



## Carbon Reduction Plan

**Supplier Name:** Appvia

**Publication date:** 18th November 2024

### Commitment to achieving Net Zero

Appvia is committed to achieving Net Zero emissions by 2040.

### Interim Target

50% reduction in total emissions by 2030 (Race to Zero)

### B Corp Certified

Appvia is a Certified B Corporation, which means they are committed to continually improving their social and environmental performance. Appvia can use this carbon reduction plan as part of its Environmental Management System by updating the CRP annually, in line with its carbon emission reports, and actioning targets.

### ISO 27001

Appvia is ISO 27001 Certified. ISO/IEC 27001 is a standard for establishing, implementing, and maintaining an information security management system (ISMS). The standard helps organisations identify and address information security risks. It also ensures that an organisation's ISMS meets best practices and principles.

### Race to Zero Committed

By committing to reduce emissions through the SME Climate Hub, Appvia has been counted in the UN Climate Change High-Level Champion's Race to Zero campaign. They therefore partner with thousands of businesses and governments globally to reach net zero emissions by 2050.



# Introduction

## Carbon Accounting System

Appvia has chosen to use the Government-aligned tool, Climate Essentials (CE), as their carbon accounting software. CE includes sector-specific accounting for 'Information And Communication'. Emissions will be measured annually through the tool and disclosed publicly through this (updated) CRP.

## Methodology

For carbon emissions and conversion factors, CE refers to the Department of Business, Energy, and Industrial Strategy (BEIS) Greenhouse Gas Conversion Factors, which are updated annually. Other conversion factors are also used in cases where they are not provided within the BEIS guidance. Climate Essentials updates the most recently available factors once a year. When needed, CE uses external sources of carbon factors from well-renowned organisations or peer-reviewed papers. For expenditure-based Scope 3 emissions, CE uses the latest dataset based on the Standard Industrial Classification (SIC) codes published by the DEFRA and the UK government.

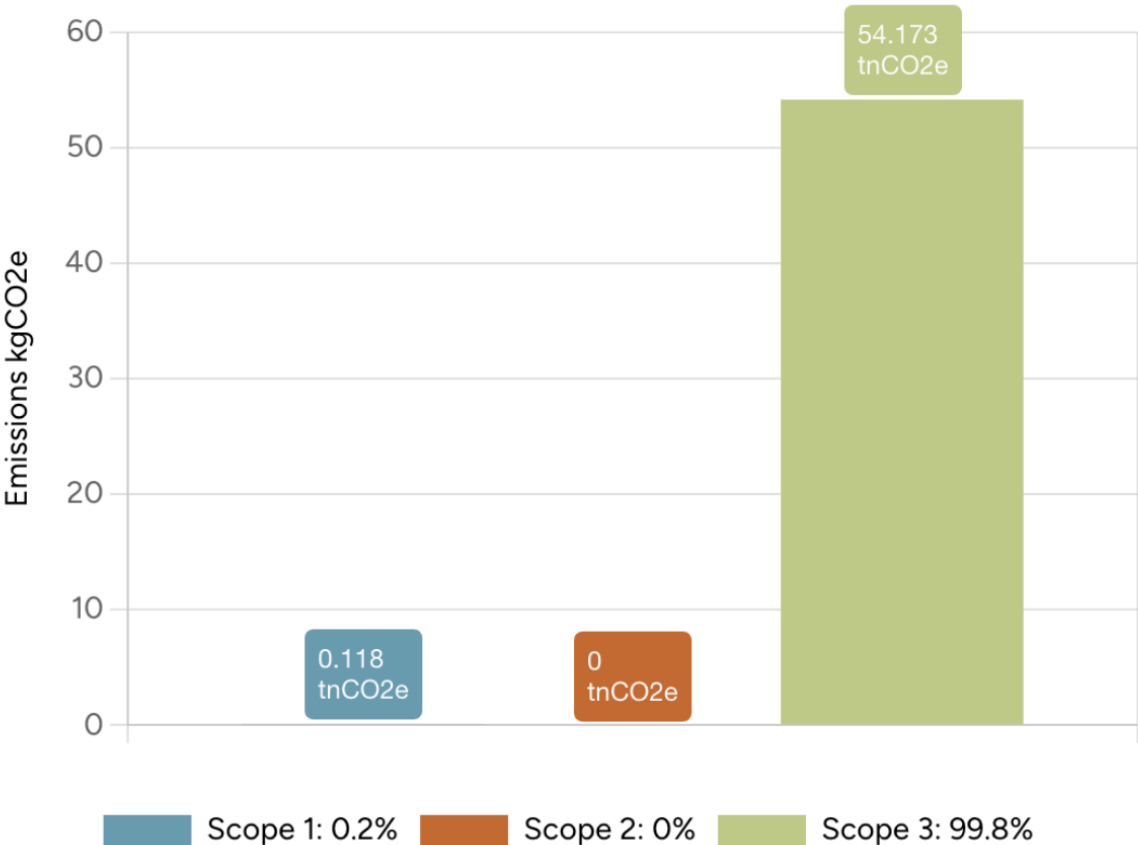
## Scopes

According to the GHG protocol, carbon emissions emitted by organisations and their value chain can be categorised into Scope 1, Scope 2, and Scope 3.

- Scope 1 — Scope 1 emissions are direct greenhouse (GHG) emissions that occur from sources that are controlled or owned by an organisation (e.g., emissions associated with fuel combustion in boilers, furnaces, and vehicles).
- Scope 2 — Scope 2 emissions are indirect GHG emissions associated with the purchase of electricity, steam, heat, or cooling. Although Scope 2 emissions physically occur at the facility where they are generated, they are accounted for in an organisation's GHG inventory because they are a result of the organisation's energy use.
- Scope 3 — Scope 3 emissions are the result of activities from assets not owned or controlled by the reporting organisation, but that the organisation indirectly impacts in its value chain. Scope 3 emissions include all sources not within an organisation's Scope 1 and 2 boundaries.

# Emissions by Scope

EMISSIONS BY SCOPE APPVIA 2024



### 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.

<b>Baseline Year: 2024 (1 October, 2023 to 30 September, 2024)</b>
<b>Additional Details relating to the Baseline Emissions calculations.</b>
Appvia carried out their first Carbon Footprint Report with 'Go Climate Positive' for the 2022/23 financial year, however, their 2023/24 report in Climate Essentials includes a larger number of scope 3 activities for example 'Capital Goods' and 'Other products and services'. As Appvia plans to report emissions through Climate Essentials going forward, and 2023/24 is the largest footprint, this is the baseline year which has been set.

EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	0.118
Scope 2	0
<b>Scope 3</b> Included Sources: <ul style="list-style-type: none"> <li>• Purchased goods and services</li> <li>• Capital Goods</li> <li>• Fuel and Energy not included in Scope 1 and Scope 2</li> <li>• Waste generated in operations</li> <li>• Business travel &amp; hotel stays</li> <li>• Employee commuting</li> <li>• Employee homeworking</li> <li>• Upstream Leased assets</li> </ul>	54.193
<b>Total Emissions</b>	<b>54.291</b>

## Emission reduction targets

### The SME Climate Commitment

Recognising that climate change poses a threat to the economy, nature and society at large, Appvia commits to take action immediately to:

- Halve our greenhouse gas emissions before 2030
- Achieve net zero emissions before 2050
- Disclose our progress yearly

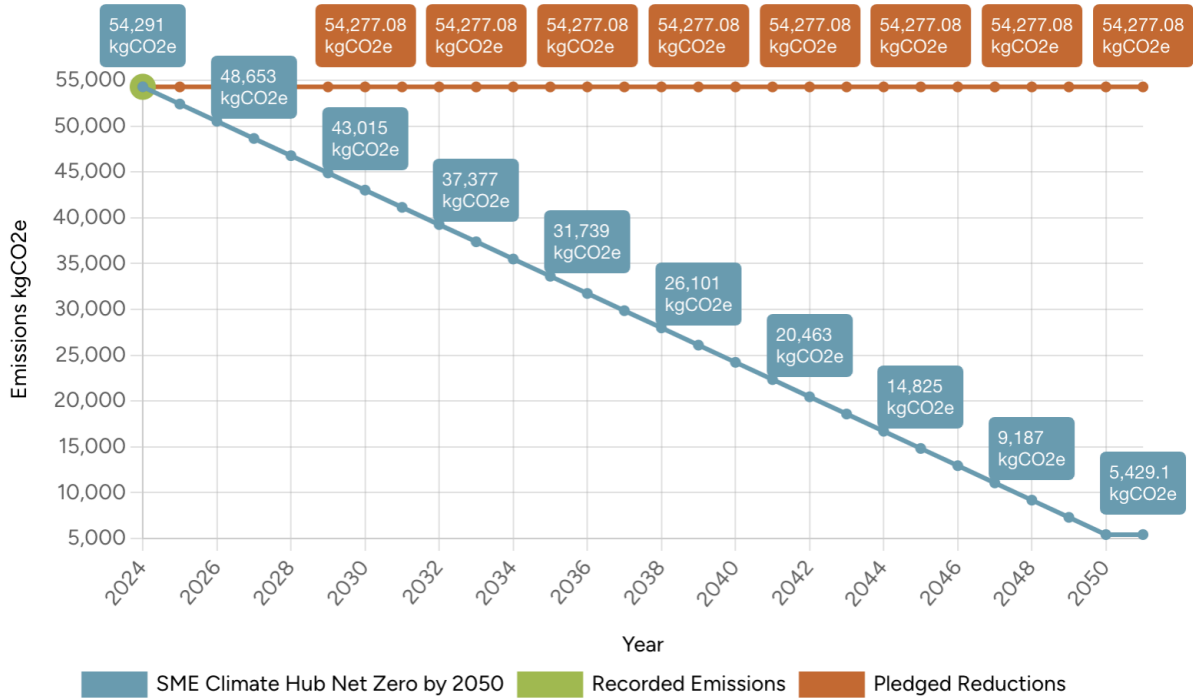
Through Climate Essentials and the SME Climate Hub Appvia have set the following targets towards net zero.

**Target:** Reduce at least 90% of emissions of Scope 1, Scope 2 and Scope 3 emissions by 2040. Target Emissions by 2040: 43.744 tCO<sub>2</sub>e

**Interim Target:** Reduce 50% of emissions of Scope 1, Scope 2 and Scope 3 emissions by 2030. Target Emissions: 218 tCO<sub>2</sub>e

**Progress against these \*targets can be seen in the graph below:**

## SME Climate Hub: Net Zero Pathway



\*Note: the pledged reduction data can only reflect the reduction actions which are listed in the tool, these do not yet cover all the targets covered in this CRP.

## Completed Carbon Reduction Projects

The following environmental management measures and projects have been completed or implemented previous to the 2024 baseline. Therefore the carbon emission reduction achieved by these schemes cannot be quantified but measures will be in effect when performing the service.

### Energy

Appvia procures 100% renewable electricity for their London-based office and procures no gas, this has reduced their emissions by over 85% compared to using fossil fuel alternative tariffs. The premise is equipped with efficient appliances and temperature is always kept below 20°C to reduce energy consumption.

### Waste

Appvia has implemented a recycling system, including recycling electronic waste responsibly, we use reusable utensils in the office and always encourage employees to minimise the use of paper.

### Transport

Appvia has a central London office which means all employees use public transport, walk or cycle during their commute, we also offer a cycle-to-work scheme. Appvia has eliminated business flights from 2024 reducing our total travel emissions to

below 5 tCO<sub>2</sub>e.

### Products and services

Appvia use Amazon Web Services (AWS) to host our data, AWS sources renewable energy from utility-scale wind and solar projects. In 2023, AWS achieved its goal of matching 100% of its electricity consumption with renewable energy, seven years ahead of its original 2030 goal. This has reduced Appvia's 'Computer Programming and IT Services' emissions by 87% from 17.86 tCO<sub>2</sub>e to 2.28 tCO<sub>2</sub>e compared to non-green alternatives, this is particularly important for Appvia as an app/software provider.

### Value Chain

As a B Corp, Appvia pays special attention to the social and environmental impact of our service as well as making public cloud delivery simple and secure.

### Carbon Reduction Plan

This Carbon Reduction Plan (CRP) has been set from a 2024 Baseline year. The chart below represents the carbon emission breakdown by category from Appvias 2023 baseline. The CRP will put particular focus on Appvia's Scope 3 Products and Services emissions, as we can see these are most material to the overall footprint.

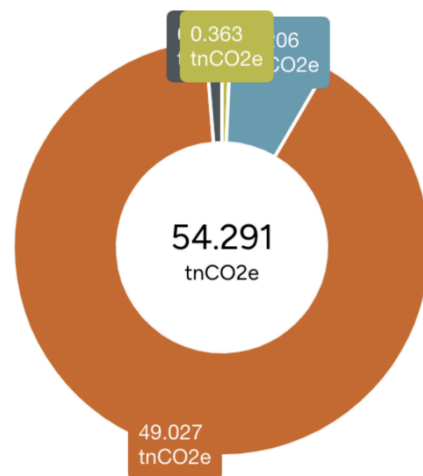
#### Carbon Breakdown by Category

Energy: 0.7%

Transport: 7.7%

Products and Services: 90.3%

Waste: 1.3%



### Energy

Appvia will [use this GOV tool](#) to understand the EPC rating of their building. If this is rated C or below we will carry out an energy audit (with landlord approval) to understand how we can improve the efficiency of the building and therefore consume less energy, this is particularly important for a business that is reliant on technology. Appvia should open up a conversation with the landlord to understand if

the building has any environmental certifications (e.g. BREEAM) and to understand if solar could be added to the roof to increase energy security and bring down energy costs for all tenants. Appvia will continue to procure 100% renewable electricity.

### **Transport**

Appvia will create a 'Low Carbon Travel Policy' to continue to minimise flights, encourage the use of public transport, incentivise electric vehicle use, and encourage booking hotels which procure green energy.

To improve the accuracy of commuting data, annual employee surveys should be conducted to capture miles by travel type, this can be carried out alongside gathering homeworking data.

### **Products & Services**

The hiring of professional contractors/freelancers contributes to 90% of Appvia's Products and Services emissions. To reduce these emissions Appvia will engage with the stakeholders to understand:

1. If the contractor works at the Appvia office or from home/another space
2. If their place of work (home or other) is on a green energy tariff
3. If they are willing to switch to a 100% renewable energy provider - Appvia should help to inform the contractor of why and how this is possible (this could be through developing a freelancer sustainability guide)

This information will be tracked in a spreadsheet and can be more accurately captured in the Climate Essentials tool in the future through the 'Advanced Scope 3' upgrade.

To reduce emissions from other products and services, Appvia will develop a Green Procurement Policy which focuses on:

1. The most material impacts (at the top of the table).
2. The life cycle of products e.g. buying refurbished tech that can be donated to a charity partner when it is no longer wanted (closing the loop).
3. Prioritising suppliers who have divested from fossil fuels (and use renewable energy sources).
4. Prioritising suppliers who have a net zero commitment, sustainability policy and reduction plan (CRP).
5. Prioritising social/environmental certified suppliers (e.g. Organic, ISO & B Corp)

To align with the Procurement Policy, Appvia will implement a Supply Chain Management Plan by creating a spreadsheet which includes 80%+ of non-labour expenses and screens suppliers based on their social and environmental performance. In particular, which suppliers measure and disclose emissions, have net zero targets, and produce/procure 100% renewable energy. Appvia should screen suppliers at least bi-annually and switch to green providers if they do not meet interim goals. If Appvia uses/plans to use AI, they should be aware of the significant

ethical and environmental risks and should therefore evaluate and reduce risks as much as possible.

### **Waste**

To reduce the amount sent to landfill/inclination Appvia will introduce food composting in the office, clearly signpost bins (these are downloadable from First Mile) and replace single-use products as much as possible e.g. refill soaps, Sodastream water, plastic-free and non-toxic cleaning brands. A list of 'Sustainable Office Suppliers' could be created to replace common waste streams with more sustainable alternatives. Appvia should continue to implement WEE recycling systems and introduce a technology donation system for IT that is working but no longer wanted.

### **Value Chain**

World Wildlife Fund reports that 'Worldwide, 73% of our wildlife populations have been lost since 1970. In some areas, there has been a shocking 95% decline.' To move beyond the language of sustainability, Appvia will educate and engage stakeholders on the climate *and* biodiversity crisis. Technology is heavily dependent on natural resources (fossil fuels and rare minerals) which have the potential to harm nature therefore climate and biodiversity impacts, risks and opportunities should be considered (this is a requirement of the new B Corp standards launching in 2025).

In 2022 the Kunming-Montreal Global Biodiversity Framework (GBF) was signed by nearly 200 parties at COP15, all businesses should develop a Nature/Biodiversity Strategy in line with Global Goals to halt and reverse biodiversity loss by 2030. Businesses can align with these goals by creating a biodiversity strategy using the [It's Now For Nature Handbook](#).

## **Declaration and Sign-off**

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standards for Carbon Reduction Plans. It has been written by a third-party Sustainability Consultant to West London Business and the Government's Better Futures Programme.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard and use the appropriate Government emission conversion factors for greenhouse gas company reporting.

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) Standard.



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:**

**Name:** Jay Keshur

**Job Title:** COO

**Date:** 9th December 2024