



Middlesex University Carbon Reduction Plan 2023/25

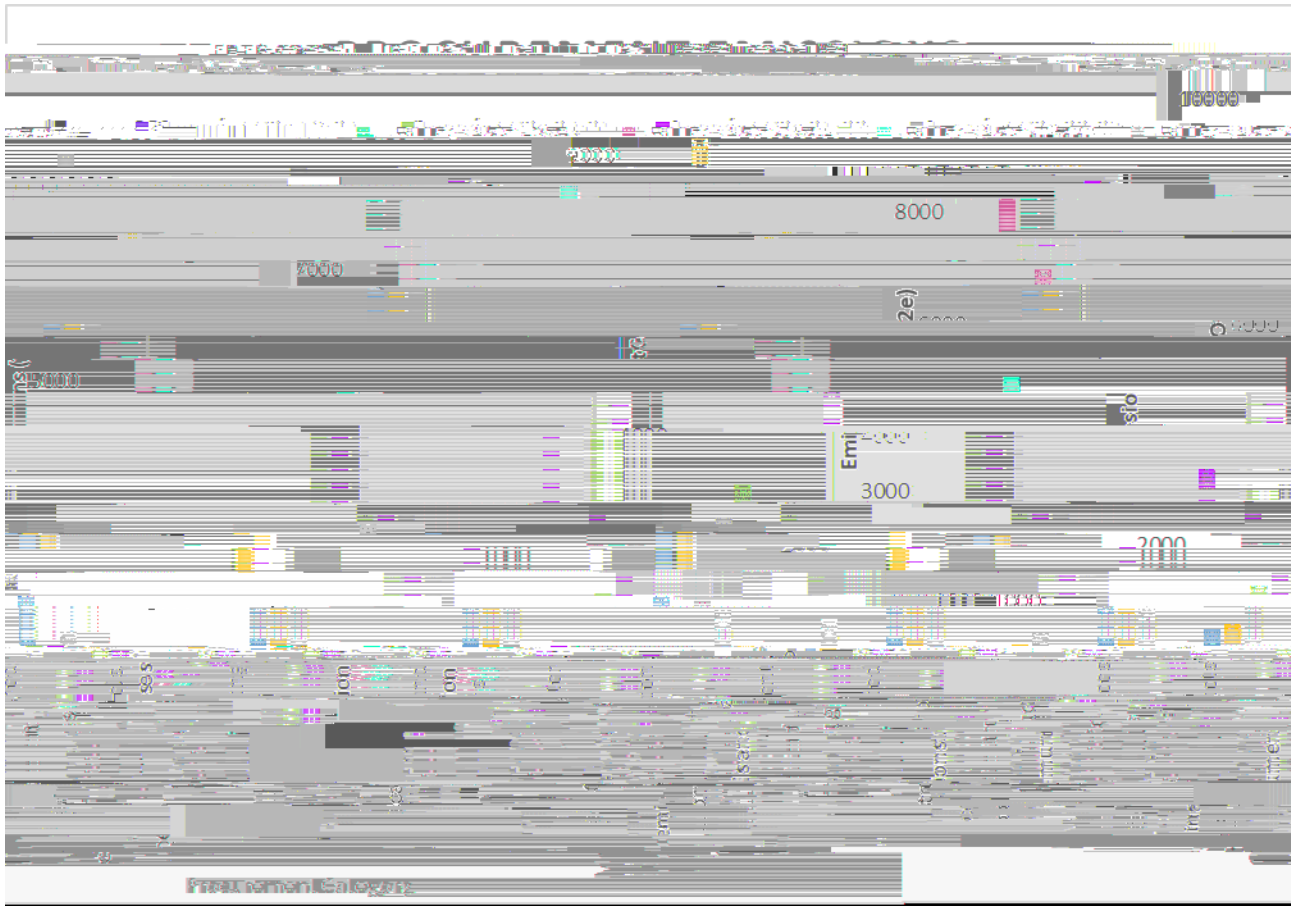
Commitment to achieving Net Zero

Middlesex University has set out targets in our 2031 strategy to reduce Carbon Emissions by 50% by 2031 and achieve Net Zero emissions by 2040.

This carbon reduction plan sets out our existing and planned initiatives to work towards to meet this commitment. We report our emissions clearly and transparently on an annual basis and strive to turn our operations.

Our Carbon Reduction Plan is designed as an annual document which meets the requirements of Procurement Policy Note 06/21: Taking account of Carbon Reduction Plans in the procurement of major government contracts and the Environmental Association of Universities and Colleagues (EAUC) Race to Zero as part of the United Nations (UN) Environment Programme. The document will be reviewed and signed off annually by the Provost

Figure 1 Breakdown of Scope 3 Emissions 2022-23 (Source: SUPC)



Emissions reduction targets

To continue our progress to achieving Net Zero, we have adopted two carbon reduction targets, to reduce our carbon dioxide emissions by 50% by 2031 and Net Zero by 2040. Progress against target is outlined in Figure 2 which displays actual emissions against target. Emissions have been reducing in line with the wider movement to cleaner power sources.

- Installation of solar panels (Photo Voltaic) on key Campus building including College, Sheppard Library, Williams, Hatchcroft, Ritterman and Vine buildings.
- Improving data management collection for reporting purposes by introducing a new building management system.

Proposed and Planned Carbon Reduction Initiatives 2023/2024

The University has set itself a target of reducing the energy use associated scope 1 & 2 emissions by 10% during the 2022/2023 Academic Year. This equates to 338.5 tonnes of Carbon Dioxide.

- Further roll out of Carbon Literacy Training working with Staff Development / the Environmental Association of Universities and Colleagues (EAUC) to run a one day on Campus course for key staff; we are looking to update progress by the end of 2024 academic year.
- Follow up options with UET to enhance our business travel policy to prioritise sustainable journey choices where practicable, and clarify our position on offsetting, and setting out principles of how it will be done;
- Developing and delivering focused investment in campus mechanical and electrical infrastructure to optimise the operation of energy savings features of Grove and Hatchcroft buildings; using our newly updated building management system to monitor.
- Roll out improved electric vehicle (EV) charging infrastructure on Campus to facilitate low carbon travel for staff who need to drive to work, and recover utility costs with the installation of paid EV charging points;
- Provide DASH CARPOOLING SCHEMES TO REMOVE THE NEED FOR CAR JOURNEYS BETWEEN LOCATIONS;
- Use the new Mechanical and Electrical contracted service with inbuilt requirement for Energy Monitoring and Targeting on key assets to drive down out of hours energy use;
- Increased promotion of climate change and the associated UN Sustainable Development Goals through staff and student facing activities delivered in partnership with marketing; and working to further embed the SDG Accord across the University academic programmes and professional service operations.
- Requiring suppliers to disclose whether they report on carbon emissions and have carbon reduction targets in place during the tender process as part of our procurement strategy.

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans. It is also designed to meet the requirements of the (\$ 8 & ¶ V 5 W R H W H L R D F O H D Q U U D Q V 3 D A n y f e e d b a c k c a n b e s e n t t o sustainability@mdx.ac.uk.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard³.

This Carbon Reduction Plan has been reviewed and signed off by the Deputy CEO on behalf of the University Executive Team.

Signed on behalf of the University:



Julia Clarke, Provost - Deputy Vice Chancellor

Date Oct 2023

¹<https://ghgprotocol.org/corporate-standard>

²<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

³<https://ghgprotocol.org/standards/scope-3-standard>

Appendix 1 ±Scope 3 Emissions inclusions and methodology

| Scope 3 Emission Source | Data Source and inclusions | Emission Calculation methodology |
|--|--|----------------------------------|
| Upstream transportation and distribution | All transport related activity would be included within procurement spend (excludes vehicle life cycle emissions) | DEFRA conversion factors |
| Waste generated in operations | Waste management supplier based on actual and estimated weights (excluding transport) | DEFRA conversion factors |
| Business travel | Transport travel provider based on the mileage of all booked corporate travel (excludes vehicle lifecycle emissions) | DEFRA conversion factors |
| Employee commuting | Annual travel survey of staff and student travel to / from the main Hendon Campus (excludes emissions from employees working from home) | DEFRA conversion factors |
| Downstream transportation and distribution | All transport related activity would be included within procurement spend (excludes vehicle life cycle emissions) | DEFRA conversion factors |
| Procurement of goods and services | Annual spend report based on HESA reporting categories as calculated by SUPC (excludes associated transport emissions) <ul style="list-style-type: none"> - Medical and precession instruments - Waste and water - IT and communications - Construction - Food and catering (excludes commercial outlets) | |