



**SUSTAINABLE DMU**  
FOR THE GLOBAL GOALS 



# Sustainability Targets

De Montfort University

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# Carbon Emissions

## About Carbon Emissions

The university takes a comprehensive approach to measuring and reporting its carbon (greenhouse gas) emissions and works to reduce emissions not only through the management of its estate and operations but also through the engagement and education of its students and staff. The university has produced a Carbon Management Plan which sets out how DMU plans to reduce its carbon emissions.

The university has set itself demanding targets for reducing its carbon emissions. These targets include carbon emissions from energy use and DMU owned vehicles (known as scope 1 and 2 emissions), and emissions from waste, water, business travel, staff and student commute, international student travel, UK based student travel, and procurement (which are collectively known as scope 3 emissions).

Achieving net zero emissions means removing as many emissions as we produce. This not only includes reducing emissions but also how we manage resources and land use and includes issues such as carbon offsetting.

## Baseline Impact

2005 - Emissions from all scope 1 and 2 sources – **13,217 tCO<sub>2</sub>e**

2005 – Emissions from all scope 3 sources (tCO<sub>2</sub>e) – **43,832 tCO<sub>2</sub>e**

## SMART Targets

Net zero carbon emissions from energy and own vehicles sources by 2032

Net zero carbon emissions from all activity sources by 2045

# Sustainable Procurement

## About Sustainable Procurement

Procurement is a professional specialism covering a range of activity, from advertising new contract opportunities; managing tender competitions with suppliers; ensuring commercial contracts are in place, and helping ensure positive contract management activity takes place during a contract's term. Although procurement is vital to the University's operations, it is also the biggest contributor to the University's carbon footprint and therefore a priority area for embedding sustainability. Sustainable procurement also provides an opportunity to embed sustainability measures into contracts and specifications and to encourage the University's suppliers to adopt more sustainable practices.

## Baseline Impact

2005 - Emissions from all scope 3 sources (tCO<sub>2</sub>e) - **43,832**

2005 – Emissions from procurement (supply chain) (tCO<sub>2</sub>e) – **19,990**

## SMART Targets

2021 – Reduce scope 3 emissions by 14% based on 2005 level

2025 – Achieve a minimum score of 3 (out of 4) in all 8 Procurement and Supplier Engagement elements of the Sustainability Leadership Scorecard

2045 – Achieve net zero carbon from all emissions including procurement

# Water Management

## About water management

It is written in our Environmental Policy that we will strive to reduce our use of natural resources such as energy and water and reuse resources whenever possible to improve environmental performance and reduce the university's carbon footprint.

### Baseline Impact

2012 – 2014: 3-year average of 74,153 m<sup>3</sup>

### SMART Target

Three per cent reduction in water consumption against the three-year average from 2012 to 2014 (The three-year average is 74,153m so reduction is 2,224 m<sup>3</sup>)

2022-2023 – 56,358m<sup>3</sup>

2023-2024 – 54,134m<sup>3</sup>

# Biodiversity

## About biodiversity

We commit to incorporate actions to support biodiversity within our estate management practices and to create new wildlife habitats and enhance existing habitats where possible (in conjunction with the DMU Environmental Policy) and in line with local and regional actions plans. The importance the university places on biodiversity is reflected in the DMU Biodiversity Policy which can be accessed [here](#).

## Baseline Impact

2012 – Ecological survey of the campus completed

2016 – Phase II Habitat Survey completed of the campus

In order to understand the current biodiversity levels on campus, habitat surveys are completed on a regular basis. The surveys provide the University with a baseline from which to measure progress on sustainability.

The University's aims to increase biodiversity on campus through a range of different measures including management of the grounds and supporting staff and students to develop their own projects through Green Impact and the sustainability SEED Grants.

## SMART Target

Three per cent reduction in water consumption against the three-year average from 2012 to 2014 (The three-year average is 74,153m so reduction is 2,224 m<sup>3</sup>)

**2023/24** – create at least one new habitat or enhance on habitat on campus

**2024/25** – create at least one new habitat or enhance one habitat on campus

**2025/26** – create at least one new habitat or enhance one habitat on campus

# Travel and Transport

## About Travel and Transport

De Montfort University is committed to the principles of sustainable development and protecting the environment, above and beyond our legal obligations. In order to accomplish this, we need to manage our transport issues to minimise harmful emissions.

### Baseline Impact

**2005** – student commuting carbon emissions were 8,616 tCO<sub>2</sub>e

**2005** – Staff commuting carbon emissions were 2,089 tCO<sub>2</sub>e

**2005** – Staff 60% single occupancy vehicle journey

### SMART Target

**2025** – Total carbon emissions from commuting to be a three-year average of <2500 tCO<sub>2</sub>e by the end of 2025

**2025** – The percentage of staff commuting by sustainable alternatives to be a three-year average of 65% by the end of 2023 and 67% by the end of 2025.

**2025** – Three-year average for staff commuting by single occupancy vehicle to be 33% by the end of 2025.

# Community Involvement

## About Community Involvement

The University is committed to the public good and understands that in order to create a truly sustainable city, staff and students must be engaged in the sustainability agenda and be given the skills and knowledge to contribute. To ensure that this happens the university is committed to developing initiatives and projects which engage both students and staff on this important issue.

### Baseline Impact

**2018/2019** – Community projects delivered.

### Smart Targets

Deliver at least one sustainability behaviour change project per year for students and community until 2025/26

Deliver at least one sustainability behaviour change project per year for staff until 2025/26

# Waste Management

## About Waste Management

Recycling and reducing waste has a number of benefits not only to the environment but also the university as well. There is a growing pressure to find new ways of disposing of our waste as our landfill sites begin to fill up and the costs of disposing of waste increases. Ensuring that our waste is recycled can reduce the demand for natural resources to create new products, save energy with lower energy demands for recycled products and reduce greenhouse gases.

### Baseline Impact

**2015/2016** – Recycle 75% of non-residential waste

The university collects and recycles a wide variety of waste from campus. Data is provided by the waste contractors on the weights of waste collected and how this waste is disposed of or recycled. This data forms the basis of calculations to determine the overall recycling rate of waste and the carbon emissions associated with the different disposal or recycling routes for the waste.

### Smart Targets

2025/26 – Recycling 95% of non-residential waste

2028/29 – Recycling 97% of non-residential waste



# **Construction and Refurbishment**

## **About Construction and Refurbishment**

Sustainable construction at DMU is guided by the university's energy policy, which includes the use of various assessment protocols depending on the building size and budget. The allocation of the assessment protocol will be at the discretion of the Director of Estates.

### **Baseline Impact**

Sustainable construction is key to the university approach to new builds and refurbishments. Recent projects such as Hugh Aston and Vijay Patel have achieved BREEAM Excellent certification.

### **SMART Targets**

A sustainable construction assessment will be completed for new builds and refurbishment at the discretion of Director of Estates and Facilities

# Emissions and Discharges

## About Emissions and Discharges

Work to reduce the University's environmental impacts is now co-ordinated through an Environmental Management System (EMS) which ensures that the university addresses its significant environmental impacts whilst at the same time meeting the requirements of environmental legislation especially on emissions and discharges. The implementation of the EMS has identified the relevant environmental legislation affecting the university and ensured that we meet these requirements.

### Baseline Impact

Leisure Centre discharge from swimming pool filter backwash was below 20m<sup>3</sup> per 24hrs in 2020. We are using 2020 as the baseline year.

### SMART Targets

Produce and maintain campus drainage plan to minimise risk of pollution.

Leisure Centre discharge from swimming pool filter backwash to be below 20m<sup>3</sup> per 24hrs

Conduct legislative compliance audits for university activities each year until 2025/26.