



23 December 2021

Qualifying Explanatory Statement in support of PAS 2060:2014

Certification provided by Go Green Experts Ltd


Introduction

This document forms the Qualifying Explanatory Statement to demonstrate WRFC Trading Ltd trading as Sixways Stadium has achieved carbon neutrality under the guidelines of PAS 2060:2014 and is committed to achieving carbon neutrality under the guidelines of PAS 2060:2014.

PAS 2060 Information Requirement	Information as it relates to Sixways Stadium
Entity making PAS 2060 declaration	WRFC Trading Ltd trading as Sixways Stadium
Subject of PAS 2060 declaration	The facilities, business and sports activities operated by WRFC Trading Ltd. Scope 1 & 2 emissions plus selected scope 3 emissions.
Description of Subject	<p>Sixways Stadium is a sports stadium and conference centre in Worcester, U.K. The Stadium is home to Worcester Warriors, a professional English rugby union club, playing in the English Premiership as well as other sports teams including Worcester Raiders football team.</p> <p>The stadium has extensive restaurant and bar facilities and holds functions as well as entertainment and community activities. Sixways Stadium is based in Worcester in the U.K.</p>
Rationale for selection of the subject	<p>The scope and subject of this PAS 2060 includes Scope 1 & 2 plus selected scope 3 emissions based on the operational control principle defined in the 2014 WRI GHG Protocol – Corporate Accounting Standard.</p> <p>The subject reflects WRFC's emissions from owned and leased spaces and travel. This enables the business to have direct influence over the reduction of emissions.</p>
What type of conformity assessment has been/is to be undertaken?	Third-party assessment by Go Green Experts Ltd
Individual(s) responsible for the evaluation & provision of data necessary for substantiation of the declaration	Gené Willis, Head of Operations
Baseline date for PAS 2060 programme	1 June 2020 to 31 May 2021
Achievement Period	1 June 2020 to 31 May 2021
Commitment Period	1 June 2021 to 31 May 2023

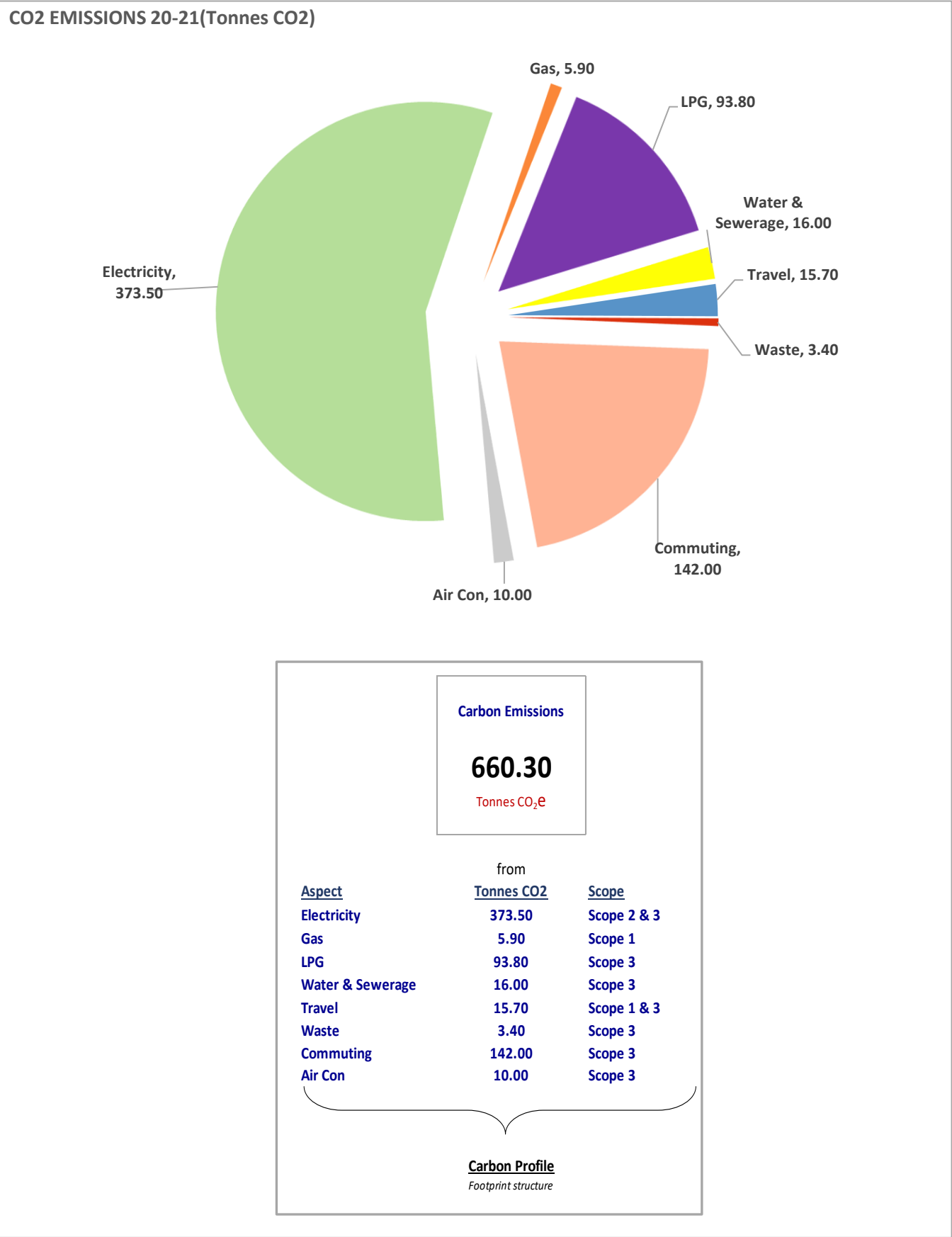
This Qualifying Explanatory Statement contains information pertaining to the subject's carbon neutrality. Any and all information herein is believed to be correct at the time of publishing. Should any information come to light that would affect the validity of the statements herein, this document will be updated to accurately reflect the current status of any carbon-neutral statement made by WRFC Trading Ltd.

Declaration of achievement of carbon neutrality

PAS 2060 Information Requirement			Information as it relates to WRFC Trading Ltd	
State the period during which the entity is demonstrating achievement of carbon neutrality of the subject.			Application period: Total: 660.3 tonnes CO₂e	
Which method, as defined by PAS 2060, has been followed to achieve carbon neutrality?			Method 1: Demonstrating carbon neutrality	
How have the reductions in GHG emissions during this period been achieved?			As this is the baseline period measured in retrospect then 100% of the emissions have been offset	
Location of the GHG emissions report supporting this claim.			Appendix A of this document	
Location of the details describing internal reductions achieved during the period.			Appendix B of this document	
Location of the details describing the carbon offsets.			Appendix C of this document	
Location of the description of treatment of scope 3 emissions.			Appendix D of this document	
Location of the confirmation that all elements required for PAS 2060 have been undertaken			Appendix E of this document	
Signatories	Name	Title	Signature	Date
Name of 3 rd Party part assessor	Dominic Lavelle	Managing Director – Go Green Experts Ltd		23 December 2021
Name of senior internal representative	Peter Kelly	Managing Director - WRFC Trading Ltd		23 December 2021

Appendix A – Carbon Footprint Assessment

Greenhouse gas emissions for the period 1 June 2020 to 31 May 2021



Standard and methodology used

WRFC Trading Ltd Greenhouse Gas (GHG) Emissions are categorised as Scope 1, 2 or 3 as referred to in the WBCSD-WRI Greenhouse Gas Protocol emissions in carbon dioxide equivalent (CO₂e). Scopes 1 and 2 are calculated using the conversion factors listed in the 2020 BEIS Greenhouse Gas Conversion Factors.

Data Quality/Confidence

Go Green Experts Ltd has carried out a review of the data sets submitted for July 2019 – July 2020 and July 2020 – July 2021 by WRFC Trading Ltd. These included:

1. Energy and water consumption.
 2. Purchased goods and services.
 3. Data for premises: Sixways Stadium
 4. Company Vehicles
 5. Travel
 6. Waste
- A walkaround of the facility was also conducted by a Go Green Experts Consultant to identify potential carbon saving opportunities.

WRFC Trading Ltd operates sporting and hospitality operations in Worcester, U.K.

Go Green Experts have examined the business data and prepared an assessment of the carbon footprint on scope 1, scope 2 plus significant scope 3 emissions. The assessment has considered emissions from the day-to-day operations of the company.

These data sets allowed Go Green Experts Ltd to produce a carbon footprint for Scope 1 & 2 emissions plus significant Scope 3 emissions.

Supporting documentation was also made available by WRFC Trading Ltd. This is the first time WRFC Trading Ltd has undertaken a carbon footprinting exercise. The ongoing plan to reduce emissions over the commitment period includes initiatives to allow WRFC Trading Ltd to capture more data for future carbon footprinting reporting and management.

For example, there are considerable scope 3 emissions for purchased materials that are outside the company's direct control but can be influenced by the company. Supply chain emissions have been excluded at this stage pending further assessment, which will be completed as part of WRFC Trading Ltd's 12-month plan during the commitment period.

Appendix B – Carbon Footprint Management Plan

Historical Emission Reduction Progress for the Previous Period

None, as this is the baseline period.

Ongoing Emissions Reduction Plan – For the PAS 2060 Commitment Period

The ongoing plan to reduce emissions over the commitment period is summarised below:

Category	Initiative	Description	H1 2022	H2 2022	H1 2023
1. Information Capture	Asset Review	Draw up a register of energy-consuming assets such as. <ul style="list-style-type: none"> • Air Conditioning (Provided) • Heating System and air handling units • Photocopiers • Computer equipment • Refrigeration • Catering equipment – including fryers and ovens 	★		
	Electricity & Gas Energy Audit	<ul style="list-style-type: none"> • Arrange for a full energy audit to be carried out. Current electricity consumption is estimated to 1MW. Go Green Experts to undertake a free review of power consumption and opportunities to implement power factor correction and energy management if required. • In the right circumstances annual savings of up to 10% can be achieved. This is particularly important as the load has significant variations during matches and events. • Keep accurate records of the electricity consumption, take regular, weekly, meter readings. 	★		
	Office equipment	Computers and copiers are currently left on standby. Review the equipment energy consumption, ensure equipment is set to optimum efficiency, consider consumption as a criterion for future purchases, consider what printing is required.		★	
	Electricity & gas	<ul style="list-style-type: none"> • Keep accurate records of electricity consumption. • Installing meters to record night & weekend consumption. 		★	
	Support resources	<ul style="list-style-type: none"> • Investigate the support and insight that can be provided from the new relationship with Forest Green Rovers • Investigate tools available from UN Sports for Climate Action 	★		
	Recent initiatives	Document initiatives to reduce emissions over the past 2 years	★		

Category	Initiative	Description	H1 2022	H2 2022	H1 2023
2. Energy	Refrigeration	<ul style="list-style-type: none"> • Review whether meeting room fridges need to be kept on permanently or only on days when in use. Review the specification of the fridges to ensure that they are operating at their optimum capacity. Check that they are set to the optimum temperature for the drink types • Measure the consumption of the fridges, consider using submetering in order to establish the energy consumption. Complete regularly check for damaged door gaskets, include checking the condenser and evaporator coils. • When purchasing new replacement equipment, check energy ratings. • Review the energy consumption of the cellar cooling equipment. 		★	
	Lighting	<ul style="list-style-type: none"> • Review lighting controls throughout the offices and hospitality areas and add controls where required. (During the walk around review, it was observed that a number of lighting units and display screens were left on in areas that were not being used.) • Execute plan to install Passive Infrared (PIR) systems and replace the lights with LED equivalents. <p>Example: The lights in the board room suite were reviewed. There were 72 units, each consisting of 4 * 18 W fluorescent tubes, half of these were left on while the room was unoccupied. There was a similar picture in the majority of the bars visited during the visit.</p> <ul style="list-style-type: none"> • Review use and timing controls on floodlights. 		★	
	Energy Supply	<ul style="list-style-type: none"> • WRFC Energy Broker and Go Green Experts to review options for top tier sustainable energy suppliers. 		★	

Category	Initiative	Description	H1 2022	H2 2022	H1 2023
3. Waste	Execute Waste plan currently in place	<ul style="list-style-type: none"> Establish quantities and types of waste and details of whether recycled or landfilled. Ensure clearly marked recycling bins are widely available Discuss recycling policy with waste contractors 	★		

Category	Initiative	Description	H1 2022	H2 2022	H1 2023
4. Travel	Team Transport	<ul style="list-style-type: none"> Review environmental policy of transport company. Look to source Electric coaches, which are beginning to come onto the market at scale 		★	
	Employee Transport	<ul style="list-style-type: none"> Sign up to Cycle To Work Scheme & salary sacrifice for Employee EVs Encourage use of public transport Invest in covered cycle parking for employees Sign up to "Go Shift" Scheme and pay a set amount per km (e.g. 50p per km) which goes to your chosen charity (e.g. Warriors Foundation) E-cargo bike grant is available 40% off the cost. This would be useful for using on site and community events. 		★	
	Company Vehicles	<ul style="list-style-type: none"> Investigate electric company vehicles. (3 vans) 		★	
	Supporter Travel	<ul style="list-style-type: none"> Encourage supporters to consider prioritising public transport, car sharing, and cycling. To encourage fans to cycle an incentive could be offered. E.g. having a member of staff by the cycle racks giving away a voucher for a free hot drink. Readjust the priorities on the website: Put information headers ordered by lowest to highest carbon: <ol style="list-style-type: none"> 1. Walking: Discuss lighting and show photos along the canal 2. Cycling: show fans where to park their bikes and route information 3. Bus 4. Train 5. Car park options, including car sharing info and EV charging points Cars are seen to have engines running while stationary during youth training. Consider facilities for parents & supporters to keep warm in winter. 	★		

Category	Initiative	Description	H1 2022	H2 2022	H1 2023
5. Catering	Food Menu	<p>Opportunity to show sustainable, low carbon menus which can be investigated with current caterer and through external catering advice as a comparison. Options to consider include:</p> <ul style="list-style-type: none"> Introduce clear vegan and vegetarian options, and consider these being the "default" choice Show the carbon footprint of all meals using www.klimato.co/ Source locally produced food Consider Fairtrade products Review food packaging and serving plates and wrappings Enquire about caterer's sustainable purchasing policies Plan to eliminate single-use plastics, e.g., cup tops, straws, cutlery <ul style="list-style-type: none"> Consider recyclable or compostable plates and cups Consider vegware cutlery. Consider redistribution of unused food, e.g. increased use of https://toogoodtogo.co.uk/ Consider onsite waste food management Work with onsite food outlets in order to review their policies. 		★	
	Bar	<ul style="list-style-type: none"> Consider deposit return policy on items like drinks cups, bottles, and glasses on match days. For soft drinks serving move to syphon rather than individual bottles. 		★	

Category	Initiative	Description	H1 2022	H2 2022	H1 2023
6. Engagement	Employee Engagement	<ul style="list-style-type: none"> Appoint 'green champions', e.g. to assist with energy management on a day-to-day basis. Raise awareness and consult with employees regarding energy consumption and the wider carbon reduction plan Publish environmental policy and ensure all employees are aware Consider offering rewards to employees who engage with the process of improving environmental performance. 	★		
	Customer / Supporter Engagement	<ul style="list-style-type: none"> Publicise carbon reduction plan on the website and promote on social media and on site Provide regular updates on progress against the plan Offer advice to customers / supporters on how to reduce their own carbon footprint, for example using tips from https://onehome.org.uk/ 	★		
	Official Partner Engagement	<ul style="list-style-type: none"> Ask partners about their own carbon reduction plans Ask partners how they can support WRFC in their carbon reduction goals 	★		
	Supplier Engagement	<ul style="list-style-type: none"> Work with Go Green Experts on sending out a Supplier Survey to gather information on existing supplier environmental credentials. 	★		

Category	Initiative	Description	H1 2022	H2 2022	H1 2023
7. Events	'Zero Carbon' match day	<ul style="list-style-type: none"> To drive focus and engagement around a specific plan for a 'Zero Carbon' match day Work with Go Green Experts to minimise the carbon footprint of the event Promote the event widely Ahead of the event engage with employees, fans, the local community, partners and suppliers 	★		
	Other events: Concerts, ice rink, conferences	<ul style="list-style-type: none"> Complete an audit of a sample event to inform a clear plan on managing future events. Consider producing a carbon footprint report for all major events 			★

Category	Initiative	Description	H1 2022	H2 2022	H1 2023
8. Natural Environment	Data capture & Partnering	<ul style="list-style-type: none"> List biodiversity projects already in progress Document land use currently and opportunities to develop land and surrounding for rewilding. Consider partnering with Worcester Environmental Group on their rewilding projects: www.theweg.org.uk 			★

Category	Initiative	Description	H1 2022	H2 2022	H1 2023
9. New construction	Construction Build	<ul style="list-style-type: none"> Any new construction should be as low carbon as possible. The 'embedded' carbon of the construction can be calculated using online tools such as that provided by the Institute of structural engineers: https://www.istructe.org/resources/guidance/the-structural-carbon-tool/ Consider using low carbon materials such as cross laminated timber (CLT) which can provide an opportunity for a "negative carbon" build 	★		
	Construction life	<ul style="list-style-type: none"> Design any new construction to be low carbon "in life". Consider adopting the Passivhaus Standard https://www.passivhaustrust.org.uk/ Ensure any construction is "future proofed" to ensure maximum useful economic life. For example consider a modular build if construction size may need to be altered in the future. 	★		
	Transport Links	<ul style="list-style-type: none"> For any new construction ensure a sustainable travel strategy is embedded within the design 	★		

Conformance to the Carbon Footprint Management Plan

The following measures will be followed to assess performance against the plan:


A quarterly progress update session will be held between Go Green Experts Ltd and WRFC Trading Ltd during the commitment period to ensure that WRFC Trading Ltd is on track to lower emissions materially during the commitment period.

WRFC Trading Ltd will also consider undertaking an interim carbon footprint calculation Q2 2022 to measure progress during the plan period.

Appendix C – Carbon Offset Strategy

The following information covers the offset strategy for the period of carbon neutrality.

Quantity of GHG emissions to be offset: 661 tonnes CO₂e

<p>Carbon offset strategy</p>	<p>Go Green Experts Ltd have provided WRFC Trading Ltd with Carbon Credits equating to 661 tCO₂e to offset their carbon emissions for the achievement period.</p> <p>The specific project invested in:</p> <div data-bbox="411 683 1426 873">  <div> <p>WORLD LAND TRUST</p> <p>Registered charity no 100291</p> </div> <div> <p>The Conservation Coast Our Carbon Balanced project in Guatemala</p> </div> </div> <p>The project meets the REDD+ international framework and meets the following standards:</p> <ul style="list-style-type: none"> ✓ Verified Carbon Standard – Verra ✓ The Climate, Community and Biodiversity Standards (CCB Standards) ✓ REDD+ <p><i>[Certificate Image inserted here once carbon credits purchased]</i></p> <p><i>[Link to retirement of carbon credits on registry inserted here once credits purchased]</i></p>
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Appendix D – Scope 3 Emissions

In preparing the organisational GHG inventory for the purpose of carbon neutrality Go Green Experts Ltd worked with WRFC Trading Ltd to adopt a traditional organisational boundary that includes all scope 1, 2 and an element of scope 3 emission sources, excluding purchases. The scope 3 emissions included are those that WRFC Trading Ltd has the greatest level of control over.

PAS 2060 recommends including all scope 3 emission sources that are technically feasible and cost-effective to quantify. Purchasing is omitted at this stage as suppliers' carbon footprint is difficult to determine. It is intended as part of the action plan to measure supply chain emissions in future.

Scope 3 "Travel" include business travel, team coaches, air travel to France, and company vehicles. Fan travel was not included as the data is not yet available for calculation – this data will be collected for the next measurement period.

Scope 3 "Commuting" is an estimate of emissions from employees travelling to and from work.

By their nature scope 3 emissions are modelled or estimates.

Appendix E –All elements required for PAS 2060 have been undertaken

Table: Checklist for QES supporting declaration of commitment to carbon neutrality

1 Identify the individual responsible for the evaluation and provision of data necessary for the substantiation of the declaration including that of preparing, substantiating, communicating, and maintaining the declaration.	✓
2 Identify the entity responsible for making the declaration.	✓
3 Identify the subject of the declaration.	✓
4 Explain the rationale for the selection of the subject. (The selection of the subject should ideally be based on a broader understanding of the entire carbon footprint of the entity so that the carbon footprint of the selected subject can be seen in context; entities need to be able to demonstrate that they are not intentionally excluding their most significant greenhouse gas [GHG] emissions [or alternatively can explain why they have done so]).	✓
5 Define the boundaries of the subject.	✓
6 Identify all characteristics (purposes, objectives, or functionality) inherent to that subject.	✓
7 Identify and take into consideration all activities material to the fulfilment, achievement or delivery of the purposes, objectives, or functionality of the subject.	✓
8 Select which of the 3 options within PAS 2060 you intend to follow.	✓
9 Identify the date by which the entity plans to achieve the status of “Carbon Neutrality” of the subject and specify the period for which the entity intends to maintain that status.	✓
10 Select an appropriate standard and methodology for defining the subject, the GHG emissions associated with that subject and the calculation of the carbon footprint for the defined subject.	✓
11 Provide justification for the selection of the methodology chosen. (The methodology employed shall minimize uncertainty and yield accurate, consistent, and reproducible results.)	✓
12 Confirm that the selected methodology was applied in accordance with its provisions and the principles set out in PAS 2060.	✓
13 Describe the actual types of GHG emissions, classification of emissions (Scope 1, 2, or 3) and size of carbon footprint of the subject exclusive of any purchases of carbon offsets. a) All greenhouse gases shall be included and converted into tCO ₂ e. b) 100% Scope 1 (direct) emissions relevant to the subject shall be included when determining the carbon footprint. c) 100% Scope 2 (indirect) emissions relevant to the subject shall be included when determining the carbon footprint. d) Where estimates of GHG emissions are used in the quantification of the subject carbon footprint (particularly when associated with Scope 3 emissions) these shall be determined in a manner that precludes underestimation. e) Scope 1, 2 or 3 emission sources estimated to be more than 1% of the total carbon footprint shall be taken into consideration unless evidence can be provided to demonstrate that such quantification would not be technically feasible or cost effective. (Emission sources estimated to constitute less than 1% may be excluded on that basis alone.)	✓

<p>f) The quantified carbon footprint shall cover at least 95% of the emissions from the subject.</p> <p>g) Where a single source contributes more than 50% of the total emissions, the 95% threshold applies to the remaining sources of emissions.</p> <p>h) Any exclusion and the reason for that exclusion shall be documented.</p>	
<p>14 Where the subject is an organization/company or part thereof, ensure that:</p> <p>a) Boundaries are a true and fair representation of the organization's GHG emissions (i.e. shall include all GHG emissions relating to core operations including subsidiaries owned and operated by the organization). It will be important to ensure claims are credible – if an entity chooses a very narrow subject and excludes its carbon intensive activities or if it outsources its carbon intensive activities, then this needs to be documented.</p> <p>b) Either the equity share or control approach has been used to define which GHG emissions are included. Under the equity share approach, the entity accounts for GHG emissions from the subject according to its share of equity in the subject. Under the control approach, the entity shall account for 100% of the GHG emissions over which it has financial and/or operational control.</p>	✓
<p>15 Identify if the subject is part of an organization or a specific site or location and treat as a discrete operation with its own purpose, objectives and functionality.</p>	✓
<p>16 Where the subject is a product or service, include all Scope 3 emissions (as the lifecycle of the product/service needs to be taken into consideration).</p>	✓
<p>17 Describe the actual methods used to quantify GHG emissions (e.g. use of primary or secondary data), the measurement unit(s) applied, the period of application and the size of the resulting carbon footprint. (The carbon footprint shall be based as far as possible on primary activity data.) Where quantification is based on calculations (e.g. GHG activity data multiplied by greenhouse gas emission factors or the use of mass balance/lifecycle models) then GHG emissions shall be calculated using emission factors from national (Government) publications. Where such factors are not available, international or industry guidelines shall be used. In all cases the sources of such data shall be identified.</p>	✓
<p>18 Provide details of, and explanation for, the exclusion of any Scope 3 emissions.</p>	✓
<p>19 Document all assumptions and calculations made in quantifying GHG emissions and in the selection or development of greenhouse gas emission factors. (Emission factors used shall be appropriate to the activity concerned and current at the time of quantification.)</p>	✓
<p>20 Document your assessments of uncertainty and variability associated with defining boundaries and quantifying GHG emissions including the positive tolerances adopted in association with emission estimates. (The statement could take the form of a qualitative description regarding the uncertainty of the results, or a quantitative assessment of uncertainty if available [e.g. carbon footprint based on 95% of likely greenhouse gas emissions; primary sources are subject to variation over time; footprint is best estimate based on reasonable costs of evaluation]).</p>	✓
<p>21 Document Carbon Footprint management plan:</p> <p>a) Make a statement of commitment to carbon neutrality for the defined subject.</p> <p>b) Set timescales for achieving carbon neutrality for the defined subject.</p> <p>c) Specify targets for GHG reduction for the defined subject appropriate to the timescale for achieving carbon neutrality including the baseline date, the first qualification date and the first application period.</p> <p>d) Document the planned means of achieving and maintaining GHG emissions reductions including assumptions made and any justification of the techniques and measures to be employed to reduce GHG emissions.</p> <p>e) Specify the offset strategy including an estimate of the quantity of GHG emissions to be offset, the nature of the offsets and the likely number and type of credits.</p>	✓

22 Implement a process for undertaking periodic assessments of performance against the Plan and for implementing corrective action to ensure targets are achieved. The frequency of assessing performance against the Plan should be commensurate with the timescale for achieving carbon neutrality.	✓
23 Where the subject is a non-recurring event such as weddings or concert, identify ways of reducing GHG emissions to the maximum extent commensurate with enabling the event to meet its intended objectives before the event takes place and include post-event review to determine whether the expected minimization in emissions has been achieved.	✓
24 For any reductions in the GHG emissions from the defined subject delivered in the period immediately prior to the baseline date and not otherwise taken into account in any GHG emissions quantification (historical reductions), confirm: (a) the period from which these reductions are to be included; (b) that the required data is available and that calculations have been undertaken using the same methodology throughout; and (c) that assessment of historical reduction has been made in accordance with this PAS, reporting the quantity of historical reductions claimed in parallel with the report of total reduction.	✓
25 Record the number of times that the declaration of commitment has been renewed without declaration of achievement.	✓
26 Specify the type of conformity assessment: a) independent third-party certification b) other party validation c) self-validation	✓
27 Include statements of validation where declarations of commitment to carbon neutrality are validated by a third-party certifier or second party organizations.	✓
28 Date the Qualifying Explanatory Statement (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).	✓
29 Make QES publicly available and provide a reference to any freely accessible information upon which substantiation depends (e.g. via websites).	✓
30 Update the QES to reflect changes and actions that could affect the validity of the declaration of commitment to carbon neutrality.	✓