



Stephen
Joseph
Theatre




Environmental Impacts

2023/24



Summary

In 2023/24 we were responsible for 540 tonnes of CO₂e, which is the equivalent of 45 average people's annual total CO₂ emissions, or:

-  165 passenger vehicles
-  126 homes' energy use for one year
-  22,500 propane cylinders used for home barbeques

As our activity and audience numbers have increased post-Covid (up from 59,500 customers in 2022/23 to 85,779 in 2023/24) our emissions have also increased, in the main due to increased audience travel.

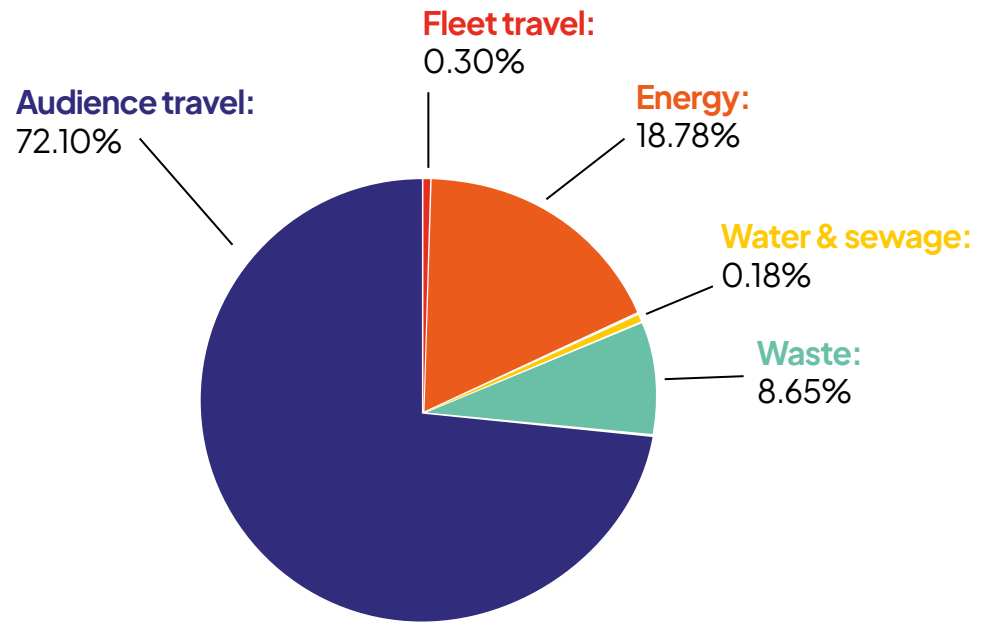
However, CO₂ per audience has actually decreased – from 1.63kg to 1.27kg, demonstrating the effectiveness of the measures we have implemented in-house.

2023/24 figures are also significantly lower than our peak emissions in 2019/20 of 673 tonnes of CO₂e.

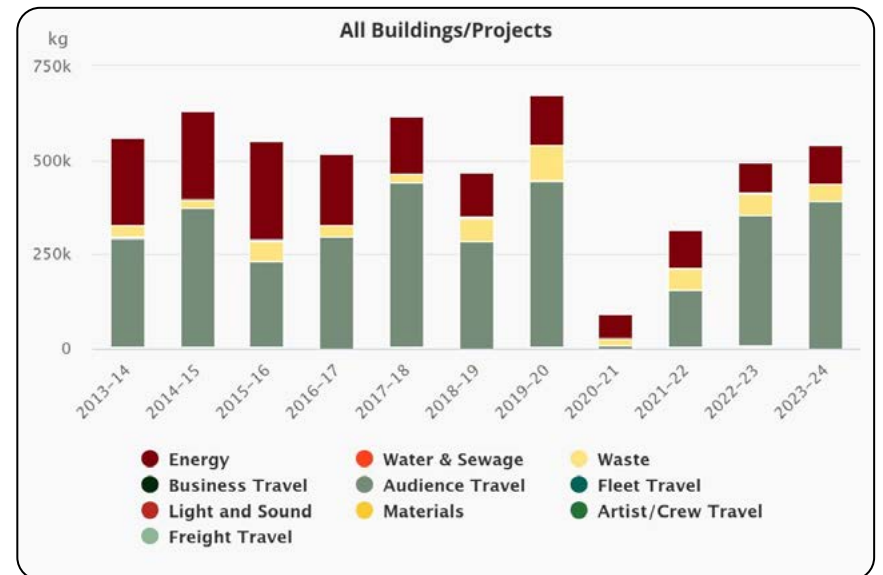
	2023/24	Change from 2022/23
Fleet travel	2 tonnes	- 2 tonnes
Energy	101 tonnes CO ₂ *	+ 20 tonnes
Water	949kg	no change
Waste	47 tonnes	- 10 tonnes
Audience travel	389 tonnes	+ 41 tonnes

*All electricity used on site is sourced from a 100% renewable tariff

2023-24 emissions comprised of-



This is the trend since 2013/14:



Actions we have taken in 2023/24

- Installed water saving stop taps in the public toilets
- Changed the gallery lighting to energy efficient LED's and reduced the number of overall fittings
- Reduced the amount of waste going to landfill and increased the recycling capacity by approximately 1/3.
- Introduced re-usable wine goblets in the bar reducing the usage of single use compostable drinkware by approximately 40%
- Introduced 100% sustainably sourced and carbon neutral hot beverage cups for Front of House
- Continued to replace legacy light fittings around the building with low energy LEDs
- Improved access to public transport information at the box office
- Published our environmental policy on our website
- Participated in the Act Green audience survey project along with 112 other venues
- Introduced 100% degradable membership cards for Circle members and committing to send any old ones back for recycling - in addition, our supplier plants trees for each order
- Renewed our 100% renewable energy tariff - meaning all electricity used on site is generated with zero emissions
- Made the printing we order carbon neutral by contributing to schemes such as planting trees across the UK and committing to use responsibly sourced FSC certified paper where possible



Planned actions 2024/25

- Install new roof insulation to around 75% of the theatre's roof - compliant with current building standards
- Commence the replacement of the current life expired air handling equipment. Replacing gas with electric air source heat pumps and energy efficient variable speed fans
- Continue to replace legacy light fittings with energy efficient LEDs
- Install additional secondary glazing in Creative Engagement spaces
- Update the energy use audit and further work around energy efficiency as we understand the impact of new plant



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