

MANCHESTER
1824

The University of Manchester

WELCOME TO YOUR NEW HOME

IT'S BIG... VERY BIG!

The size of 11 football pitches. Step into the **Home of Engineering and Materials**, a truly innovative learning experience right here at the birthplace of the industrial revolution.

Our new purpose-built facilities are ready to take on some of the world's most pressing issues. Officially opening our doors this Autumn, you'll be the very first generation to enjoy the full experience.

Aerospace, robotics, or sustainable fashion - whatever your subject, there's a home for you here. Are you ready?



73 new trees have been planted on site with even more in the local community. Overall, it's a 2 for 1 replacement.

Over 1200 informal study spaces.

Large lecture theatres, equipped with high density Wi-Fi and power to every seat.

A dynamic new maker space where creativity and ideas run free.

Teaching and research laboratories including our blended lecture theatres.

CONNECT COLLABORATE CREATE



Prof Peter Green, Vice Dean for Teaching, Learning, and Students

"We brought students in right at the start and they were clear, design a building for us, not for yourselves. Whether you're a Fashion, Materials Science or Engineering student, these learning spaces are what our students wanted to see."



Scan the QR code and watch the full video



Prof Danielle George, Associate Vice President for Blended and Flexible Learning

"Part of my job is to inspire the next generation, to make sure we ask how and why things work."



Scan the QR code and watch the full video

It's about smashing stereotypes on what an engineer looks like and what an engineer does. This building shows what is possible: empowering students to truly make a difference to the world around them."

OPEN THE DOORS AND GET READY TO...





DRY LABS/BLENDED SPACE

Access a wide-range of teaching and laboratory spaces, including our innovative blended lecture theatres, where theory and practical come together. This is truly unique and unlike anything else in Higher Education in the UK.

Get hands-on experience in our student workshops and project areas to actively address some of the biggest challenges facing our planet, supported by academics and technicians.



Scan the QR code to hear what our students say

OUR DISCIPLINES

Mechanical, Aerospace & Civil Engineering

"The future will be built by Mechanical, Aerospace, and Civil Engineers, and it begins here!

From world-class equipment to blended learning, our students gain every tool needed to propel the world forward sustainably. This space also smooths the journey to industry in other enriching ways, enabling collaborations to take flight much akin to those experienced within a rewarding engineering career."

Dr Tim Craft - Senior Lecturer, Mechanical, Aerospace and Civil Engineering

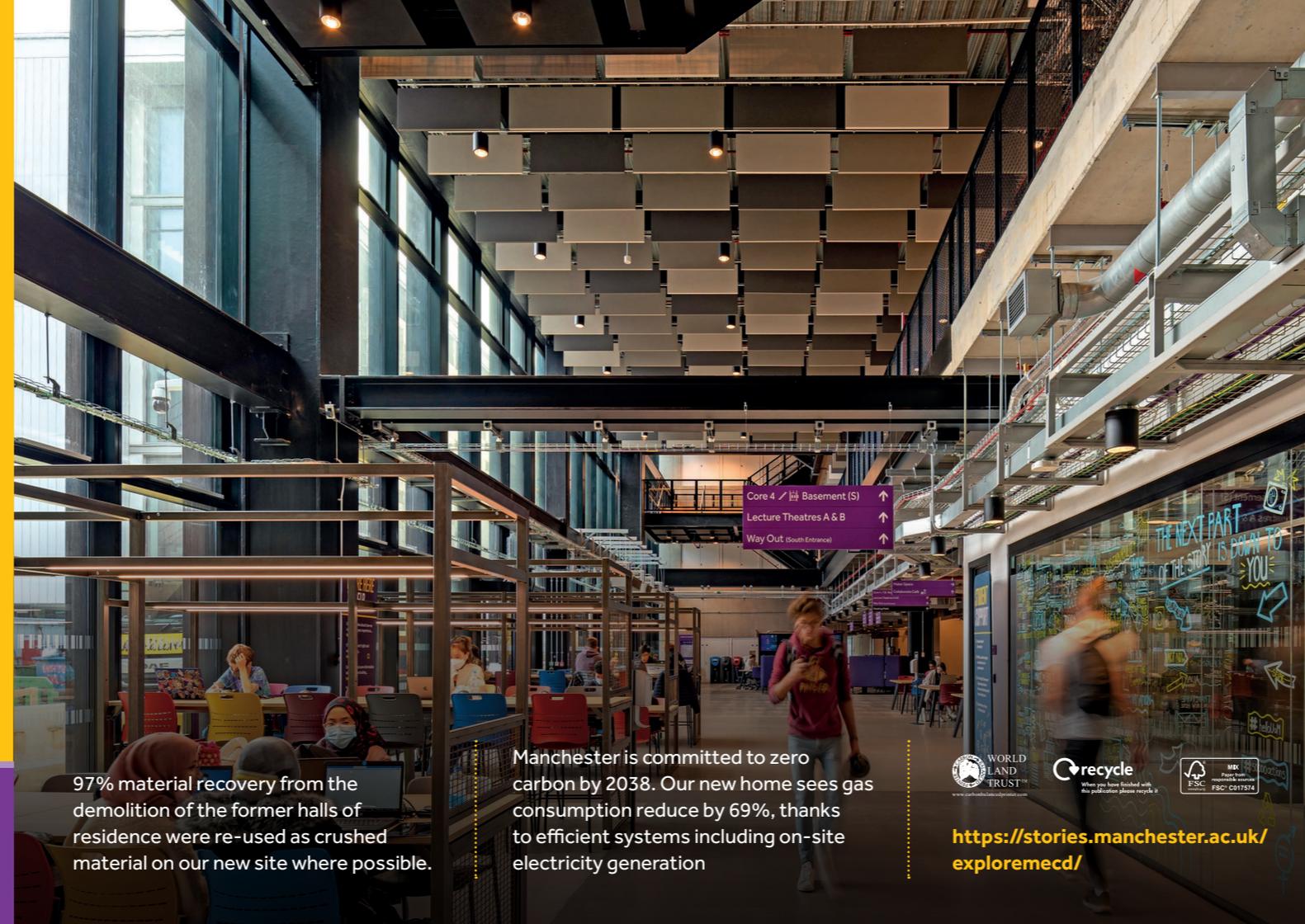
Chemical Engineering

"As our future chemical engineers, you will be the generation to tackle the world's sustainability, energy and climate issues. Where better to do this than here at Manchester, in the new home of engineering, built with sustainability at the heart of its design. You will have direct access to our pilot-scale lab facilities as well as the latest in blended learning technology."

Prof Lev Sarkisov - Head of Department of Chemical Engineering



Less water used through more efficient design - that's how we're using **40% less** in our new home



97% material recovery from the demolition of the former halls of residence were re-used as crushed material on our new site where possible.

Manchester is committed to zero carbon by 2038. Our new home sees gas consumption reduce by 69%, thanks to efficient systems including on-site electricity generation



<https://stories.manchester.ac.uk/exploremecd/>

OUR DISCIPLINES

Electronic, Electrical and Mechatronic Engineering

"Our new home will provide a top-class environment for our students and help us continue to grow our links with industry. This will not only help inform and deliver our expert-led teaching but will also boost our teaching and research facilities, such as our Dry Lab and the High Voltage Lab. Manchester will truly be the place for innovation in engineering, with the surroundings to match our ambition."

Dr Siniša Djurović - Senior Lecturer, Electrical Engineering

Materials Science and Engineering

"Within this single building alone we have a huge range of materials characterisation tools from electron microscopes, wet chemical labs, mechanical testing equipment, and much more for every imaginable class of material. With the Graphene Institute also just next door, there couldn't be a better time to come study materials at Manchester."

Dr Mark Bissett - Senior Lecturer, Materials Science and Engineering

Fashion Business and Technology

"This is an incredibly exciting space with specialised retail studios, dyeing textile labs, and the latest in blended learning technologies. Collaborate with your peers from different disciplines within the teaching and social areas for an inclusive, diverse experience which widens your network for your future career."

Rachel Parker-Stark - Lecturer, Fashion Business and Technology

High Voltage Lab



SPECIALIST LAB SPACES

Uniting experts from across the University, our labs provide the perfect space to collaborate, engage in world-leading research, and solve real problems.



It's never been easier to explore the city the sustainable way! Park up to one of our 420 additional cycle spaces on-site to enjoy just one route to our Green Impact commitment.



40% carbon reduction predicted for year one with more reduction expected.