

## MVIS® Global Hydrogen Economy ESG Index

The MVIS® Global Hydrogen Economy ESG Index (MVHTWO) tracks the performance of the largest and most liquid companies in the global hydrogen industry. This is a modified market cap-weighted index, and only includes companies that generate at least 50% of their revenue from hydrogen or hydrogen-related projects, fuel cells, or the industrial gases projects. MVHTWO covers at least 90% of the investable universe.

### Key Features



Index 1,568.36/311.42 581.55/311.42

#### 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
Type	Sector
Currency	USD
Base Date	15 Dec 2020
Base Value	1,000.00

Components	23
Volatility (250 days)	30.43
Full MCap bn USD	288.22
Float MCap bn USD	218.80
Correlation* (250 days)	0.76

\* S&P Global Clean Energy

#### FUNDAMENTALS\*

Price/Earnings Trailing	-3.73
Price/Book	1.58
Price/Sales	1.98
Price/Cash Flow	11.28
Dividend Yield	0.60

\* as of 30 Apr 2024

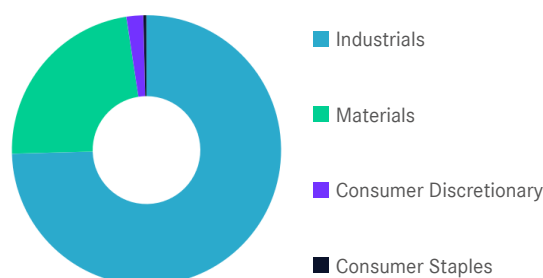
#### ANNUALISED PERFORMANCE\*

1 Month	11.66%
1 Year	-26.62%
3 Years	-27.27%
5 Years	-
7 Years	-25.97%

\* Total Return Net Index

### Sector Weightings

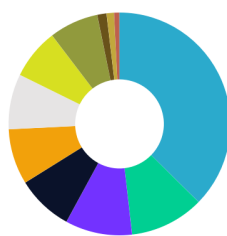
Sector	Count	Weight
Industrials	18	74.58%
Materials	3	23.02%
Consumer Discretionary	1	2.02%
Consumer Staples	1	0.38%



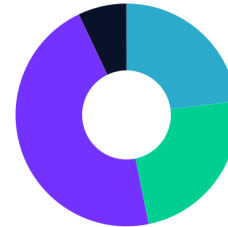
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## Country and Size Weightings

Country	Count	Weight
United States	5	37.36%
Norway	2	10.83%
South Korea	5	9.75%
Canada	1	8.23%
United Kingdom	3	8.08%
Germany	2	8.02%
Ireland	1	7.35%
Japan	1	7.15%
Sweden	1	1.36%
Denmark	1	1.09%
China	1	0.78%



US  
NO  
KR  
CA  
GB  
DE  
IE  
JP  
SE  
DK  
CN



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

Size	Count	Weight
Large-Cap ( > 6 bn)	3	23.02%
Mid-Cap (1.5 bn - 6 bn)	3	23.78%
Small-Cap (0.2 bn - 1.5 bn)	9	46.12%
Micro-Cap (0.0 bn - 0.2 bn)	8	7.07%

## Index Components

Top Components by Weight	Country	Weight	Best Performing Components	YTD	1 Day
BLOOM ENERGY CORP	US	12.73%	SFC ENERGY AG	24.84%	8.14%
NEL ASA	NO	9.81%	SINOSYNERGY ORD H	-9.97%	2.80%
AIR PRODUCTS & CHEMICALS INC	US	8.52%	AIR PRODUCTS & CHEMICALS INC	-3.35%	2.20%
BALLARD POWER SYSTEMS INC	CA	8.23%	ITM POWER PLC	-5.67%	1.96%
PLUG POWER INC	US	7.96%	BLOOM ENERGY CORP	-16.69%	0.82%
NIKOLA CORP	US	7.50%			
LINDE PLC	IE	7.35%			
MITSUBISHI CHEMICAL GROUP	JP	7.15%			
DOOSAN FUEL CELL CO LTD	KR	6.20%			
SFC ENERGY AG	DE	4.93%			
ITM POWER PLC	GB	3.30%			
THYSSENKRUPP NUCERA ORD	DE	3.09%			
<b>Subtotal</b>		86.77%			

Worst Performing Components	YTD	1 Day
BUMHAN FUEL CELL CO LTD	-7.86%	-5.63%
PLUG POWER INC	-27.78%	-5.25%
POWERCELL SWEDEN AB	-39.63%	-4.11%
ILJIN HYSOLUS CO LTD	-14.15%	-2.97%
S-FUELCELL CO LTD	-18.66%	-2.86%

## Symbols

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

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