

# Energy and Carbon

Our 50% carbon footprint reductions are saving £millions



AIMING TO GET THE CAMPUS OFF GRID THROUGH ONSITE ELECTRICITY GENERATION AND EFFICIENCY BRINGING SAVINGS AND RESILIENCE TO POWER CUTS



WE HAVE MADE A 35% REDUCTION IN CARBON EMISSIONS FROM HEATING AND ELECTRICITY SINCE 2005 AND HAVE A TARGET TO ACHIEVE A 50% REDUCTION BY 2020



10TH MOST SUCCESSFUL UNIVERSITY IN REDUCING CARBON EMISSIONS SINCE 2005 (BRITE GREEN REPORT) AND ONE OF ONLY 10 UNIVERSITIES ON TRACK TO MEET OUR 2020 HEFCE TARGET OR GREATER.



WE'VE SAVED ENOUGH ENERGY TO POWER 270 FAMILY HOMES EVERY YEAR



4 TYPES OF RENEWABLE ENERGY

WE GENERATE CARBON FREE RENEWABLE ELECTRICITY THROUGH 4 TYPES OF RENEWABLE ENERGY SOLAR ELECTRICITY AND HOT WATER, BIOMASS BOILERS AND AIR SOURCE HEAT PUMPS



WE GENERATE HALF OUR ELECTRICITY ON CAMPUS USING OUR EFFICIENT COMBINED HEAT AND POWER ENGINES.



HEAT IS PUMPED ROUND THE CAMPUS USING A GIANT CENTRAL HEATING SYSTEM AND CONTROLLED REMOTELY BY OUR BUILDING MANAGEMENT SYSTEM



ALL CAMPUS DEVELOPMENTS ARE SUPER-EFFICIENT, MAXIMISING NATURAL LIGHT AND VENTILATION, INSULATION AND AIR TIGHTNESS



WE AIM TO PROVIDE A COMFORTABLE WORKING ENVIRONMENTAL ACROSS OUR SITES, PLEASE WEAR APPROPRIATE CLOTHING FOR THE TIME OF YEAR



OUR LIGHTING IS MODERN TECHNOLOGY UTILISING SUPER EFFICIENT LEDS COMBINED WITH AUTOMATIC SENSOR CONTROLS TO SAVE ENERGY



WE NEED YOU TO REPORT ENERGY WASTAGE AND IDEAS TO US



REMEMBER TO SWITCH OFF WHEN YOU'RE FINISHED!