

ENVIRONMENTAL SUSTAINABILITY STATEMENT

YEAR ENDED 31 JULY 2020





Photovoltaic array - Manchester Met Brooks building

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A LEADING SUSTAINABLE UNIVERSITY

Manchester Metropolitan University has a strong, demonstrable commitment to sustainability.

We have achieved a top-three ranking in the People and Planet University League for eight consecutive years. Each year, we have launched new award-winning initiatives. Our performance is backed up by a range of related academic and research specialisms. And, in planning for the future, we intend to be even bolder.

In 2019-20, the COVID-19 pandemic impacted our environmental performance (both positively and negatively), yet we made excellent progress with many initiatives (such as our Carbon Literacy programmes), gaining recognition for our achievements (including winning another Green Gown Award).

Looking ahead, we will continue to navigate our pathway to becoming zero carbon by 2038 and will build on our past achievements by developing a new 2030 Sustainability Strategy. We will

also look at how we can best work with our city and business partners to contribute to a sustainable recovery from the COVID-19 pandemic and its economic impacts.

Ultimately, at Manchester Metropolitan we are determined to play our part in the global effort to limit temperature increases and minimise environmental degradation.

We will ensure that we continue to contribute to Greater Manchester's environmental ambitions. Our education and research will continue to have a real-world impact – not just in environmental sciences and environmental change, but also in areas such as advanced materials, low-impact manufacturing, 'waste 2 resource' engineering, low carbon fuels and transportation, decent work, and low carbon futures.



“A leading sustainable university – with a strong environmental performance, related academic and research specialisms, and bold ambitions for the future”



VICE-CHANCELLOR'S STATEMENT



“ We have the opportunity to play a key role through our education, research and operations ”

Manchester Metropolitan University's commitment to sustainability is more important now than ever. As we start to emerge from the current pandemic, it offers an opportunity to develop the skills and infrastructure of the future, while driving innovation. The commitment of the main political parties to 'building back better' means that there is a focus on a zero-carbon future whose benefits are better shared across communities. We have the opportunity to play a key role in delivering that future, through our education, research and operations.

In education, for example, we are offering more Carbon Literacy training, increasingly embedded in courses, ensuring our graduates understand and can better address the climate challenge. In research, we are leading an international effort to recycle waste plastic into feedstock for 3D printing, while offering practical support for hydrogen adoption in our city-region. In our operations, we continue to win awards for our efforts to drive down carbon emissions and reduce environmental impact, providing an example for universities, as well as other organisations, to follow.

We are now looking towards 2030; a sustainability strategy is part of the wider strategic vision that we will outline in the coming months. Greater Manchester has set an ambitious target to be a zero carbon city by 2038, and we will play our part in meeting the challenging annual emissions reductions required. However, this is not the only measure, and we will continue to incorporate sustainability improvements across all areas of our work. The creation of an Environment Strategy Group this year has enabled us to better co-ordinate the range of changes we will deliver to make our University, our city and our world better for ourselves and for future generations.

Malcolm Press

Professor Malcolm Press

Vice-Chancellor

SUSTAINABLE DEVELOPMENT

Our commitment to the Sustainable Development Goals

In 2015, the United Nations set out 17 Sustainable Development Goals (SDGs) which seek to address many of the world’s greatest challenges, including ending poverty, supporting decent work and economic growth, reducing inequalities, and tackling climate change.

Achieving these goals requires collaboration on a global scale, and the world’s higher education sector has an important role to play. Given our own environmental credentials and related education and research specialisms, we believe Manchester Metropolitan can make a tangible contribution.

In this Statement, we explain how our existing Environmental Sustainability Strategy aligns with and contributes to the SDGs (see pages 20-26).

As we develop our new 2030 Sustainability Strategy, we will link it more directly with the SDGs, and monitor our progress towards them against the criteria set out in the Times Higher Education University Impact Rankings¹.

1

NO POVERTY

2

ZERO HUNGER

3

GOOD HEALTH AND WELL-BEING

4

QUALITY EDUCATION

5

GENDER EQUALITY

6

CLEAN WATER AND SANITATION

7

AFFORDABLE AND CLEAN ENERGY

8

DECENT WORK AND ECONOMIC GROWTH

9

INDUSTRY, INNOVATION AND INFRASTRUCTURE

10

REDUCED INEQUALITIES

11

SUSTAINABLE CITIES AND COMMUNITIES

12

RESPONSIBLE CONSUMPTION AND PRODUCTION

13

CLIMATE ACTION

14

LIFE BELOW WATER

15

LIFE ON LAND

16

PEACE, JUSTICE AND STRONG INSTITUTIONS

17

PARTNERSHIPS FOR THE GOALS

SUSTAINABLE DEVELOPMENT

GOALS

¹ The Times Higher Education Impact Rankings are the only global performance tables that assess universities against the United Nations’ Sustainable Development Goals (SDGs).

COVID-19 PANDEMIC

Reflecting on the impact

We acknowledge that, in many ways, our 2019-20 performance was impacted by the COVID-19 pandemic.

For example, with our campus buildings closed or operating at reduced capacity for several months, many of our metrics were artificially low, such as our energy and water use, waste levels, and carbon emissions. More employees also began to participate in the University’s cycle to work scheme.

Meanwhile, as we outline in the review of our key performance indicators (see pages 20-26), the pandemic forced us to postpone several planned initiatives, such as the student move-out donation and recycling campaign, ‘Give it, don’t bin it’.

Looking ahead, we expect to face further COVID-19 related challenges, but we also believe there will be opportunities, by contributing our expertise to a sustainable and socially-minded recovery, and by playing our part in Manchester City Council’s ‘Our Manchester’ programme.

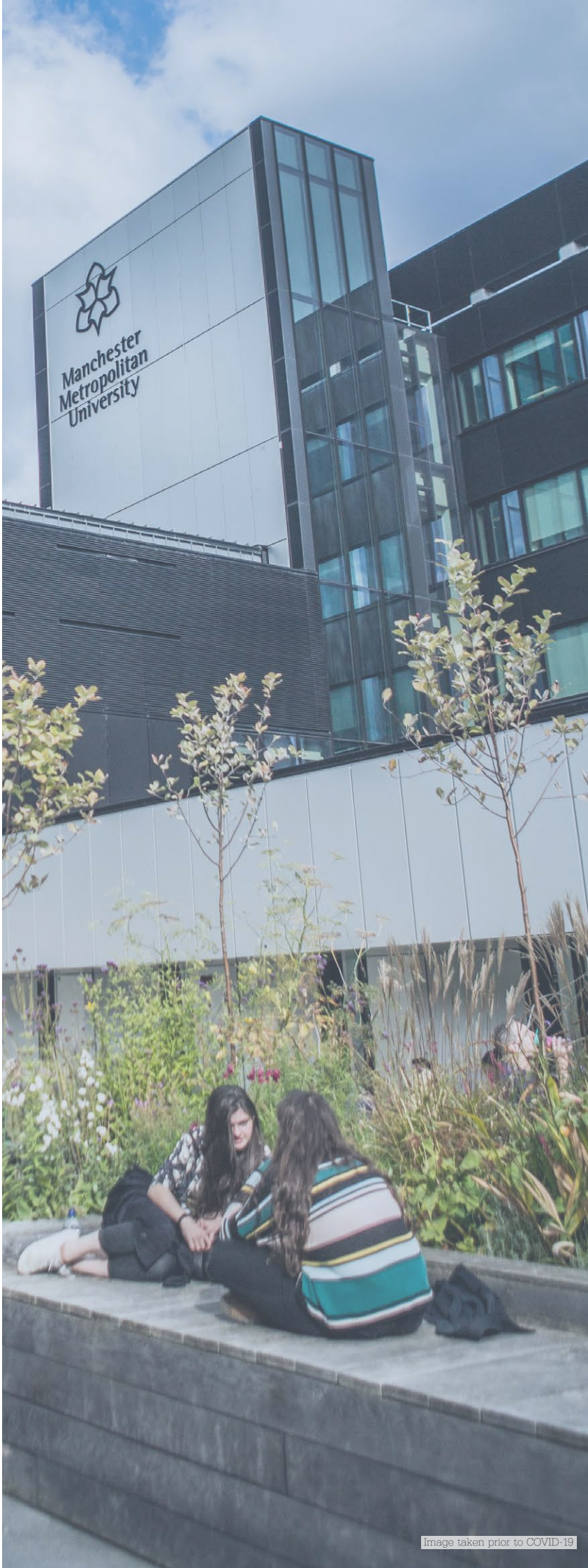

























Image taken prior to COVID-19

OUR KEY ACHIEVEMENTS

We are proud of our environmental achievements and initiatives. Our awards, accolades and milestones provide a measure of how far we have come. They also feed into our ambition for the future and provide a platform for what comes next.

 <p>2nd Greenest University in the UK¹</p>	 <p>Green Gown Award Winner for Carbon Literacy project²</p>	 <p>GROW Hugely successful meat-free café launched</p>	 <p>ISO 14001:2015 reaccreditation achieved⁸</p>	 <p>Real Living Wage accredited employer</p>	 <p>281 Carbon Literate staff and students⁹</p>
 <p>Zero Carbon Committed to being a zero carbon university by 2038³</p>	 <p>61.7% reduction in carbon emissions</p>	 <p>Winner MetMUNCH wins Collaborative Award for Teaching Excellence⁴</p>	 <p>Eco Innovation Part of the ECO-I North West consortium to support low carbon business innovations¹⁰</p>	 <p>Carbon Literacy Released virtual programme for students and staff</p>	 <p>45.1% reduction in total water consumption</p>
 <p>50% reuse and recycling rate</p>	 <p>110 bicycles purchased through the cycle to work scheme</p>	 <p>NUS Responsible Futures accreditation received for the third time⁵</p>	 <p>17.4% of staff commuting journeys made by cycling and walking</p>	 <p>Students train leaders Delivering Carbon Literacy learning to senior colleagues¹¹</p>	 <p>SKA Silver rating achieved for the Ormond Building refurbishment¹²</p>
 <p>Transformational research Leading a project to turn single-use plastic into 3D printable material⁶</p>	 <p>77.1% of students learning about sustainability issues⁷</p>	 <p>72% of University vehicles now low or zero emission</p>	 <p>National Project lead partner in a new Carbon Literacy initiative¹³</p>	 <p>Prestigious Research Award to help prevent Savannah grassland degradation¹⁴</p>	 <p>Fairtrade Working towards the Fairtrade Universities and Colleges Award</p>

Footnotes on page 29

OUR PERFORMANCE AT A GLANCE

The following pages provide an overview of our progress across all the areas of our Environmental Sustainability Strategy 2020-21 – showing what has been achieved, what is on track, and what we are still working towards.

At the close of 2019-20, we had achieved, or were on track to achieve our targets for 71% of our key performance indicators (KPIs).

On pages 20-26, we provide more details on each of the KPIs and our progress towards them. Where we are falling short of our targets, we explain why, and what we are doing to address our performance.

Progress	Count	%
Achieved	17	55%
On track	5	16%
Behind	9	29%
Not achieved	0	0%
Total 31*		

Data not valid for reporting year 2019-20

* Number of indicators changed to 31 from 32 due to invalidity of data for the 'sustainability communications – students' key performance indicator.



Biodiversity	
Habitats and species	
Biodiversity engagement	
Habitat connectivity	
Carbon and energy management	
Indirect carbon emissions	
Indirect emissions	
Energy use - gas	
Energy use - electricity	
Building energy efficiency rating	
Environmental management systems	
EMS certification	
Ethical investment	
Policy commitments	
Learning for a sustainable future	
Skills and knowledge (students)	
Staff development	
Sustainability communications (students)	
Sustainability communications (staff)	
Pollution and compliance	
Zero pollution incidents	
Environmental compliance	
Resilience to climate change	
Emergency planning	
Staff development	
Sustainable and ethical procurement	
Sustainable procurement practice	
Sustainable buildings	
New building energy efficiency	
BREEAM sustainability assessment	
Sustainable refurbishment projects	
Travel plan management	
Single person journeys	
Staff active travel	
Staff commuting by public transport	
Student active travel	
Low emission fleet	
Waste and resource management	
Reuse and recycling	
Waste diverted from landfill (excluding building projects)	
Waste diverted from landfill (including buildings projects)	
Water management	
Total consumption	
Mains consumption	

OUR PERFORMANCE HIGHLIGHTS

Significant achievements and sources of pride from 2019-20

Strengthening our environmental leadership and governance

A key development this year was the creation of a new Environment Strategy Group, which reports directly to the University Executive Group.

The new group is chaired by the Deputy Vice-Chancellor, supported by the Head of Department of Natural Science as the academic lead, and the Head of Environmental Sustainability. Further members include senior representatives from across the University and the student body. This structure ensures that we maximise synergies between our education and research specialisms and our sustainability programmes.

Among the group's first priorities is the development of the new 2030 Sustainability Strategy, which will be aligned with our Education, Research and Knowledge Exchange, and Internationalisation Strategies. The group will also link this directly to the relevant United Nation's Sustainable Development Goals and monitor progress against the criteria set out in the Times Higher Education Impact Rankings.



Heading towards zero carbon

We continue to make good progress towards our carbon reduction ambitions.

For 2019-20, our scope 1 and 2 (direct) emissions were 61.7% down on our baseline year of 2005-06, which means we easily exceeded our 2020-21 target of a 50% reduction. Even though these data were skewed due to the COVID-19 pandemic and consequent building closures, we calculate that, had normal operations continued, we would still have achieved a 55% reduction in scope 1 and 2 carbon emissions – and exceeded our 50% target a year early.

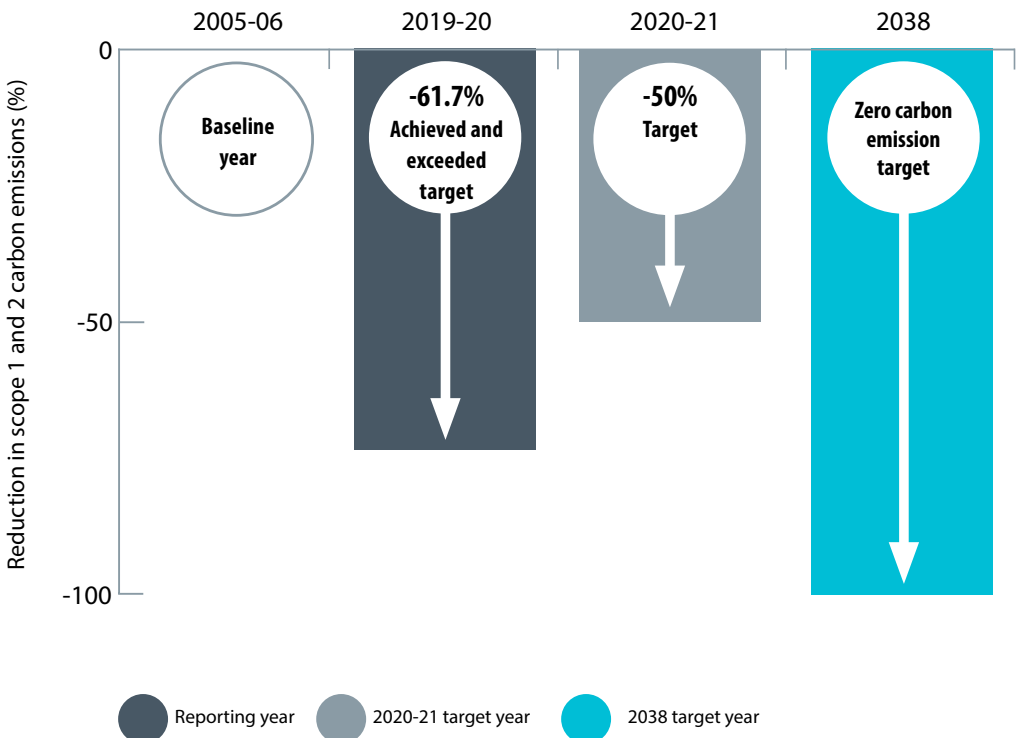
We also continued work on a comprehensive plan to enable us to become a zero carbon university by 2038, a commitment we made in 2018¹. Engaging with teams from across the organisation, we developed the first of three 6-year carbon management plans to take us to zero carbon by 2038 or sooner.

Through this plan, we are also making a tangible contribution to the city of Manchester's zero carbon ambitions.

Although we have been successful in driving down our direct emissions, there is still more to do to understand and manage our indirect carbon emissions (such as those from procurement and commuter travel), and a plan will be included as part of the new 2030 Sustainability Strategy.

“ We are committed to being zero carbon by 2038 ”

Carbon emissions reduction - tracking our progress



¹ Manchester Met is working towards zero carbon for direct carbon and carbon equivalent emissions by 2038, as defined by the Tyndall Centre's proposed targets and definition of zero carbon for Manchester ('playing our full part')

Enhancing the skills and knowledge of our staff and students

As a leading sustainable university, committed to the Sustainable Development Goals, we believe it is important to equip all students and staff with relevant skills and knowledge. To that end, we seek to embed sustainability across our curricula and campus environment, and integrate it tightly into our culture and leadership.

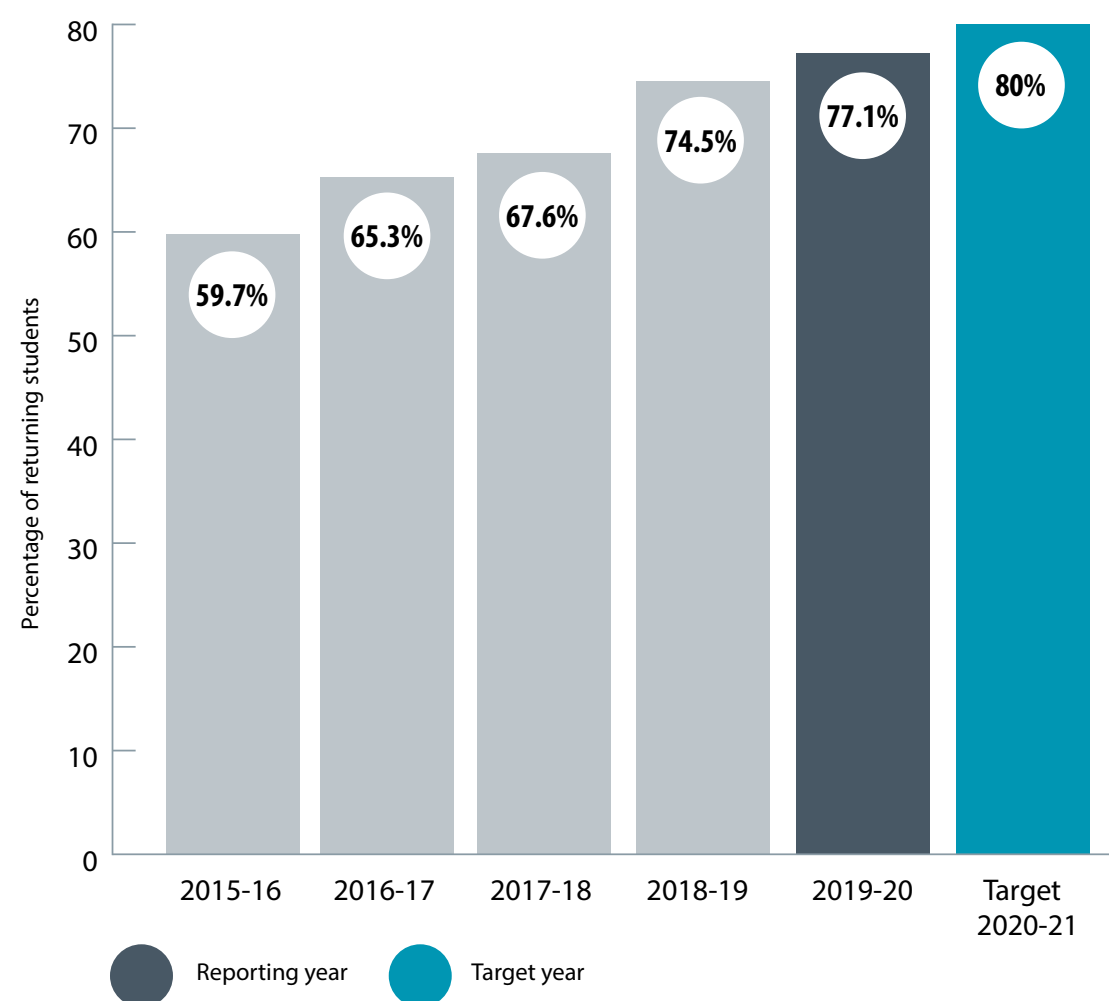
Ongoing initiatives include: the Learning for a Sustainable Future programme, which embraces both the student experience and staff professional development; a programme of Carbon Literacy initiatives; and the wide range of campaigns, workshops and events run through our Student Sustainability Ambassador scheme.

Particular achievements for 2019-20 include: our reaccreditation in the National Union of Students (NUS) Responsible Futures programme; recognition for our Carbon Literacy training programmes in

the Green Gown Awards²; and a jump in the level of understanding of sustainability issues among students – for example, 77.1% of returning students tell us they are gaining skills and knowledge to help them understand key sustainable development issues³.

“ 87% of our students think that being environmentally sustainable is important⁴ ”

Student understanding of key global sustainability issues



² The Green Gown Awards recognise exceptional sustainability initiatives being undertaken by universities and colleges, established as the most prestigious recognition of best practice within the further and higher education sector

³ Source: 2019-20 student enrolment survey, students responding 'very important' and 'important'

⁴ Source: 2019-20 student enrolment survey, returning students responding 'Yes'

Expanding on our Carbon Literacy initiatives

The term Carbon Literacy relates to the knowledge and capacity required to create a positive shift in how humankind lives, works and behaves in response to climate change. The concept originated in Manchester and has since been adopted by the United Nations. Manchester Metropolitan has always been a strong advocate – working in partnership with the Carbon Literacy Project, and delivering Carbon Literacy training to our students and staff since 2012.

Developments in 2019-20:



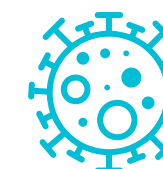
Winning at the Green Gown Awards

In November 2019, our Carbon Literacy for Students scheme (CL4Ss) training programme won the Tomorrow's Employee award in the Green Gown Awards.



Extending our certification scheme to many more students and staff

This year, a further 281 students and staff were Carbon Literacy certified, taking us to a total of 1,228 since the programme started.



Evolving in the face of COVID-19

In response to the COVID-19 pandemic, we were quick to make our Carbon Literacy training programmes available online.



Delivering training at the University Leadership Forum

In March 2020, a group of students facilitated a Carbon Literacy training session for around 80 of our most senior staff.



Leading a national Carbon Literacy initiative

In 2019, we became the lead higher education institution in a project led by the Carbon Literacy Project and funded by the Department of Business, Energy and Industrial Strategy (BEIS) and Greater Manchester Combined Authority (GMCA) to develop Carbon Literacy toolkits for the public sector. These will be rolled out to the further and higher education sector with support from the Environmental Association for Universities and Colleges (EAUC) and Students Organising for Sustainability (SOS-UK).





Achieving Responsible Futures accreditation – for the third time

One of the reasons the NUS Responsible Futures scheme is so successful is that it involves a close and equal partnership between a university and its Students' Union. Our involvement dates back to 2015, when we were one of the institutions that helped to develop and test the scheme and in June 2020 we achieved accreditation for the third time.

A core aim of the scheme is to help universities to embed social responsibility and sustainability into their formal and informal learning. In preparation for the accreditation, a Responsible Futures group, chaired by the Head of the Department of Natural Sciences, coordinated several initiatives including leadership training and research into student perceptions. This was followed by a formal two-day audit, conducted by a team of our own students to assess progress and impact.

We were one of just 13 UK universities to receive accreditation in 2019-20.

Promoting sustainable and healthy food

In 2019-20, we developed a new Sustainable Food Policy. This provides a framework for our commitments to ensure that food and drink are produced, sourced, consumed and disposed of in a way that considers the protection of the environment, provides benefit for society, and sets high standards for animal welfare.

In September 2019, we also opened a new meat-free café, called GROW – a collaboration between our catering services, and our award-winning student-led social enterprise MetMUnch. Run by students, GROW was quick to build relationships with local farmers, bakers and ethical food producers. It also features in our Nutritional Sciences teaching, and has become a runaway commercial success.

Selling around 1,000 food items a week, it significantly outperformed the café that previously operated in the same space. By the time campus closed due to the COVID-19 pandemic, sales were up by 272% – and had been on track to reach 372% by the end of the academic year.



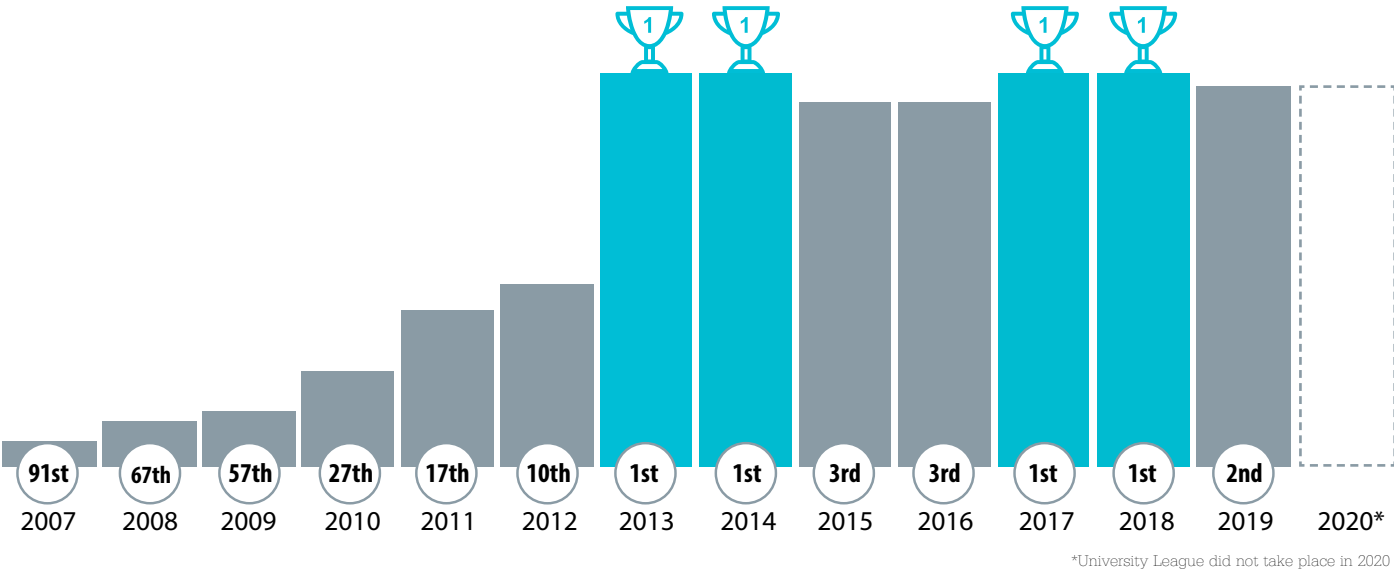
People and Planet University League

Our journey towards environmental sustainability began in 2007, when the University was ranked 91st in the People and Planet University League⁵. A group of passionate and committed students convinced the University that this was a position which demanded a response – Manchester Metropolitan appointed an Environment Manager that same year.

We are now one of the UK's greenest universities. We are currently ranked second in the People and Planet University League – meaning we have

consistently been a top three performing university since 2013.

Although the People and Planet University League did not take place in 2020, we are continuing to make strides in maintaining our environmental and ethical performance – we were accredited as a Real Living Wage employer, received the NUS Responsible Futures accreditation for the third time, and won a Green Gown Award in the 'Tomorrow's Employee' category in this reporting year.



⁵ The People and Planet University (formerly 'Green') League is the only comprehensive and independent league table of UK universities ranked by environmental and ethical performance

OUR KEY PERFORMANCE INDICATORS

The following pages provide a detailed overview of the targets set out in our Environmental Sustainability Strategy 2014-2021, and the progress towards achieving them. For each strategic area, we have identified the United Nations Sustainable Development Goals to which it contributes. If falling short of a target, we also explain the reasons why and how we are addressing this in the ‘opportunities for improvement’ sections.

United Nations Sustainable Development Goals:



● Achieved ● On track ● Behind ● Not achieved ● Data not available

Biodiversity

Sustainable Development Goals contributed towards: 11, 15

Objective	Key Performance Indicator	Baseline Year	Progress 2018-19	Progress 2019-20	Target	Status Against Target
Undertake University-wide biodiversity audits to monitor priority habitats and species, and inform the development of appropriate management, maintenance and conservation plans	Number of different habitat types and/or number of different species	2013-14	96 species	96 species ¹	Measure and maintain habitat and/or species diversity	●
			13 habitats	13 habitats ²		
Evaluate and promote the multi-functional benefits from the University's green infrastructure	Number of different opportunities for engagement	2013-14	17	3	Measure and increase engagement opportunities	●
Promote the use of University buildings to enhance habitat connections within and between campuses	Number of physical connections between habitats	2015-16	72	72 ³	Measure and maintain habitat connectivity	●
Explanation and opportunities for improvement						
Habitats, species and physical connections: The data provided in the reporting years is from 2016 biodiversity surveys. New targets will be developed in 2020-21 as part of the university's new 2030 Sustainability Strategy. A survey will take place in 2021, if possible.						
Engagement Opportunities: Due to the COVID-19 pandemic, many of the Birley orchard and woodland workshops could not go ahead, which significantly affected performance in this area.						

^{1,2,3} Data taken from 2016 BioBlitz survey

Carbon and Energy Management

Sustainable Development Goals contributed towards: 7, 9, 11, 13

Objective	Key Performance Indicator	Baseline Year	Progress 2018-19	Progress 2019-20	Target	Status Against Target
Reduce scope 1 and 2 carbon emissions	Percentage reduction of carbon and carbon equivalent emissions	2005-06	-48.2%	-61.7%	50% reduction by 2020-21	●
Measure and report scope 3 emissions	Total scope 3 emissions (tonnes). Detailed breakdown of emissions by source available at mmu.ac.uk/sustainability	n/a	77,369	70,887	Measure scope 3 emissions	●
Reduce energy consumption	Percentage reduction gas consumption (kWh)	2005-06	-44.8%	-58.1%	50% reduction in gas by 2020-21	●
	Percentage reduction electricity consumption (kWh)	2005-06	-11.3%	-31.5%	50% reduction in electricity by 2020-21	●
Improve Display Energy Certificate (DEC) rating of University buildings	Average DEC rating	n/a	75	61	Achieve average DEC rating of above C (51-75)	●
Explanation and opportunities for improvement						
Energy use - Reduction in electricity consumption: This target is no longer achievable due to the increase in new buildings across the estate, and a commensurate increase in electricity consumption. In addition, as UK electricity supply decarbonises, the University may move towards an electricity-heating strategy, moving away from gas, to help achieve its zero carbon target by 2038.						

Environmental Management Systems (EMS)

Sustainable Development Goals contributed towards: 4, 6, 7, 8, 11, 12, 13, 14, 15, 16, 17

Objective	Key Performance Indicator	Baseline Year	Progress 2018-19	Progress 2019-20	Target	Status Against Target
Maintain ISO 14001:2015 certification	Certification to ISO 14001:2015 standard	n/a	Maintained certification	Maintained certification	Maintain and continually improve the EMS	●

Ethical Investment

Sustainable Development Goals contributed towards: 7, 8, 9, 14, 15, 16

Objective	Key Performance Indicator	Baseline Year	Progress 2018-19	Progress 2019-20	Target	Status Against Target
Adhere to the commitments in the University's Ethical Investment Policy	Compliance with the Ethical Investment Policy	n/a	Maintained compliance	Maintained compliance	Maintain compliance with the ethical investment policy	<div></div>

Learning for a Sustainable Future

Sustainable Development Goals contributed towards: All 17 Sustainable Development Goals

Objective	Key Performance Indicator	Baseline Year	Progress 2018-19	Progress 2019-20	Target	Status Against Target
Deliver, embed and enhance activities that develop knowledge, skills and attributes for sustainable development amongst students	Percentage of returning students that perceive they are gaining the skills and knowledge that are helping them understand key global sustainability issues	2015-16	74.5%	77.1% ⁴	80% by 2020-21	<div></div>
Support professional development opportunities that equip staff with the knowledge and skills to embed Education for Sustainable Development, and support the sustainability commitments of the University	Percentage of staff who feel that the University has provided professional development opportunities that increase awareness and understanding of environmental sustainability	2015-16	45.8%	27.3% ⁵	50% by 2020-21	<div></div>
Deliver effective communications that support knowledge, skills, and attributes for sustainable development and promote our reputation as a leading sustainable University	Student perception of Manchester Metropolitan as an environmentally sustainable university	n/a	67.3%	Data not available ⁶	Maintain score of 80%	<div></div>
	Staff perception of Manchester Metropolitan as an environmentally sustainable university	2015-16	84%	71.9% ⁷	Maintain score of 80%	<div></div>
Explanation and opportunities for improvement						
Professional development for staff: At the time the survey was undertaken, a Sustainability Advocate Network for staff was in development, and an online Carbon Literacy course was launched in July 2020. These development opportunities should impact positively upon this performance indicator when we next release the staff survey, but will not have impacted the findings from the 2020 survey. We also recognise that it is unlikely the 50% target will be achieved, particularly as the University's staff travel and sustainability survey will next be undertaken in 2022.						
Student perception: The data collected through the enrolment survey to establish whether students perceive the University to be environmentally sustainable was classed as invalid for the 2019-20 reporting year due to a change in methodology. However, tracking the perceptions in 2020-21, the findings indicate that the perception of the University as an environmentally sustainable institution has increased to 75.3%.						
Staff perception: The findings from the 2020 Travel and Sustainability Survey indicate that the staff perception of the University as environmentally sustainable has decreased to 71.9% when compared to findings in the 2018 survey. We have undertaken work to understand why, and developed an action plan accordingly.						

⁴Data Source: 2019-20 student enrolment survey
^{5,7}Data Source: 2020 staff travel and sustainability survey
⁶Data invalid due to change in survey methodology

Pollution Prevention and Legal Compliance

Sustainable Development Goals contributed towards: 14, 15

Objective	Key Performance Indicator	Baseline Year	Progress 2018-19	Progress 2019-20	Target	Status Against Target
Reduce number of reportable pollution incidents to air, land and water	Number of pollution incidents	n/a	0	0	Zero pollution incidents	<div></div>
Determine and understand the University's environmental compliance obligations and evaluate our compliance status	Number of major non-conformances due to a breach in our compliance obligations	n/a	0	0	Zero major non-conformances related to a breach in our compliance obligations	<div></div>

Resilience to Climate Change

Sustainable Development Goals contributed towards: 11, 13

Objective	Key Performance Indicator	Baseline Year	Progress 2018-19	Progress 2019-20	Target	Status Against Target
Ensure the University is developing emergency plans to respond to severe weather and flooding	Emergency plans developed and tested	n/a	No test undertaken	Plans developed and test undertaken in October 2020	Plans to be tested every 18 months	<div></div>
Develop and deliver training to staff to ensure the University is prepared for climate change risks	Training delivered	n/a	Training delivered	Training delivered in 2019	Training delivered by 2018-19	<div></div>
Explanation and opportunities for improvement						
Emergency Plans: The University had planned an emergency exercise to test its response to severe weather and flooding in April 2020. However, due to the COVID-19 pandemic the test was delayed until October 2020.						

Sustainable and Ethical Procurement

Sustainable Development Goals contributed towards: 1, 5, 8, 10, 12, 16

Objective	Key Performance Indicator	Baseline Year	Progress 2018-19	Progress 2019-20	Target	Status Against Target
Improve sustainable procurement practice	Level of Flexible Framework	n/a	Level 4 achieved	Level 4 maintained	Achieve level 4 by 2018-19	<div></div>

Sustainable Buildings

Sustainable Development Goals contributed towards: 7, 8, 9, 13, 15, 15, 16, 17

Objective	Key Performance Indicator	Baseline Year	Progress 2018-19	Progress 2019-20	Target	Status Against Target
Improve Energy Performance Certificate (EPC) ratings for new builds	EPC rating	n/a	Zero new builds completed	Arts and Humanities building completed – B rating achieved	Achieve B rating or above	<div></div>
Achieve BREEAM 'excellent' Rating for new builds	BREEAM rating	n/a	Zero new builds complete. Two on track to achieve BREEAM 'excellent' (SODA and Science & Engineering). Two on track to achieve BREEAM 'very good' (Birley Student Living Phase Two and Arts & Humanities)	One new build completed: Arts and Humanities building – on-track to achieve BREEAM 'very good'	Achieve 'excellent' rating or above	<div></div>
Achieve SKA rating for appropriate building refurbishment projects	Level of SKA rating	n/a	2 refurbishment projects completed (6 Great Marlborough Street (6GMS) and Student Hubs) which achieved SKA silver rating	One refurbishment project completed: Ormond building - SKA silver rating achieved ⁸	Achieve SKA silver rating (on refurbishment completion)	<div></div>
Explanation and opportunities for improvement						
<p>BREEAM rating for completed building projects:</p> <ul style="list-style-type: none">The Arts and Humanities building is on track to achieve BREEAM 'very good' rating. The reason it qualifies for the lower 'very good' BREEAM rating is because the building's energy strategy will not meet the mandatory requirements for BREEAM (2014) 'excellent'. <p>BREEAM rating for building projects in development stages:</p> <ul style="list-style-type: none">We are on track to achieve BREEAM 'excellent' for two new buildings currently in the design and construction phase – SODA and the Science and Engineering building.We are on track to achieve BREEAM 'very good' for Birley Student Living Phase Two. The reason it qualifies for the lower 'very good' BREEAM rating is because the building's energy strategy will not meet the mandatory requirements for BREEAM (2014) 'excellent'.						

⁸ Pending final assessment and certificate

Travel Management

Sustainable Development Goals contributed towards: 7, 9, 11, 17

Objective	Key Performance Indicator	Baseline Year	Progress 2018-19	Progress 2019-20	Target	Status Against Target
Reduce number of Manchester-based single occupancy vehicle (SOV) journeys direct to campus	Percentage SOV rate	n/a	19.4%	15.4% ⁹	Maintain a rate of less than 20%	<div></div>
Increase the uptake of staff journeys made by active travel modes (cycling and walking)	Percentage staff journeys to Manchester campus made by cycling or walking	2013-14	16.7%	17.4% ¹⁰	19% by 2020-21	<div></div>
Increase journeys to Manchester campus made by public transport	Percentage of staff journeys to Manchester campus made by public transport	2013-14	55.9%	58.7% ¹¹	60% by 2020-21	<div></div>
Increase the uptake of student commuting journeys by active travel modes (cycling and walking)	Percentage student journeys to Manchester campus made by cycling or walking	2013-14	50.4%	47% ¹²	67% by 2020-21	<div></div>
Increase the proportion of low emissions vehicles in the University's core vehicle fleet	Percentage of low emissions vehicles	2013-14	60%	72%	75% by 2020-21	<div></div>
Explanation and opportunities for improvement						
<p>Staff journeys made by public transport: We nearly achieved our target of 60% of staff to travel to work by public transport in the reporting year 2019-20. However, we expect fewer staff overall to travel by public transport in the 2020-21 due to public health guidance related to the COVID-19 pandemic. It is anticipated that, although single occupancy journeys to campus may increase temporarily, the overall number of commuter journeys to campus is likely to be significantly lower due to home working.</p> <p>Student journeys by public transport: This target is unachievable because over 50% of Manchester Metropolitan's students commute from home rather than the more traditional model of living 'away' from home. These students tend to use public transport due to longer commutes, which makes walking and cycling impractical. We will review the way sustainable student journeys are measured as part of the University's new 2030 Sustainability Strategy.</p>						

^{9, 10, 11} Data source: 2020 staff travel and sustainability survey

¹² Data source: 2019/20 student enrolment survey

Waste and Resource Management

Sustainable Development Goals contributed towards: 9, 12

Objective	Key Performance Indicator	Baseline Year	Progress 2018-19	Progress 2019-20	Target	Status Against Target
Increase reuse and recycling (on-site)	Reuse and recycling rate	2007-08	54.9%	50%	60% by 2020-21	<div></div>
Divert waste from landfill (excluding waste from all building projects)	Percentage of waste diverted	n/a	99.8%	100%	Maintain 95% waste diversion	<div></div>
Divert waste from landfill (including waste from all building projects)	Percentage of waste diverted	n/a	97.9%	88.5%	Maintain 85% waste diversion	<div></div>
Explanation and opportunities for improvement						
Reuse and recycling rate: A number of factors have led to a reduced reuse and recycling rate of 50% in 2019-20: <ul style="list-style-type: none">In our previous Environmental Sustainability statement 2018-19, we noted that recycling figures for the year 2019-20 would decrease because the decommissioning of our Cheshire campus. The campus clearance increased the volume of wastes that were recycled in that particular year (54.9% in 2018-19).The Cheshire campus was set in a large rural green space and typically a large volume of organic waste was produced and composted. As the University no longer own this campus, its composting wastes have significantly reduced, thereby affected our overall reuse and recycling rate.The COVID-19 pandemic forced us to postpone several planned initiatives. This included our end of term campaign 'Give it, don't bin it' – which meant that many unwanted items that students would have usually donated to our charity partners were not donated, and may have ended up in general waste streams.The pandemic also meant that our usual reuse and recycling streams were affected and overall less waste was collected as recycling due to the availability of contracted waste services and facilities.						

Water Management

Sustainable Development Goals contributed towards: 6, 15

Objective	Key Performance Indicator	Baseline Year	Progress 2018-19	Progress 2019-20	Target	Status Against Target
Reduce total water consumption	Percentage reduction of total water use	2010-11	-20.1%	-45.1%	25% reduction by 2020-21	<div></div>
Reduce mains water consumption	Percentage reduction of mains water use	2010-11	-21.8%	-45.6%	35% reduction by 2020-21	<div></div>

ASSURANCE AND VERIFICATION

Scope

NOA has undertaken an independent verification for Manchester Metropolitan University's Environmental Sustainability Statement 2019-20. The scope of NOA's verification covers the data and information associated with Manchester Met's sustainability performance for the period 1 August 2019 to 31 July 2020. The Environmental Sustainability Statement covers the University's commitments and progress towards the aims and objectives in the Environmental Sustainability Strategy 2014-21.

Level of assurance and methodology

The evidence gathering process was designed to obtain a reasonable level of assurance to ensure the data and information provided are accurate, reliable and comparable.

In order to understand the process that Manchester Met adopted to ascertain key information in the statement, the compilation process was discussed as part of the ISO 14001:2015 certification process.

Systems and processes for collecting, collating and reporting sustainability performance data were verified. The verification procedure included reviewing relevant documentation, interviewing responsible personnel with accountability for preparing the reporting contents, and verifying a selected representative sample of data and information.

Independence

NOA was not involved in calculating, compiling, or developing the Environmental Sustainability Statement. NOA's verification activities are fully independent from Manchester Metropolitan University.



Richard Walsh MIEMA, CEnv
Principal Assessor Energy and Environment



CONTACT US

Thanks to our community of staff, students, neighbours and partners, we have made tremendous progress – and we intend to be even bolder in the future. If you would like to find out more, or if you want to share your thoughts and ideas, we would love to hear from you.

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@mmuenvironment

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¹ Ranked in second place and named as a first-class university in the People and Planet University League 2019

² Winner in the 2019 Green Gown Awards, Tomorrow's Employee category

³ Zero carbon as defined by the Tyndall Centre's proposed targets and definition of zero carbon for Manchester ('Playing our full part'), including direct scope 1 and 2 emissions

⁴ Winner in the Advance HE 2020 Teaching Excellence Awards for Higher Education

⁵ Based on a two-day, student-led audit, facilitated by Students Organising for Sustainability (SOS-UK)

⁶ Backed by the European Regional Development Fund (ERDF), £8.7m TRANSFORM-CE project sees us draw on our know-how in Industry 4.0, next-generation materials, 3D printing, and sustainability

⁷ Based on returning student responses in the 2019-20 online enrolment survey

⁸ Following an audit by the certification body NQA

⁹ Number of new Carbon Literacy Project certifications in the 2019-20 reporting year

¹⁰ Eco-I North West is a £14m business R&D programme being delivered by a consortium of universities in the North West, of which Manchester Metropolitan has a £2.2m share. It supports low carbon business innovations from SMEs across the North West.

¹¹ In March 2020 students facilitated a Carbon Literacy training session at the University Leadership Forum

¹² Pending final assessment and certificate

¹³ Named as lead partner in a Public Sector Carbon Literacy initiative led by the Carbon Literacy Project, and funded by the Department of Business, Energy & Industrial Strategy (BEIS) to develop training for staff across the public sector

¹⁴ A European Commission Marie Skłodowska Curie Individual Fellowship was awarded to Dr Elias Symeonakis, for "Land degradation neutrality: Towards an Earth observation-based early warning system for savannah degradation"



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We are committed to ensuring that all of our materials are accessible. This information is available in a range of formats, such as large print, on request via marketing@mmu.ac.uk