



## First London listed fund dedicated to clean hydrogen for the energy transition to net zero

**£250m**

Target fund raise

**£25m**

INEOS Energy cornerstone

**10-15%**

p.a. NAV growth potential<sup>2</sup>

**US\$1tn**

Sector market potential by 2040

### Key features

- First London-listed investment fund dedicated to clean hydrogen
- Clean hydrogen has a key role in decarbonisation for the energy transition, and improved air quality
- Specialist Investment Adviser with strong energy sector track record
- Targeting a diversified portfolio of hydrogen assets, from investible universe of c.US\$90bn, offering distinctive liquid access to private equity, difficult to access elsewhere
- Strongly-orientated to ESG mandates, avoiding GHG emissions in energy and exclusion of fossil fuels producers
- Distinctive opportunities in risk-diversified hydrogen and related businesses with target total return of 10-15% per annum<sup>2</sup>
- Strategic investment by INEOS, committing to a minimum of £25m
- Target fund raise £250m. Closing date expected 27 July 2021

### Management presentation:

There will be a webinar with HydrogenOne Capital LLP on this opportunity on Wednesday 14 July 2021 at 11.00 am (UK time). To register:

<https://www.investormeetcompany.com/hydrogenone-capital-growth-plc/register-investor>

### Further information:

[www.hydrogenonecapitalgrowthplc.com](http://www.hydrogenonecapitalgrowthplc.com)

### Background on industry:

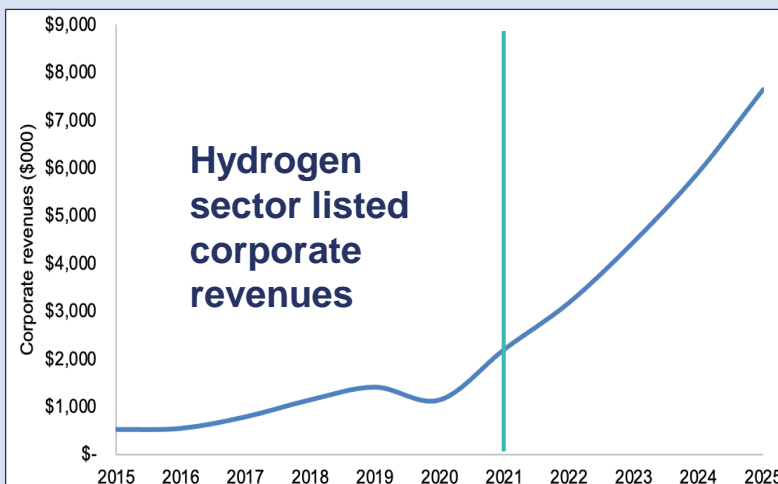
[The Bluffers Guide to Hydrogen](#)

# First mover opportunity to invest in a portfolio of clean hydrogen businesses

## Clean hydrogen is a key driver to delivering Net Zero emissions

- Policy makers and industry are converging on clean hydrogen as a core technology to deliver Net Zero and improved air quality
- The Paris Agreement has led >30 countries to set out hydrogen policies and US\$70bn of funding as part of Net Zero targets. New legislation underpins future investment into hydrogen
- The growth in wind and solar energy globally is a major energy supply for new green hydrogen projects, now
- The sector has US\$1tn market potential in 2040. A 20x increase in clean hydrogen supply is anticipated from 2019-2030, and 500x from 2019-2050
- Investors lack a specialist entry point to this sector – HydrogenOne Capital has been established to bridge this gap

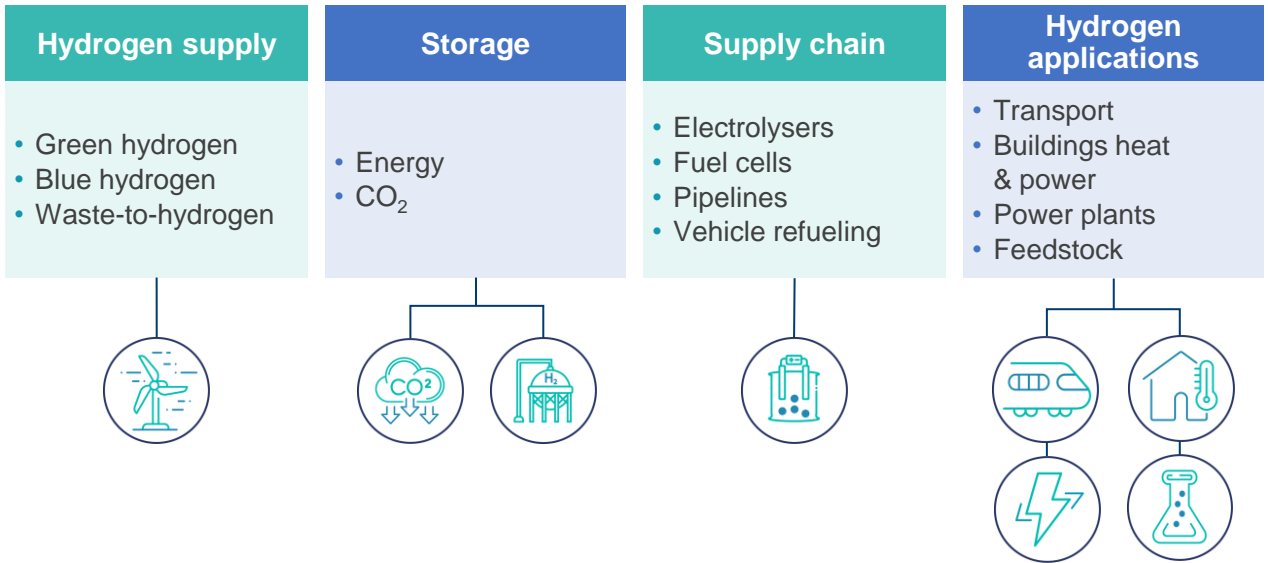
## Revenue potential from clean hydrogen is accelerating





- Listed hydrogen cleantech revenues expected to see substantial growth, with 4X potential by 2025
- Electrolyser and fuel cell sales volumes increasing rapidly

Top 17 hydrogen electrolyser and fuel cell companies' revenues. Bloomberg consensus and HydrogenOne Capital LLP forecasts from 2021 onwards

## Range of business we will be investing in









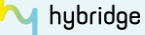










## Key characteristics of clean hydrogen sector

Supply chain equipment	Clean hydrogen supply	Technology & Innovation
 <p>Electrolyser, used to split water into H and O<sub>2</sub> with electricity</p> <ul style="list-style-type: none"> <li>• Specialist equipment manufacturers</li> <li>• Fuel cells, electrolysers, portable power and hydrogen refuelling sites</li> <li>• Pre-IPO and listed opportunities</li> <li>• Strong growth and consolidation potential</li> </ul>	 <p>Japan FH2R (Toshiba/Tohoku/Iwatani) 10MW solar. 2020 start-up</p> <ul style="list-style-type: none"> <li>• “Green” hydrogen using renewable power and electrolysis</li> <li>• “Blue” hydrogen reforming natural gas and storing CO<sub>2</sub> by-products</li> <li>• Bankable projects in decades-long cash flow streams</li> </ul>	 <p>Breeze hydrogen train, UK pilot 2021 (Alstom)</p> <ul style="list-style-type: none"> <li>• High tech innovation companies and projects targeting ‘hard to decarbonise’ sectors</li> <li>• Trains, flight, shipping and steel</li> <li>• Ability to retain and deploy intellectual property at scale</li> </ul>

## Distinctive portfolio identified for investors

- HydrogenOne has identified an Investible Universe of US\$90bn in 150 opportunities for growth investment, refined from a longer list
- Target portfolio of 36 positions identified, with Non-Disclosure Agreements and several bids underway, all ready to take investment
- Capital allocation priority in private positions, not easily available elsewhere, giving investors a ‘private equity’ play on hydrogen
- Hydrogen bridges the gap between ‘clean-tech’ and ‘energy producers’ offering positive sentiment and fundamental asset value
- The Fund offers portfolio diversification and liquidity in a new clean energy sector with a first mover advantage

	Private Companies	Private Projects	Listed Hydrogen Assets
<b>Example Holdings</b>	   	     	      
<b>Opportunity</b>	US\$7bn	US\$22bn	US\$60bn
<b>Allocation<sup>1</sup></b>	c.90%		c.10%
<b>Fees</b>	0.5%-1.5% Performance fee on realised assets 15%; 20% in equity		0.8% >£100m 1% <£100m

10-15% p.a. target return<sup>2</sup>

- Investible now
- Private equity
- Connectivity to listed assets

Energy transition

- Allocating capital to clean energy
- Exclusion of fossil fuels producers

Deep experience in sector

- Access to distinctive assets
- Specialist approach

<sup>1</sup> Target allocation will fluctuate over time due to market conditions and other factors, including calls for and distributions from Liquidity Reserve, and the timing of making and exiting investment. Maximum Listed Companies weighting 30%; minimum Private companies and projects weighting 70%.

<sup>2</sup> The total NAV return target is a target only and not a profit forecast. There can be no assurance that this target will be met, or that the Investment Trust will make any distributions or returns at all and it should not be taken as an indication of the Investment Trust's expected future results. The Investment Trust's actual returns will depend upon a number of factors, including but not limited to the size of the Investment Trust at launch, currency exchange rates, the Investment Trust's net income and level of ongoing charges. Accordingly, potential investors should not place any reliance on this target in deciding whether or not to invest in the Investment Trust and should decide for themselves whether or not the target total NAV return is reasonable or achievable. The illustrative returns has been calculated on the basis of various assumptions and inputs. There can be no assurance that these assumptions and/or inputs will be correct or that the associated potential revenues and returns will be generated. The information provided should not be seen as an indication of the Investment Trust's expected or actual results or returns. Accordingly, investors should not place any reliance on this information when deciding whether to invest in the Investment Trust.

# Private opportunities, hard to access elsewhere

## Private electrolyser company examples



- Demonstrating 2.5MW product line with H2 generation at remote sites with Canada Tire; competes with trucked-in diesel
- 2021: acquired CleanFuel Systems: project development and aftermarket
- 2021: RTO and c.US\$50m fund raise underway
- Established player with 75MW/year capacity
- Nordic market + Australia
- 2020: €28m fund raise includes AP Moeller
- 2021: New management team + 400MW growth strategy
- 2021: IPO: €0.5bn Nasdaq Copenhagen

Source: Company websites. Chart shows examples of assets in HydrogenOne LLP's Investible Universe

## Private clean hydrogen supply projects examples

**HY<sub>2</sub>GO**

HY<sub>2</sub>GO

- UK South Lanarkshire green hydrogen
- Planning in principle
- HY2GO / Ryse Hydrogen

**Scottish Power**

SCOTTISHPOWER RENEWABLES

- UK Whitelee green hydrogen
- Planning application
- 40MW solar
- Scottish Power / BOC / ITM

**Orsted**

Orsted

- NL / Belgium SeaH2Land
- 1GW wind / green hydrogen
- Scoping
- Orsted / Yara / Arcelor Mittal / Dow

**Progressive Energy**

PROGRESSIVE ENERGY

- Hynet. UK
- Blue hydrogen facility at Stanlow refinery + Liverpool Bay CCS
- Progressive Energy / Essar
- US\$750m project, 2025 start-up

Source: Company websites. Chart shows examples of assets in HydrogenOne LLP's Investible Universe

## About HydrogenOne Capital

- Founded in 2020, HydrogenOne Capital LLP is a specialist investor in the clean hydrogen sector. Our focus is unlocking profitable growth for investors within a strong ESG mandate
- Highly experienced Investment Adviser team with senior executive track record in Shell, BP, Exxon, Artemis and Deutsche Bank, including US\$2.5 billion of pre-IPO investment, US\$100m listed equities portfolio, US\$10 billion of IPOs, US\$150 billion in energy projects
- The Investment Adviser has developed an investible portfolio of listed and private companies and projects, for early investment by the fund
- ESG is embedded in the investment process, with the emphasis on 'avoided GHG emissions' and exclusion of fossil fuel producers

### Investment Adviser



**Dr JJ Traynor**  
*Managing Partner*

- 32 years energy, capital markets, project management, M&A
- Senior roles at Royal Dutch Shell, Deutsche Bank, BP
- Geology BSc from Imperial College, PhD from Cambridge University. INSEAD Advanced Management Programme. Fellow of the Geological Society of London



**Richard Hulf**  
*Managing Partner*

- 30 years energy, fund management, corporate finance and engineering
- Senior roles at Artemis, Ernst & Young, previously Henderson Crosthwaite, Exxon and Babcock Power
- MSc in Petroleum Engineering from Imperial College, Chartered Engineer (CEng)

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Before investing you should read the Prospectus, and in particular the risk factors set out therein, which is available on the Company's website ([www.hydrogenonecapitalgrowth.com](http://www.hydrogenonecapitalgrowth.com)) in order to fully understand the potential risks and rewards associated with a decision to invest in the securities. Approval of the Prospectus by the Financial Conduct Authority should not be understood as an endorsement of the securities that are the subject of the Prospectus. If you have any doubts about the suitability of an investment you should seek professional advice.

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The Company is the only manufacturer of the Ordinary Shares for the purposes of the PRIIPs Regulation and none of the AIFM, the Investment Adviser, Panmure Gordon or Kepler Cheuvreux are a manufacturer for these purposes. None of the AIFM, the Investment Adviser, Panmure Gordon or Kepler Cheuvreux make any representation, express or implied, or accepts any responsibility whatsoever for the contents of the KID prepared by the Company nor accepts any responsibility to update the contents of the KID in accordance with the PRIIPs Regulation, to undertake any review processes in relation thereto or to provide the KID to future distributors of Ordinary Shares. Each of the AIFM, the Investment Adviser, Panmure Gordon and Kepler Cheuvreux and their respective affiliates accordingly disclaim all and any liability whether arising in tort or contract or otherwise which it or they might have in respect of the key information document prepared by the Company.

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