



- **38,000 Students**
- **5,102 staff**
- **250,000 m2 floor area**
- **£378m Estates Masterplan  
Investment Programme**
- **ISO 14001 Accredited**
- **48% reduction in CO2e since  
2005/06**









# The industrial North...



...now striving to be zero carbon



# Manchester Climate Policy



Zero Carbon by 2038



Low Carbon  
Culture Change



Climate Change  
Adaptation



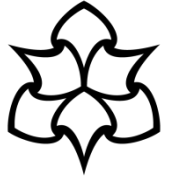
Transition to a  
Low Carbon Economy





***people & planet***

UNIVERSITY  
**LEAGUE**



2007



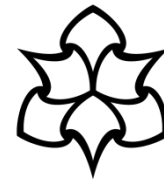
Massive fail

The only comprehensive and independent table of UK universities ranked by environmental and ethical performance



Manchester Met  
students convince  
the University to take  
action on environmental  
sustainability





From humble beginnings.....

# 2008

Fairtrade University Status achieved



Manchester Met commits to supporting and using Fairtrade products and raising awareness of Fairtrade with students and staff

The University produces its first environment strategy



people and Planet Green League  
**67<sup>th</sup>**



2:2 classification

Sustainability Investment Board created, leading the strategic direction for environmental sustainability at Manchester Met



'Give it don't bin it' end of term reuse campaign trialled at halls of residence, encouraging students to donate their unwanted items to charity



'Student Switch Off' launched. An NUS campaign delivering energy saving and recycling competitions within halls of residence at universities in the UK

# 2011

People and Planet Green League  
**17<sup>th</sup>**

First Class!

Recycling facilities installed across the University! Set some big targets to be a zero waste to landfill university by 2020-21



'Let's make a sustainable planet', our new sustainability identity is launched



'Good Egg' award achieved for our commitment to source only free-range eggs!



First ever borehole water system installed at the Business School

**135 kWh**

photovoltaic array installed at the Business School and Student hub, generating approximately 95,000 kWh of energy per year



**9.7%**

reduction in energy use in halls of residence thanks to 'Student Switch Off'

**3,428m**

Contributed to a world record by helping to make the longest line of Fairtrade bunting ever!



Green roofs installed on the All Saints building and Business School, reducing flash flooding in the city and enhancing biodiversity



Proud to be the UK's

# #1 Greenest University

 @MMUEnvironment



Manchester  
Metropolitan  
University



# 1st

place



UNIVERSITY  
LEAGUE 2017

Manchester Metropolitan  
University

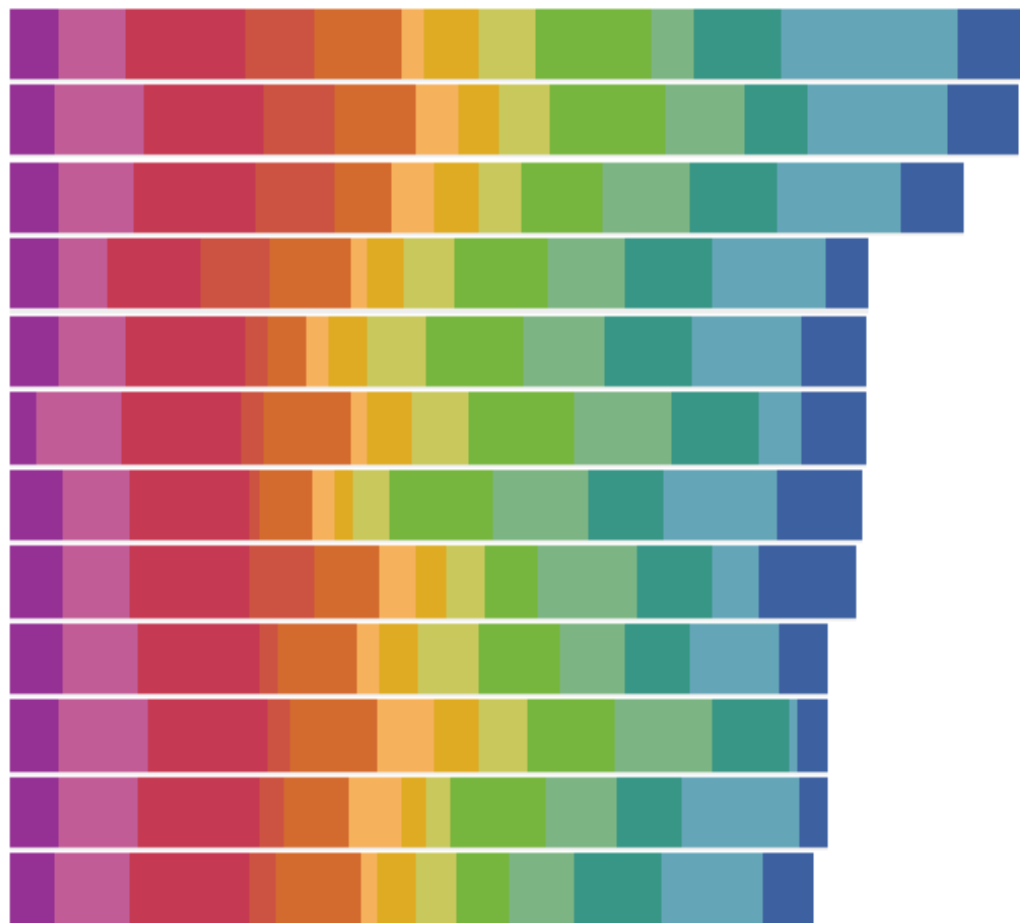


2nd  
place

UNIVERSITY  
LEAGUE 2019

# FIRST CLASS UNIVERSITIES

- 1 University of Gloucestershire
- 2 Manchester Metropolitan University
- 3 Nottingham Trent University
- 4 Northumbria University
- 5= City, University of London
- 5= University of Worcester
- 7 Coventry University
- 8 University of Bedfordshire
- 9= Aston University
- 9= Swansea University
- 11 University of Bristol
- 12 Newcastle University





**WE NEED  
A CHANGE**







**What was our recipe for success?...**

# Recipe

Title

**A Sustainable University**

Cook time

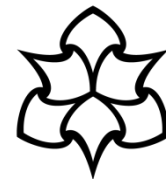
**5-10 years**

Ingredients

- **Strong leadership & good governance** ✓
- **A clear well defined strategy** ✓
- **Collaborative approach** ✓
- **Resilience** ✓

Directions

1. **Monitor and report your performance** ✓
2. **Pilot new ideas and take action** ✓
3. **Communicate communicate communicate** ✓
4. **Always celebrate success** ✓

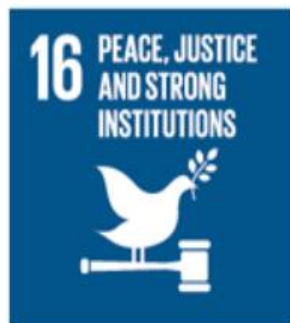
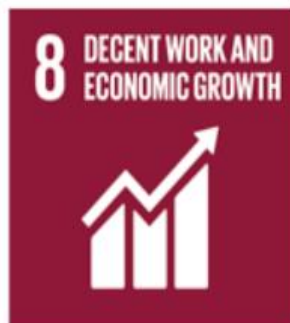


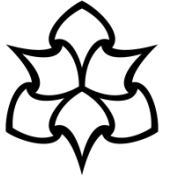


So What Next ...?



# UNESCO and Sustainable Development Goals





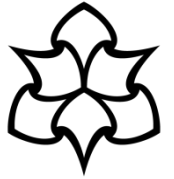
## Challenges and Opportunities

1. Achieving Zero Carbon Target by 2038
2. Reducing waste!....Circular Economy
3. Expanding our education and research on climate change

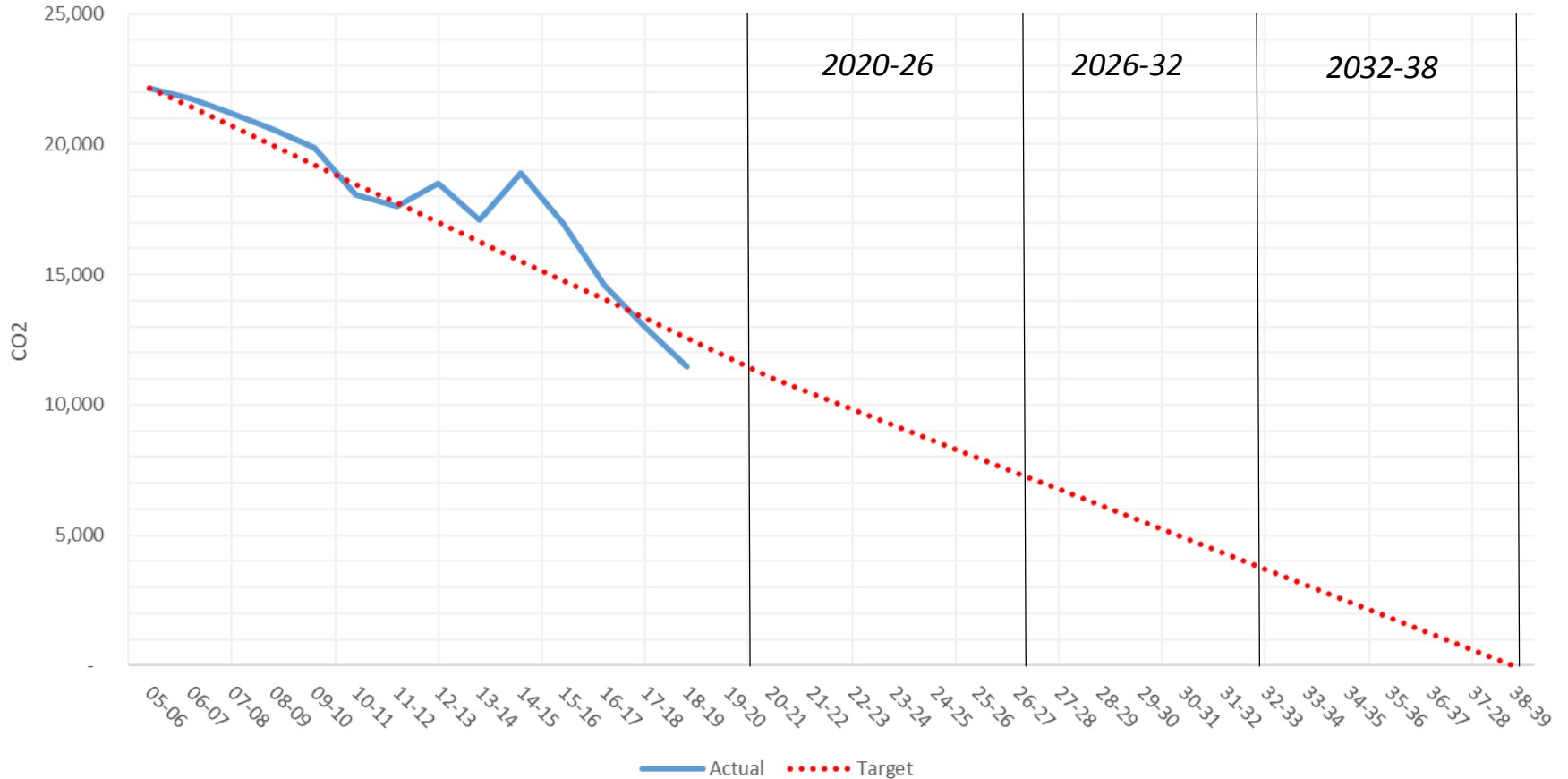








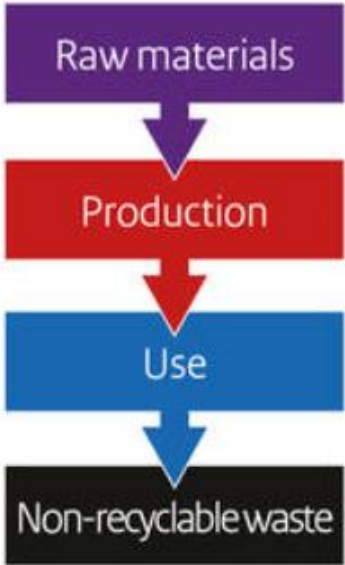
# Carbon Management Plan- 2038



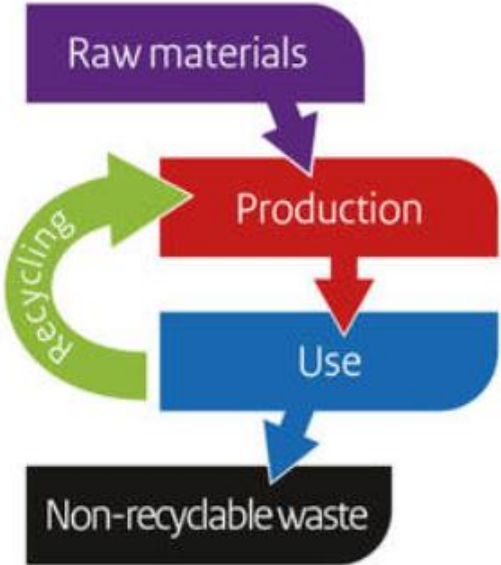


# From a linear to a circular economy

Linear economy



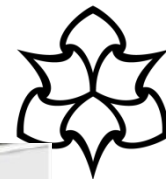
Reuse economy



Circular economy







# Carbon Literacy Project





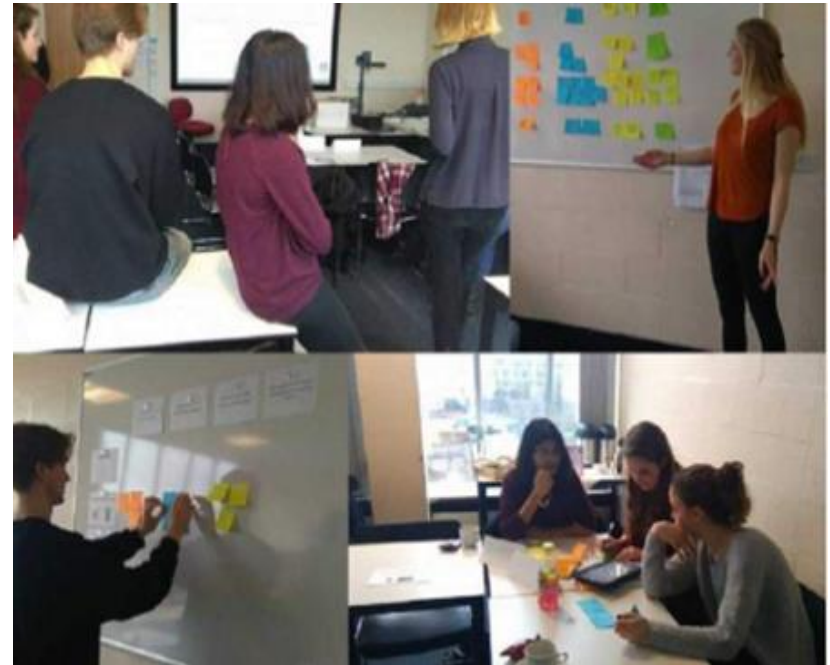


# Carbon Literacy 4 Students (CL4Ss)

**Film Screening**

+

**Interactive Workshop**





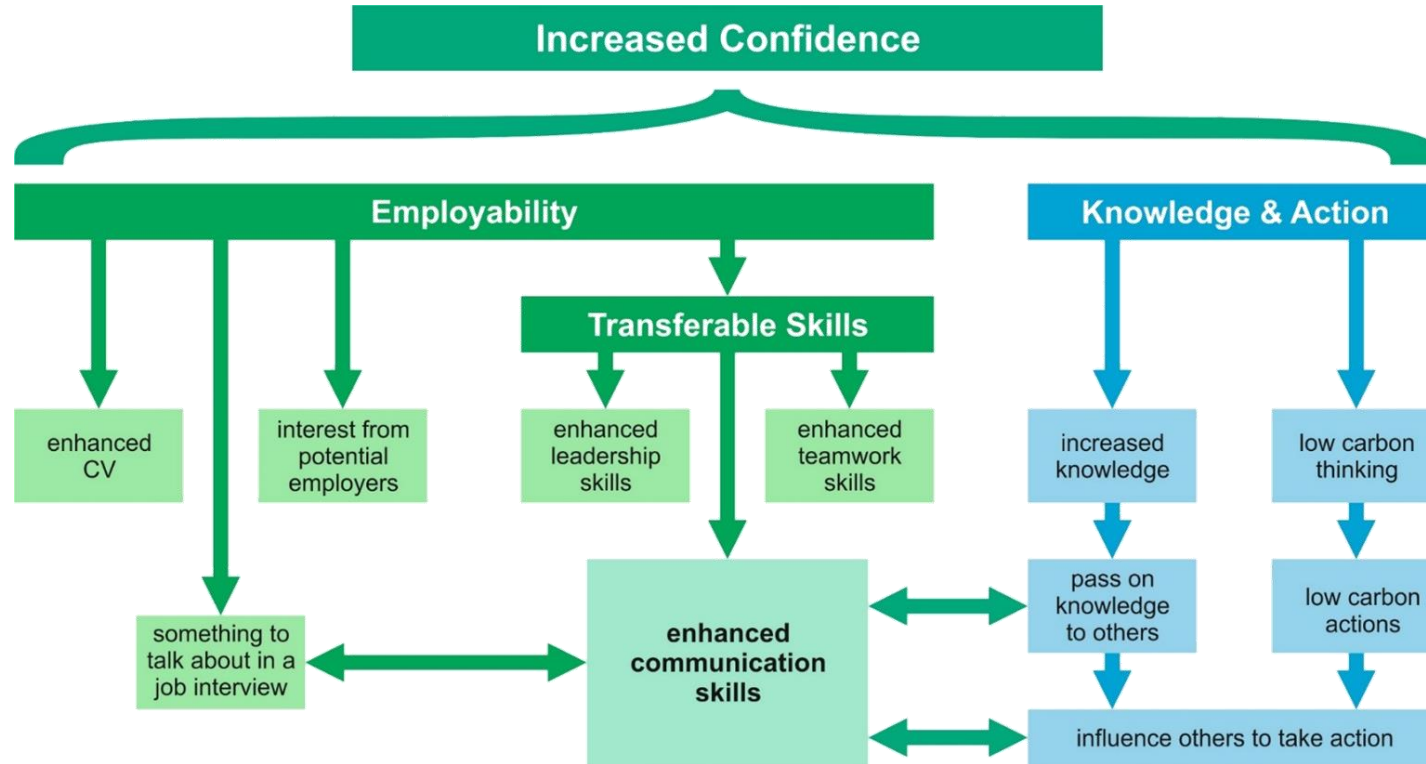


# Cascade Training Model





# CL4Ss Student Trainer Outcomes





## Quotes from our student trainers...

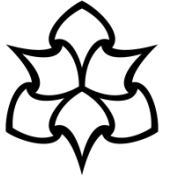
*“Becoming a Carbon Literacy Trainer has been one of the most rewarding experiences during my time at Manchester Metropolitan University”*

*“I wanted to become a Carbon Literacy Trainer (CLT) as I knew it would be a great way to improve my presentation skills, learn how to successfully communicate difficult (but important) topics, in my work, academic and personal life, and ultimately have a positive impact on our planet”*

*“The Train-the-Trainer programme also offered a more rewarding alternative to other part-time jobs, providing me with a professional qualification, alongside increased skills and confidence. I found the course highly engaging and feel as though it has helped me become a more well-rounded individual”*







## Thank you for Listening and Keep in Touch.....

- **Web:** [www.mmu.ac.uk/environment](http://www.mmu.ac.uk/environment)
- **Email:** [h.tinker@mmu.ac.uk](mailto:h.tinker@mmu.ac.uk) **and** [environment@mmu.ac.uk](mailto:environment@mmu.ac.uk)
- **Twitter:** [MMUEnvironment](https://twitter.com/MMUEnvironment)
- **Facebook:** [MMU Environment Team](https://www.facebook.com/MMUEnvironmentTeam)