



Alexandra Park and Palace Carbon Reduction Plan 2026-27

Introduction

Alexandra Park and Palace is a cultural and heritage destination. It's home to world class events, an ice rink, a theatre and an award-winning Park. Each year, around one million people visit the Palace and participate in events and activities, and the Park receives almost four million visitors. We have a strong creative learning offer and many community and volunteering opportunities.

Our environmental sustainability journey began in 2022. We began assessing our carbon footprint and were granted support from the Mayor of London's *Local Energy Accelerator* scheme. This led to a **clean energy masterplan** which outlined, at a high level, the steps required to reach Net Zero carbon.

The biggest contributor to our carbon footprint is the gas used for our heating system. This is not surprising, as we are supplying heating and hot water to a seven-acre Victorian building that is in use all year round and at all hours of the day.

At an operational level, we have a green team that implements smaller scale environmental improvements and works towards environmental accreditations. One example is the Theatre Green Book, which is the industry guide for making environmental improvements to Theatres. In 2025/26 we achieved basic level of the Green Book.

Commitment to achieving Net Zero

Our Vision is to be a **Sustainable Home for all that we do**. We have a dedicated Goal to 'Build Climate Change Resilience' and good practice on emissions reduction included across all other charity Goals.

Our target for Net Zero carbon target 2041, which aligns with the target of our Corporate Trustee Haringey Council



Figure 1: Vision and Goals

Environmental Sustainability Update - Appendix 1 – Carbon Reduction Plan

Baseline Emissions Footprint

We measured our carbon footprint for our baseline year, 2019/20. This measurement included gas and electricity consumption, plus recycling and waste disposal for the Palace. This was carried out before we introduced our Environmental Sustainability Policy and Strategy and started our journey.

Table 1: Baseline year emissions, 2019/20	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	1,673
Scope 2	1,325
Scope 3	6
Total Emissions (tCO ₂ e)	3,004
Visitor numbers	521,729
Intensity ratio, kgCO ₂ /visitor	7.5
The intensity ratio is calculated by dividing the total emissions by the number of visitors to obtain a 'per visitor' figure that allows comparisons from year to year	

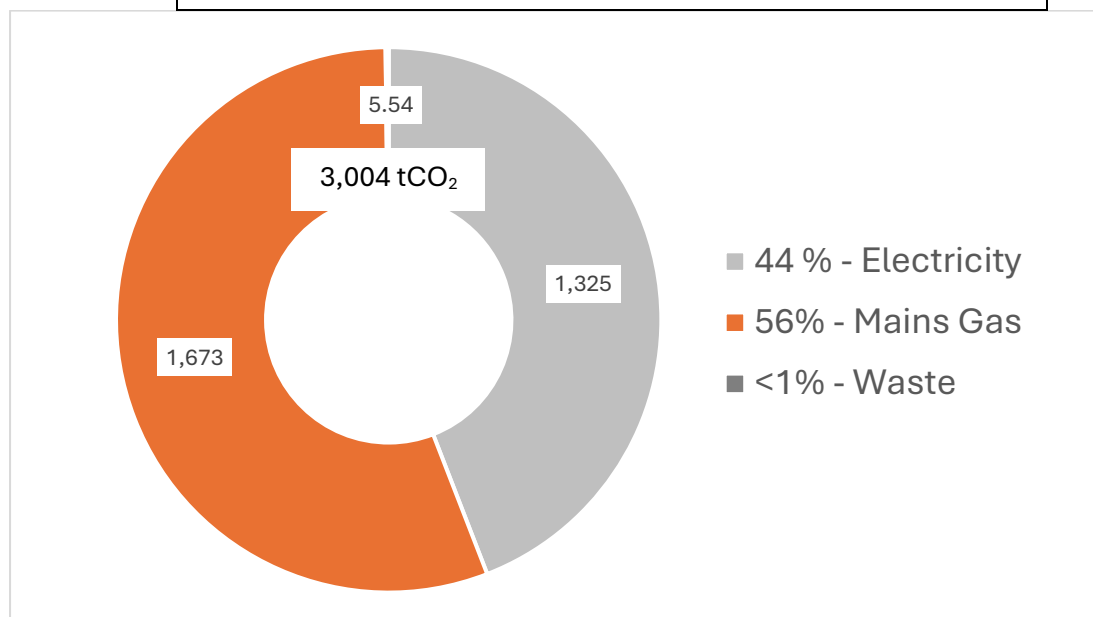


Figure 2: Carbon Footprint 2019/20, t/CO₂e

Environmental Sustainability Update - Appendix 1 – Carbon Reduction Plan

Subsequent Emissions Recording

Since 2019/20 we have measured and calculated the emissions of several additional factors. These include LPG and fuel oil (Scope 1) plus staff commuting, water supply, Park waste and electricity consumption associated with the TV tower (Scope 3). Despite measuring more factors, the total carbon emissions measured have reduced as various efficiency projects take effect.

Table 2: Reporting Year emissions, 2025/26	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	1,647
Scope 2	670
Scope 3	240
Total Emissions (tCO ₂ e)	2,558
Visitor Nos	1,059,251
Intensity ratio, kgCO ₂ /visitor	2.4

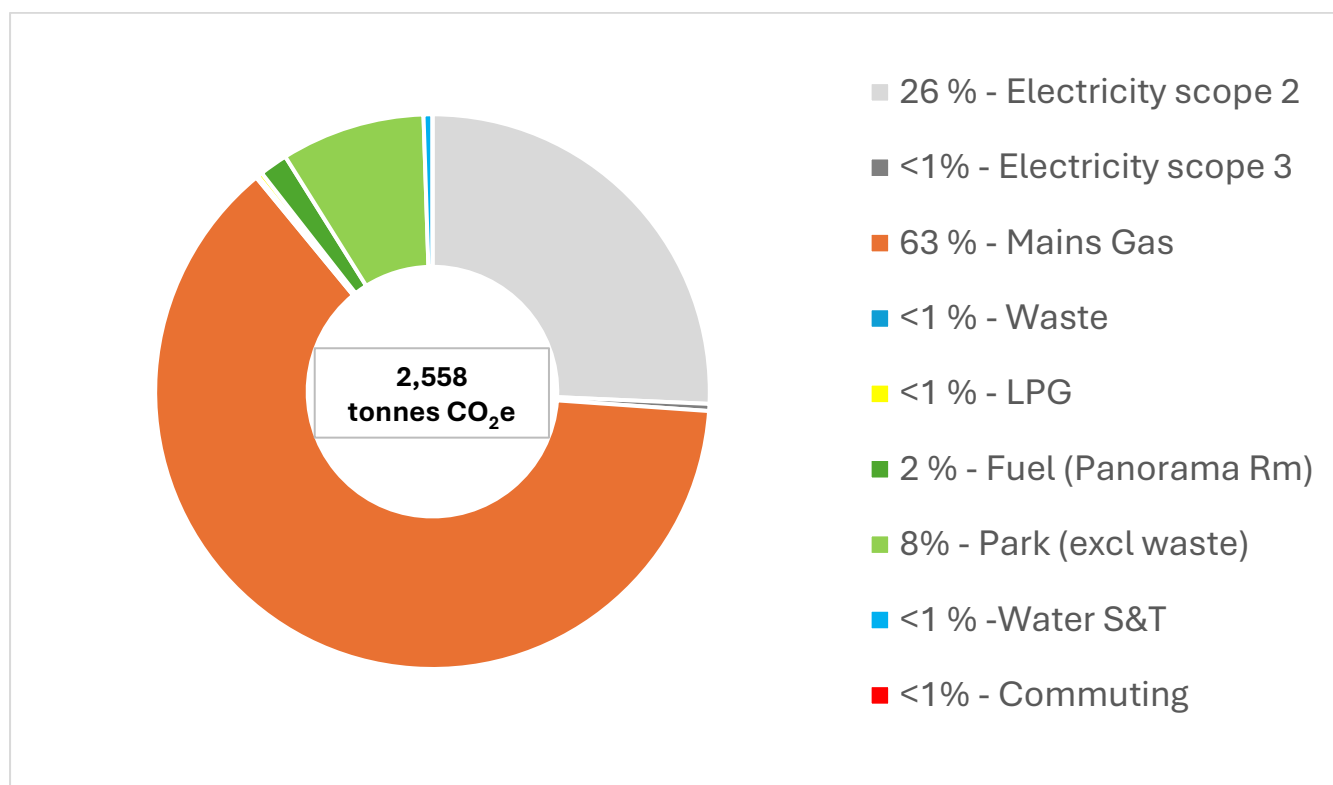


Figure 3: Carbon Footprint 2025/26, t/CO₂e

The total emission figure for 2025-26 is almost 15% lower than the 2019-20 baseline.

Notable changes this year are that emissions from buildings in the Park have been included for the first time. The electricity consumption for the main Palace building has reduced 22% which is likely a result of the incremental improvements to the heating pumps and low energy lighting upgrades.

Environmental Sustainability Update - Appendix 1 – Carbon Reduction Plan

Visitor numbers have increased by 3.6%, but the carbon intensity ratio has reduced. The figure has changed from 2.6 to 2.4 kgCO₂ per visitor for 2025/26.

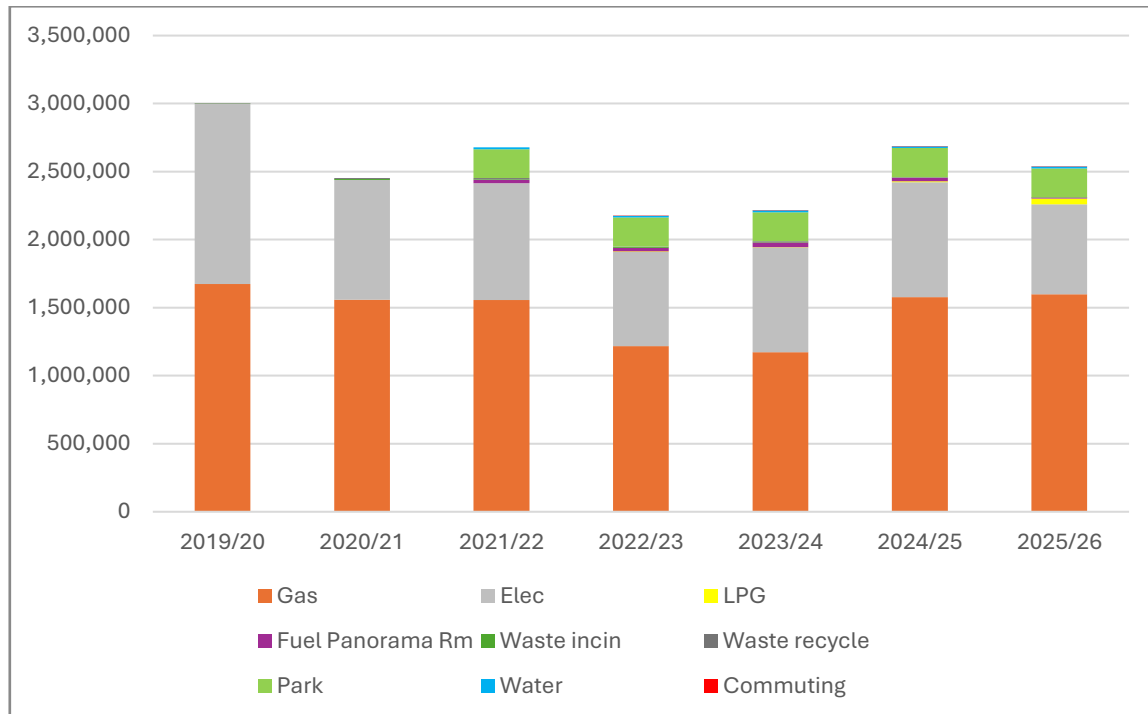


Figure 4: Carbon Footprint year-on-year, t/CO₂e

Carbon Reduction Activity

Since starting this journey, we have undertaken a range of projects to improve efficiency, replace out of date equipment and reduce carbon emissions. We also work with our clients and partners to support monitoring and initiatives to reduce carbon emissions. In 2025/26 these projects include:

- Hosting storage containers for the London Squash Classic to reduce truck journeys
- Achieving the Theatre Green Book *basic level* and creating an action plan to make improvements
- Introduced reusable polycarbonate wine glasses and carafes in the Theatre and other bars
- Continued upgrading of lighting systems, now at 84% low energy LEDs
- Increased recycling options and improved the proportion of Palace waste recycled to 51%, up from 47% last year

Carbon Reduction Objectives

We have several objectives for our journey to net zero:

1. Get off gas: work towards alternative heat options to decarbonise our heating. This is a major project that will take several years to realise. We are working with support from the Mayor of London's *Zero Carbon Accelerator (ZCA)* scheme to progress this.

Our short-term objectives are:

2. Increase building efficiency
3. Improve behaviour and management
4. Review green electricity tariff options

Carbon Reduction Actions 2026-27

Objective	Action	Measure	Deadline	Update - October 2026
Increase Building efficiency	Improve lighting, appliances, equipment	Items replaced/ improved	March 2027	Ongoing upgrades of lighting system. Lighting system surveyed and being converted to digital plans and upgrades recorded.
	Review Energy Conservation Measures through Zero Carbon Accelerator (ZCA) process and create action plan and 'Masterbid' document for Funders	Review complete Masterbid published	Oct 2026	Masterbid document in development to attract funding for items in Package I
	Review clean energy generation options (through ZCA process)	Recommendations produced	Oct 2026	ZCA reports received July 2026 Next steps under consideration
	Explore opportunities for waste heat capture from Ice Rink plant (through ZCA process)	Recommendations produced	Sept 2026	ZCA reviewed concept report, technical uncertainties require in-depth feasibility study. Consider further ZCA support to assist
	Explore opportunities to reduce water use/losses through new supply partnership	Recommendations produced	Oct 2026	New meters installed, data logging and analysis ongoing. Site visit completed and water efficiency report due October
	Drone surveys over winter to assess heat loss from the Palace building	Heat loss report completed	March 2027	Priority areas identified to reduce heat loss for future improvement works

Improve behaviour & management	Achieve actions from <i>Theatre Green Book</i>	Actions completed	March 2027	See Green Book action plan
	Review NAA Event <i>Green Guide</i> and consider 'A Greener Future' certification in 2027	Research costs and requirements to enter for decision	Sept 2026	Initial meeting with AGF. Costs received. Self-reporting document and assessment of live event required.
	Engage with staff via Green Team, staff meetings and newsletters	Completed	March 2027	Information shared at various staff bulletins and staff meetings
Get off gas Phase I	Review feasibility and funding for heat decarbonisation (through ZCA process)	Review complete with clear next steps	Sept 2026	ZCA reports received July 2026 Processing next steps
Review green electricity tariff options	Review of green energy tariff options	Review complete	Sept 2026	Currently in long-term contract. Green tariff costs an additional £12k per annum, preference is to avoid this additional cost