

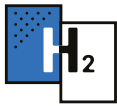


# L&G Hydrogen Economy UCITS ETF

An investment strategy focused on the growth potential of hydrogen innovation and technologies in the transition to a lower-carbon world

The ETF will seek to gain exposure to the full hydrogen value chain, consisting of hydrogen producers, fuel-cell manufacturers, mobility providers, fuel-cell component suppliers, key industrial and utility companies, and others in the supply chain.

## Investing at the start of the hydrogen revolution



### Hydrogen policy and economics are aligned

The combination of low-carbon government policies, technological advances, and cheaper components is facilitating the growth of the hydrogen economy.



### Capital is shifting to hydrogen today

Governments and businesses are already investing in hydrogen across a range of markets from heavy transport to alternative heating.

## Europe unveils plan to boost hydrogen market in green recovery

- EU Commission presents strategy to channel funds into the fuel
- Clean energy shift is central to EU's economic recovery plans

Bloomberg, July 2020



### Green hydrogen is blooming

Industries that already consume hydrogen rely heavily on 'grey' hydrogen (which is produced with fossil fuels without the carbon emissions being captured); policymakers, particularly in Europe, are now encouraging these industries to switch to 'green' hydrogen produced without fossil fuels, which could reduce up to 3% of global CO<sub>2</sub> emissions.



### Trillion-dollar potential

The hydrogen economy is expected to be worth \$2.5 trillion of revenues and \$11 trillion in infrastructure potential by 2050.<sup>1</sup>

## The time is right to power up hydrogen

- The EU must consider all options if it is to achieve carbon neutrality

Financial Times Editorial Board, July 2020

<sup>1</sup> Source: Bank of America, December 2020

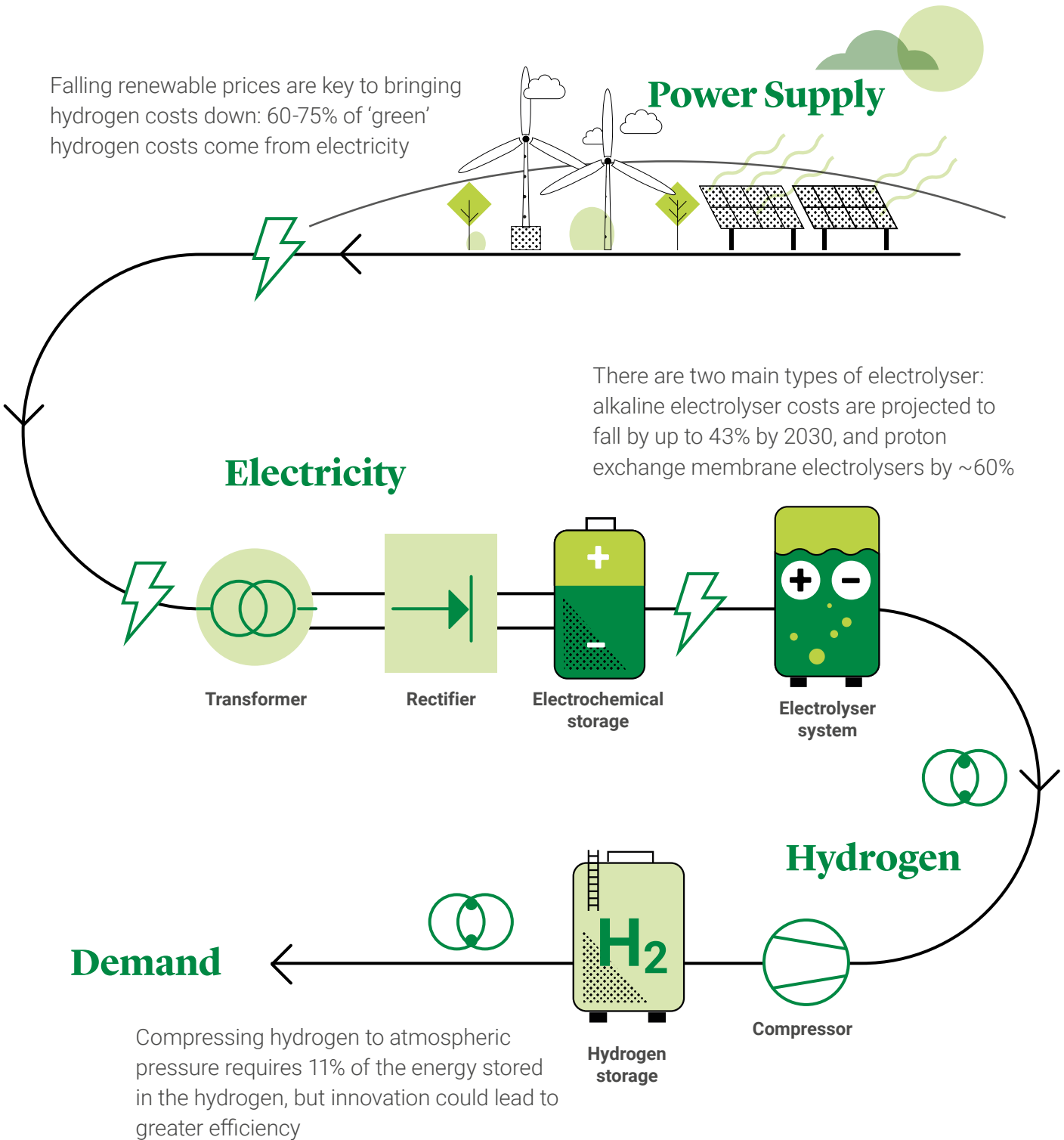
**Key Risk – The value of an investment and any income taken from it is not guaranteed and can go down as well as up; you may not get back the amount you originally invested.**



# Green hydrogen production via electrolysis

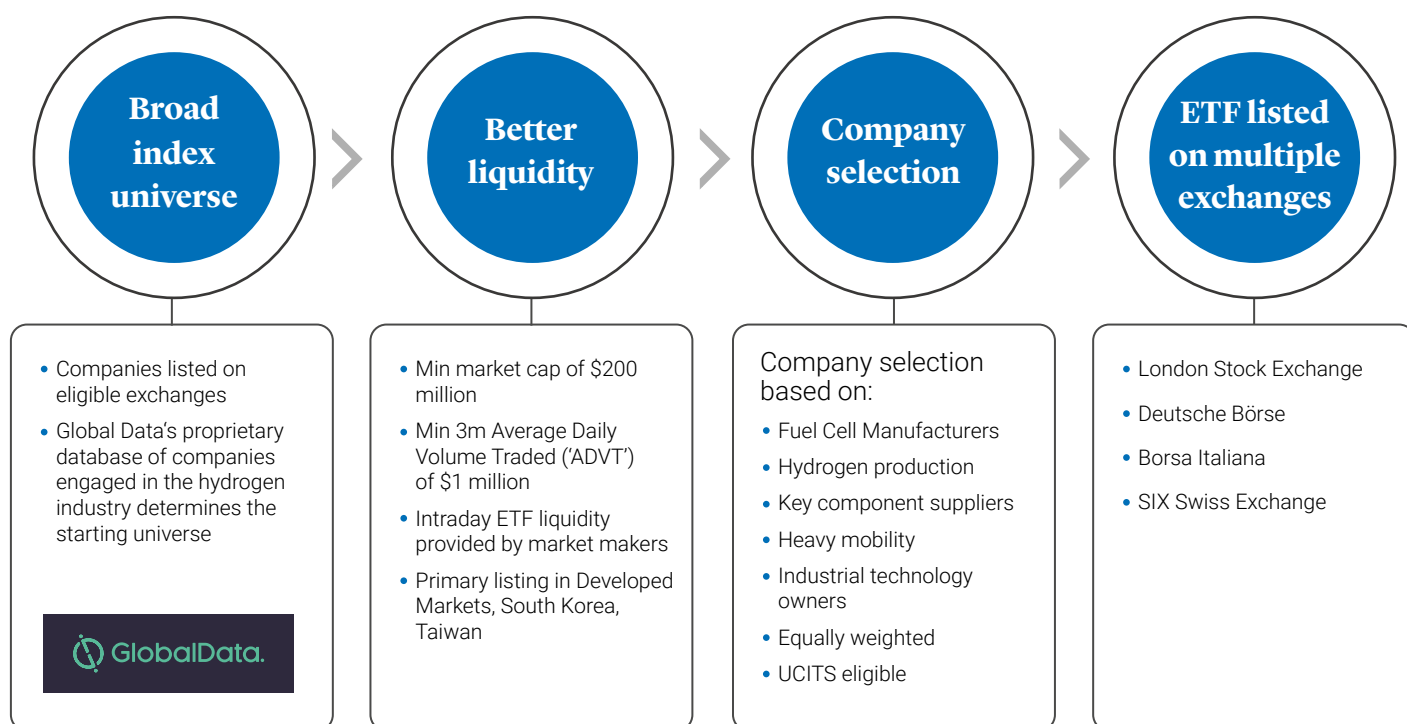
## Understanding the production of clean hydrogen

Electrolysis is the process of using electricity to split water (H<sub>2</sub>O) into hydrogen (H<sub>2</sub>) and oxygen (O<sub>2</sub>) gas. This reaction occurs in a unit known as an electrolyser. If renewable power is used to create the electricity, then the process has a zero-carbon footprint and this is known as 'green' hydrogen.



## About the strategy

### L&G Hydrogen Economy UCITS ETF



### The hydrogen economy – what do we track?

Components	Hydrogen Production	Fuel Cells	Storage & Distribution	Fuel Cell Systems	Industrial Applications	Mobility Applications
Membranes	Fossil fuel hydrogen	Proton exchange	Fuelling stations	Forklifts	Steel making	Trucks & buses (HGV)
Cathode, anode & electrolytes	Proton Exchange	Solid Oxide	Pressurised containers	Bus/truck FC systems	Fertilizer	Forklifts
Catalysts	Alkaline	Alkaline	Vehicle fuel tanks	Stationary power	Cement production	Mining trucks
Pumps, compressors, tanks	Solid Oxide		Salt caverns		Refining	Cars (LMV)
Other components					Heating & other applications	Marine & aviation

### Product details

Fund Name	L&G Hydrogen Economy UCITS ETF
Index	Solactive Hydrogen Economy Index NTR
ISIN	IE00BMYDM794
TER	0.49%
Base currency	USD

Listings and Tickers	LSE (USD) – HTWO
	LSE (GBP) – HTWG
	Borsa Italiana (EUR) – HTWO
	Deutsche Börse (EUR) – HTMW
	SIX (CHF) – HTWO

## Contact us

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### Key risks

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