

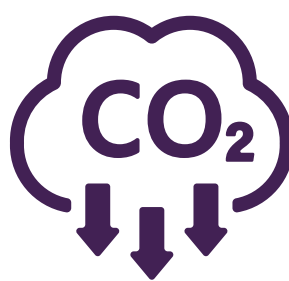
HYDROGEN HEATING IN THE NORTH WEST

DECARBONISING DOMESTIC HEAT IS ONE OF THE **BIGGEST CHALLENGES** FACING THE UK AS IT LOOKS TO DELIVER ON ITS NET ZERO COMMITMENTS



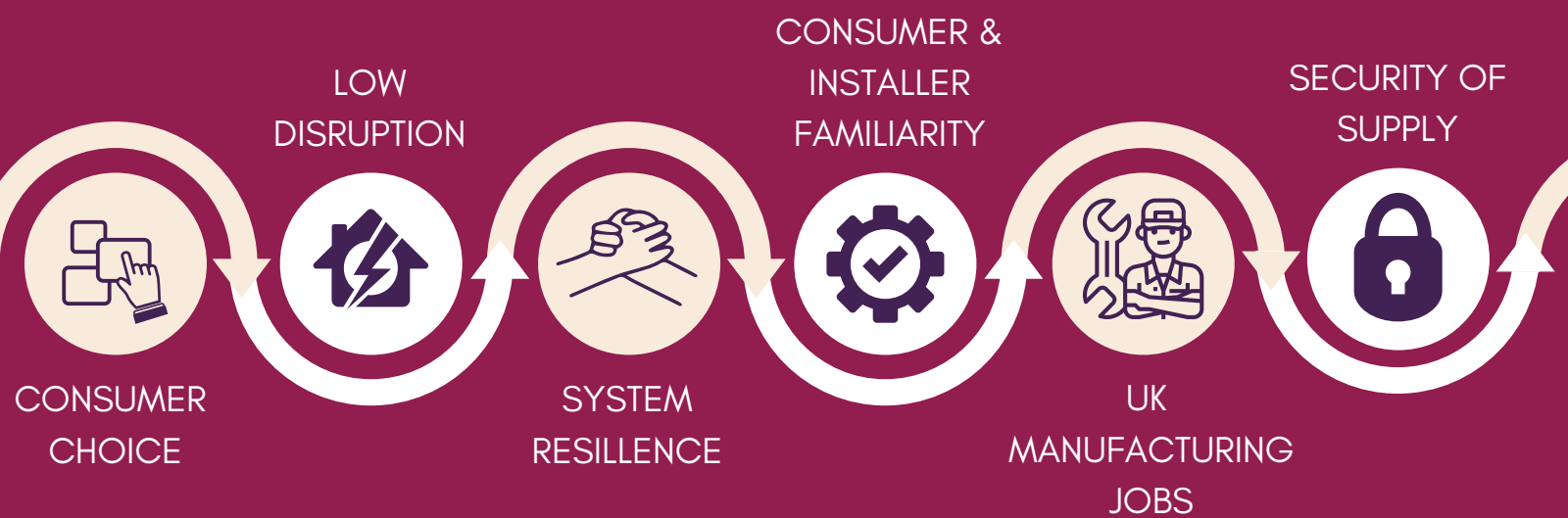
85%

OF UK HOMES ARE CURRENTLY HEATED USING A NATURAL GAS BOILER



HEAT IN BUILDINGS IS RESPONSIBLE FOR NEARLY 20% OF ALL UK EMISSIONS

HYDROGEN HAS A KEY ROLE TO PLAY ALONGSIDE ELECTRIFICATION AND HEAT NETWORKS IN DECARBONISING HEATING IN OUR HOMES



SWITCHING TO HYDROGEN IN OUR HOMES WOULD....

REDUCE THE AVERAGE HOUSEHOLD EMISSIONS BY

2.4 TONNES CO₂ PER YEAR

REDUCE AN RESIDENT'S CARBON FOOTPRINT BY

35%



IN THE NORTH WEST, IF JUST **50%** OF THE REGION'S HOMES USED HYDROGEN HEATING, THIS WOULD SAVE THREE MILLIONS TONNES OF CO₂ EACH YEAR

THE NORTH WEST HAS BEEN SHORTLISTED TO HOST THE UK'S FIRST HYDROGEN VILLAGE WHICH WOULD SEE AROUND 2,000 PROPERTIES IN WHITBY, ELLESMERE PORT CONVERTED TO HYDROGEN BY 2025



North West
Hydrogen
Alliance

FOR FURTHER INFORMATION VISIT: WWW.NWHYDROGENALLIANCE.CO.UK