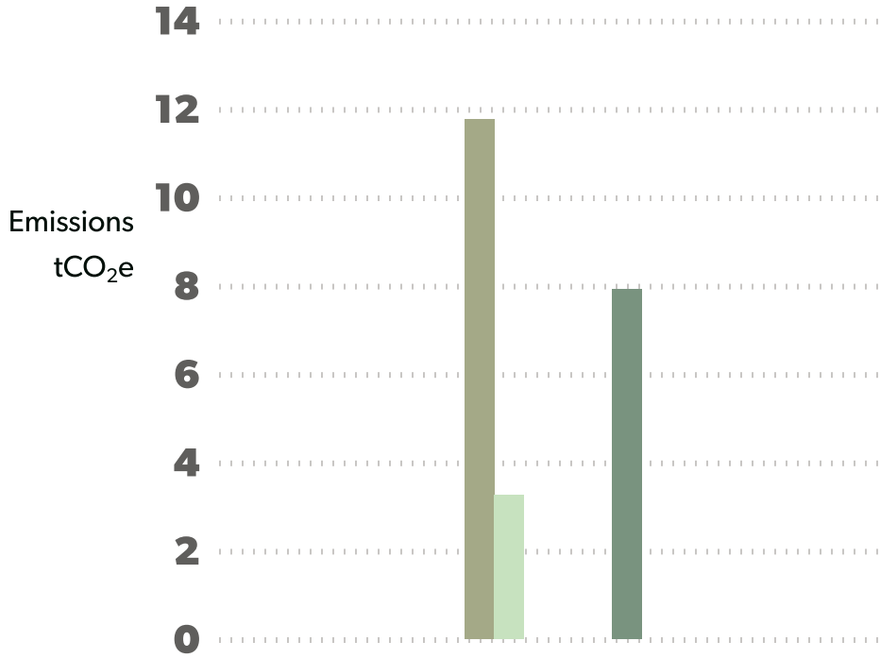
The table and bar chart attached demonstrate the total carbon emissions of each activity that contributes to Chroma Vision's Scope 1 and Scope 2 footprint.



On-Site Fuel Combustion	11.8
Company Vehicles	3.3
Industrial Process Emissions	0.0
Leaked Emissions	0.0
Steam, Heat & Cooling	0.0
Purchased Electricity	7.9

Activities and their values in the table correspond with those in the bar chart (left). All values are given in tCO_2e.

Scope Three Emissions

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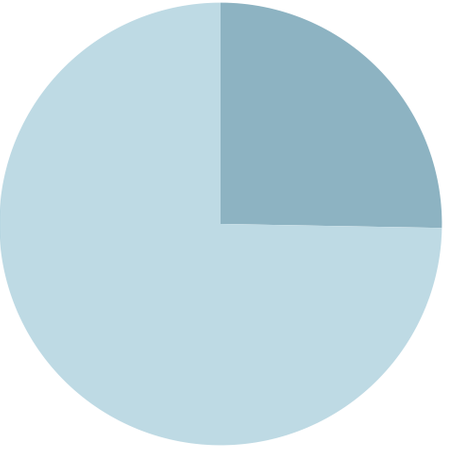
A range of activities are reported within every company's Scope 3 footprint.
Each of these activities are noted below, separated into Upstream and Downstream emissions.
Often, Scope 3 emissions comprise the largest part of an organisation's carbon footprint. In this assessment, five of the below activities have been measured - the results are in the following pages.

Scope 3 total emissions: 5133.2tCO_2e

Contribution to overall footprint: 99.6%



Contribution to Scope 3 Emissions

Upstream emissions: 7.9%

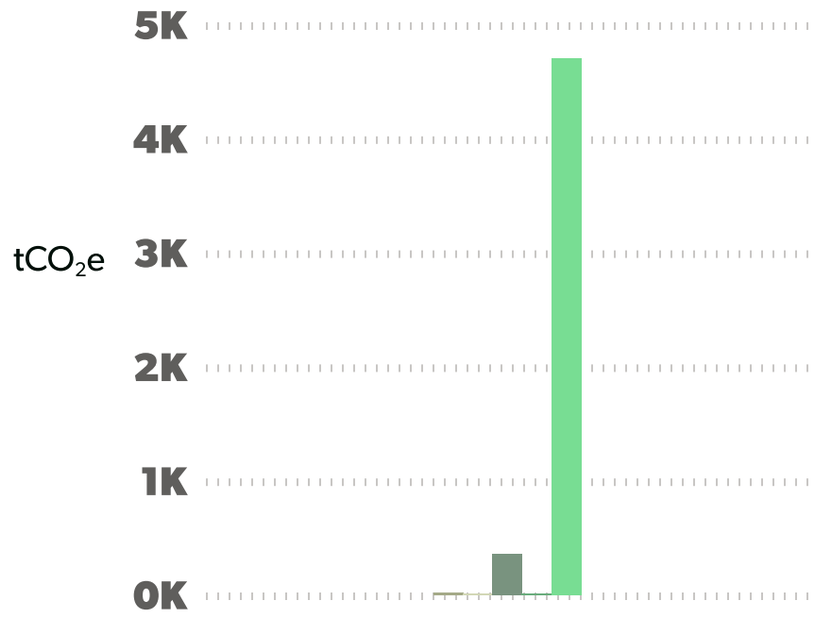
Downstream emissions: 92.1%

Footprint Analysis: Property

The figure below describes the contribution of each measured activity to AW Medical Supplies's Scope 3 carbon footprint.

Scope 3 Emissions

tCO_2e



- Business Travel: 21.5
- Operational Waste: 7.60
- Upstream T & D: 357.6
- Commuting & Home Working: 16.0
- Downstream T & D: 4707.6

Total Scope 3 Emissions: 5110.3

T & D = Transport and Distribution emissions.

Scope Three Emissions: Upstream

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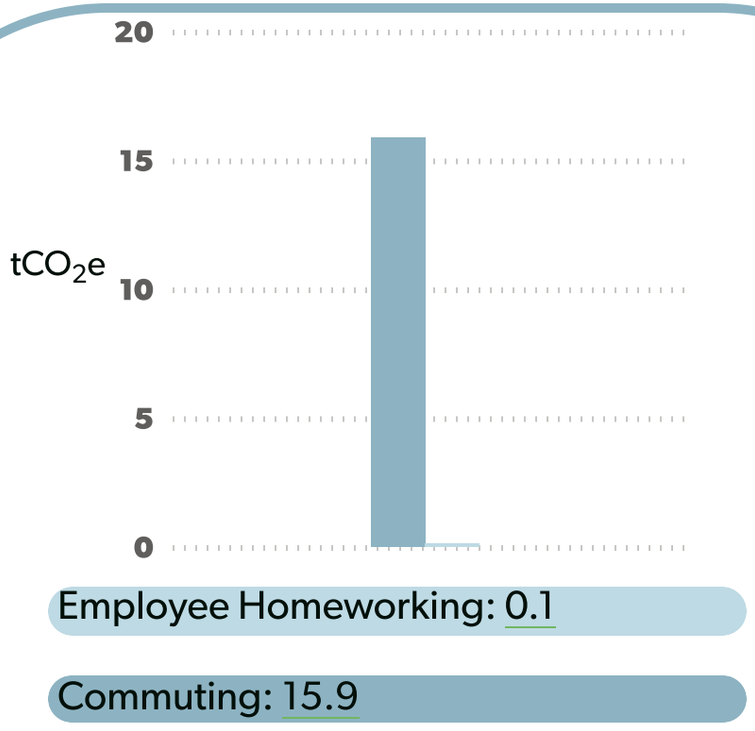
Upstream emissions are a consequence of your supply chain. This includes all purchased goods & services, along with travelling to meetings and employee commuting. To achieve PPN compliance, just 4 of these activities must be reported.

Scope 3 Upstream Emissions contributing activities

Business Travel	21.5
Operational Waste	7.6
Transportation & Distribution	357.6
Employee Commuting & Home Working	16.0
Purchased Goods & Services	
Leased Assets	
Capital Goods	
Fuel & Energy Related Activities	

Scope 3 total upstream emissions:
403.0tCO_2e



Many businesses promote remote or hybrid arrangements for events and employee working.
When this suits the functioning of your operations, it can greatly reduce your Scope 3 emissions.

Scope Three Emissions: Downstream

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Downstream emissions come from your customers' use of your product or service.
This includes the distribution, use, and disposal of your product. To achieve PPN compliance, only the transportation and distribution of products must be reported.

Scope 3 Downstream Emissions contributing activities

Transportation & Distribution	4,707.6
Investments	
Franchises	
Leased Assets	
End-Of-Life Treatment of Sold Products	
Use of Sold Products	
Processing of Sold Products	

Scope 3 total downstream emissions:
4707.6tCO_2e

All Emissions: Summary

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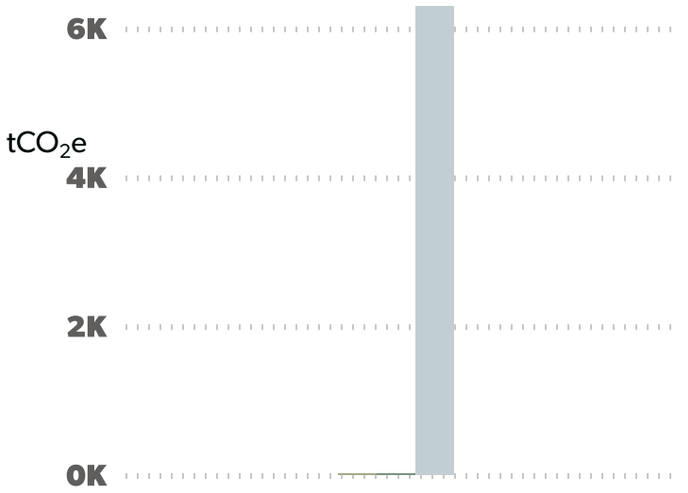
The figures below demonstrate the emissions of each activity (tCO_2e) and how this has impacted your footprint.

Summary of Emissions all measured activities

On-Site Fuel Combustion	11.8
Industrial Process Emissions	0.0
Company Vehicles	3.3
Fugitive Emissions	0.0
Purchased Electricity	7.9
Steam, Heat & Cooling	0.0
Business Travel	21.5
Operational Waste	7.6
Transportation & Distribution (Upstream)	357.6
Employee Commuting & Home Working	16.0
Transportation & Distribution (Downstream)	4,707.6

Scope 1, 2 & 3 measured emissions



Scope 1: 15.0

Scope 2: 7.9

Scope 3: 5110.3

Next Steps

Now that you have your carbon footprint analysis, the next steps are:

1. We will certify AW Medical Supplies to celebrate your commitment to measure and reduce your company's emissions.

2. We will send your badges via email. These can be added to your website, email footers, and social media posts to publicise your positive actions.

3. Your dashboard will be created within a few days of your certification. We will send a link to your dashboard and deliver your certificate if you requested a physical copy.

4. We will develop a Carbon Reduction Plan for AW Medical Supplies, which can be discussed in further detail. This process will take several weeks and benefits from the input of leading academics from Manchester Metropolitan University, who contribute to the Positive Planet Advisory Board.

5. Your Carbon Reduction Plan must then be worked through. At this point, our Account Support is available to help you with any queries and accelerate progress towards your targets.

6. Consider assessing your full carbon footprint - understanding your full greenhouse gas emissions inventory is essential when aiming to reach Net Zero. Please contact us if you have any questions about Net Zero; when you are ready to assess the full footprint of AW Medical Supplies, our experienced team will ensure this is a smooth process.