



PZ Cussons PLC PAS2060:2014 Carbon Neutrality Qualifying Explanatory Statement (FY2020-2021)

5th October 2022

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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 2020 – 31 st May 2021
Prepared by	Hannah Jones, Verco
Date	5 th October 2022
Checked by	Tim Crozier-Cole, Verco

1.2 Declaration of achievement of carbon neutrality

“Carbon neutrality of PZ Cussons plc’s Scope 1 and Scope 2 (market-based) emissions from the UK Agecroft and Aviator Way sites achieved by PZ Cussons plc in accordance with PAS 2060 as of 9th September 2022 for the period commencing 1st June 2020 to 31st May 2021, 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:	6 th October 2022

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 2021 data and the electricity supplier E-on's market-based grid factor.

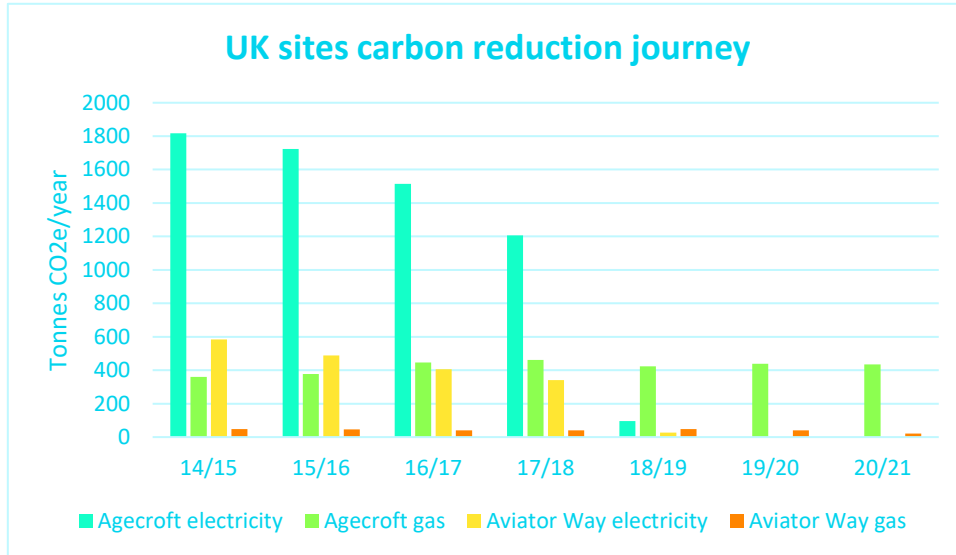
Emissions summary (FY 2020-21)

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). 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	0%
Premises - Natural gas combustion	485	62%
Premises – Refrigerants	301	38%
Total	785	100%

Source of Emissions	Scope 1	Scope 2	Equivalent emissions (tCO ₂ e/yr)
Agecroft	662	-	662
Aviator Way	123	-	123
Total	785	-	785

Emissions reductions to date



The above graph illustrates the gradual decline in scope 1 and 2 emissions from 2014/15 to 2020/21 across both Agecroft and Aviator Way. The overall reduction in tonnes of CO₂e/year can be attributed to site activities and initiatives prior to offsetting. The overall reduction in tonnes of CO₂e/year prior to offsetting can be attributed to site energy efficiency and continuous improvement programs. In June 2018 we moved across to 100% renewable electricity source.

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.

Additional plans for our office space ongoing carbon reductions include a change to our ways of working; due to COVID 19, our office personnel now work a 2-2-1 hybrid system, we have also completed the Aviator Way head office refit with energy improvements fully incorporated.

PZ Cussons plc is an annual responder to the CDP: <https://www.cdp.net>. Work is now underway to calculate the Group's complete scope 1, 2 and 3 footprint with a view to setting a validated science based emission reduction target.

4. Carbon offsets

PZ Cussons purchased 1,200tCO₂e of carbon credits in 2021. Of this quantity, 494 tonnes were to offset the FY2019-20 emissions detailed in the last published QES for FY19-20, leaving the remainder (706tCO₂e) for FY2020-21 offsetting requirements.

PZ Cussons purchased a further 13,000tCO₂e offsets in 2022.

The emissions detailed in section 2 (785tCO₂e) are thus offset by the retirement of 706 tCO₂e carbon credits from Nigerian cook stoves (remainder of 2021 offset purchase) and 79tCO₂e from the 13,000tCO₂e bought in 2022

Further details of all offset purchases related to this QES are provided 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 TPDTEC, Version 3.1

Location: Nigeria

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

eco-act.com 35, rue de Miromesnil 75008 Paris - France Tél. +33 (0)1 83 64 08 70 contact@eco-act.com

Certificate

Partner in
climate action

PZ Cussons (International) Limited

PZ Cussons

This certificate confirms the offset
of carbon emissions by additional
carbon offset projects.

CO₂-equivalents

9,000,000 kg

Supported offset project

**Clean cookstoves
Abuja
Nigeria**

ClimatePartner-ID

19182-2204-1001

Issued on

07.04.2022

Use the following URL for more
information about the offset and the
supported carbon offset project:

climatepartner.com/19182-2204-1001



ECOACT – REGISTRE CARBON / CARBON REGISTRY

(Crédits carbone / Carbon credits)

CERTIFICAT DE TRANSFERT / TRANSFER CERTIFICATE

Type movement / Operation type: Transfer / Transfert

Date du transfert / Transfer date: 08/07/2022

Compte débité / Transferor: Carbon Clear

Compte crédité / Transferee: PZ Cussons

Quantité transférée / Quantity transferred: 4000

Numéro de série / Serial number: GS1-1-ID-GS7164-12-2020-20659-152951-156950

Projet sous-jacent / Underlying project: 72 MW Wind power project in the South Sulawesi Province of Indonesia (Rantemario Wind), based on methodology ACM0002, Version 20.0
Location: Indonesia

Vintage des VER / VER vintage: 2020-01-01 - 2020-10-30



We are delighted to confirm the retirement of
4000 Verified Emission Reductions (VERs)
for
Carbon Clear Limited
on 08/07/2022

**72 MW Wind power project in the South Sulawesi Province of Indonesia
Retired on behalf of PZ Cussons**

*These credits have been retired, saving **4000** tonnes of CO2 emissions
from being released into the atmosphere.
Thank you for investing in a safer climate and more sustainable world.*

Gold Standard

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

Gold Standard | Chemin de Balévert 7-9 1219 Châtelaine, International Environment House 2, Switzerland | goldstandard.org, +41 22 788 70 80, help@goldstandard.org

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 2020 to 31st May 2021 for carbon neutrality declaration for PZ Cussons plc’s Scope 1 and Scope 2 (market-based) 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. Review of evidence of carbon offset purchase
4. Issuance of verification statement and completion of PAS 2060 validation process and preparation of Qualifying Explanatory Statement (QES).



Solutions for a zero carbon world

Verco helps companies reduce their environmental impact and save money through data driven analysis, grounded advice and real-world solutions.