

Shared Corporate Electric Vehicles Mobility | Manchester, UK



Photo source: Manchester Metropolitan University

Two electric cars were purchased as corporate shared vehicles for staff use at Manchester Metropolitan University. They are used for visiting other university sites and external visits such as recruitment days at schools and colleges. Cars are booked via an online system managed by Enterprise Car Club. Staff access the car using an electronic card.

Measured Impacts

55,000 km travelled
Emissions not emitted:
PM **274g**
CO **34.28kg**
CO₂e **6.5T**
NOx **16.45g**

project scale

City Wide

development type

Replacement

Benefits

- Carbon savings
- Reducing use of fossil fuel
- Reducing operational costs
- Reducing GHG emissions
- Decreasing energy consumption
- Decreasing energy costs






Lessons learned

- Need for dedicated charging infrastructure
- Training for new users

Challenges

- Ensuring charging infrastructure – additional charging points were installed
- Data gathering without tracking user movements

Supporting factors

-  Existing shared car scheme
infrastructural
-  Reducing costs of staff travel
financial
-  Corridor Manchester
geographical
-  Contributing to MMU as one of the top sustainable campus' in the UK
Contributing to city targets for carbon reduction 2038
social
-  Manchester Metropolitan University, Enterprise Car Club, Nissan
partners

Films

<https://youtu.be/ACFeyVznmwA>

Contacts

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