

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



	All Time High/Low	52-Week High/Low
Total Return Net 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

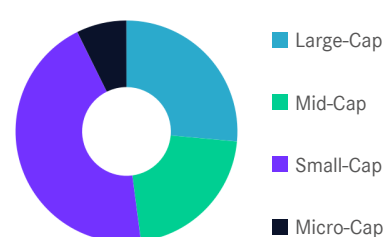
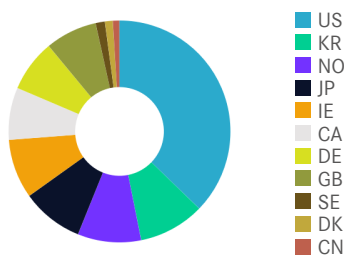
Quarterly.

Index Data

INDEX PARAMETERS				FUNDAMENTALS*		ANNUALISED PERFORMANCE*	
Launch Date	22 Dec 2020	Components	23	Price/Earnings Trailing	-3.71	1 Month	-10.24%
Type	Sector	Volatility (250 days)	30.02	Price/Book	1.58	1 Year	-37.84%
Currency	USD	Full MCap bn USD	286.04	Price/Sales	1.98	3 Years	-33.91%
Base Date	15 Dec 2020	Float MCap bn USD	217.02	Price/Cash Flow	11.28	5 Years	-
Base Value	1,000.00	Correlation* (250 days)	0.75	Dividend Yield	0.60	7 Years	-29.34%
* S&P Global Clean Energy				* as of 31 Mar 2024		* Total Return Net Index	

Country and Size Weightings

Country	Count	Weight
United States	5	37.24%
South Korea	5	9.63%
Norway	2	9.24%
Japan	1	9.02%
Ireland	1	8.67%
Canada	1	7.60%
Germany	2	7.60%
United Kingdom	3	7.54%
Sweden	1	1.35%
Denmark	1	1.14%
China	1	0.96%

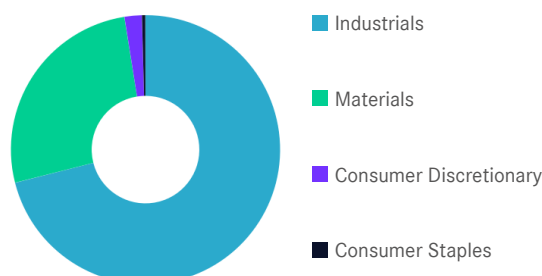


Size	Count	Weight
Large-Cap (> 6 bn)	3	26.44%
Mid-Cap (1.5 bn - 6 bn)	3	21.47%
Small-Cap (0.2 bn - 1.5 bn)	9	44.77%
Micro-Cap (0.0 bn - 0.2 bn)	8	7.32%

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Sector Weightings

Sector	Count	Weight
Industrials	18	71.05%
Materials	3	26.44%
Consumer Discretionary	1	2.09%
Consumer Staples	1	0.42%



Index Components

Top Components by Weight	Country	Weight	Best Performing Components	YTD	1 Day
BLOOM ENERGY CORP	US	11.33%	HEXAGON PURUS ASA	-58.13%	1.45%
NIKOLA CORP	US	9.66%	AFC ENERGY PLC	-13.11%	0.90%
MITSUBISHI CHEMICAL GROUP	JP	9.02%	NEL ASA	-38.79%	0.44%
AIR PRODUCTS & CHEMICALS INC	US	8.75%	AIR PRODUCTS & CHEMICALS INC	-13.51%	0.17%
LINDE PLC	IE	8.67%	SINOSYNERGY ORD H	-3.09%	-0.06%
NEL ASA	NO	8.41%			
BALLARD POWER SYSTEMS INC	CA	7.60%			
PLUG POWER INC	US	6.70%			
DOOSAN FUEL CELL CO LTD	KR	5.93%			
SFC ENERGY AG	DE	4.15%			
THYSSENKRUPP NUCERA ORD	DE	3.45%			
ITM POWER PLC	GB	3.31%			
Subtotal		86.97%			
			Worst Performing Components	YTD	1 Day
			POWERCELL SWEDEN AB	-47.55%	-4.59%
			CERES POWER HOLDINGS PLC	-25.39%	-3.43%
			DOOSAN FUEL CELL CO LTD	-27.25%	-3.37%
			NIKOLA CORP	-31.41%	-3.23%
			BUMHAN FUEL CELL CO LTD	-17.02%	-3.12%

Symbols

	Symbol	ISIN	WKN	Sedol	Bloomberg	Reuters	Telekurs
Price Index	MVHTWO	DE000SL0CAD4	SL0CAD	BN6HRB5	MVHTWO	.MVHTWO	58966335
Total Return Net	MVHTWOTR	DE000SL0CAE2	SL0CAE	BN6HRC6	MVHTWOTR	.MVHTWOTR	58966341
Total Return Gross	-	-	-	-	-	-	-

For further information visit www.marketvector.com

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