

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	1,568.36/332.36	581.55/332.36

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

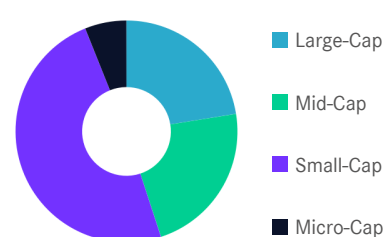
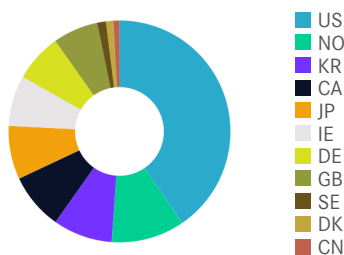
Quarterly.

Index Data

INDEX PARAMETERS				FUNDAMENTALS*		ANNUALISED PERFORMANCE*	
Launch Date	22 Dec 2020	Components	23	Price/Earnings Trailing	-3.71	1 Month	6.58%
Type	Sector	Volatility (250 days)	29.16	Price/Book	1.58	1 Year	-27.21%
Currency	USD	Full MCap bn USD	297.19	Price/Sales	1.98	3 Years	-30.06%
Base Date	15 Dec 2020	Float MCap bn USD	225.34	Price/Cash Flow	11.28	5 Years	-
Base Value	1,000.00	Correlation* (250 days)	0.76	Dividend Yield	0.60	7 Years	-25.36%
* S&P Global Clean Energy				* as of 31 Mar 2024		* Total Return Net Index	

Country and Size Weightings

Country	Count	Weight
United States	5	40.48%
Norway	2	10.65%
South Korea	5	8.66%
Canada	1	8.24%
Japan	1	7.79%
Ireland	1	7.34%
Germany	2	7.02%
United Kingdom	3	6.56%
Sweden	1	1.32%
Denmark	1	1.04%
China	1	0.89%

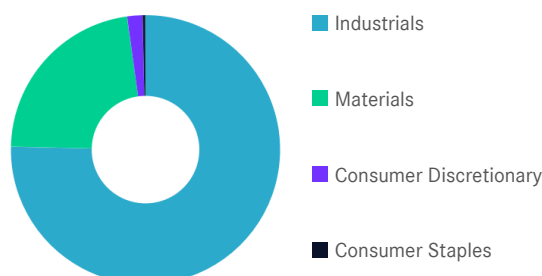


Size	Count	Weight
Large-Cap (> 6 bn)	3	22.46%
Mid-Cap (1.5 bn - 6 bn)	3	22.52%
Small-Cap (0.2 bn - 1.5 bn)	10	48.95%
Micro-Cap (0.0 bn - 0.2 bn)	7	6.07%

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Sector Weightings

Sector	Count	Weight
Industrials	18	75.35%
Materials	3	22.46%
Consumer Discretionary	1	1.84%
Consumer Staples	1	0.35%



Index Components

Top Components by Weight	Country	Weight	Best Performing Components	YTD	1 Day
NIKOLA CORP	US	13.22%	NEL ASA	-14.10%	14.27%
BLOOM ENERGY CORP	US	11.57%	PLUG POWER INC	-27.78%	4.17%
NEL ASA	NO	9.69%	SINOSYNERGY ORD H	9.44%	4.10%
BALLARD POWER SYSTEMS INC	CA	8.24%	BALLARD POWER SYSTEMS INC	-12.28%	3.91%
MITSUBISHI CHEMICAL GROUP	JP	7.79%	AFC ENERGY PLC	-7.17%	2.69%
PLUG POWER INC	US	7.51%			
LINDE PLC	IE	7.34%			
AIR PRODUCTS & CHEMICALS INC	US	7.33%			
DOOSAN FUEL CELL CO LTD	KR	5.41%			
SFC ENERGY AG	DE	3.58%			
THYSSENKRUPP NUCERA ORD	DE	3.43%			
ITM POWER PLC	GB	2.98%			
Subtotal		88.11%			
			Worst Performing Components	YTD	1 Day
			GREEN HYDROGEN SYSTEMS A/S	44.66%	-5.24%
			ITM POWER PLC	-9.69%	-4.13%
			HYZON MOTORS INC	-15.75%	-1.44%
			NIKOLA CORP	14.31%	-0.99%
			PUNGKUK ALCOHOL IND CO LTD	-8.90%	-0.87%

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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