

MVIS Global Hydrogen Economy Index

The index tracks the performance of the largest and most liquid companies in the hydrogen economy. It contains companies which are engaged primarily in hydrogen production and fuel cells, and in the respective infrastructure.

Key Features



All Time High/Low **52-Week High/Low**

Total Return Net Index 1,568.36/886.45 -/-

Size and Liquidity Requirements

Full MCap of at least 150 mln USD. Three month average-daily-trading volume of at least 1 mln USD at a review and also at the previous two reviews. At least 250,000 shares traded per month over the last six months at a review and also at the previous two reviews.

Pure-Play

Companies have to generate at least 50% revenues from the hydrogen economy (exceptions possible).

Diversification

Company weightings are capped at 10%.

Review

Quarterly.

Index Data

INDEX PARAMETERS

Launch Date	22 Dec 2020	Components	25
Type	Sector	Volatility (1 year)	36.46
Currency	USD	Full MCap bn USD	367.53
Base Date	15 Dec 2020	Float MCap bn USD	298.78
Base Value	1,000.00	Correlation* (1 year)	0.83

* S&P Global Clean Energy

FUNDAMENTALS*

Price/Earnings Trailing	-55.76
Price/Book	3.37
Price/Sales	2.80
Price/Cash Flow	9.82
Dividend Yield	0.71

* as of 31 Jul 2021

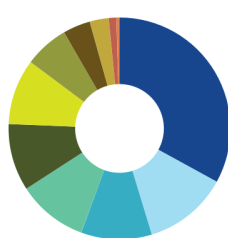
ANNUALISED PERFORMANCE*

1 Month	-0.57%
1 Year	-
3 Years	-
5 Years	-
Since Inception	-8.42%

* Total Return Net Index

Country and Size Weightings

Country	Count	Weight
United States	6	32.99%
United Kingdom	4	12.31%
Canada	3	10.31%
France	2	10.25%
Ireland	1	9.79%
Japan	1	9.55%
Norway	3	6.46%
South Korea	1	4.02%
Sweden	2	2.74%
Germany	1	1.13%
Israel	1	0.44%



■ US
■ GB
■ CA
■ FR
■ IE
■ JP
■ NO
■ KR
■ SE
■ DE
■ IL



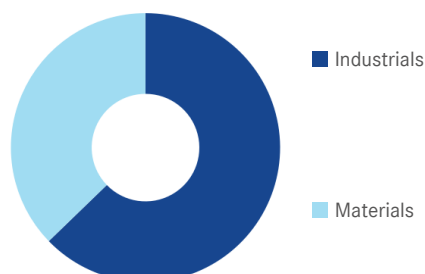
■ Large-Cap
■ Mid-Cap
■ Small-Cap
■ Micro-Cap

Size	Count	Weight
Large-Cap (> 6 bn)	5	45.96%
Mid-Cap (1.5 bn - 6 bn)	8	44.74%
Small-Cap (0.2 bn - 1.5 bn)	11	9.12%
Micro-Cap (0.0 bn - 0.2 bn)	1	0.18%

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Sector Weightings

Sector	Count	Weight
Industrials	20	62.77%
Materials	5	37.23%



Index Components

Top Components by Weight	Country	Weight	Best Performing Components	YTD	1 Day
LINDE PLC	IE	9.79%	MCPHY ENERGY SA	-51.71%	4.74%
MITSUBISHI CHEMICAL HOLDINGS	JP	9.55%	DOOSAN FUEL CELL CO LTD	-7.77%	2.72%
AIR LIQUIDE SA	FR	9.35%	MITSUBISHI CHEMICAL HOLDINGS	45.72%	2.39%
BALLARD POWER SYSTEMS INC	CA	9.19%	SFC ENERGY AG	68.79%	2.31%
PLUG POWER INC	US	9.08%	AIR LIQUIDE SA	11.44%	1.05%
AIR PRODUCTS & CHEMICALS INC	US	8.19%			
ITM POWER PLC	GB	6.11%			
NEL ASA	NO	5.65%	Worst Performing Components	YTD	1 Day
BLOOM ENERGY CORP	US	5.60%	GENCELL LTD	-29.70%	-6.50%
NIKOLA CORP	US	5.24%	ADVENT TECHNOLOGIES HOLDINGS INC	-49.97%	-3.98%
CERES POWER HOLDINGS PLC	GB	4.51%	DYNACERT INC COM	-52.83%	-3.20%
FUELCELL ENERGY INC.	US	4.42%	XEBEC ADSORPTION INC	-63.57%	-2.39%
Subtotal		86.68%	PLUG POWER INC	-22.94%	-1.77%

Symbols

	Symbol	ISIN	WKN	Sedol	Bloomberg	Reuters	Telekurs
Price Index	MVHTWO	DE000SLOCAD4	SLOCAD	BN6HRB5	MVHTWO	.MVHTWO	58966335
Total Return Net	MVHTWOTR	DE000SLOCAE2	SLOCAE	BN6HRC6	MVHTWOTR	.MVHTWOTR	58966341
Total Return Gross	-	-	-	-	-	-	-

For further information visit www.mvis-indices.com

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