

# HydrogenOne Capital Growth plc

## Q2 2024 Investor Update



**UKSIF**  
UK Sustainable Investment  
and Finance Association

Signatory of:



Principles for  
Responsible  
Investment



GREENHOUSE  
GAS PROTOCOL



DISCLOSURE INSIGHT ACTION



**SUSTAINABLE  
DEVELOPMENT GOALS**

ISSB

*Investing in clean hydrogen  
for a climate-positive impact*

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# Contents

- **Q2 2024 results**
- Portfolio update

## Q2 2024 highlights

**£133m**  
NAV

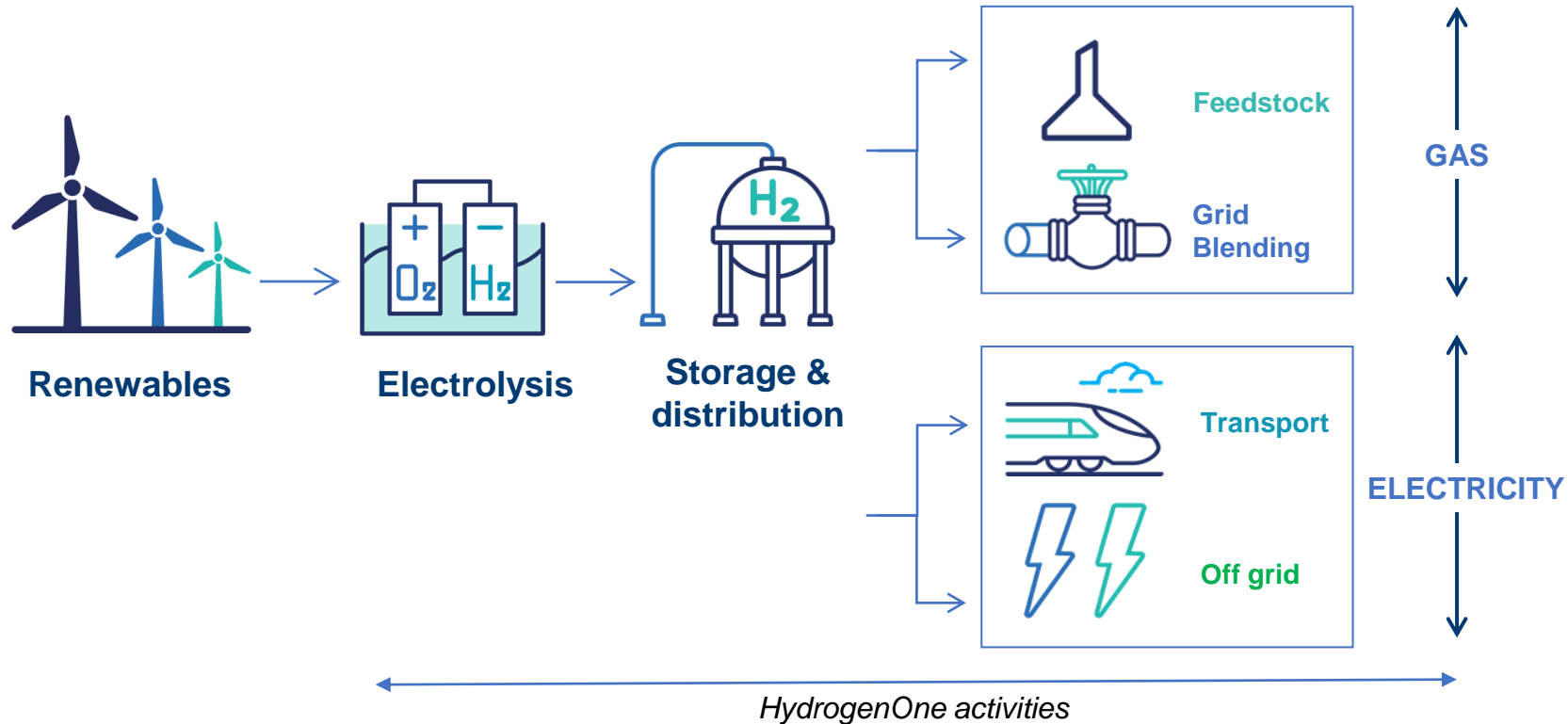
**104p**  
NAV per share

**+44%**  
Portfolio YoY  
LTM revenue  
increase

**£1.2m**  
New  
investment

- Net Asset Value (“NAV”) per share of the Company of 103.60 pence; in line with 31 March 2024 (103.56 pence), and an increase of 2.9% since 30 June 2023. Private portfolio companies, delivering an aggregate £76 million in total revenue in the 12 months to 30 June 2024, an increase of 44% compared to 30 June 2023;
- Portfolio companies continue to attract fresh capital from strategic investors, >£140m investment completed, underscoring the attractiveness of clean hydrogen and the Company’s growth strategy within the sector;
- Elcogen, received a major investment from Baker Hughes marking the close of a €140 million funding round, underpinning the construction of a new solid oxide plant in Estonia;
- HiiROC, a global technology leader in patented Thermal Plasma Electrolysis (TPE), received a strategic investment to accelerate its expansion into the US, with the carrying value increasing by 13%;
- HH2E completed a corporate consolidation, ahead of an expected external funding round, and adding a new green hydrogen project Lubmin, in Germany to the Company’s portfolio by combination with its holding in HH2E;
- Strohm, a leading company in low carbon pipelines, completed a €30 million funding round, led by new and existing investors; and
- Cash position of £1.7m as at 30 June 2024, and £0.3m of listed hydrogen companies.

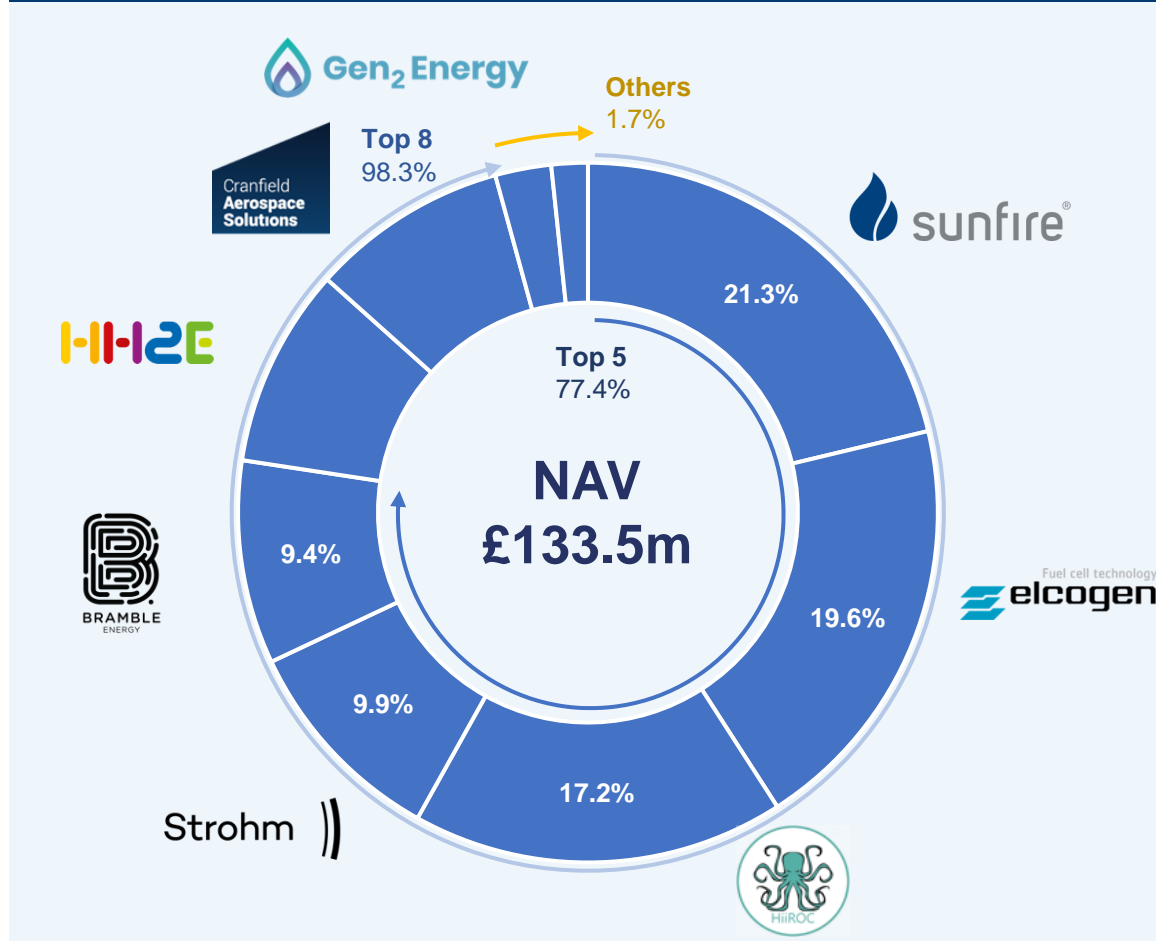
# How our portfolio contributes to clean hydrogen



- Conversion of renewables to hydrogen
- Multiple hydrogen applications to replace fossil fuels
- 20 billion tonnes/yr GHG reduction potential

# HydrogenOne has a unique and concentrated portfolio, invested across the hydrogen value chain

## Access to a distinctive portfolio of private hydrogen businesses



## Where we invest

- Revenue-generating equipment businesses
- Hydrogen production projects
- Co-investing with industrial strategics and institutions
- Diversified by hydrogen theme and geography
- Clear strategies to exit via IPO or trade sale

NAV at 30 June 2024

# Q2 2024 financial highlights

	30 Jun 2024	31 Mar 2024	% change <sup>1,2</sup>	30 Jun 2023	% change <sup>2,3</sup>
NAV per share	103.60p	103.56p	-	100.70p	2.9%
NAV	£133.5m	£133.4m	-	£129.7m	2.9%
Market Cap	£68.9m	£58.4m	18.0%	£82.1m	(16.0)%
Share price premium / (discount) to NAV <sup>2</sup>	(48.4)%	(56.2)%	14.0%	(36.7)%	(31.6)%
Portfolio valuation	£132.0m	£129.7m	1.7%	£120.5m	9.5%
Portfolio fair value gain on cost	£22.0m	£21.1m	4.2%	£11.6m	89.7%
Cash and cash equivalents	£1.7m	£4.1m	(58.5)%	£8.9m	(80.9)%
Other net assets	£(0.2m)	£(0.4m)	50.0%	£0.2m	(200)%

As at 30 June 2024 (unaudited)

<sup>1</sup>Total returns for three months to 30 June 2024

<sup>2</sup>These are alternative performance measures

<sup>3</sup>Total returns for twelve months to 30 June 2024

- NAV per share 103.60p
  - +2.9% Q2 23 – Q2 24
  - Broadly similar Q1 24 – Q2 24
- £1.2m follow-on investment in portfolio companies
- Cash and cash equivalents of £1.7m, and £0.3m of listed hydrogen companies at the end of the quarter

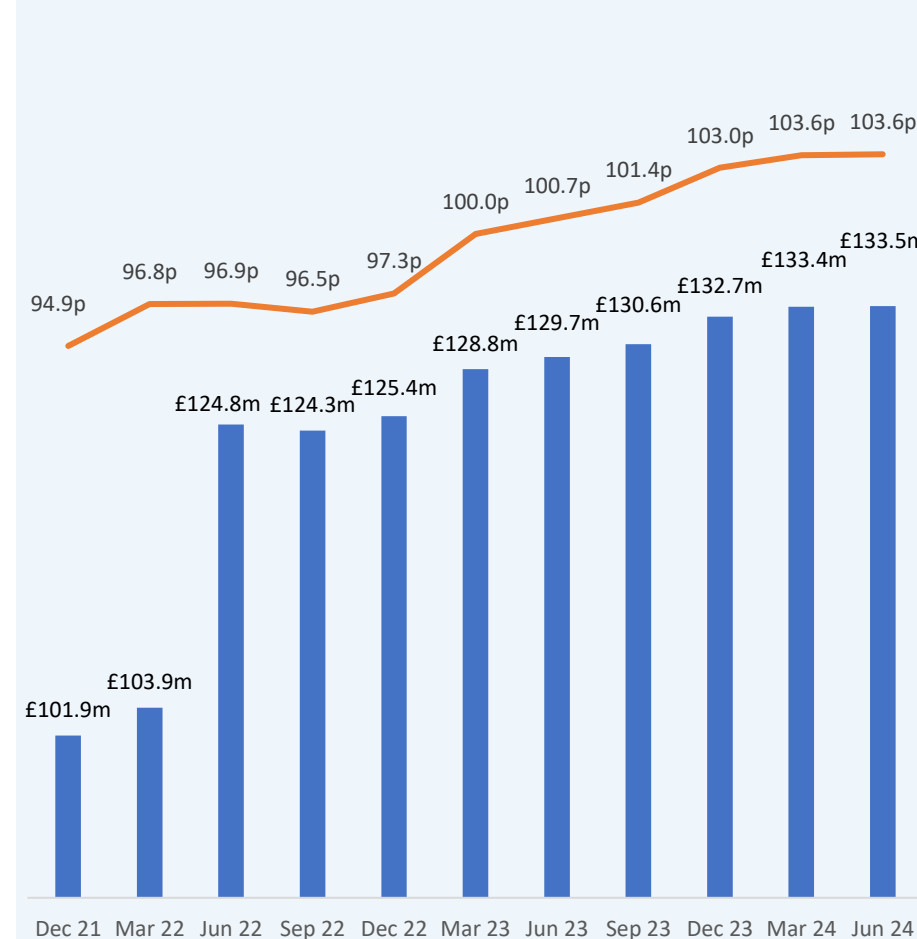
# Growing our NAV and NAV/share in Q2 2024

NAV movements Q1 2024 – Q2 2024 (pence per share)



- Growth in portfolio companies, offset by FX loss and fund costs

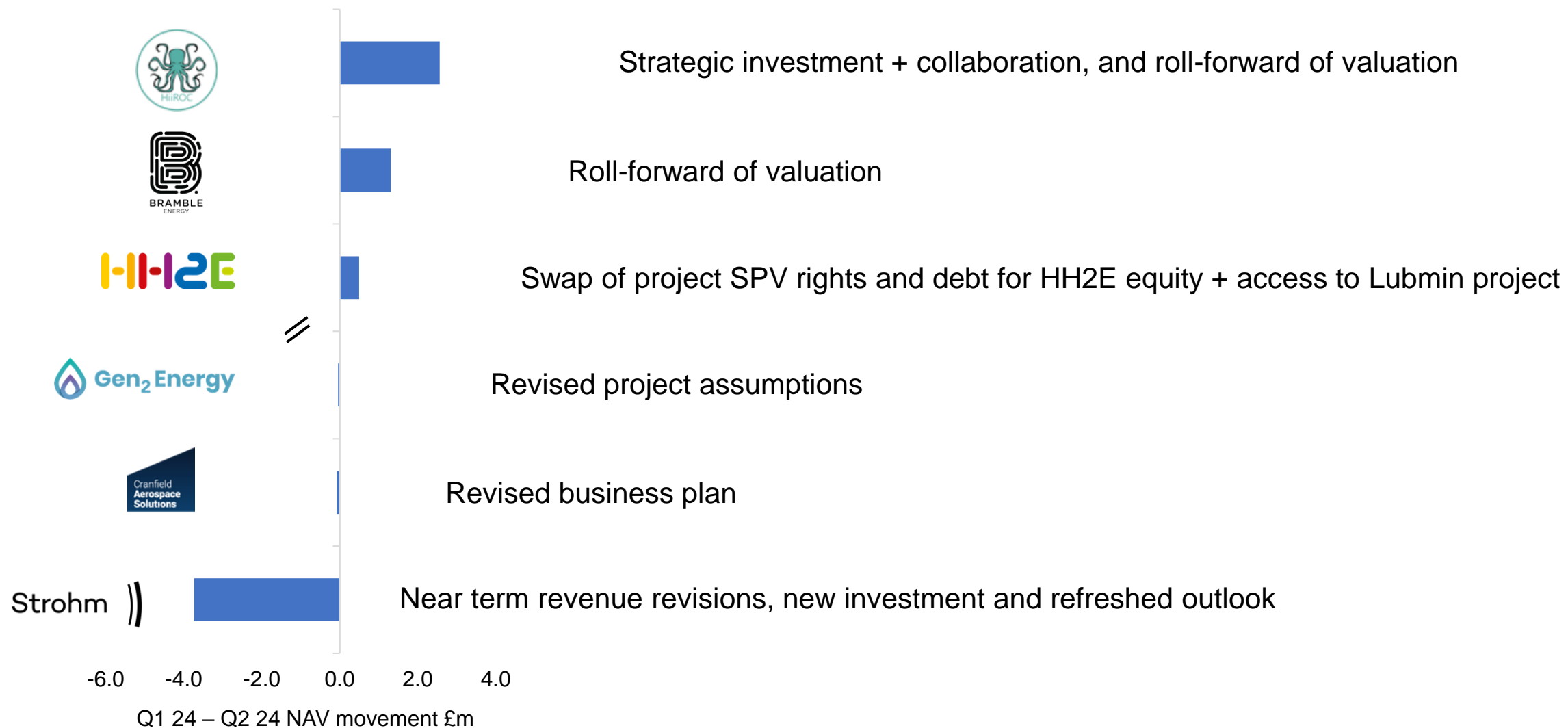
NAV (£m) and NAV pence per share, 2021-24



- Steady progression in NAV/share



# NAV movements Q1 2024 - Q2 2024

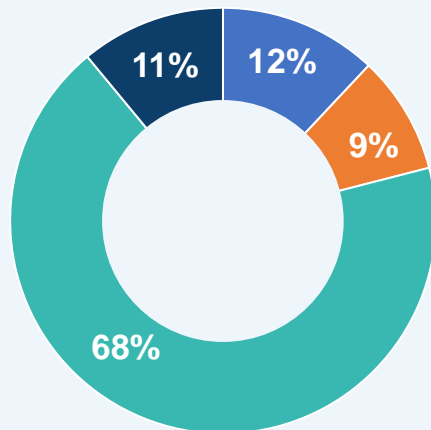


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- Q2 2024 results
- **Portfolio update**

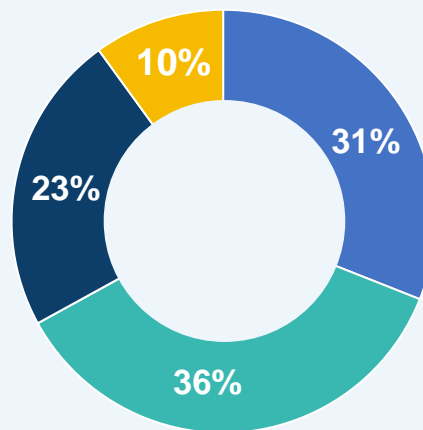
# Distinctive and unique hydrogen portfolio

Portfolio segmentation  
by theme



- Hydrogen production
- Hydrogen applications
- Supply chain
- Storage and distribution

Portfolio segmentation  
by geography



- Germany
- UK
- Scandinavia
- Netherlands

## Fund holdings (as of 30 June 24)

Private portfolio	NAV £m	NAV %
Sunfire GmbH	28	21%
Elcogen Plc	26	20%
HiiROC Ltd	23	17%
Strohm Holding B.V.	13	10%
Bramble Energy Limited	13	9%
HH2E AG	12	9%
Cranfield Aerospace Solutions	12	9%
Gen2 Energy	3	3%
<b>Private portfolio</b>	<b>131</b>	<b>98%</b>
<b>Listed portfolio</b>	<b>&lt;1</b>	<b>&lt;1%</b>

<b>Total investments</b>	<b>132</b>	<b>99%</b>
Cash and cash equivalents	2	1%
Other assets/(liabilities)	(<1)	(<1)%
<b>Net Asset Value</b>	<b>133</b>	<b>100%</b>

# Investing alongside blue-chip industrials and funds


## Invested companies

**Hydrogen production**

 **Gen<sub>2</sub> Energy**



**Storage & distribution**

 **Strohm**

**Supply chain**


 **sunfire**



 **BRAMBLE ENERGY**

 **elcogen** Fuel cell technology

**Hydrogen applications**

 **Cranfield Aerospace Solutions**

## Co-investors

 **Vitol**  **HÖEGH LNG**  **Knutsen Group**  **HYCAP**  **RACON CAPITAL PARTNERS**

 **Foresight**  
FOR A SMARTER FUTURE

   **EVONIK** Leading Beyond Chemistry  **SENCO HYDROGEN CAPITAL**

 **PlanetFirst PARTNERS**  **lightrock**  **NESTE**  **CIP** Copenhagen Infrastructure Partners  **CARBONDIRECT**  **amazon**

 **Melrose**  **HYUNDAI**  **centrica**  **KIA**

 **ipgroup**  **BGF**  **Parkwalk** Investing in Innovation

 **VNT MANAGEMENT**  **BIOFUEL OÜ**  **HD HYUNDAI**  **Baker Hughes**

 **SAFRAN**  **SDF** صندوق تنمية القطاعات الاستراتيجية  **motus ventures**

# £140m investment in portfolio companies completed Q2 24

## Apr 2024

- Elcogen announces a strategic investment by Baker Hughes, part of an overall funding package totaling €140 million
- HiiROC completes a new strategic investment to accelerate its expansion into the US

## May 2024

- HH2E completes its corporate consolidation by the exchange of interests in five SPVs including Thierbach, and interests in a new SPV, Lubmin, for equity in HH2E
- Elcogen announces the go-ahead for the construction of new production facility in Tallinn ('Elco-1') to expand manufacturing capacity to 360 MW

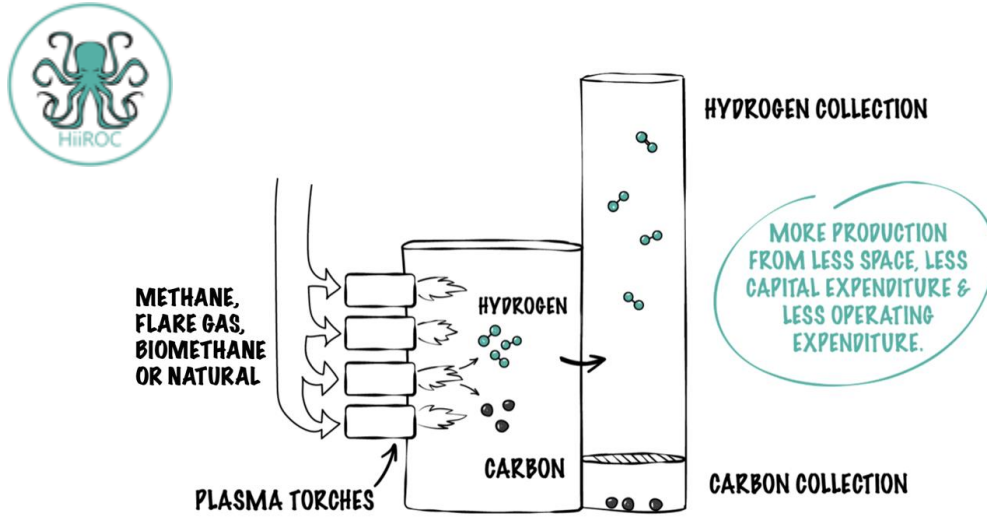
## Jun 2024

- Strohm completes new €30 million capital raise and launches new product for CCS applications
- Sunfire secures a term loan of up to EUR 100 million provided by the European Investment Bank to scale the development and industrialization of its innovative SOEC electrolyzers



# HiiROC: Strategic investment to accelerate US expansion (17.2% HGEN NAV)

## Thermal Plasma Electrolysis (TPE) production process



## Recent developments

- Completed new strategic investment to accelerate expansion into the US
- Continued to operate its demonstration and test unit in Lincolnshire, UK, which has been run on methane, natural gas, biomethane and flare gas compositions

## HiiROC TPE pilot units at Centrica Brigg site, UK



13% (£2.6m) increase in NAV 31 March - 30 June 2024



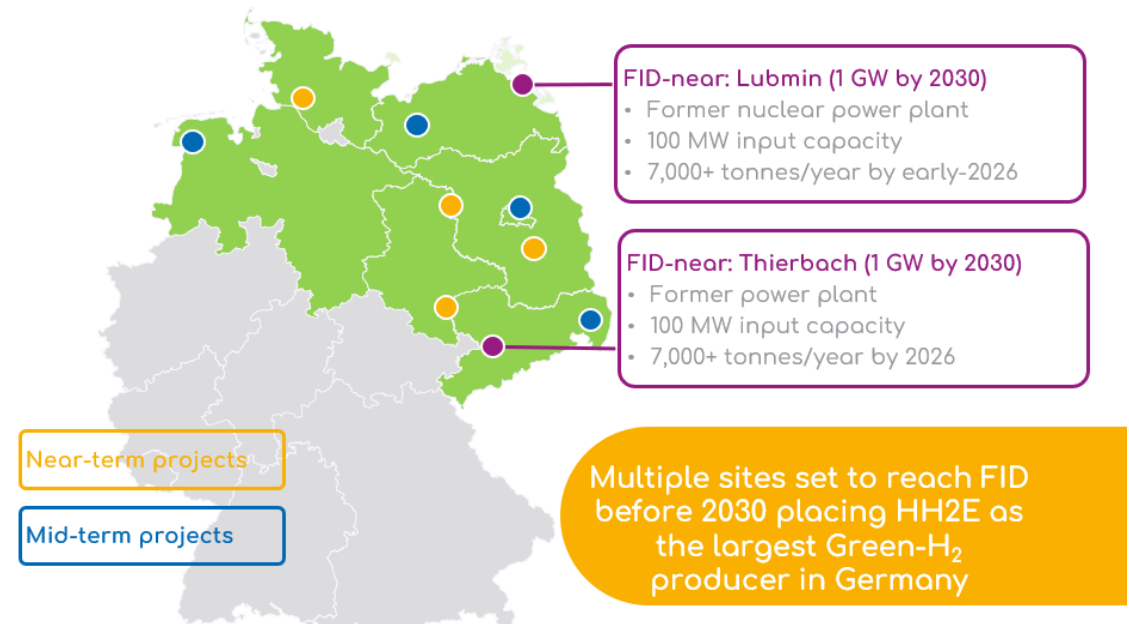
# HH2E: new corporate structure and access to Lubmin project (9.2% HGEN NAV)

## Lubmin development



- Agreed long-term partnership with BORSIG ZM for compressor units capable of handling a 200 MW electrolysis plant - ahead of Lubmin FID

## HH2E Germany; 4GW 2030E



**Completed its corporate consolidation by the exchange of interests in five SPVs including Thierbach, and interests in a new SPV, Lubmin, for equity in HH2E**

# Elcogen: €140 million funding completed (19.6% HGEN NAV)

Development of a new 360 MW production facility. Tallinn



- Site works commenced on new production facility in Tallinn ('Elco-1') to expand manufacturing capacity to 360 MW
- 10-year electricity sales agreement with Enelit Green. Direct power connection line will be constructed between the Iru power plant and Elco-1 facility

Cornerstone: Elco-1

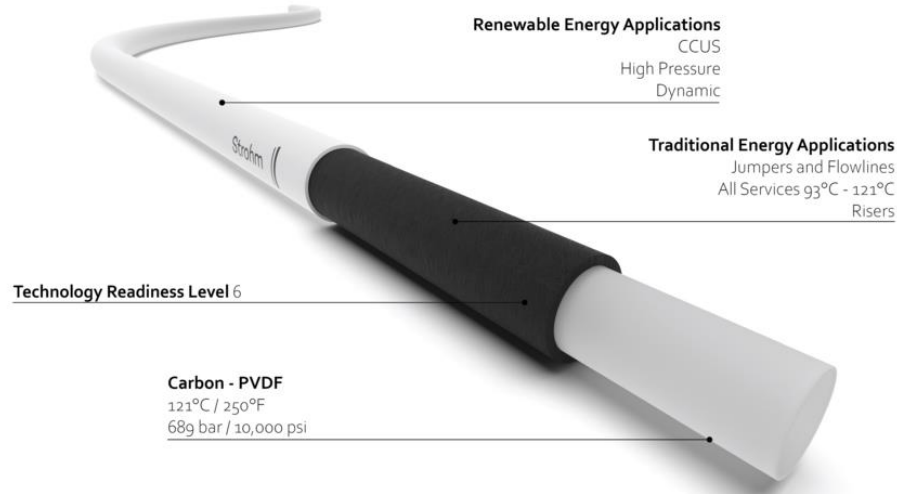


**Strategic investors HD Hyundai Group (2023) and Baker Hughes (2024) - part of an overall funding package totaling €140 million**



# Strohm: €30 million funding completed (9.9% HGEN NAV)

## Strohm's new TCP product for CCS applications



- New thermoplastic composite pipe (“TCP”) product is based on carbon fibre and polyvinylidene fluoride to be used in CCS applications
- Won third and largest TCP contract from ExxonMobil - TCP allows clients to significantly reduce the CO<sub>2</sub> footprint of their pipeline infrastructure
- New TCP contract with TotalEnergies, unlocks ultra-deep water and CO<sub>2</sub> market for Strohm

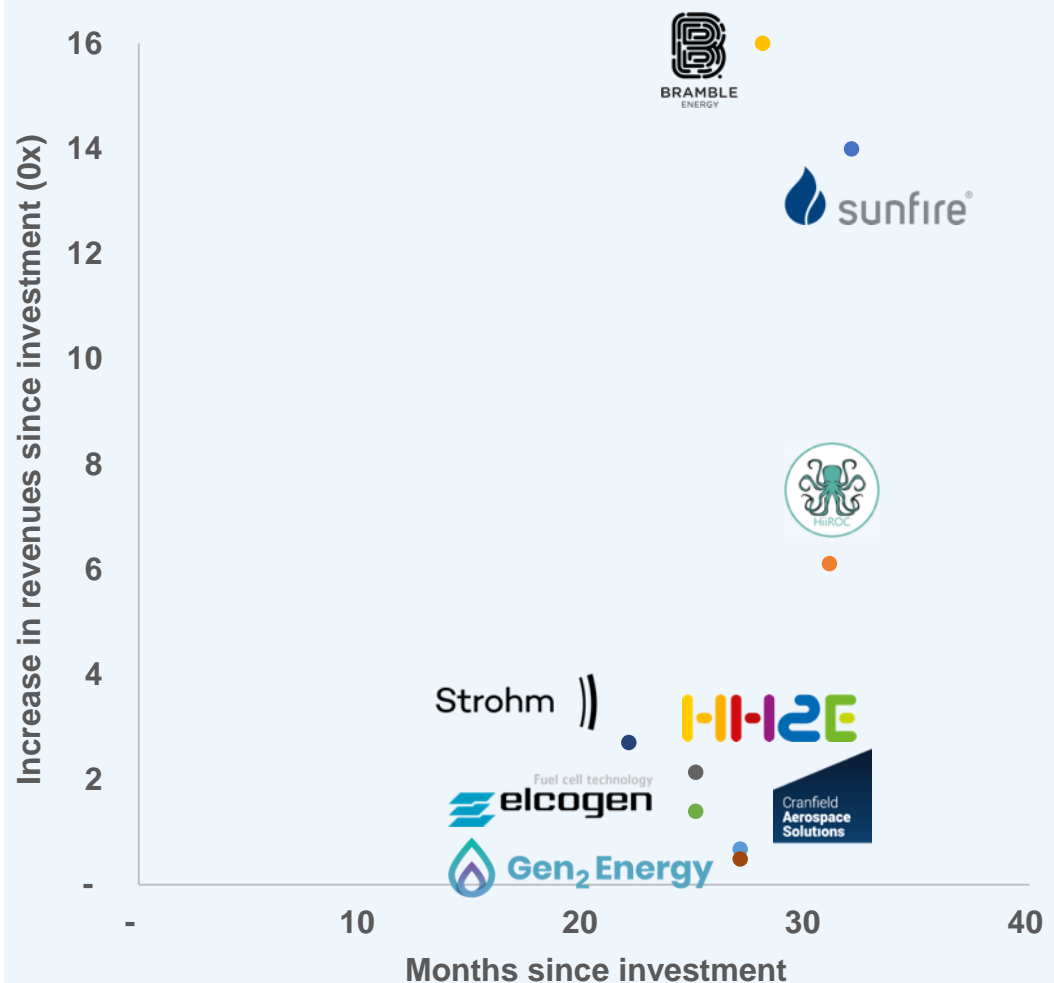
## Strohm – funding round underpins growth



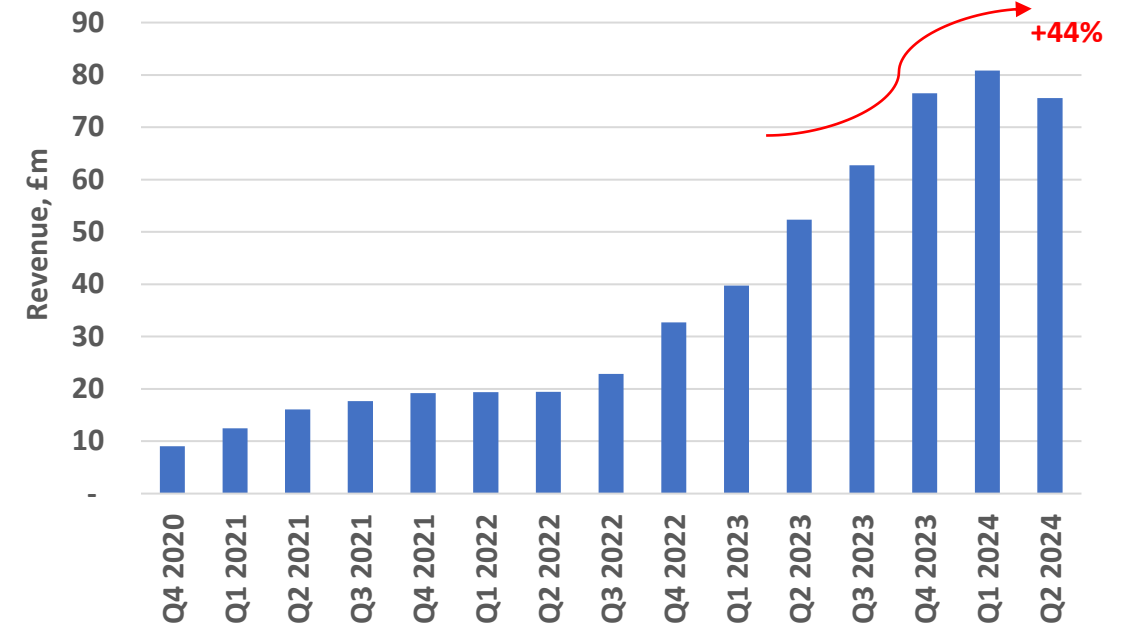
Completed a €30 million funding round

# The portfolio is revenue generating and has produced consistent growth

## Growth in private portfolio revenues since investment



## Private portfolio revenue (100% basis), £m - Trailing 12 months



- The aggregate revenue from private investments c. £76m for 12 months to 30 June 2024, an increase of 44% compared to the 12 months to 30 June 2023
- Revenue growth reflects the build out of capacity to meet strong order books for hydrogen supply chain equipment

## Identifying the best investment opportunities

Specialist team

Active  
stewardship

Grow EBITDA  
and exit

Strong pipeline



Revenue-  
generating  
equipment  
suppliers

Distinctive  
project  
developers

Avoided GHG  
potential

10-15% target  
return including  
exits<sup>1</sup>

## Clear strategy to grow NAV

(1) For an investor in HGEN at IPO, 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, 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.

## Q2 2024 highlights

- Net Asset Value ("NAV") per share of the Company 103.60 pence; in line with 31 March 2024, and up 2.9% since 30 June 2023
- Private portfolio companies delivering an aggregate £76m total revenue LTM, +44%
- New investment in portfolio companies >£140m
- Positive portfolio news flow from multiple private positions - HiiROC, HH2E, Elcogen, Strohm
- Investments in the quarter totalling £1.2m
- Cash and cash equivalents of £1.7m, and £0.3m of listed hydrogen companies at the end of the quarter

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# Fund holdings

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