

BlueStar Hydrogen and NextGen Fuel Cell Index

The index provides pure-play exposure to the global hydrogen and fuel cell segment. 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	296.49/100.00	296.49/111.27

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.

Universe

Companies have to derive 50% or revenue or operating activity from hydrogen energy or fuel cell projects (exceptions possible).

Diversification

Maximum weight of 10%.

Review

Quarterly.

Index Data

INDEX PARAMETERS		FUNDAMENTALS*		ANNUALISED PERFORMANCE*	
Launch Date	09 Mar 2021	Components	25	Price/Earnings Trailing	-0.16
Type	Sector	Volatility (1 year)	45.25	Price/Book	4.37
Currency	USD	Full MCap bn USD	0.17	Price/Sales	12.76
Base Date	19 Jun 2020	Float MCap bn USD	0.17	Price/Cash Flow	45.79
Base Value	100.00	Correlation* (1 year)	0.83	Dividend Yield	0.07
				1 Month	-1.10%
				1 Year	36.49%
				3 Years	-
				5 Years	-
				Since Inception	55.08%

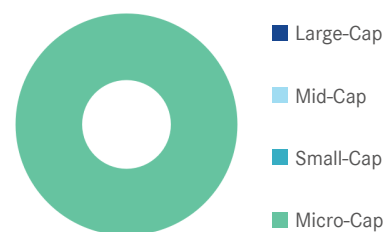
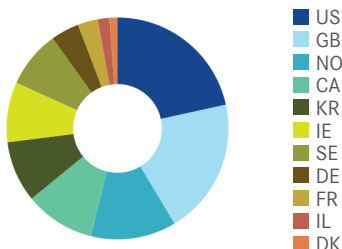
* S&P Global Clean Energy

* as of 31 Jul 2021

* Total Return Net Index

Country and Size Weightings

Country	Count	Weight
United States	4	21.58%
United Kingdom	5	19.83%
Norway	3	12.47%
Canada	3	10.20%
South Korea	2	8.94%
Ireland	2	8.73%
Sweden	2	8.33%
Germany	1	4.15%
France	1	2.90%
Israel	1	1.72%
Denmark	1	1.15%

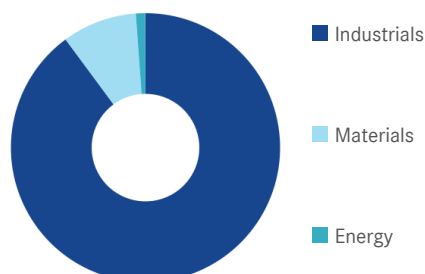


Size	Count	Weight
Large-Cap (> 6 bn)	0	0.00%
Mid-Cap (1.5 bn - 6 bn)	0	0.00%
Small-Cap (0.2 bn - 1.5 bn)	0	0.00%
Micro-Cap (0.0 bn - 0.2 bn)	25	100.00%

BlueStar Hydrogen and NextGen Fuel Cell Index

Sector Weightings

Sector	Count	Weight
Industrials	22	89.88%
Materials	2	8.96%
Energy	1	1.15%



Index Components

Top Components by Weight	Country	Weight	Best Performing Components	YTD	1 Day
PLUG POWER INC	US	9.26%	EVERFUEL A/S	-56.82%	6.62%
ITM POWER PLC	GB	7.11%	MCPHY ENERGY SA	-51.71%	4.74%
BALLARD POWER SYSTEMS INC	CA	6.77%	DOOSAN FUEL CELL CO LTD	-7.77%	2.72%
CERES POWER HOLDINGS PLC	GB	6.17%	S-FUELCELL CO LTD	-5.78%	2.51%
DOOSAN FUEL CELL CO LTD	KR	5.92%	SFC ENERGY AG	68.79%	2.31%
BLOOM ENERGY CORP	US	5.38%			
NEL ASA	NO	5.12%			
LINDE PLC	IE	5.00%			
POWERCELL SWEDEN AB	SE	4.59%			
AFC ENERGY PLC	GB	4.47%			
SFC ENERGY AG	DE	4.15%			
AKER CLEAN HYDROGEN AS	NO	3.97%			
Subtotal		67.90%			
			Worst Performing Components	YTD	1 Day
			GENCELL LTD	-29.70%	-6.50%
			ADVENT TECHNOLOGIES HOLDINGS INC	-49.97%	-3.98%
			DYNACERT INC COM	-52.83%	-3.20%
			XEBEC ADSORPTION INC	-63.57%	-2.39%
			PLUG POWER INC	-22.94%	-1.77%

Symbols

	Symbol	ISIN	WKN	Sedol	Bloomberg	Reuters	Telekurs
Price Index	BHDRO	DE000SLOCSA2	SLOCSA	BKSCWZ6	BHDRO	.BHDRO	599 18170
Total Return Net	BHDRONTR	DE000SLOCSB0	SLOCSB	BKSCWY5	BHDRONTR	.BHDRONTR	599 18347
Total Return Gross	BHDROTR	DE000SLOCSC8	SLOCSC	BKSCWX4	BHDROTR	.BHDROTR	599 18349

For further information visit www.mvis-indices.com

Nothing on this factsheet shall be considered a solicitation to buy or an offer to sell a security, or any other product or service, to any person in any jurisdiction where such offer, solicitation, purchase or sale would be unlawful under the laws of such jurisdiction. Neither MV Index Solutions GmbH nor any of its licensors makes any warranties or representations, express or implied, to the user with respect to any of the data contained herein. The data is provided for informational purposes only, and the Company shall not be responsible or liable for the accuracy, usefulness or availability of any information transmitted or made available through it. The MVIS® indices are protected through various intellectual property rights and unfair competition and misappropriation laws. In particular, Van Eck Associates Corporation has registered the "MVIS" trademark. You require a licence to launch any product whose performance is linked to the value of a particular MVIS® index and for all use of the MVIS® name or name of the MVIS® index in the marketing of the product. All information shown prior to the index launch date is simulated performance data created from backtesting ("simulated past performance"). Simulated past performance is not actual but hypothetical performance based on the same or fundamentally the same methodology that was in effect when the index was launched. Simulated past performance may materially differ from the actual performance. Actual or simulated past performance is no guarantee for future results.