

# Qualifying Explanatory Statement in Support of PAS 2060:2014 Verification

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## Executive Summary

This document forms the Qualifying Explanatory Statement to demonstrate YOUR GRIND LTD (trading as and subsequently referred to as Pact Coffee) has achieved carbon neutrality for Scope 1 and 2 emission sources only, between 1st of January 2020 and 31st of December 2020, under the guidelines of PAS 2060:2014.

All data and evidence was reviewed and confirmed to be correct by Seismic Change Limited.


PAS 2060 Requirement	Response
Entity making PAS 2060 declaration:	Pact Coffee
Subject of PAS 2060 declaration:	Operational Scope 1 and 2 emission sources including: <ul style="list-style-type: none"><li>• Office electricity consumption</li><li>• Coffee roastery electricity and natural gas consumption</li></ul>
Description of subject:	Pact Coffee is a coffee roast and delivery company. Coffee beans are purchased from dedicated farmers, hand-roasted in Surrey and shipped directly to consumers.
Type of conformity assessment:	Other party validation, completed by Seismic Change Limited.
Baseline date for PAS 2060 programme:	1st of January 2020 to 31st of December 2020.
Commitment period for PAS 2060 programme:	1st of January 2020 to Date.
Individuals responsible for the evaluation and provision of data necessary for declaration:	Ian Cook



This Qualifying Explanatory Statement contains information relating to Pact Coffee's carbon neutrality. All information included in this document is believed to be correct at the time of publishing. Should any information come to light that would affect the validity of the statements herein, this document will be updated to accurately reflect the current status of any carbon-neutral statement made by Pact Coffee.

## Declaration of Achievement of Carbon Neutrality

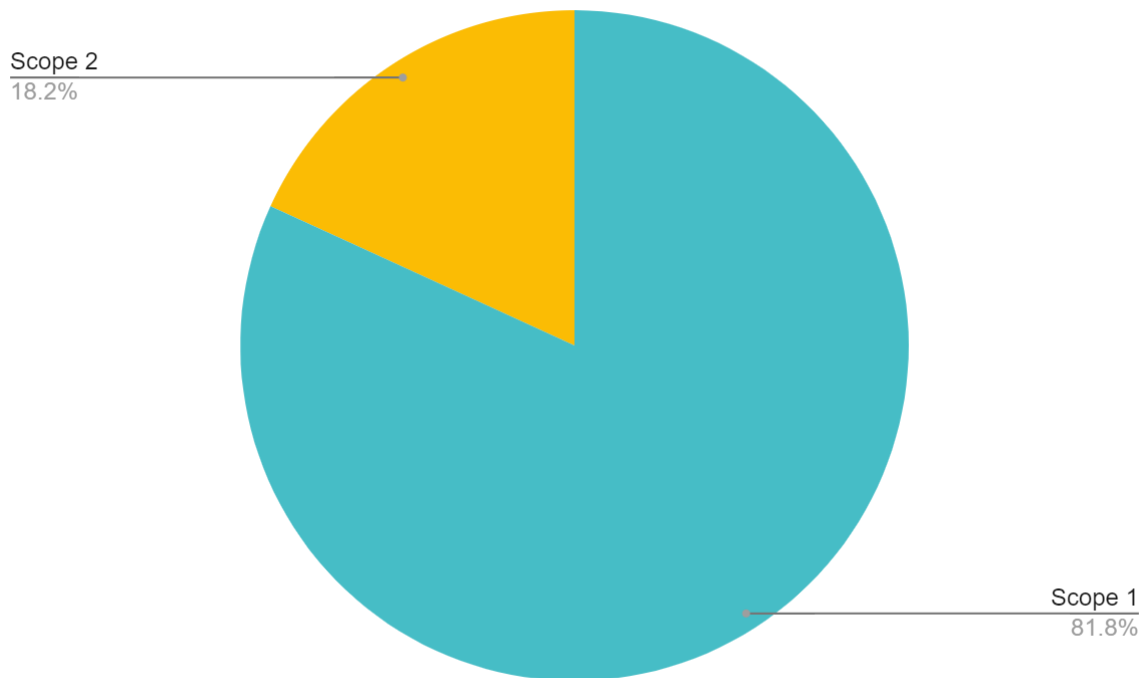
PAS 2060 Requirement	Response
Declaration of achievement:	Carbon neutrality of all operational Scope 1 and 2 emission sources in accordance with PAS 2060 for the period of 1st of January 2020 to the 31st of December 2020.
Location-based carbon footprint of the subject for the period stated above:	69.19 tCO <sub>2</sub> e
Which PAS 2060 recognised methodology has been followed to achieve carbon neutrality?	WRI Greenhouse Gas Protocol: Corporate Accounting and Reporting Standard (Revised Edition).
How have the reductions in GHG emissions during this period been achieved?	As this is the baseline year, 100% of Scope 1 and 2 emissions have been offset for the period of 1st of January 2020 to the 31st of December 2020.
Location of the GHG emissions report supporting this claim:	See Carbon Footprint Calculation section.
Locations of the details describing internal reductions achieved:	See Carbon Management Plan section.
Locations of the details describing the carbon offsets:	See Carbon Offset Strategy section.

Signatories	Name and Title	Signature	Date
Name of 3rd party assessor	Joe Venables Senior Sustainability Consultant		24/03/22
Name of senior internal representative			



## Carbon Footprint Calculation

Breakdown of Scope 1 and 2 emission sources covering the reporting period of 1st of January 2020 to the 31st of December 2020.



Absolute Scope 1 and 2 emissions by source of impact covering the reporting period of 1st of January 2020 to the 31st of December 2020.

Scope	Source	GHG Emission (tCO <sub>2</sub> e)
Scope 1	Roastery gas consumption	56.51
Scope 2	Roastery electricity consumption	11.86
Scope 2	Head office electricity consumption	0.81
Total	All Scope 1 and 2 sources	69.19

### Calculation methodology

All Scope 1 and 2 emissions are calculated in line with the WRI's Greenhouse Gas Protocol: Corporate Accounting and Reporting Standard (Revised Edition) where emission boundaries are based on the operational control approach.

All Scope 1 and 2 emission factors are taken from the 2020 version of the UK Government GHG Conversion Factors for Company Reporting document published by DEFRA.



## Data sources

All primary kWh energy consumption data for electricity and natural gas is taken from utility invoices. Where year-end invoices did not end a calendar month, consumption is prorated to ensure consumption accurately reflects the reporting period. This calculation is detailed below.

$$\text{Prorated consumption} = \left( \frac{\text{number of days on invoice}}{\text{number of days in the reporting period}} \right) \times \text{consumption on invoice}$$

## Carbon Management Plan

Emission reduction activities are not included for the 2020 period as this is the baseline year.

Initiative	Anticipated carbon savings	Implementation year
Air conditioning run-time optimisation.	1%	2021
Coffee roaster insulation.	1%	2021
Occupancy light sensors in toilets.	1%	2021
Purchase plug timers for large electronic appliances.	1%	2021
Conduct regular inspections of heating and cooling equipment to ensure that they are running at maximum efficiency and not becoming obsolete.	1%	2022
Minimise the use of air compressor units to only times when necessary.	1%	2022
Conduct annual stack emissions tests to ensure that Pact Coffee's roasters are operating at suitable levels, as well as ensuring that filtration equipment is running optimally.	1%	2022
Conduct regular inspections of air conditioning lines to ensure there are no leakages possibly affecting the efficiency of the equipment.	1%	2022
Switch roastery electricity to 100% renewable energy sourced from Octopus Energy.	18%	2022



The following section details Pact Coffee's offsetting strategy over the commitment period where 100% of Scope 1 and 2 emissions are offset each and every year.

Seismic Change Limited confirms that 70 carbon credits were retired on behalf of Pact Coffee and the quantity offset was equal to Pact Coffee's total Scope 1 and 2 footprint in 2020. 100% of these credits were verified to the Gold Standard and were retired in the Gold Standard Registry.

*We are delighted to confirm the retirement of*  
**70 Verified Emission Reductions (VERs)**  
*for*  
**Your Grind Ltd**  
*on 02/07/2021*

Ceará Renewable Energy Project, Brazil - (70x)

*These credits have been retired, saving **70** tonnes of CO2 emissions  
from being released into the atmosphere.  
Thank you for investing in a safer climate and more sustainable world.*

Order number: [GSM6719](#)

**Gold Standard**

Retirement certificates are hosted on the Gold Standard Impact Registry, [view your certificate](#).

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