


Qualifying Explanatory statement for Birmingham County Football Association **PAS2060:2014**



Prepared for: Birmingham County Football Association

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Date: 18 October 2023

Introduction

This document forms the Qualifying Explanatory statement (QES) for Birmingham County Football Association fixtures held between 02 April 2023 and 15 May 2023 which demonstrates the commitment and achievement of carbon neutrality in accordance with PAS2060:2014. Birmingham County Football Association has committed to and achieved carbon neutrality under the guidelines of PAS2060:2014.

The information contained within is believed to be correct at the time of issue. The data and information have been subject to limited verification through the achievement of the Planet Mark certification. The Planet Mark is a sustainability certification for organisations. The certification recognises continuous improvement, encourages action, and builds an empowered community of like-minded individuals. Should any information present itself that would affect the information within it will be updated accurately to reflect the current status of this Birmingham County Football Association QES.

PAS2060 requirements

Entity making declaration	Birmingham County Football Association
Description of the entity	The not-for-profit governing body for football in Birmingham, the Black Country, Coventry, and Warwickshire
Boundary of declaration	The Molineux; Birmingham County FA HQ; Walsall FC locations, (3 games at Walsall, 1 at Molineux and BCFA Headquarters)
Rational for boundary selection	The boundary represents the majority of emissions associated with the event that they have direct control over
Emissions scope	Electricity, T&D Losses, Natural Gas, On-Site Renewables, Water, Travel, Waste, Food & Beverages
Methodology and standards used	Greenhouse Gas (GHG) Protocol and in accordance with IPCC Principles
Why has this methodology been chosen	The methodology employed shall minimise uncertainty and yield accurate, consistent and reproducible results
Certified by	Planet Mark, an Independent third-party certification
Baseline date for PAS2060	09 August 2023
Achievement period	12 October 2023

Declaration of Achievement

Birmingham County Football Association has achieved carbon neutrality in line with the guidelines of PAS2060:2014.

Carbon neutrality of Birmingham County Football Association fixtures held between 02 April 2023 and 15 May 2023 was achieved by Birmingham County Football Association in accordance with PAS 2060 on 12 October 2023.

PAS2060 requirements	Response
Achievement period	12 October 2023
Total carbon footprint (location-based)	106.1 tCO ₂ e
Baseline	09 August 2023
Which PAS2060 method	Independent third-party certification
Carbon neutrality option	I3P-3 Independent third-party certification – unified
Location of GHG emissions report	Section A
Location of details describing internal reductions	Section B
Location and details about the carbon offsets	Section C

Signed by a senior company representative.

Name: Richard Lindsay

Date: 18/10/2023

Declaration of Commitment

Birmingham County Football Association has committed to carbon neutrality in line with the guidelines of PAS2060:2014.

Carbon neutrality of Birmingham County Football Association fixtures held between 02 April 2023 and 15 May 2023 was achieved by Birmingham County Football Association in accordance with PAS 2060 on 12 October 2023.

PAS2060 requirements	Response
Entity making declaration	Birmingham County Football Association
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Signed by a senior company representative.

Name: Richard Lindsay
Date: 18/10/2023

Section A. Carbon Footprint

The information contained within Section A. relates to the carbon footprint of the entity and any information related to the methodology, assumptions, and data quality. The carbon footprint has been prepared by Planet Mark in line with The GHG Protocol Corporate Accounting and Reporting Standard.

The event boundary has been defined in terms of the venue, duration (number of days), spectators, participants, and employee numbers, and event area (square metres). The below key areas have been deemed material and therefore have been included within the footprint for this event:

- Buildings – This includes utilities used at all venues.
- Travel – This includes travel for groups such as match officials, spectators, backroom staff, and volunteers.
- Waste – This includes all waste created on the days of fixtures.
- Food – This includes all food sold on days of fixtures.

All other emissions sources (for example event planning and promotion services) were deemed to be negligible due to being handled internally.

The pre-event plan has considered the above elements in terms of relevance but also where the largest emissions are likely to come from. Travel emissions were expected to be the largest emissions source therefore extra effort was placed in ensuring the data was as accurate as possible. Where possible it was encouraged that all travel to be shared and public transport to be taken where possible to reduce emissions.

The post-event carbon footprint was calculated using the below assumptions from data provided by the Birmingham County Football Association:

- Electricity and gas usage at the Birmingham County FA HQ has been estimated based on the monthly electricity usage. It has been assumed that match days used twice the amount of electricity as non-match days. No electricity data was reported for Walsall FC games, so this has been estimated using electricity data from Molineux as a proxy.
- Water usage at the Birmingham County FA HQ has been estimated based on the water usage for April and May. It has been assumed that match days used twice the amount of water as non-match days. No water data was reported for Walsall FC games, so this has been estimated.
- Travel distances for spectators who purchased tickets on the day have been estimated using the average of the known distances and mode of travel used by spectators for that game. Where these are unknown, distance has been estimated from cost.
- Waste emissions have been calculated using both known weights and estimated from the number of containers emptied. It has been assumed that match days produce twice the amount of waste as non-match days.
- Emissions for Food and beverages have been calculated using cost-based emissions factors and using the Molineux fixture as a proxy.

Carbon Footprint breakdown:

		Current			
		02 April 2023 to 15 May 2023			
Source	Scope Unit	Amount	tCO₂e	% total carbon footprint	
Buildings					
Electricity (location-based)	2 kWh	2,526.63	0.3	0.3%	
Electricity (market-based)	2 kWh	2,526.63	0.3	-	
Natural Gas	1 kWh	1,599.78	0.3	0.3%	
T&D Losses	3 kWh	2,526.63	0.3	0.03%	
Procurement					
Food and Beverages	3 £	23,135.94	13.8	12.9%	
Travel					
Bus	3 passenger.km	762.73	0.4	0.3%	
Car (Unknown Fuel)	3 km	529,463.36	90.4	84.9%	
Van	3 km	2,888.12	0.7	0.6%	
Rail Travel	3 passenger.km	105.83	0.004	0.004%	
Taxi	3 km	133.38	0.03	0.03%	
Waste					
Energy from Waste	3 tonnes	2.94	0.1	0.1%	
Landfill	3 tonnes	0.18	0.1	0.1%	
Recycled	3 tonnes	0.87	0.02	0.02%	
Water					
Water Supply	3 cubic metres	81.58	0.01	0.01%	
Water Treatment	3 cubic metres	81.58	0.02	0.02%	
Location-Based					
Total			tCO₂e	106.1	
No. employees			Number	253	
Total per employee			tCO₂e	0.4	
No. spectators			Number	11,742	
Total per spectator			tCO₂e	0.009	
No participants			Number	3,426	
Total per participant			tCO₂e	0.03	
Market-Based					
Total			tCO₂e	106.1	
No. employees			Number	253	
Total per employee			tCO₂e	0.4	
No. spectators			Number	11,742	
Total per spectator			tCO₂e	0.009	
No participants			Number	3,426	
Total per participant			tCO₂e	0.03	

All rows and tables are rounded to 2 decimal places. This may lead to slight discrepancies in totals within the report.

Section B. Carbon management plan

This is the first year Birmingham County Football Association fixtures have achieved carbon neutrality.

Birmingham County Football Association have committed to reduce their emissions in future events and set the following targets to reduce their emissions in future Birmingham County Football Association fixtures.

Focus	SMART	How?	Measure(s)	Responsible	Deadline
Travel (this includes participants, venue staff and supporters).	Reduce the number of single occupancy journeys to the 15 cup finals by 50%.	<p>Where possible select venues close to or central location to competing teams with good public transport links.</p> <p>Ensure public transport is included in all promotional activities.</p> <p>Reward/incentivise individuals who use active/public transport.</p> <p>Promote the use of our digital Liftshare app and set up sub-groups specifically for cup final travel.</p> <p>Survey all those who attend to understand how they travelled.</p> <p>Charge for parking.</p>	20% Reduction in the overall travel baseline CO ₂ e calculation from 2023 of 91.4 tonnes CO ₂ e down to 71.3 tonnes.	Richard Lindsay (Sustainability & Business Insights Manager)	May 2024
Building (electricity and gas).	Reduce energy/water consumption across all venues by 10%.	<p>Establish a framework to understand how much Electricity, Gas, and Water are used on a match day at each venue, versus a non-match day. This will reduce reliance on estimations.</p> <p>Ensure meter reads are taken before and after each of the fixtures, to accurately assess the amount of Electricity, Gas and Water being used during each event.</p>	Meter reads Utility bills	Richard Lindsay (Sustainability & Business Insights Manager)	May 2024

Food &
Beverage.

To gather 100% accurate data on all food & beverage sales at each venue.

Work with venues to set out a plan to record all Food and Beverage sales including those consumed in hospitality at each location before the games take place.

EPOS systems

Work with hospitality team at venues

Accurate menu's

Richard Lindsay
(Sustainability &
Business Insights
Manager)

May 2024



Section C. Carbon offsetting strategy

The following information refers to the GHG emissions that have been offset for the reporting period. Birmingham County Football Association has offset 107.0 tCO₂e through Carma Earth, which is more than its location-based footprint of 106.1 tCO₂e, and this has been independently verified by Planet Mark as meeting the criteria for PAS2060.

PAS2060 requirements	Response
Number of carbon credits used:	107.0 tCO ₂ e
Project standard (verified by):	Verra
Type of carbon credits used:	https://registry.verra.org/app/projectDetail/VCS/536
Time period for carbon credits:	https://registry.verra.org/app/projectDetail/VCS/536
Date carbon credits retired:	12 October 2023
Carbon credit registry:	https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&h=218738

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