

Tanner Pharma Group

GHG REPORT



[date of creation]



SUMMARY

INTRODUCTION

WHAT IS A CARBON FOOTPRINT?

TANNER PHARMA GROUP'S CARBON FOOTPRINT

REDUCTION TARGETS

REDUCTION PLAN

CONCLUSION





INTRODUCTION

UNDERSTANDING OUR CARBON EMISSIONS

Welcome to the analysis of Tanner Pharma Group's carbon footprint. This presentation aims to highlight the current environmental impact and outline strategies for reduction.

We recognise that climate change poses a threat to our society and nature and therefore have committed to net zero by 2045.

We have completed a carbon footprint calculation in order to set targets to reduce emissions.



COMPANY OVERVIEW

Tanner Pharma Group

Company Address	Tanner Pharma Group [address]
Reporting Period	01/01/2023-31/12/2023
Number of full time employees	83

"A CARBON FOOTPRINT MEASURES THE TOTAL GREENHOUSE GAS EMISSIONS CAUSED DIRECTLY AND INDIRECTLY BY AN INDIVIDUAL, ORGANIZATION, EVENT, OR PRODUCT. IT'S A CRITICAL METRIC IN UNDERSTANDING AND MITIGATING CLIMATE CHANGE IMPACTS."

"CARBON FOOTPRINT"

HOW IS IT MEASURED?



WITH HELP FROM C FREE

- We partnered with C Free, a tech enabled carbon footprint calculation consultancy
- With C Free's assistance we assessed the most pertinent points of consideration in our carbon footprint and generated a plan to collect necessary data for carbon assessment
- Through the use of C Free's algorithms, we automatically processed critical business data to generate a carbon footprint analysis, and a plan for carbon reduction

PROCESS

- Expense data was collected and categorised into carbon emitting activities
- Raw data from suppliers was also collated
- Employee survey was sent out to collect commuting and working from home emissions
- C Free calculated the emissions and produced reports and data visualisation

WHAT ARE SCOPES 1,2, AND 3?



SCOPE 1

- Direct emissions from owned or controlled sources
- “Emissions that you create”
- From burning fuel and leaking GHGs



SCOPE 2

- Indirect emissions from the generation of purchased energy
- “Emissions where you use energy”
- Usually just electricity



SCOPE 3

- All indirect emissions that occur in the value chain
- “Everything else”
- Purchased Goods and Services, Capital Goods, Business travel, Employee commuting, Up and Downstream Transportation and Distribution, etc

OUR CARBON FOOTPRINT



SCOPE 1

34.44 tonnes CO₂e

- Emissions from natural gas and propane cylinders



SCOPE 2

66.26 tonnes CO₂e

- Electricity consumption on site



SCOPE 3

13,409.77 tonnes CO₂e

Included emission sources:

- Purchased Goods and Services
- Capital Goods
- Fuel and Energy related activities
- Business travel
- Employee commuting
- Upstream Transportation and Distribution
- Waste generated in Operations
- Investments



SCOPE 1

DIRECT EMISSIONS FROM COMPANY OWNED OR CONTROLLED RESOURCES

	Tonnes CO2e
Stationary Fuel	21.15
Refrigerants	7.92
Gas	5.37



SCOPE 2

INDIRECT EMISSIONS FROM PURCHASED ENERGY

	Tonnes CO2e
Electricity	66.26



SCOPE 3

INDIRECT EMISSIONS FROM VALUE CHAIN

	tonnes CO2e
Purchased Goods and Services	11,447.43
Capital Goods	0.78
Fuel- and Energy-Related Activities (not included in Scope 1 or Scope 2)	14.72
Upstream Transportation and Distribution	1,545.30
Upstream Leased Assets	0
Waste Generated in Operations	9.09
Business Travel	244.50
Employee Commuting	118.75
Downstream Transportation and Distribution	25.44
End-of-life Treatment of Sold Products	2.98
Investments	0.77
<u>Total Scope 3</u>	<u>13,409.77</u>

Emissions by GHG Protocol Category

Employee Commuting

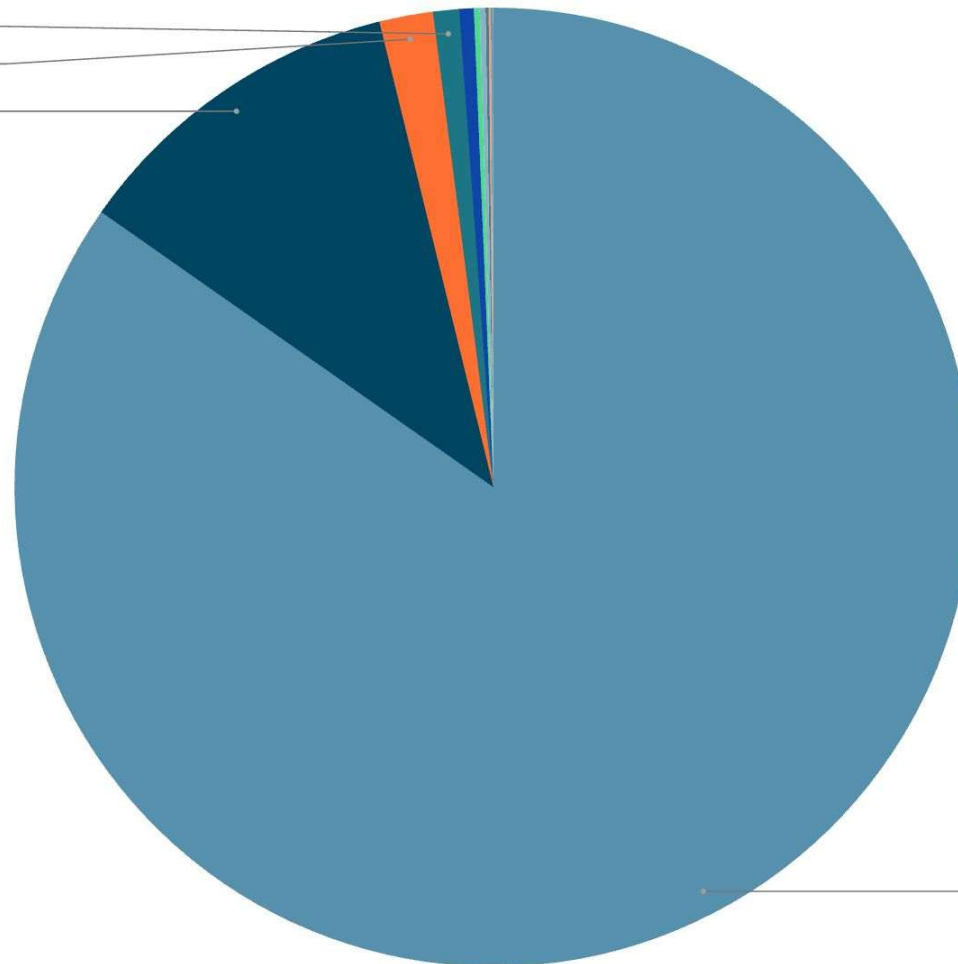
0.9%

Business Travel

1.8%

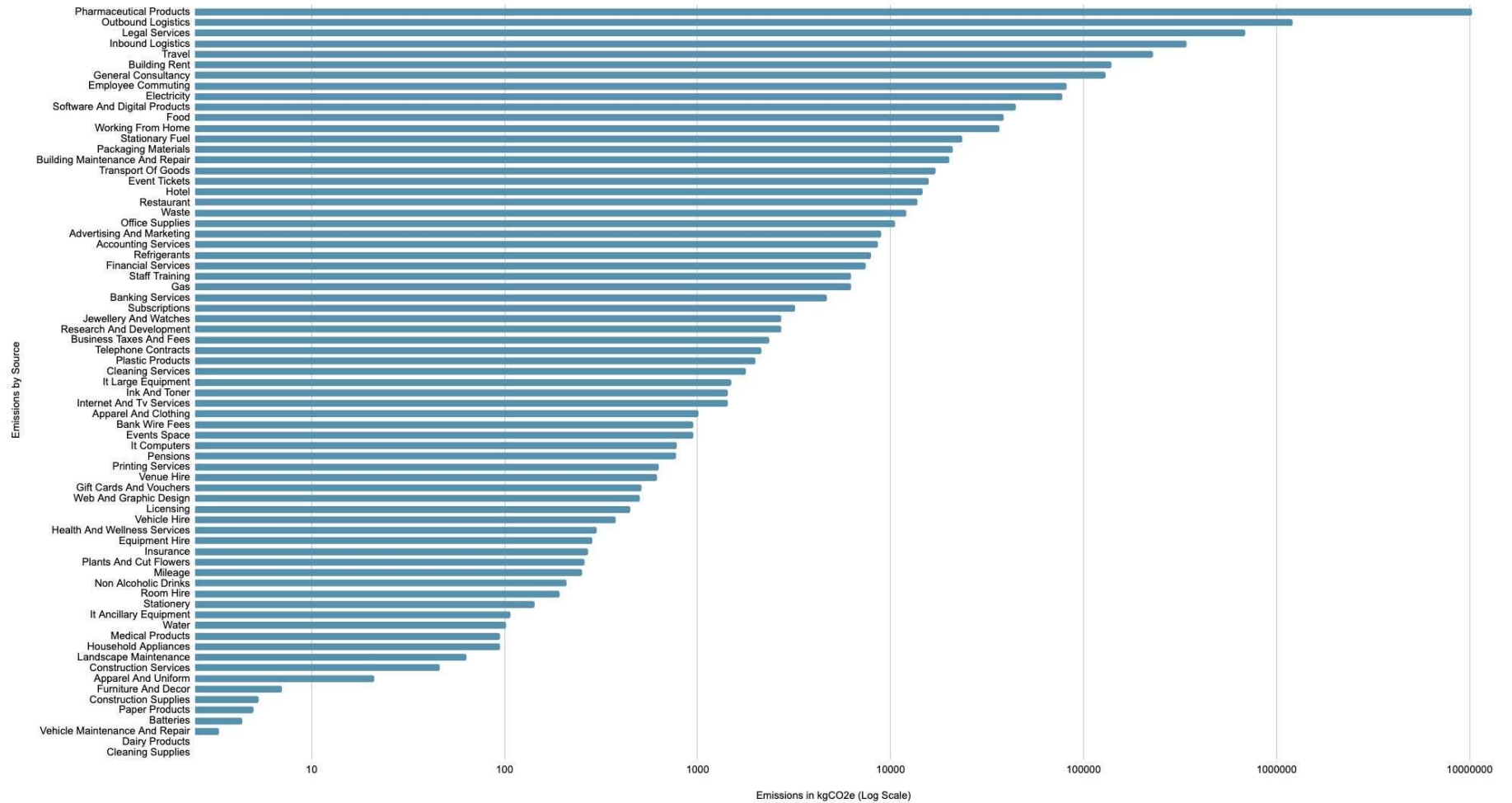
Upstream Transportation and Distribution

11.4%



Purchased Goods and Services
84.7%

Emissions in kgCO2e by Emissions Source



Methodology

The report adheres to the Environmental Reporting Guidelines, incorporating the Streamline Energy & Carbon Reporting guidance. It employs the operational control approach to delineate its boundaries. The methodology aligns with the Greenhouse Gas Protocol and the BEIS Environmental Reporting Guidelines. The calculations utilise the UK Government's emissions factors and the C Free in-house software, factoring in environmental input-output factors.

For more information please see C Free's carbon footprint calculation methodology:

<https://c-free.co.uk/carbon-footprint-calculation-methodology/>



REDUCTIONS

HOW ARE WE GOING TO REDUCE THESE EMISSIONS?

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

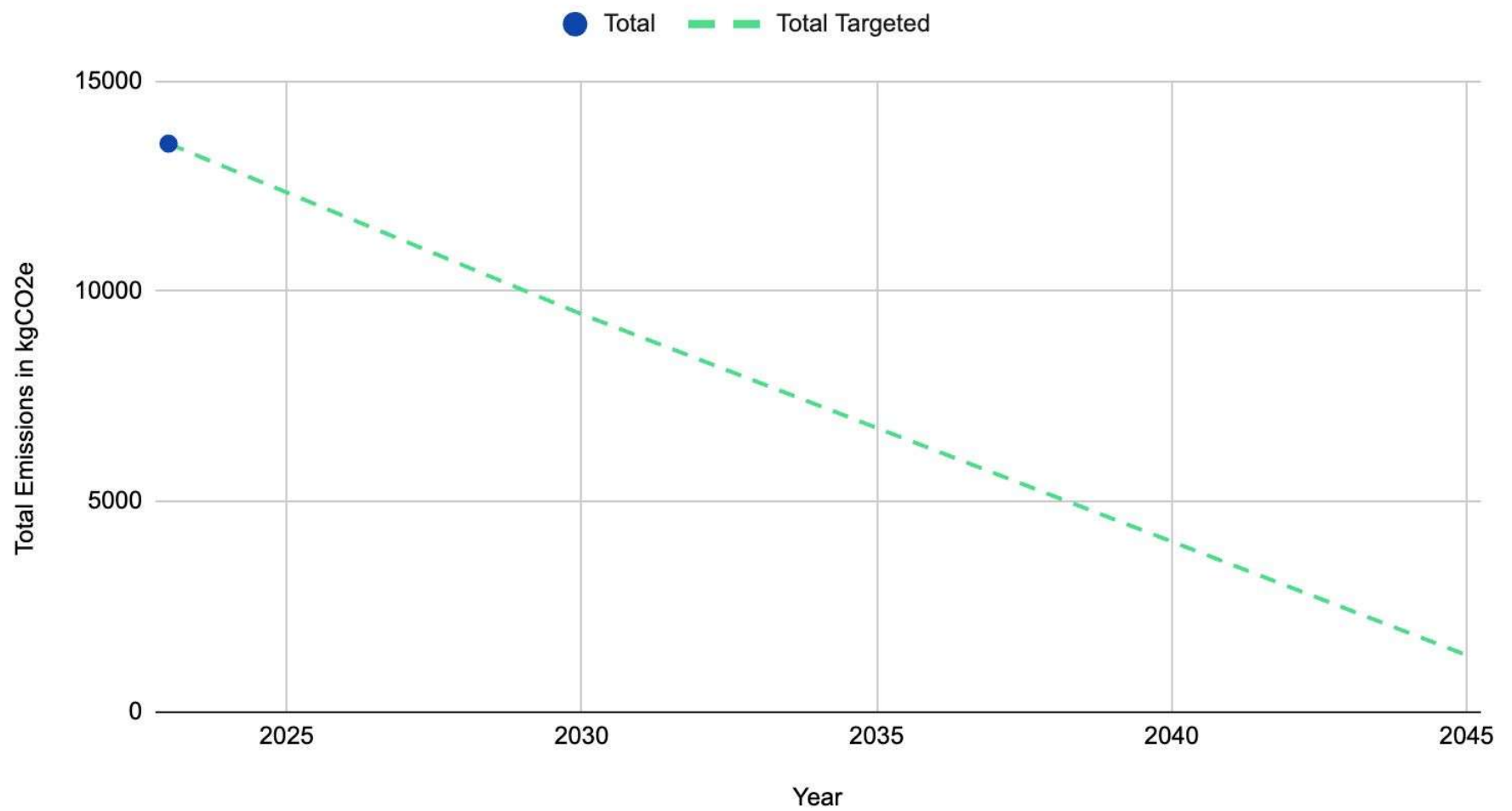
Tanner Pharma Group commit to reducing scope 1, 2 and scope 3 emissions by 30% by 2030 from a 2023 baseline.

Tanner Pharma Group commit to reducing scope 1, 2 and scope 3 emissions by 90% by the net zero target year 2045 from a 2023 baseline.

TARGETS

Tonnes CO2e	2023	2030	2045
Scope 1	34.44	24.108	3.444
Scope 2	66.26	46.382	6.626
Scope 3 (Included Sources)	13,409.77	9,386.84	1,340.98
Total	13,510.47	9,457.33	1,351.05
Percentage change (from base year)		-30%	-90%

Net Zero Targets



PROGRESS

As this is the first time Tanner Pharma Group is measuring its carbon emissions, we are in the initial stages of developing and implementing a comprehensive carbon reduction strategy. Some actions were completed prior to us measuring our base year, including the installation of LED lighting in our UK office, assessing our UK office heating system and installing bike racks at our UK office.



WHAT'S NEXT

LOOKING AHEAD

SHORT TERM



Travel

- Reduce the need for business travel by increasing the use of virtual meeting platforms such as Zoom, Microsoft Teams and Google Meet.
- Update travel policies to encourage and prioritise rail travel over air travel for domestic trips and promote the use of public transportation.



Third party logistics

- Engage with our third-party logistics providers to encourage the adoption of low-emission vehicles and more efficient logistics practices.
- Minimise packaging materials and using sustainable alternatives where possible and practical, ensuring the efficacy of medicines is maintained.



Commuting

- Promote remote working and flexible working hours to reduce the frequency and distance of employee commutes.
- Provide incentives such as subsidised public transportation passes or carpooling schemes to encourage employees to use greener commuting options.
- Support active commuting by installing shower facilities at our offices and ongoing participating in cycle-to-work schemes.

LONG TERM



Employee Engagement

- Implement a robust training program to increase carbon literacy across the workforce.
- Establish cross-functional "green teams" empowered to identify opportunities, develop strategies, and lead implementation of carbon-reducing initiatives.
- Incorporate sustainability performance metrics and carbon reduction goals into annual review processes, providing transparency into progress and linking environmental impact to compensation/advancement.



Sustainable Procurement

- Develop a set of environmental criteria that suppliers must meet.
- Prioritise suppliers with a proven track record of sustainability and lower carbon footprints.
- Perform regular assessments and audits of suppliers to ensure compliance with environmental standards.
- Use a scoring system to rate suppliers based on their sustainability practices, carbon emissions, waste management, and energy use.

THANK YOU



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