



University
of Exeter

HiYield Ltd



Emissions Report & Decarbonisation Plan

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Report Contents

Disclaimer:

This report has been prepared for HiYield Ltd Only. The University of Exeter has taken all reasonable care to ensure that the facts stated herein are true and accurate in all material aspects. No liability of any kind is assumed by the University of Exeter or any of its directors, officers, employees, advisors or agents about any such opinions, projections, assumptions or any other information contained in, or otherwise concerning this report.

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The University of Exeter has been asked to provide a report on the Carbon Emissions and associated Decarbonisation Plan for:

HiYield Ltd

13 A Kenwyn Street

Truro

Cornwall

TR1 3DJ

Introduction

This report covers all relevant findings, methodologies, and recommendations for improvement.

It is based solely on data and information provided by HiYield Ltd, with no verification of data having taken place. Any minor discrepancies between this report and CBN Expert software are due to rounding of conversion factors.

Over the following pages you will find the results associated with the calculation of Emissions of HiYield Ltd.

These results are broken down into Scope 1, Scope 2 and Scope 3 (Scope 4 where appropriate).

Results are also shown by Source of Emissions.

Sometimes it is useful to capture Emissions by Business Area (Staff, Supply Chain, Buildings etc) and we would be pleased to assist if this is required.

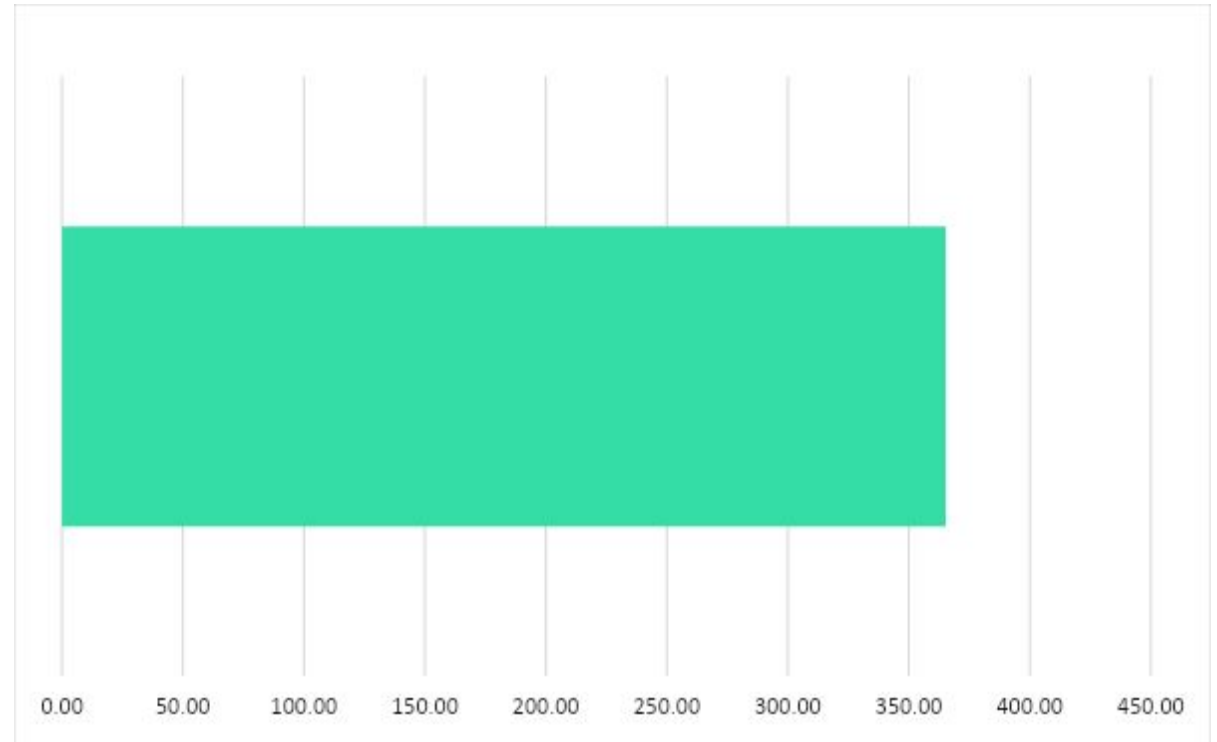
Results

Results
Scope 1
(Direct Emissions)

365.22kg CO₂e

Direct Emissions are those associated from sources owned or controlled by the Company. For instance, Company Vehicles, Gas Central Heating, Fuel Purchased etc.

All figures are in kg CO₂e.

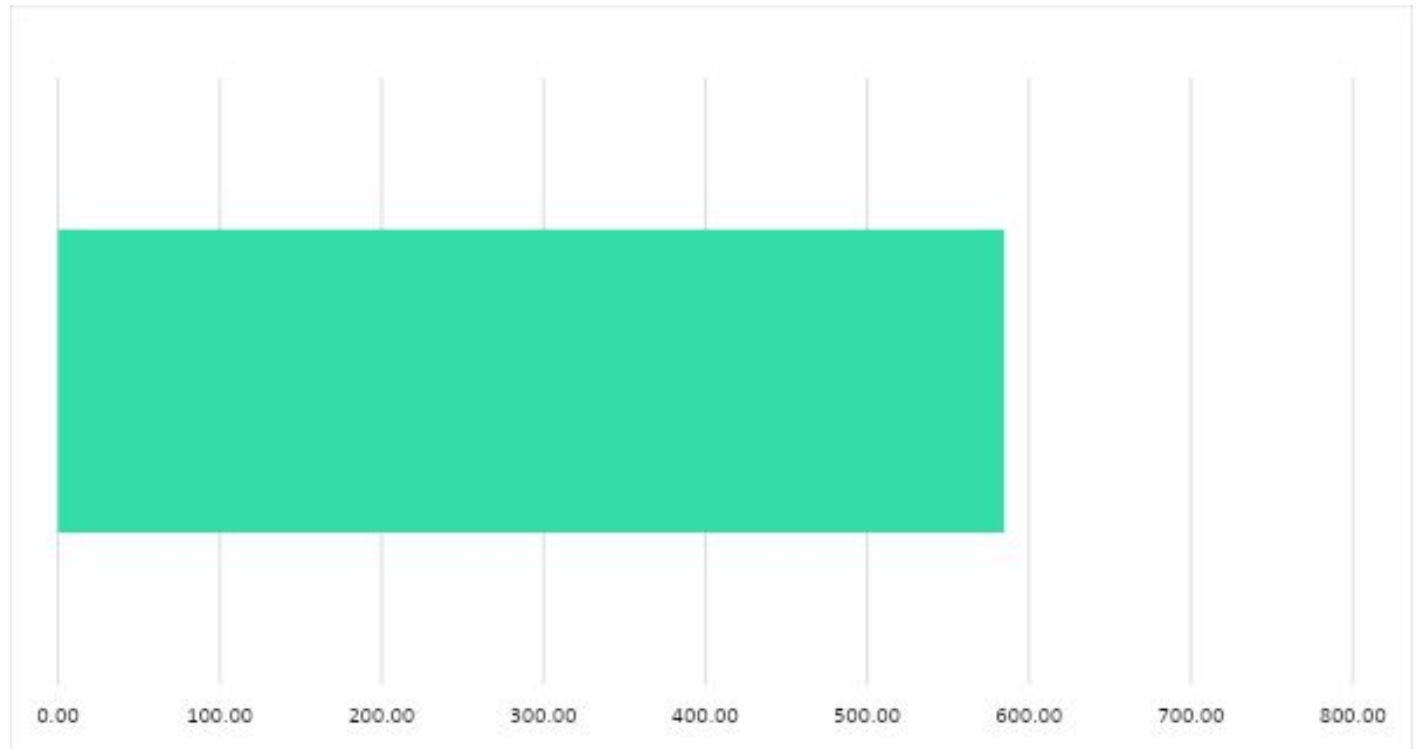


Results
Scope 2
(Indirect Emissions)

584.64kg CO₂e

Scope 2 Indirect Emissions are those associated with activities of the company. E.g. Purchased Electricity, Heat, Steam, Cooling.

All figures are in kg CO₂e.

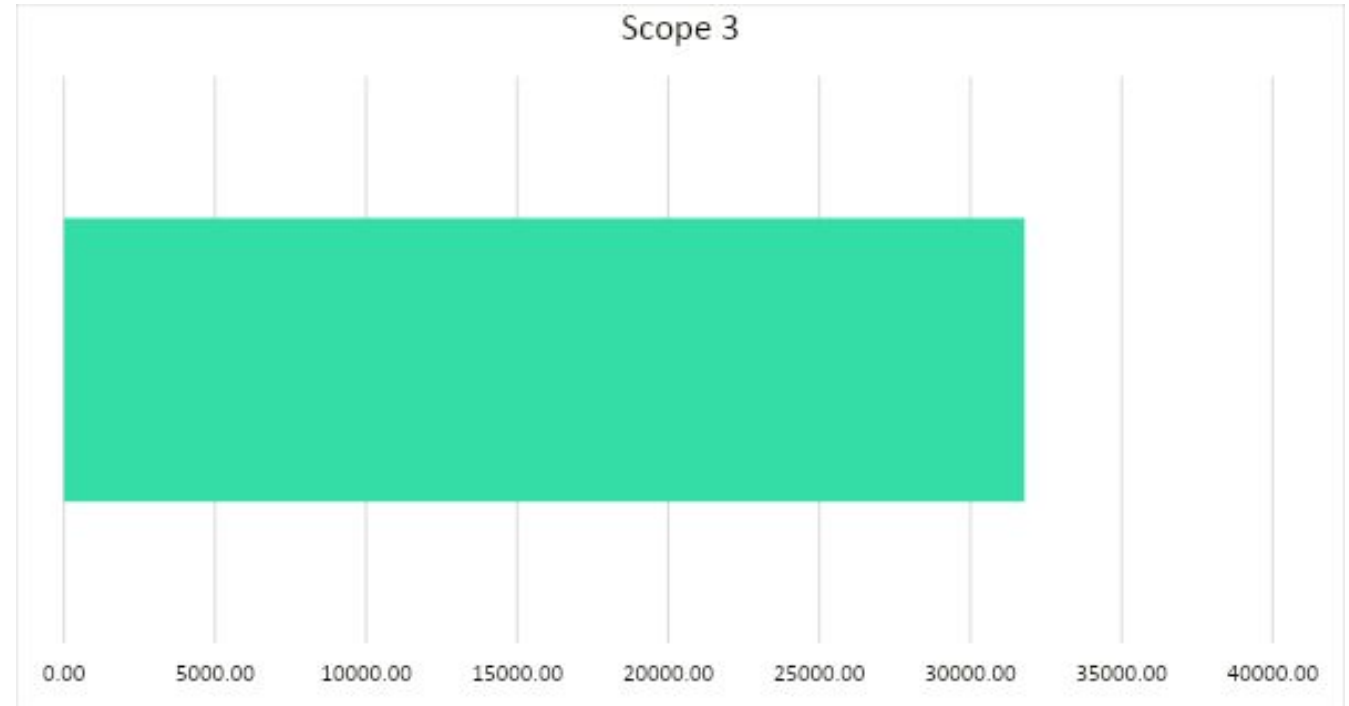


Results
Scope 3
(Indirect Emissions)

32119.38kg CO₂e

Scope 3 Emissions are those associated with the companies value chain, both up and down stream. E.g. Staff Travel, Commuting, Supply Chain, Transportation of Goods etc.

All figures are in kg CO₂e.

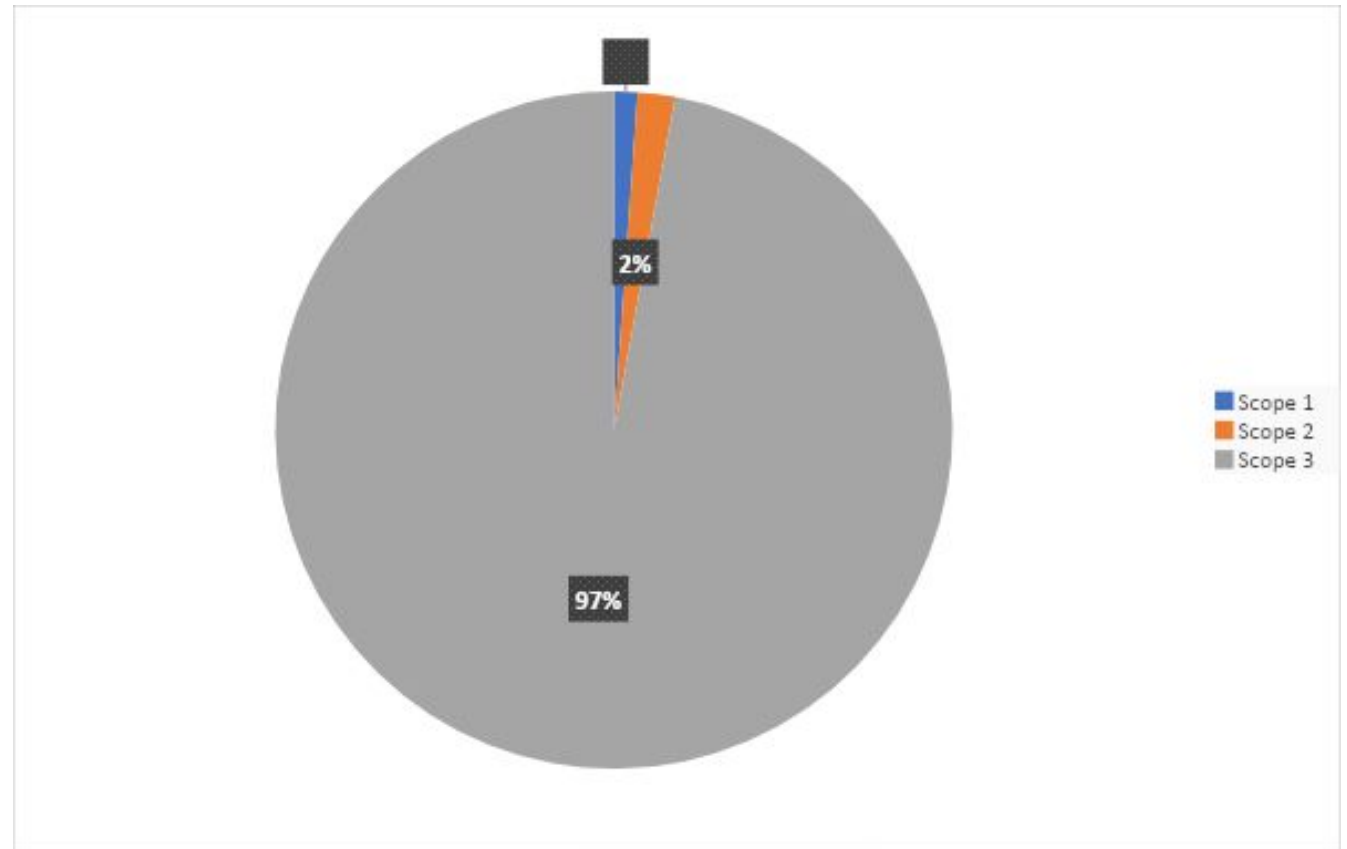


Results
Total Emissions
By Scope

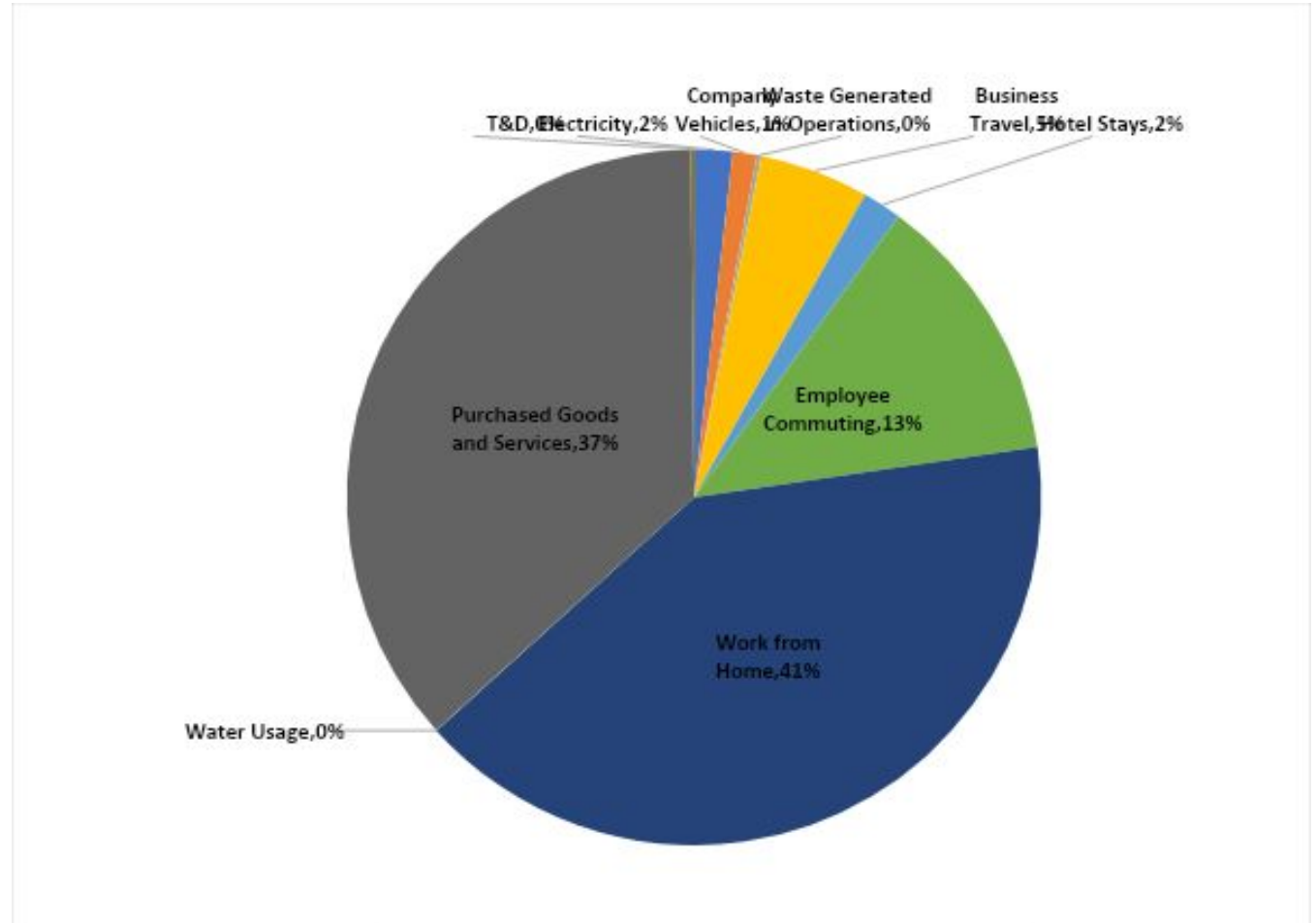
33069.24kg CO₂e

Summary of all Total Emissions by Scope.

All figures are in kg CO₂e.



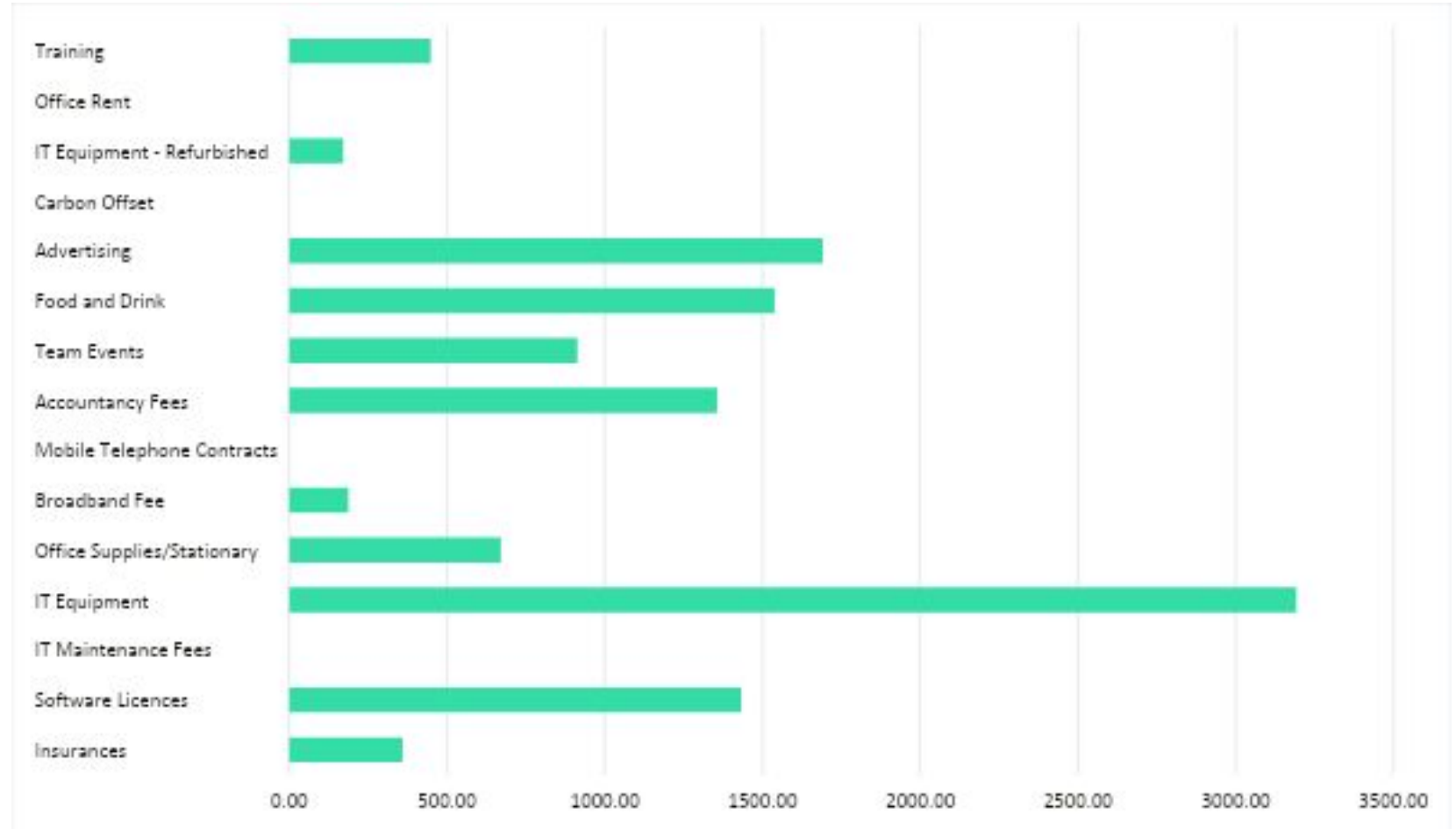
Results
Total Emissions
By Source



Results
Total Emissions
By Source
(excl Supply Chain)



Results Supply Chain Breakdown



Decarbonisation Planning Projection

Source	Current CO2e	Reduction %	New CO2e	CO2e Saving
IT Equipment	3191.92	10.00%	2872.73	319.19
Food and Drink	1538.38	10.00%	1384.54	153.84
Employee Commuting	4139.89	10.00%	3725.90	413.99
Electricity	584.64	100.00%	0.00	584.64
Totals				1471.66

Projection:
1471.66kg CO2e Reduction

Decarbonisation Planning Projection

Supply Chain/Procurement

1. Implement a stronger “Green First” Procurement Policy across the whole supply chain. Potentially to include:
 - a) Is the purchase actually required in the first place? Business Critical?
 - b) If so, is there an option for a shared purchase?
 - c) If not, is there an option for a refurbished purchase?
 - d) If not, what is the lowest form of impact possible for this purchase? (e.g. Refurbished IT equipment, preference for non-meat food products,

Decarbonisation Planning Projection

Employee Commuting (especially car)

1. Currently 3555.32kg CO₂e sits in Employee Commuting by car, while train accounts for just 10kg.
 - a) Incentivise commuting by cycle, train or bus in some way:
 - a) Paid Commute time if using one of these methods
 - b) Train/Bus season tickets as part of salary package
 - c) Cycle purchase scheme (including e-bikes)
 - b) Ensure awareness of Commuting options is available to all staff –
Have a visible aid showing train/bus links, times etc.

Decarbonisation Planning Projection

Electricity

1. Currently Electricity is 100% renewable – Ensure this is from a REGO Certified supplier or similar
 - a) Ensure Electricity supply is genuinely “Green”
 - b) Reduce current usage through habits and behaviours:
 - a) All IT equipment to be switched off overnight (not just on standby)
 - b) Lighting to be replace with LED bulbs

Emissions Report Scope

Methodology Used

This report is compliant with the GHG Protocol methodology. According to it, the reported information shall be “relevant, complete, consistent, transparent and accurate”.

Results are presented for each of the activities/processes that describe HiYield Ltd activities and are split into Scopes 1, 2 and 3, based on GHG protocol methodology.

The calculation of HiYield Ltd Scope 3 emissions is based on the Greenhouse Gas Protocol Corporate Value Chain (Scope 3) Accounting and Reporting Standard and the Guidance for Accounting. The Scope 3 emissions are calculated by category in accordance with the guidelines of the GHG Protocol Standard.

HiYield Ltd provided data, that together with the assumptions and calculations made in this report, the GHG emissions inventory were calculated.

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This report distinguishes between HiYield Ltd organisational boundaries and operational boundaries.

“Operational Control Methodology” has been applied, meaning we endeavour to include all emissions over which HiYield Ltd have Operational Control. Additionally, a location based approach has been used.

All Emissions are recorded in kg CO₂e (kilograms of Carbon Dioxide equivalent gases).

Emissions Report Scope

Emissions Report Scope

Organisational Boundary

Currently HiYield Ltd has no Subsidiaries nor Parent Companies to be concerned with so the Organisational Boundary is defined as solely the organisation HiYield Ltd.

Operational Boundary

For the purposes of this Carbon Footprint we are including Scope 1, Scope 2 and Scope 3. We have excluded Category 15 (Investments) due to insufficient data being available.

Areas included are:

Scope 1 – Direct Emissions

Scope 2 – Indirect Emissions

Scope 3 – Other Indirect Emissions including Value Chain

Emissions Report Scope

Base Year

This report covers the reporting period 1/10/2022 to 30/09/2023 and is in line with HiYield Ltd Financial Reporting Period

Collection/Quality of Data

Data has been collected direct from HiYield Ltd. Currently none of the data has been externally verified for accuracy. Where accurate data has been unavailable, estimates have been used.

Emissions Factors

This report uses a mixture of Emissions Factors. Most notably these are the “UK Government Conversion Factors for Company Reporting 2023” and the “2019 DEFRA UK Footprint Results”. If necessary, additional Emissions Factors may have been used. Full Emissions Factors can be found in the Data Workbook that accompanies this report

Emissions Report Scope

Report Ends



University
of Exeter

Our mission

To use the power of our education and research to create a greener, healthier, fairer future

Our vision

We will achieve this over the next decade by:

- Greener:** Leading meaningful action against the climate emergency and ecological crisis
- Healthier:** Making key breakthroughs to transform human health and wellbeing
- Fairer:** Leading the progress towards creating a fair, socially just and inclusive society.