
Carbon Reduction Plan

Initial baseline period: 1 December 2025 to 7 June 2026

Business Name	MHX Entertainment
Plan Owner	Matt Hall
Initial Operational Baseline	0.122 tCO ₂ e (partial period)
First Full-Year Baseline Due	December 2026

1. Baseline and Commitment

MHX Entertainment's initial operational reporting period runs from 1 December 2025, when event delivery commenced, to 7 June 2026. Operational emissions for this partial period were calculated at 0.122 tCO₂e; the figure is not presented as a full-year footprint.

The business commits to reducing emissions through efficient travel, increased use of electric transport, lower-energy equipment, solar-supported charging, paperless systems and extended equipment life.

2. Baseline Emissions

Source	Activity	Factor	Emissions
Mercedes EQC	809 miles	0.06127 kgCO2e/mile	49.57 kgCO2e
Ford Transit Custom	122 miles	0.44866 kgCO2e/mile	54.74 kgCO2e
Other business electricity	100 kWh	0.177 kgCO2e/kWh	17.70 kgCO2e
Total	Initial operating period	Sum of above	122.00 kgCO2e

Selected equipment purchases made during the startup period are tracked separately. They are not included in the operational baseline because reliable product-specific embodied-carbon data was not available and a spend-only estimate would carry materially greater uncertainty.

3. Actions Already Delivered

- Established a formal Sustainability Policy and Carbon Reduction Plan.
- Operated routine booking, contracts, planning and invoicing digitally.
- Used the Mercedes EQC for suitable events before acquiring the van.
- Used a Euro 6 van only where equipment capacity required it.
- Installed and used rooftop solar generation and on-site EV charging.
- Used an Intelligent Octopus Go tariff and exported surplus solar electricity.
- Maintained exclusive or predominant use of LED and low-wattage lighting.
- Used equipment covers, bags, preventative maintenance and repair-first practices.
- Used route planning for every venue journey.

4. Data Quality

The initial calculation uses recorded business information, booking records and proportionate estimates. EQC mileage was reconstructed from venue postcodes and normal return routes; 122 van miles were recorded as business mileage; and other business electricity was estimated at 100 kWh because it was not separately metered. These limitations are disclosed so future reporting can be compared transparently as direct monitoring improves.

5. 12–18 Month Reduction Measures

Measure	Action	Indicator
Journey records	Record date, venue, vehicle and return mileage for every event	100% journey coverage
Electric transport	Use the EQC or another EV for all suitable events	Share of suitable events by EV
Diesel efficiency	Combine journeys and avoid unnecessary van use	Diesel miles
Energy monitoring	Introduce plug or charger monitoring where practical	Measured business kWh
Equipment lifecycle	Maintain repair and maintenance register	Repairs and replacement rate
Annual reporting	Recalculate and publish the full-year baseline	Updated public documents

6. Longer-Term Objectives

- Reduce diesel mileage and operational emissions from the first full-year baseline.
- Maintain zero-paper routine operations.
- Continue using low-wattage and LED systems as standard.
- Increase the proportion of charging supported by on-site solar generation where practical.
- Review verified offsetting only after reasonable direct reductions have been implemented.
- Align with venues and suppliers that demonstrate credible sustainability standards.

- Reduce operational emissions by at least 15% by 2030 against the first complete 12-month baseline.

7. Monitoring and Review

The first complete 12-month baseline will cover 1 December 2025 to 30 November 2026. It will replace this initial partial-period baseline as the principal reference point for future targets and annual comparisons.

Indicator	Initial value	Future reporting
Total operational emissions	0.122 tCO ₂ e	Annual
EQC business mileage	809 miles	Per journey and annual
Van business mileage	122 miles	Per journey and annual
Other business electricity	100 kWh estimated	Measured where practical
Solar export	814 kWh reported separately	Annual supplier data

The plan will be reviewed annually and sooner if there is a material change to vehicles, premises, equipment or operations.

Declaration

I confirm that this Carbon Reduction Plan records the current baseline, actions and reduction commitments of MHX Entertainment.

Signed	Date
Matthew Hall (Owner / DJ)	8 June 2026