

## 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 |
|-------------------------------|-------------------|------------------|
| <b>Total Return Net Index</b> | 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

|                    |             |                              |       |
|--------------------|-------------|------------------------------|-------|
| <b>Launch Date</b> | 09 Mar 2021 | <b>Components</b>            | 25    |
| <b>Type</b>        | Sector      | <b>Volatility (1 year)</b>   | 44.69 |
| <b>Currency</b>    | USD         | <b>Full MCap</b> bn USD      | 0.16  |
| <b>Base Date</b>   | 19 Jun 2020 | <b>Float MCap</b> bn USD     | 0.16  |
| <b>Base Value</b>  | 100.00      | <b>Correlation*</b> (1 year) | 0.82  |

\* S&P Global Clean Energy

#### FUNDAMENTALS\*

|                                |       |
|--------------------------------|-------|
| <b>Price/Earnings Trailing</b> | -0.16 |
| <b>Price/Book</b>              | 4.42  |
| <b>Price/Sales</b>             | 13.11 |
| <b>Price/Cash Flow</b>         | 45.79 |
| <b>Dividend Yield</b>          | 0.07  |

\* as of 31 Aug 2021

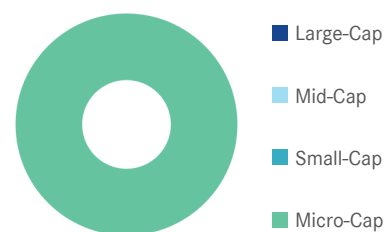
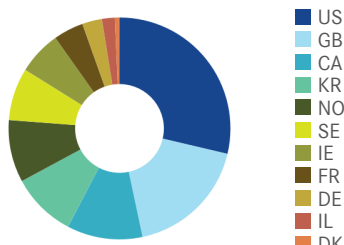
#### ANNUALISED PERFORMANCE\*

|                        |        |
|------------------------|--------|
| <b>1 Month</b>         | -1.10% |
| <b>1 Year</b>          | 26.93% |
| <b>3 Years</b>         | -      |
| <b>5 Years</b>         | -      |
| <b>Since Inception</b> | 42.33% |

\* Total Return Net Index

### Country and Size Weightings

| Country        | Count | Weight |
|----------------|-------|--------|
| United States  | 4     | 28.69% |
| United Kingdom | 5     | 17.98% |
| Canada         | 3     | 11.03% |
| South Korea    | 2     | 9.43%  |
| Norway         | 3     | 9.08%  |
| Sweden         | 2     | 7.65%  |
| Ireland        | 2     | 6.33%  |
| France         | 1     | 4.39%  |
| Germany        | 1     | 2.87%  |
| Israel         | 1     | 1.91%  |
| Denmark        | 1     | 0.64%  |

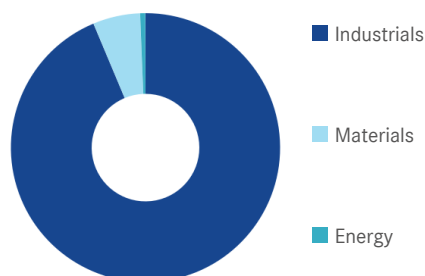


| Size                        | Count | Weight  |
|-----------------------------|-------|---------|
| Large-Cap (> 6 bn)          | 0     | 0.00%   |
| Mid-Cap (1.5 bn - 6 bn)     | 0     | 0.00%   |
| Small-Cap (0.2 bn - 1.5 bn) | 0     | 0.00%   |
| Micro-Cap (0.0 bn - 0.2 bn) | 25    | 100.00% |

## BlueStar Hydrogen and NextGen Fuel Cell Index

### Sector Weightings

| Sector      | Count | Weight |
|-------------|-------|--------|
| Industrials | 22    | 93.69% |
| Materials   | 2     | 5.66%  |
| Energy      | 1     | 0.64%  |



### Index Components

| Top Components by Weight         | Country | Weight        | Best Performing Components         | YTD        | 1 Day        |
|----------------------------------|---------|---------------|------------------------------------|------------|--------------|
| PLUG POWER INC                   | US      | 11.09%        | XEBEC ADSORPTION INC               | -69.23%    | 4.73%        |
| BALLARD POWER SYSTEMS INC        | CA      | 7.50%         | AFC ENERGY PLC                     | -33.25%    | 3.51%        |
| FUELCELL ENERGY INC.             | US      | 6.64%         | PLUG POWER INC                     | -23.09%    | 1.40%        |
| CERES POWER HOLDINGS PLC         | GB      | 6.06%         | LINDE PLC                          | 17.03%     | 0.91%        |
| BLOOM ENERGY CORP                | US      | 6.01%         | BALLARD POWER SYSTEMS INC          | -35.47%    | 0.27%        |
| NEL ASA                          | NO      | 6.01%         |                                    |            |              |
| ITM POWER PLC                    | GB      | 5.65%         |                                    |            |              |
| ADVENT TECHNOLOGIES HOLDINGS INC | US      | 4.95%         | <b>Worst Performing Components</b> | <b>YTD</b> | <b>1 Day</b> |
| S-FUELCELL CO LTD                | KR      | 4.79%         | POWERHOUSE ENERGY GROUP PLC        | -55.39%    | -4.97%       |
| DOOSAN FUEL CELL CO LTD          | KR      | 4.64%         | HEXAGON PURUS ASA                  | -46.00%    | -4.20%       |
| MCPHY ENERGY SA                  | FR      | 4.39%         | EVERFUEL A/S                       | -58.22%    | -3.56%       |
| POWERCELL SWEDEN AB              | SE      | 4.31%         | NEL ASA                            | -57.06%    | -3.40%       |
| <b>Subtotal</b>                  |         | <b>72.05%</b> | ADVENT TECHNOLOGIES HOLDINGS INC   | -44.68%    | -2.82%       |

### Symbols

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

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