



PZ Cussons PLC PAS2060:2014 Carbon Neutrality Qualifying Explanatory Statement (FY2019-2020)

7th September 2021

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1. Introduction

In accordance with BSI PAS 2060, this document presents the declaration of achievement of neutrality through a set of Qualifying Explanatory Statements and public disclosure of documentation supporting PZ Cussons plc's carbon neutrality claim for the Agecroft and Aviator Way sites, both of which are in the UK.


1.1 General information

Information required under PAS2060 guidance	
Subject of PAS 2060 declaration	PZ Cussons plc's Scope 1, Scope 2 (market-based) and Scope 3 (business travel by car) emissions from the UK Agecroft and Aviator Way sites.
Type of conformity assessment	Other party verification – Verco Advisory Services Ltd
Application period	1 June 2019 – 31 st May 2020
Prepared by	Olivia Roberts and Zoe Saillard, Verco
Date	7th September 2021
Checked by	Tim Crozier-Cole, Verco

1.2 Declaration of achievement of carbon neutrality

“Carbon neutrality of PZ Cussons plc's Scope 1, Scope 2 (market-based) and scope 3 (business travel by car) emissions from the UK Agecroft and Aviator Way sites achieved by PZ Cussons plc in accordance with PAS 2060 as of 7th September 2021 for the period commencing 1st June 2019 to 31st May 2020, Verco Advisory Services Ltd declared.”

This QES contains all the required information on the carbon neutrality of the given subject, and will be made publicly available on our website: <https://www.pzcussons.com/>

Name:	Joanna Gluzman
Position:	Chief Sustainability officer
Signature:	
Date:	17/9/21

2. Carbon footprint

Methodology

The methodology used in this statement was applied in accordance with its provisions and the principles set out in PAS 2060 were met.

Greenhouse gas emissions have been calculated following the WRI/WBCSD GHG Protocol using automatic meter reads and company data for business travel and refrigerant emissions. Emissions factors have been taken from DEFRA 2020 data and the electricity supplier E-on's market-based grid factor.

Emissions summary (FY 2019-20)

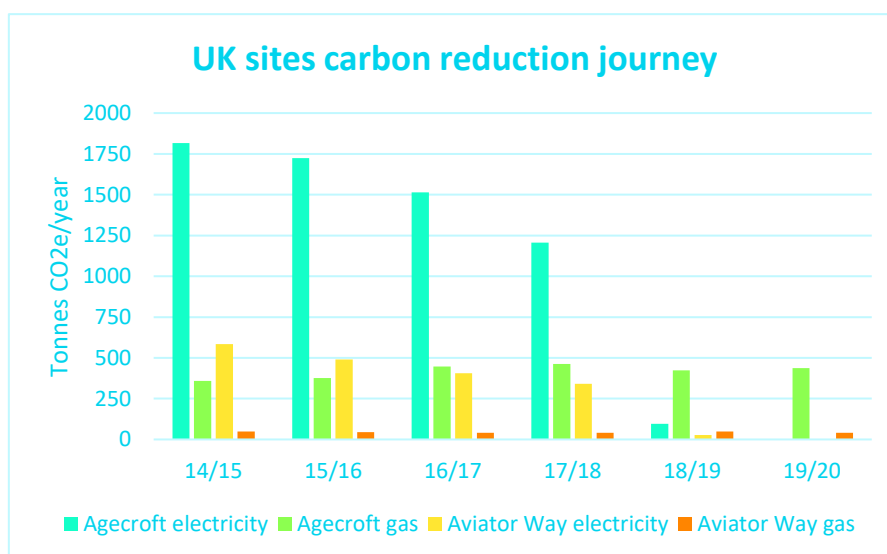
The assessment boundary of this study was scope 1 and 2 emissions for Agecroft and Aviator Way (using market-based emission factor for scope 2 emissions) and business travel. Use of refrigerants was also considered, however none were found to have been used in the reporting period of 1st of June 2019 to the 31st of May 2020.

The following tables below summarises the emissions calculated and their respective sources.

Source of emissions	Total CO ₂ equiv. (t/yr)	Proportion of total
Premises –Grid electricity – market based	-	0%
Premises - Natural gas combustion	478	97%
Premises - Refrigerants	-	0%
Business travel - Petrol cars	16	3%
Total	494	100%

Source of Emissions	Scope 1	Scope 2	Scope 3	Equivalent emissions (tCO ₂ e/yr)
Agecroft	438	-	-	438
Aviator Way	40	-	16	56
Total	478	-	16	494

Emissions reductions to date



The above graph illustrates the gradual decline in scope 1 and 2 emissions from 2014/15 to 2019/20 across both Agecroft and Aviator Way, without reference to offsetting. The reduction in tonnes of CO₂e/year is attributed to site energy efficiency and continuous improvement programs. Furthermore, in June 2018 PZ Cussons moved across to 100% renewable electricity tariff resulting in greatly reduced market-based electricity emissions in 2018/19 and zero emissions from this source in 2019/20.

3. Carbon management plan

The activities and initiatives that PZ Cussons plan to implement to achieve carbon neutrality involve suggestions put forward in a recent ESOS report submitted in response to a site audit. The individual opportunities found from that audit can be found in Annex B alongside other carbon reduction initiatives and planned feasibility studies.

Additional plans for Agecroft's ongoing carbon reductions include a change to office working spaces; due to COVID 19, office personnel will not be in the office 5 days a week in the future. Instead, they will be working remotely with the occasional day per week in the office. Whilst home working is constant, due to COVID 19 restrictions, the office is being refitted with improvements to follow.

PZ Cussons plc is an annual responder to the CDP: <https://www.cdp.net>

4. Carbon offsets

As of the 7th of May 2021, PZ Cussons have purchased 1,200 tCO₂e. Of this quantity, 494 tonnes are to offset the FY2019-20 emissions detailed in section 2. The remainder is to be retired against future years.

The Gold Standard registry entry for this purchase can be viewed here:
<https://registry.goldstandard.org/credit-blocks/details/178480>.

Further details are shown below:



This is to certify that

PZ Cussons

has offset

1200 tCO₂e

**Related to Project Promoting Improved Cooking Practices in Nigeria, based on methodology Gold Standard TPDDTEC, Version 3.1
Location: Nigeria**

A handwritten signature in black ink, appearing to be "Gerald Maradan".

Gerald Maradan,
EcoAct Group Managing Director

REF: A2021 - 11360

Date: 07/05/2021





Carbon Clear Ltd
Unit A, 70-78 York Way
N19AG London
United Kingdom

ECOACT - REGISTRE CARBONE / CARBON REGISTRY

(Crédits carbone / Carbon credits)

CERTIFICAT DE TRANSFERT / TRANSFER CERTIFICATE

Type mouvement/Operation type : Cession **Date du mouvement/Transfer date :** 07/05/2021

Compte débité/Debited account : Carbon Clear

Compte crédité/Credited account : PZ Cussons

Quantité transférée/Quantity transferred : 1200

Numéro de série/Serial number : VER - Promoting Improved Cooking Practices in Nigeria -
372536 - 1 - 1 -2018 - 31 - 12 - 2018

Projet sous-jacent : **Projet de distribution de foyers améliorés au Nigeria, basé sur la**
méthodologie Gold Standard TPDDTEC, Version 3.1
Localisation :

Underlying project: **Gold Standard TPDDTEC, Version 3.1, based on methodology Gold Standard**
TPDDTEC, Version 3.1
Location:

Vintage des VER/VER vintage : 01/01/2018 - 31/12/2018

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5. Annex A: PAS2060:2014 check list

No.		Section
1	Define standard and methodology use to determine its GHG emissions reduction.	1. Introduction
2	Confirm that the methodology used was applied in accordance with its provisions and the principles set out in PAS 2060 were met.	1. Introduction
3	Provide justification for the selection of the methodologies chosen to quantify reductions in the carbon footprint, including all assumptions and calculations made and any assessments of uncertainty. <i>(The methodology employed to quantify reductions shall be the same as that used to quantify the original carbon footprint. Should an alternative methodology be available that would reduce uncertainty and yield more accurate, consistent, and reproducible results, then this may be used provided the original carbon footprint is re-quantified to the same methodology, for comparison purposes. Recalculated carbon footprints shall use the most recently available emission factors, ensuring that for purposes of comparison with the original calculation, any change in the factors used is taken into account).</i>	2. Carbon footprint
4	Describe the means by which reductions have been achieved and any applicable assumptions or justifications.	3. Carbon management plan
5	Ensure that there has been no change to the definition of the subject. <i>(The entity shall ensure that the definition of the subject remains unchanged through each and every stage of the methodology. In the event that material change to the subject occurs, the sequence shall be re-started on the basis of a newly defined subject.)</i>	1. Introduction
6	Describe the actual reductions achieved in absolute and intensity terms and as a percentage of the original carbon footprint. <i>(Quantified GHG emissions reductions shall be expressed in absolute terms and shall relate to the application period selected and/or shall be expressed in emission intensity terms (e.g. per specified unit of product or instance of service)).</i>	2. Carbon footprint
7	State the baseline/qualification date.	1. Introduction

8	Record the percentage economic growth rate for the given application period used as a threshold for recognising reductions in intensity terms.	N/A
9	Provide an explanation for circumstances where a GHG reduction in intensity terms is accompanied by an increase in absolute terms for the determined subject.	N/A
10	Select and document the standard and methodology used to achieve carbon offset.	4. Carbon offsets
11	<p>Confirm that:</p> <ul style="list-style-type: none"> • Offsets generated or allowance credits surrendered represent genuine, additional GHG emission reductions elsewhere. • Projects involved in delivering offsets meet the criteria of additionality, permanence, leakage and double counting. (See the WRI Greenhouse Gas Protocol for definitions of additionality, permanence, leakage and double counting). • Carbon offsets are verified by an independent third-party verifier. • Credits from Carbon offset projects are only issued after the emission reduction has taken place. • Credits from Carbon offset projects are retired within 12 months from the date of the declaration of achievement. • Provision for event related option of 36 months to be added here. • Credits from Carbon offset projects are supported by publicly available project documentation on a registry which shall provide information about the offset project, quantification methodology and validation and verification procedures. • Credits from Carbon offset projects are stored and retired in an independent and credible registry. 	4. Carbon offsets
12	<p>Document the quantity of GHG emissions credits and the type and nature of credits actually purchased including the number and type of credits used and the time period over which credits were generated including:</p> <ul style="list-style-type: none"> • Which GHG emissions have been offset. • The actual amount of carbon offset. • The type of credits and projects involved. • The number and type of carbon credits used and the time period over which the credits have been generated. 	4. Carbon offsets

- For events, a rationale to support any retirement of credits in excess of 12 months including details of any legacy emission savings, taken into account.
- Information regarding the retirement/cancellation of carbon credits to prevent their use by others including a link to the registry or equivalent publicly available record, where the credit has been retired.

13	Specify the type of conformity assessment:	1. Introduction
14	Include statements of validation where declarations of achievement of carbon neutrality are validated by a third-party certifier or second party organizations.	7. Verco verification statement
15	Date the QES and have it signed by the senior representative of the entity concerned (e.g., CEO of a corporation; Divisional Director, where the subject is a division of a larger entity; the Chairman of a town council or the head of the household for a family group).	1. Introduction
16	Make QES publicly available and provide a reference to any freely accessible information upon which substantiation depends (e.g., via websites).	QES will be made available company website.

6. Annex B: Energy audit opportunities

Opportunity	Summary	Target completion date	Annual energy saving (kWh/year)
Compressed Air Leaks	Work plan to find air leaks and repair.	Nov-21	195,000
Review of Site Shutdown Procedure for the Weekend	Review weekend loads. Create an optimised shut down procedure and implement.	Mar-21	17,100
Conveyor Auto Stop all lines when no product present	Review potential energy savings from automatically stopping conveyors when there is no production. Implement viable improvements.	Nov-21	4,400
Review of Shrink Tunnel efficiency for all factory lines	Shrink tunnels on packing lines are one of the largest energy users on site. Review configuration and operation of the shrink tunnels and implement optimised settings.	May-21 First packing line completed. Other 4 lines being reviewed during FY22 based when move to new film containing recycled content.	50,000
LED lights for IC-L Factory Offices	Installation of LED lights in all the IC-L liquids offices	Currently 70% complete across site. Forecast completion end FY23.	5,400
Hydrogen ready CHP	New CHP plant supplying electricity & steam to the factory/	Investigation to be completed by end FY22.	
Renewables	Investigate opportunities for Solar and wind	Investigation to be completed by end FY22.	
Heat pump	Investigate opportunities for heat pump used on site.	Investigation to be completed by end FY22.	

7. Verco validation statement

PZ Cussons plc commissioned Verco to verify the methodology and data as part of an “other party” validation process for the period 1st June 2019 to 31st May 2020 for carbon neutrality declaration for PZ Cussons plc’s Scope 1, Scope 2 (market-based) and Scope 3 (business travel by car) emissions from the UK Agecroft and Aviator Way sites.

The following activities were conducted:

1. Review of emissions footprint methodology and results
2. Review of Carbon Management Plan and verified emissions
3. Documentation of carbon offset sourcing
4. Issuance of verification statement and completion of PAS 2060 validation process and Qualifying Explanatory Statement (QES).



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