



**NICHOLL OILS PPN 06/21**

**CARBON REDUCTION PLAN**

Part of carbon footprint assessment in  
accordance with SBTi

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## 1.0 INTRODUCTION



*“Fully Committed  
to Net Zero  
By 2050”*

To establish a clear direction and timeline we have engaged CarbonFit to review and audit our Carbon Footprint and assist in setting a clear path to Net Zero for Scope 1, 2 and 3 by 2035 in line with PPN 06/21, SBTi and GHG Protocols.

CarbonFit are continuing their audit in accordance with ISO14064-1.

To commence the process, CarbonFit are reviewing our operations including energy and carbon usage and consumption throughout the buildings, processes, vehicles, travel, distribution waste and employee commuting in line GHG Corporate Accounting and Reporting Standard and GHG Scope 3 standards.

For the purpose of this report, in accordance with PPN 06/21, the baseline and last financial year have been reported. Emissions have been calculated using the Department for Energy Security and Net Zero (DESNZ) conversion factors for company reporting of GHG Emissions.

Nicholl Oils can confirm we are fully committed to achieving Net Zero by 2050 or sooner.

This plan will be finalized and updated annually in line with our financial year end.

The next revision is due towards Q2 of 2026.

## 2.0 NICHOLL OILS



Nicholl Oils is a proud, family-owned Northern Ireland business with over 60 years of heritage. Now the largest independent oil distributor in the province, Nicholl has built its reputation on competitive pricing, reliability and customer trust. Continued investment in systems, infrastructure and people ensures consistently high service standards. The acquisition of the Puma Energy Oil Terminal in Belfast—the largest and deepest berth terminal in NI—strengthens supply security and enables the import, blending and delivery of traditional, bio and e-fuels. With 13 depots, significant storage capacity, a modern fleet and 21 365 automated forecourts, Nicholl is uniquely positioned to meet today's needs and future energy demands.



## 3.0 Sustainability Approach

At Nicholl Fuel Oils, we recognise our responsibility to operate sustainably across all areas of our business, including our forecourts, depots, and delivery operations. As an essential energy provider, we are committed to supplying fuel responsibly while reducing our environmental impact and supporting the communities in which we operate.

Our sustainability approach is founded on responsible energy supply, efficient operations, and continuous improvement. Across our depots and forecourts alike, we actively work to reduce energy consumption, manage waste responsibly, and protect the environment through robust systems, procedures, and targeted investment in improved infrastructure.

We support the transition to lower-carbon energy solutions and have taken practical steps to do so. This includes the supply and use of Hydrotreated Vegetable Oil (HVO) as a lower-carbon alternative fuel, helping customers and our own operations reduce greenhouse gas emissions where appropriate. We continue to monitor developments in cleaner and alternative fuels to support the evolving energy needs of our customers.

At our depots and forecourts, we invest in measures that improve energy efficiency and reduce environmental impact. These include the installation of solar energy systems where feasible, the use of LED lighting across sites, and the supply of 100% green energy to all company locations, ensuring that the electricity used in our operations is sourced from renewable generation.

Within our logistics and distribution activities, we focus on reducing emissions by optimising delivery routes, maintaining vehicles to high standards, and investing in modern, fuel-efficient fleet solutions. These measures help lower fuel consumption and emissions while ensuring dependable service.

Environmental responsibility is embedded in our daily operations. Robust procedures are in place at all depots and forecourts to prevent spills, protect land and water, and ensure the safe storage and handling of fuels. All employees receive appropriate training in environmental awareness, safety, and emergency response.

Sustainability at Nicholl Fuel Oils also means supporting our people and customers. We are committed to providing a safe, inclusive workplace, investing in training and development, and delivering reliable, transparent service built on long-term relationships.

## 3.1 Company Details

### 3.1.1 BASE FINANCIAL YEAR

June 2022 – May 2023

### 3.1.2 FINANCIAL YEAR REPORTING

June 2024 – May 2025

### 3.1.3 ADDRESS

176 Clooney Road  
Eglington  
LondonDerry  
Northern Ireland  
BT47 3DY

### 3.1.4 BOUNDARY APPROACH

Operational

### 3.1.5 SUSTAINABLE LEADERSHIP TEAM

Gary Nicholl  
Director  
[Gary.nicholl@nicholloils.com](mailto:Gary.nicholl@nicholloils.com)

## 4.0 Net Zero Commitment

In 2019, the UK Government amended the Climate Change Act 2008 by introducing a target of a 100% reduction in the net UK carbon account by 2050. This has become commonly known as the 'Net zero, target'. In line with this, Nicholl Oils are fully committed to playing our part and ensuring that our business achieves Net Zero by 2050.

Nicholl Oil's commitment to achieving Net Zero by 2050 is set out in this "Carbon Reduction Plan". This outlines out the company's vision and strategy for achieving Net Zero across its entire value chain [Scope 1,2 and 3] in line with the governments streamlined energy and Carbon Reporting guidelines. Nichol Oils employ the services of CarbonFit providing carbon accounting and advisory services. CarbonFit undertake a series of quality management checks in line with the requirements ISO 14064.

The emissions data contained within this CRP has been obtained in accordance with the GHG Protocols Corporate standard and the corporate value chain [Scope 3] accounting and reporting standard. Emissions have been calculated using the Department for Energy Security and Net Zero (DESNZ) conversion factors for company reporting of GHG Emissions.

### NET ZERO PLEDGE

- We commit to reducing our Scope 1 & 2 GHG emissions by 50% by 2030 from the Base Year and 100% by 2050.
- We commit to measuring and reducing our Scope 3 by engaging with 80% of our supply chain in 2026. Scope 3 emissions to be reduced by 100% by 2050 or sooner.

## 5.0 Baseline Emissions Footprint

Financial Year: June 22- May 23

Scope 1, 2 and 3 emissions as required by GHG Protocol are outlined below:

Scope 1

Primary Fuel Combustion (On-site)	202.63 tCO2e
Machinery/Manufacturing Process	0.00 tCO2e
Road Transport	1,071.21 tCO2e
Bioenergy	0 tCO2e
<b>C1. Total Scope 1</b>	<b>1,273.84 tCO2e</b>

Scope 2

Electricity Consumed (Location Based)	110.50 tCO2e
Electricity Consumed (Market Based/Onsite Generation/Renewable)	0.00 tCO2e
<b>C2. Total Scope 2</b>	<b>110.50 tCO2e</b>

Scope 3

Category 3: Fuel and Energy Related Activities	394.87 tCO2e
Category 4: Upstream Transportation and Distribution	N/C tCO2e
Category 5: Waste Generated in Operations	N/C tCO2e
Category 6: Business Travel	N/C tCO2e
Category 7: Employee Commuting	111.39 tCO2e
Category 9: Downstream Transportation and Distribution	N/A tCO2e
<b>C3. Total Scope 3</b>	<b>506.27 tCO2e</b>

N/A – Reviewed but category and associated emissions not applicable to organisational activities N/C – Not completed due to inability to trace historic records and data, however procedures were implemented to improve data recording for following years as shown in FY 24/25 full data set

## 6.0 Current Emissions Footprint: Carbon

Financial Year: June 24- May 25

Scope 1, 2 and 3 emissions as required by GHG Protocol are outlined below:

### Scope 1

Primary Fuel Combustion (On-site)	77.48 tCO2e
Machinery/Manufacturing Process	0.00 tCO2e
Road Transport	2,857.27 tCO2e
Bioenergy	0.00 tCO2e
<b>C1. Total Scope 1*</b>	<b>2,934.75 tCO2e</b>

### Scope 2

Electricity Consumed (Location Based)*	116.08 tCO2e
Electricity Consumed (Market Based/Onsite Generation/Renewable)	116.08 tCO2e
<b>C2. Total Scope 2 **</b>	<b>0.00TCO2e</b>

### Scope 3

Category 3: Fuel and Energy Related Activities*	744.61tCO2e
Category 4: Upstream Transportation and Distribution	29.62 tCO2e
Category 5: Waste Generated in Operations	11.45 tCO2e
Category 6: Business Travel	43.22 tCO2e
Category 7: Employee Commuting	102.42 tCO2e
Category 9: Downstream Transportation and Distribution	N/A tCO2e
<b>C3. Total Scope 3*</b>	<b>931.33 tCO2e</b>

N/A – Reviewed but category and associated emissions not applicable to organisational activities \*Location based Electricity is 116.08TCO2e

\*\*Green Electricity confirmed resulting in 0TCO2e noted above. See appendices for REGO Certificates provided by client from Power NI.

## 6.1 Base Year and Last Financial Year Summary

Scope	FY23 TCO2e	FY25 TCO2e	%
<b>Scope 1</b>	1,273.84	2,934.75	130%
<b>Scope 2</b>	110.50	0	-100%
<b>Scope 3</b>	506.27	931.33	84%
<b>Total</b>	1,890.61	3,926.33	104%

Note: We recognise our Increase in emissions which are due to new depots opening in FY 25 and associated increase in operations. Additionally improved data and methodology for FY 25 reporting has resulted in increase in Scope 3 emissions.

### Intensity Metric FY 25:

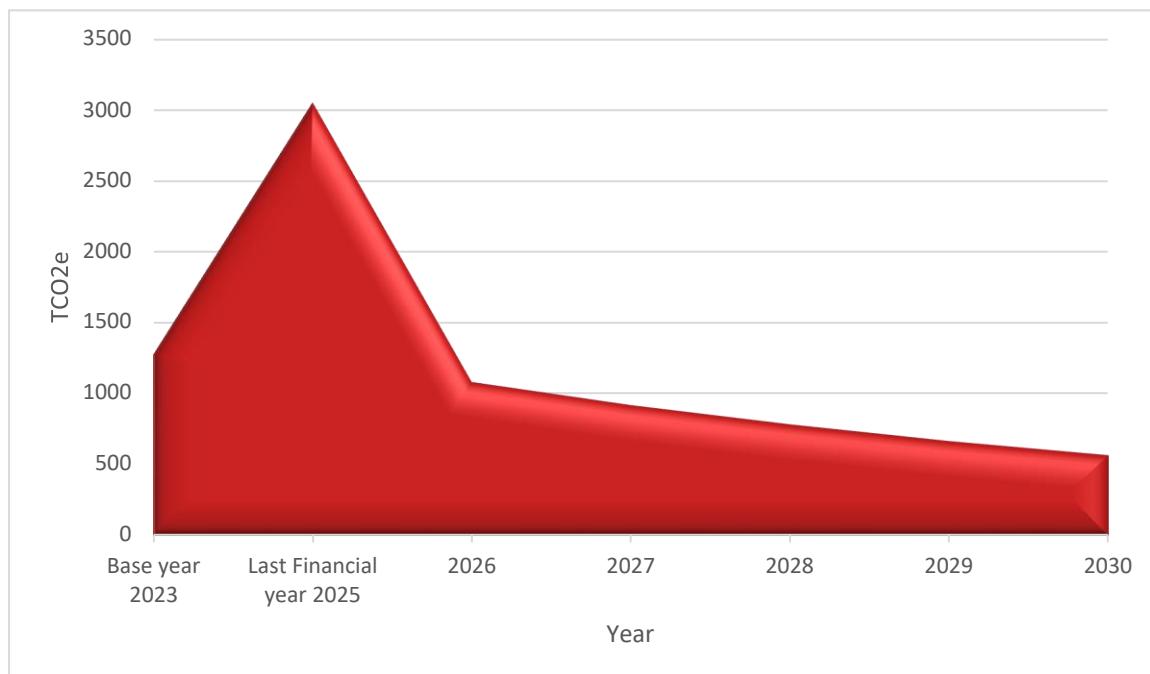
14.98 TCO2e/£Mill Turnover

## 7.0 Emissions Reduction Targets: Scope 1 and 2

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

- Reduce Scope 1 emissions by 50% by 2030 with min reduction of 15% year on year to reach Net Zero by 2050 or sooner.
- Reduce Scope 2 emissions by 50% by 2030 with min reduction of 15% year on year to reach Net Zero by 2050 or sooner.

Scope 1 & 2 Net Zero Timeline Trajectory



\*Base Year 1,385 TCO2e . Graph demonstrating 50% reduction by 2030 to reach 100% by 2050 or sooner.

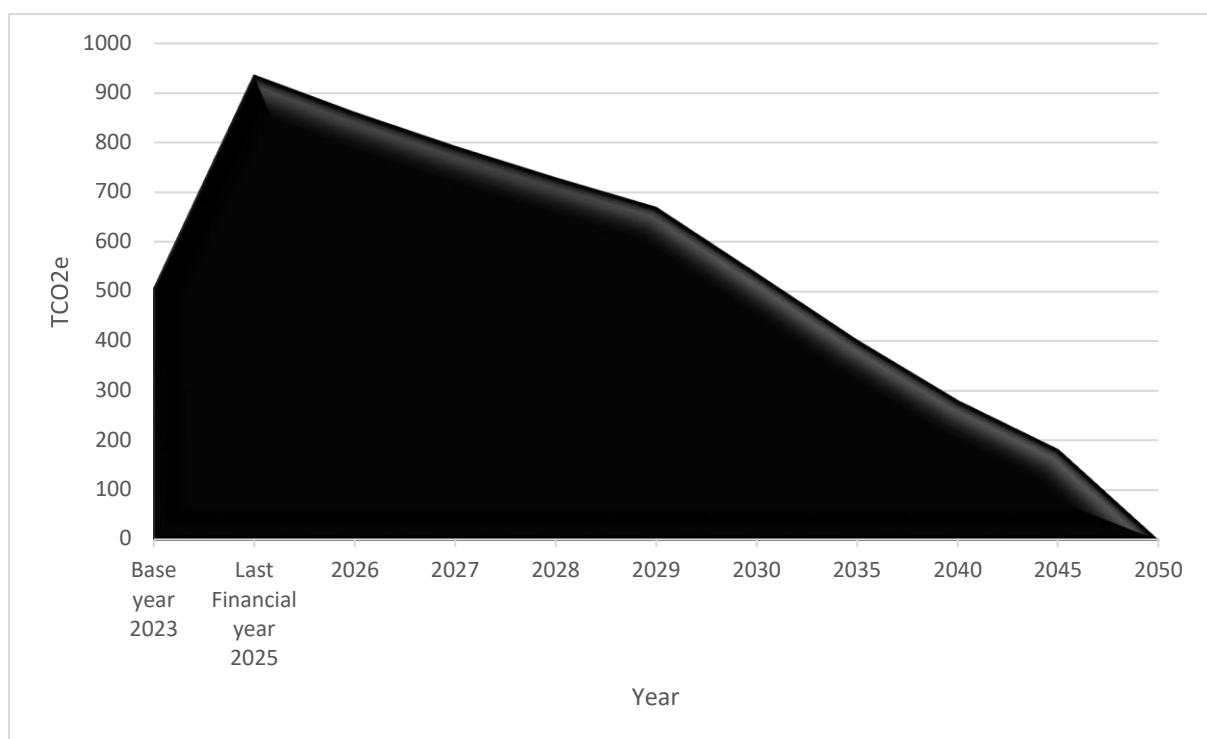
Increase in LFY due to 4 new sites opening and increased vehicles within our fleet.

## 7.1 Emission Reduction Targets: Scope 3

Scope 3 targets include:

- Complete a full scope 3 inventory and calculation in 2026
- Set Near- and long-term targets for reduction by 2026
- Reduce emissions by 100% by 2050

Scope 3 - Net Zero Timeline Trajectory



Slight increase in Scope 3 activities for LFY 25 due to improved data reporting and additional calculations included. Aim to Reduce emissions 100% by Base year of FY 25 for Scope 3 emissions

## 8.0 Carbon Initiatives completed to date

The following environmental management measures and projects have been completed or implemented since the Base Year of 2022/2023 by Nicholl Oils

### **General/Strategic Initiatives:**

- We will continue to work with CarbonFIT Ltd to strategise a pathway to Net zero Carbon Emissions by 2050 for scope 1, 2 & 3.
- Employee engagement in sustainability and efficiency initiatives – colleagues briefed quarterly with a briefing on updated and developments across the business. Ongoing professional development and compliance training. Environmental awareness training for employees. Health, safety, and environmental induction for all staff. Active participation and involvement with Energy Forums across province with Nicholl taking an active role at events with the NI Chamber, Derry Chamber & Retail NI. Customer engagement with marketing activities.
- Monthly briefing to discuss strategy and monitor progress across the business. Environmental policies and management procedures in place. Regular monitoring of energy use, emissions, and waste. Internal audits and management reviews. Continuous improvement approach aligned with ISO standards.

### **Scope 1:**

- We have installed EV chargers at various Depots throughout NI.
- Supply and promotion of HVO (Hydrotreated Vegetable Oil) as a low-carbon alternative: Currently available at pump at 8 sites across NI - Derry, Limavady, Ballymoney, Carryduff, Westbank, Enniskillen, Ballymena & Cairnryan. Further roll out being explored. HVO blend project ongoing. Supply and promotion of HVO (Hydrotreated Vegetable Oil) as a low-carbon alternative & support for customers transitioning from traditional fuels to lower-carbon options - Various trials ongoing with local councils on HVO. Staff training on the benefits and handling of renewable fuels. Clear customer guidance on emissions reductions and compatibility.
- Ongoing fleet renewal with newer, lower-emission vehicles. Current Fleet delivering HVO to Nicholl sites and customers fueled with HVO. All corporate business cars swapped out to Hybrid electric models. 1 x charger installed at Greysteel for staff and customer charging. EV rollout at Forecourts ongoing. Route optimisation to reduce fuel use and mileage: new platform being rolled out to deliver this. Regular vehicle maintenance to maximise fuel efficiency. Monitoring of fleet emissions and fuel consumption.



## 8.0 Carbon Initiatives completed to date

### Scope 1 Continues:

- Use of fuel cards to monitor and control fuel usage. Driver training focused on ecodriving techniques. Reduction of idling and unnecessary engine use. Monitoring driver behavior to improve safety and efficiency.
- The company has a policy that any new purchased or lease vehicle will either be an Electric or Hybrid vehicle.

### Scope 2:

- Replacement of traditional lighting with LED lighting across sites: All new builds Forecourts, Depots and Offices to have LED lighting at install. Upgrade of all older sites ongoing. Greysteel offices to have all lights changed to LED as part of Invest NI funding project by first quarter 2026. Installation of motion sensors and daylight controls - Carryduff. Upgrade of energy-efficient office equipment and appliances. Improved insulation and building efficiency measures.
- Installation of solar PV panels at suitable depot and office locations. Feasibility assessments for future on-site renewable generation. Bangor Forecourt Complete with ROCS, Newtownabbey Forecourt Solar with battery storage completed June 2025. Ballymoney & Carryduff solar and battery install due for completion end of February 2026. Greysteel - Forecourt, Offices, Depot all to have Solar install (with battery storage) first quarter 2026 - partly funded by Invest NI. Use of solar energy to offset grid electricity consumption with battery storage. Monitoring of solar output and carbon saving - Solis Cloud.
- Transition to renewable electricity tariffs where available- Green Energy Certified for 2024-2025, 2025-2026 with Power NI.

### Scope 3:

- As a company we provide our staff with an Eco Driver training course. Case studies carried out by the Energy Saving Trust conclude that eco-driver training provides 15% fuel savings on the day of training and 6% savings long term.
- Spill prevention and response procedures at all sites. Regular inspection and maintenance of tanks and pipework. Safe handling, storage, and disposal of hazardous materials. Waste reduction, segregation, and recycling initiatives.
- Compliance with environmental permits and regulations
- Improved data reporting allowing primary data use and improved Methodology calculations in line with GHG Protocol



## 9.0 Future Carbon Reduction Projects

“We intend to accelerate our progress to date and focus on Scope 3 emissions which will include engaging with our suppliers to assist them on their net zero journey.”

### General

- Nicholl Oils is working closely with CarbonFIT Ltd to strategise a pathway and road map to Net zero Carbon Emissions.
- It is the aim of the company to provide members of the board and senior management team a Carbon Literacy Training session which covers climate science, climate policy fundamentals, as well as carbon reporting and management requirements.
- In addition to ensure governance, monitoring and continuous improvement we plan to review sustainability targets annually and update them in line with business growth and regulatory changes. Track key sustainability metrics, including energy use, fuel consumption, and emissions. Ensure compliance with all relevant environmental legislation and industry best practice. Commit to continuous improvement across forecourts, depots, and logistics operations.

### Scope 1

#### Fossil Fuels

- We plan to conduct periodic energy audits to identify energy/carbon saving opportunities and areas of inefficiency within our estate.
- The company will investigate the installation of smart metering systems across all buildings within the estate to monitor and control energy usage and highlight energy hotspots.
- Review current state of Insulation on pipework and boiler rooms.
- We plan to review the replacement of current fossil fuels to biofuels where applicable for use within our heating system.
- Complete a feasibility study of replacement of our fossil fuel heating system with an electric source to switch to a green supply electricity contract to nullify emissions.

## 9.0 Future Carbon Reduction Projects Continued

### Scope 1 Continued

#### Machinery

- Potential of retrofitting some machines with energy-efficient motors.
- Consider the use of programmable timers to reduce idle machine operation.
- Seeking alternative biofuel solutions to replace the current fossil fuel within our processes.



## 9.0 Future Carbon Reduction Projects Continued

### Scope 1 Continued

#### Transport

- Given our transport has increased due to increase in our operations, we will prioritise completion of a plan to reduce the environmental impact of our current transport operations and fleet to determine a timeline and programme to convert cars, trucks, lorries and other heavy-duty vehicles to low carbon fuels or electric in line with our targets set out.
- Movement to Lower carbon Fuels
  - Continue to expand the availability and use of Hydrotreated Vegetable Oil (HVO) as a lower-carbon fuel option.
  - Increase the proportion of internal fleet and plant operating on HVO where technically and operationally feasible.
  - Work with customers to promote awareness and adoption of HVO as part of their own decarbonisation strategies.
  - Regularly review alternative and transitional fuels as the market and regulations evolve.
- Fleet and Transport Emissions
  - Reduce fleet-related emissions through:
  - Ongoing replacement of older vehicles with modern, more fuel-efficient or lower emission models.
  - Increased use of HVO within the fleet.
  - Route planning and telematics to reduce mileage, idling, and fuel consumption.
  - Introduce emissions performance tracking across the delivery fleet.
  - Assess opportunities for hybrid or alternative fuel vehicles as technology and infrastructure develop.
  - The company will review our current policies to plan for any new purchased or lease vehicle to either an Electric or Hybrid vehicle.
- Fuel cards and driver behaviour
  - Promote efficient driving practices through driver training and awareness programmes.
  - Reduce unnecessary mileage and fuel use through improved planning and reporting.
  - Set annual fuel efficiency improvement targets for company vehicles where practicable.
- Promote the use of public transportation and organised carpooling

## 9.0 Future Carbon Reduction Projects Continued

### Scope 2

- Expand the use of on-site solar generation ( including battery storage) across depots and suitable forecourt locations.
- Increase the proportion of site electricity demand met by on-site renewable generation annually.
- Monitor and report solar generation performance to support continuous improvement
- The company will investigate the feasibility to install Battery Storage to store our renewably generated energy for night-time use operations and/or when insufficient weather patterns for the PV to operate within next 3-5 years.
- Feasibility study to understand the most suitable renewable technologies available for our operations and site locations to assist reduction of energy and associated emissions.
- As noted in Section 8, achieve and maintain 100% LED lighting project across all depots, forecourts, offices and external areas to address increased level of emissions in LFY due to new premises opening in FY 25.
- Reduce lighting-related electricity consumption through the use of timers, sensors, and smart controls where appropriate.
- Review lighting layouts and operating hours to minimise unnecessary energy use while maintaining safety and visibility.
- Reduction of overall electricity consumption across depots and offices. Energy audits to identify efficiency and carbon-reduction opportunities. Power-down and energysaving policies for office and depot operations
- Introduce regular energy performance reviews at all sites to identify further reduction opportunities.
- Maintain 100% green electricity supply across all forecourts, depots, and offices.

## 9.0 Future Carbon Reduction Projects Continued

### Scope 3

#### **Business Travel**

- As a company we are considering implementing a policy that all vehicle hire will either be electric or hybrid vehicles only to lower our emissions associated with "Business Travel"

#### **Employee commuting**

- We plan to evaluate and incentivise staff to use other forms of transport such as electric/hydrogen bus, e-bike, e-scooter and bicycle to lower our emissions associated with "Employee Commuting."
- Where possible, consideration to implementing a more frequent working from home policy to reduce the impact of emissions associated with "Employee Commuting."

#### **Waste**

- We are committed to introducing a Waste Management Policy to help to minimise waste generation on site and facilitate repair, reuse, and recycling over the disposal of wastes, where it is cost effective.

#### **Upstream Distribution**

- Aim to choose logistics providers that use electric trucks, biofuels, or have net-zero targets.
- Seek providers certified under schemes like SmartWay, EcoTransIT or Science Based Targets
- Seek to source local suppliers to reduce our air freight emissions.

#### **Downstream Transportation**

- Not Applicable

## 10.0 Declaration & 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 standard and used the appropriate Government emission conversion factors for greenhouse gas company reporting.

Scope 1 and Scope 2 emissions have been reported in accordance with GHG Protocol 14064-1, and a subset of Scope 3 emissions which are applicable to the organisation within the reporting year 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 Nicholl Fuels

Gary Nicholl

Director

Signature:

A handwritten signature in black ink, appearing to read 'G Nicholl'.