



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.

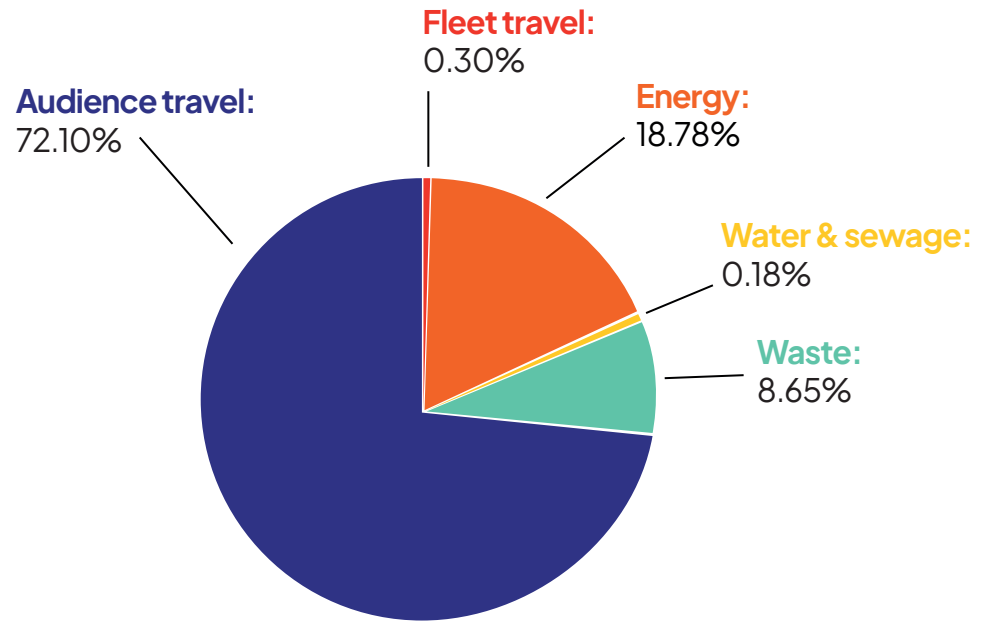
However, CO₂ per audience has actually decreased – from 1.63kg to 1.27kg, demonstrating the effectiveness of the measures we have implemented in-house.

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

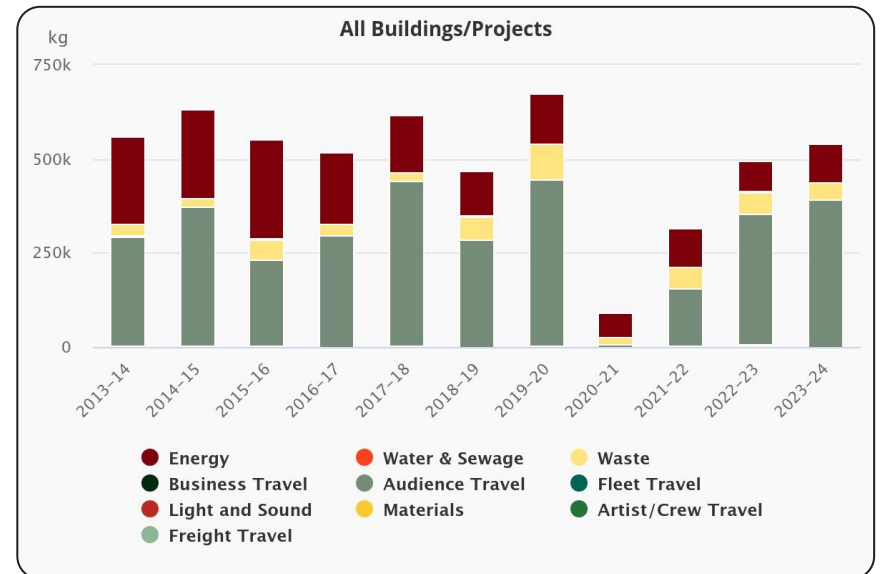
	2023/24	Change from 2022/23
Fleet travel	2 tonnes	- 2 tonnes
Energy	101 tonnes CO ₂ *	+ 20 tonnes
Water	949kg	no change
Waste	47 tonnes	- 10 tonnes
Audience travel	389 tonnes	+ 41 tonnes

*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% recyclable membership cards for Circle members
- 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



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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