

Carbon Footprint Disclosure Statement – Event Package

Purpose of Package

The Climate Friendly Package has been prepared for the express purpose of estimating greenhouse gas (GHG) emissions to allow City Recital Hall Angel Place clients to take action to combat climate change. They should not to be used in any way for meeting regulatory requirements or making any carbon neutrality claims. This package may be used to support claims over the amount and the type or standard of offsets used.

Footprinting Methodology

The packages have been calculated in accordance with the World Resources Institute's Greenhouse Gas Protocol using a 'control' approach. Using that approach, the venue (City Recital Hall Angel Place) accounts for all GHG emissions from facilities over which it has financial or operational control.

The Carbon Footprint per event has been estimated by taking City Recital Hall Angel Place's carbon footprint, subtracting the venue's own mitigation action and then dividing the remaining emissions by the estimated number of participating events annually.

Definition of Event Package

City Recital Hall Angel Place Climate Friendly event estimate:

- Duration: 1 day

Total venue annual footprint (FY 2010-11): 1,409.6 Tonnes CO₂e
City Recital Hall Angel Place internal mitigation: 504.3 Tonnes CO₂e
Remaining annual emissions: 905.3 Tonnes CO₂e
Remaining annual emissions / Number of Participating events:
 $905.3/112.7 = 8.03$ Tonnes CO₂e

Total CO₂ emissions contribution per participating event: **8.03 tonnes of CO₂e.**

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System and Boundary Definitions

The minimum operational boundary for events is defined as ‘emissions controlled by organisers’ and emission sources include electricity, natural gas, transport, freight, flights, paper, food and waste.

The emission sources are broken down as follows:

Direct emissions – natural gas

Indirect emissions – electricity consumption, taxi, flights, freight, food, paper, waste

Emission Factors

All greenhouse gas emissions, together with emissions from flights, were estimated using emission factors sourced from the following:

- Latest WRI/WCSD Greenhouse Gas Protocol
- National factors published by government departments such as DEFRA (UK) and DCC(Australia)
- Published data from research papers and industry studies

Carbon Credit Certification

All carbon offset credits supplied as part of this project are certified by the Gold Standard.

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Data and Assumptions

Total for City Recital Hall Angel Place (12 months)

Energy Consumption

Electricity

Data for electricity was provided, totalling 1,245,952 kWh for 365 days.

Natural Gas

Data for natural gas was provided, totalling 328,905 MJ for 367 days. Data has been annualised.

Transport

Company Vehicles

Number of kilometres travelled was provided for the following vehicles:

- 4,800 km travelled with a Toyota Prius Hybrid car using E10 fuel.

Car rental and taxis

2,694 km of taxi travel (assumed LPG).

Courier Travel / Freight

Detailed road freight data was provided totalling 39,787 kg km (assumed LCV).

Paper

- 54,602 sheets, A4, 80GSM, not recycled
- 67,500 sheets, A4, 80GSM, recycled.

Waste

Data for waste generated was provided as follows:

- 117.5 m³ of mixed waste to landfill (mostly food)
- 39.6m³ of paper and paper board
- 51.4m³ glass and plastic

See GHG inventory report for further details