

# The Hydrogen-Fuelled Route to Greener Transport

Green transportation is on the cusp of a hydrogen revolution.



Hydrogen fuel cells were identified among the new energy technologies needed to achieve a **60-80%** reduction in greenhouse gases by 2050.

EU Mobility and Transport Unit



A leading bus manufacturer plans to build **3,000** hydrogen buses by **2024**



Hydrogen technology complements electrification.



**Minimal waste**

Only water vapour



**Rapid refuelling**

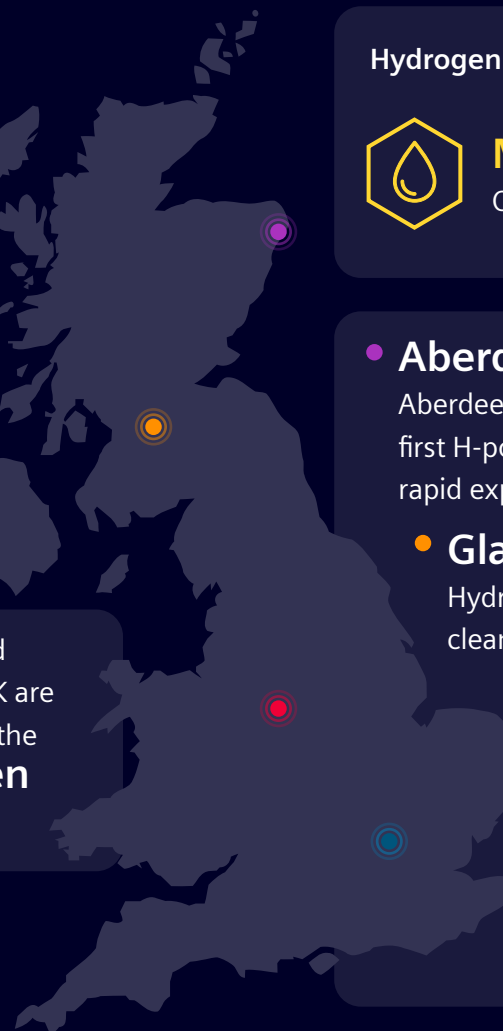
As fast as diesel



**Up to 250 miles**

Typical range on a full tank

Cities up and down the UK are jumping on the **hydrogen bus**.



**Aberdeen**

Aberdeen has rolled out the world's first H-powered double deckers with rapid expansion plans

**Glasgow**

Hydrogen forms part of the city's clean transport investment plan

**Birmingham**

Has placed orders for vehicles with JIVE\*

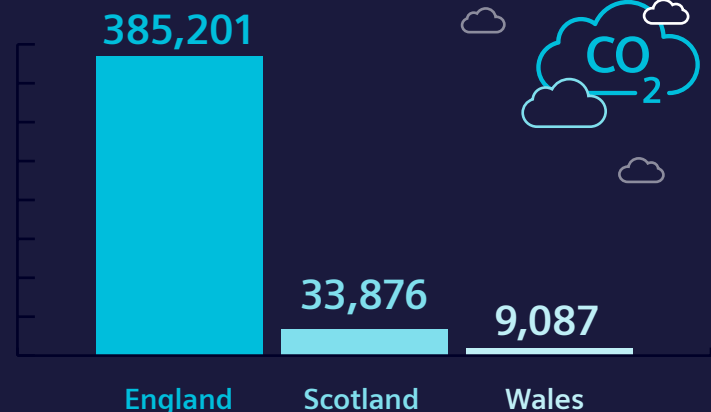
**London**

Hydrogen buses have been running on routes in London since 2015

**25%**

Converting **25%** of the UK bus fleet to hydrogen-powered vehicles is predicted to dramatically reduce emissions **over 5 years**.\*

**Predicted tonnes of CO2 saving**



\*Joint initiative for hydrogen vehicles across Europe

But how will hydrogen and electric hybrid buses be financed in the current economic climate?

[Read our thought leadership paper to find out](#)