

WHY HYDROGEN?

The UK government is committed to reaching zero carbon emissions by 2050. Heating homes in the UK accounted for 21% of greenhouse gas emissions in 2016.

Hydrogen is a carbon-free fuel that can be used to heat homes.

SCAN TO LEARN MORE



Find out how *you* can be hydrogen ready.

Are you HYDROGEN



READY?

IS IT SAFE?

Hydrogen has been found to be safer than using fossil fuels because there is no risk of carbon monoxide poisoning. Both gasses carry the same risk of explosion.

HOW DOES A HYDROGEN BOILER WORK?

Hydrogen boilers work the same as traditional gas boilers without the greenhouse gases with only minor changes to existing systems. The efficiency is unchanged.

WHERE DOES IT COME FROM?

Using electricity from renewable energy sources, water is separated into oxygen and hydrogen. The hydrogen can be captured and stored until it's needed.



HOW MUCH WILL IT COST?

While there is no precise cost estimate, members of the Energy and Utilities Alliance (EUA) ensure the cost to consumers is no more than with fossil fuels.



FOSSIL FUELS

HYDROGEN

FOSSIL FUELS



Easily managed risks

SAFETY

Easily managed risks

Well-known

PERFORMANCE

Similar

Well-established

INFRASTRUCTURE

Requires an update

Process polutes environment

PRODUCTION

Clean electricity makes H₂ from water

Combustion adds to climate change

SUSTAINABILITY

Net zero carbon emissions

