

J R Wholesale Sussex Ltd

Carbon Reduction Plan - J R Wholesale Sussex Ltd

Supplier name: J R Wholesale Sussex Ltd

Publication date: 10/05/2024 (Version 1)

Commitment to achieving Net Zero

J R Wholesale Sussex Ltd is aiming to achieve net zero greenhouse gas emissions by 2045.

Baseline Emissions Footprint 2024

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.

| EMISSIONS (tCO ₂ e) | J R Wholesale Sussex Ltd |
|--------------------------------|--|
| Scope 1 | 44.9% |
| Scope 2 | 0.8% |
| Scope 3 (Included Sources) | 54.2% |
| Emissions | Heating 1.3% Office Waste 6.8% Depreciation of vehicles 81.4% IT 9.4% Electricity 1.1% |
| Total Emissions | 33.3% |

Current Emissions Reporting

Reporting Year: 2023/24

(Fully independently verified in line with the HM Government document *Environmental Reporting Guidelines: Including streamlined energy and carbon reporting guidance.*).

| EMISSIONS | TOTAL (tCO ₂ e) |
|-----------|----------------------------|
| Scope 1 | 4.2 TCO ₂ e |

Version 1: May 2024

Owner: Roland Knight MD

J R Wholesale Sussex Ltd

| | |
|--------------------------------------|--|
| Scope 2 | <0.8 TCO ₂ e |
| Scope 3 (Included Sources) | 5.1TCO ₂ e Emissions from food waste, general waste non-recyclable (landfill, energy recovery, other) Recyclable (Food, card, shrink-wrap, secure shredding, dry mixed recycling, white pallets, scrap metal, other) |
| Total Emissions | 28.2 TCO ₂ e |

Emissions reduction targets

We've set an ambition to achieve net zero emissions by 2045.

We've mapped our carbon footprint across all scopes (1, 2 and 3) and our intended emissions reduction trajectory includes both medium- and long-term targets.

Our targets are:

Medium term & long term:

Reduce - Scope 1 emissions by 100% against our baseline by 2045.

Reduce Scope 3 emissions by 100% against our baseline by 2045.

The CRP template requires us to quantify reductions in tCO₂e against our target timeframes.

We are a local and small company, with 12 employees, our intention is the grow the business, in the next few years, with an eye on our carbon emissions to maintain a green vision company.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been committed for completion and implemented, at the last management review meeting.

Solar panel installation

Phase 1 is the Solar panel project at our Hailsham depot.

It is estimated that the number of solar panels on the roof of the depot will produce electricity to allow to contribute to the national grid.

The tCO₂e reduction is based on the PV electricity consumed that would have otherwise been grid electricity being exported tCO₂e back to the grid, and therefore we are able to nett off our total emissions.

Scope 1

Our scope 1 emissions are largely made up of diesel emissions from our 5-vehicle fleet, plus any refrigerant leaks from our chillers and freezers.

Diesel emissions – monitoring alternative fuels and engine types.

We will look to the possibility of using electric vehicle for our short haul delivery.

And new efficient dual fuel vehicles for our medium haul deliveries.

This is to be costed and trialled when economic conditions improve from the aftereffects of Covid.

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Employee business mileage

In common with most businesses, we've decreased our employee business mileage, as working from home and virtual meetings reduce the need to travel.

All employees live in rural situations and cycling in not an option.

Also, within 5 miles of the plant and encouraged to car share, where possible.

Refrigerant leaks

Refrigerants are used across our depot.

We Maintain our refrigeration unit every 6 months to ensure no loss of refrigerants, there is a call out facility in the contract.

Our refrigerant of choice is whenever a new system is installed or a system needs replacing, so over time high GWP refrigerants will be phased out.

We have no sites using ammonia.

Scope 2

Scope 2 – On-site renewable energy generation

Emissions are 'indirect' emissions, in that they are those created in the course of using electricity from the National Grid.

Our electricity consumption therefore drives our share of Scope 2 emissions. The less 'grid' energy we consume, the lower our Scope 2 emissions.

We plan to install solar panels in place at our Hailsham depot.

The extent to which we can fit solar panels depends on many factors, including the load-bearing capacity of the roof as well as lease arrangements for the site.

The solar project is ongoing, and this document will be updated as, and when we have more information.

It should also be noted that Scope 2 emissions will decrease as a logical consequence of the National Grid being gradually decarbonised across the UK, as part of the UK government's commitment to net zero.

Scope 3

Full annual reporting of Scope 3 emissions is relatively new for most companies; it's a challenging area as value chains can be complex, long, and not always transparent or traceable.

Scope 3 includes several categories of emissions, and when it comes to annual reporting, we currently only measure and verify our Scope 3 emissions for waste.

However, we are gradually getting a grasp on the scale of our scope 3 emissions, thanks to the baselining activity carried out as part of our net zero target setting.

Food-derived emissions ('Purchased Goods' category)

By far the biggest contributor to our total carbon footprint is the Purchased Goods category, in other words, emissions embodied and associated with the food we buy from our range of suppliers.

The current availability and quality of data in food supply chains for the wholesale sector means that our purchased goods emissions calculations are based on total spend and tonnage purchased.

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We've identified that approximately 12 of our suppliers are responsible for 80% of our Scope 3 purchased goods emissions, so this helps us to prioritise in terms of supplier engagement activity.

Many of this priority group will be larger branded suppliers who already have decarbonisation plans in place, however we will actively engage with less mature suppliers to support awareness, knowledge, and decarbonisation plans.

Food Waste Reduction

We've been active on our food waste reduction commitment, in many ways:

Reducing our own waste -

Our food waste is from peelings from vegetables which we either give to a local farmer as animal feed, or we plough the waste back into the companies' own fields for enhancement of the fertilisation of the field to grow more crops. We have worked hard on both reduction of food waste.

Increasing food waste redistribution - We contribute to our local food bank where we have out of date produce.

Packaging waste

Cardboards

We re-use cardboard where it is possible to re-use.

Other cardboard is reduced to Ash and ploughed back in the fields as pot ash to improve the soil.

Plastics

There is very little plastic wrapping for our products as it is not suitable packaging for fruit and vegetable.

There are plastic mushroom trays which are recycled as fruit presentation boxes.

Where there is a surplus there are set to re-cycling.

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 MD Rolan Knight.

¹ <https://ghgprotocol.org/corporate-standard>

² <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

³ <https://greenly.earth/en-gb/carbon-calculator/result>

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Signed on behalf of the Supplier:

Roland Knight (Electronically signed)

Date: 10 May 2024