

MVIS Global Low Carbon Energy Index

The MVIS Global Low Carbon Energy Index (MVSMOG) tracks the performance of the largest and most liquid companies in the global low carbon energy industry. This is a modified market cap-weighted index, and only includes companies that generate at least 50% of their revenue from renewable sources of energy, the development of related technologies, or sustainable building products that reduce energy consumption. MVSMOG covers at least 95% of the investable universe.

Key Features



All Time High/Low **52-Week High/Low**

Total Return Net Index 3,991.37/871.06 3,694.75/2,336.41

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% (25% for current components) of revenue or operating activity from the production of, or technology related to renewable energy or energy efficiency.

Diversification

Maximum weight of 8%.

Review

Quarterly.

Index Data

INDEX PARAMETERS

Launch Date	23 Feb 2021	Components	70
Type	Sector	Volatility (1 year)	27.48
Currency	USD	Full MCap bn USD	1,704.15
Base Date	31 Dec 2015	Float MCap bn USD	1,161.24
Base Value	1,000.00	Correlation* (1 year)	0.90

* S&P Global Clean Energy

FUNDAMENTALS*

Price/Earnings Trailing	130.54
Price/Book	3.35
Price/Sales	2.57
Price/Cash Flow	13.78
Dividend Yield	1.43

* as of 30 Apr 2022

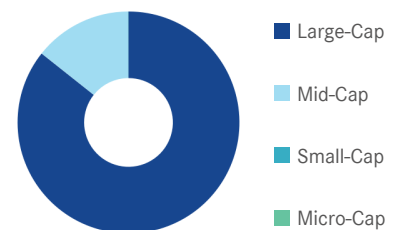
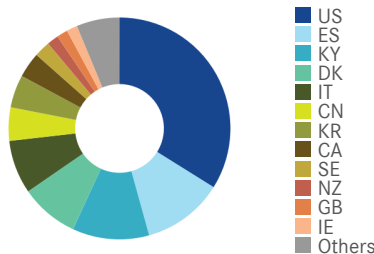
ANNUALISED PERFORMANCE*

1 Month	2.00%
1 Year	-14.01%
3 Years	27.55%
5 Years	17.76%
Since Inception	16.58%

* Total Return Net Index

Country and Size Weightings

Country	Count	Weight
United States	21	33.89%
Spain	4	11.79%
Cayman Islands	5	11.21%
Denmark	3	8.49%
Italy	2	7.82%
China	2	4.85%
South Korea	2	4.78%
Canada	7	3.70%
Sweden	1	2.33%
New Zealand	3	1.71%
United Kingdom	4	1.58%
Ireland	1	1.56%
Others	15	6.28%

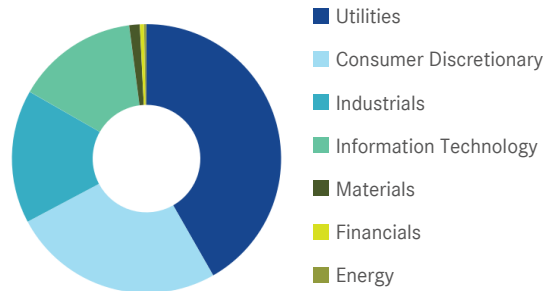


Size	Count	Weight
Large-Cap (> 6 bn)	32	85.68%
Mid-Cap (1.5 bn - 6 bn)	38	14.32%
Small-Cap (0.2 bn - 1.5 bn)	0	0.00%
Micro-Cap (0.0 bn - 0.2 bn)	0	0.00%

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Sector Weightings

Sector	Count	Weight
Utilities	28	41.75%
Consumer Discretionary	9	25.48%
Industrials	18	16.05%
Information Technology	11	14.67%
Materials	2	1.27%
Financials	1	0.49%
Energy	1	0.30%



Index Components

Top Components by Weight	Country	Weight	Best Performing Components	YTD	1 Day
IBERDROLA SA	ES	9.06%	PLUG POWER INC	-32.48%	11.72%
NEXTERA ENERGY INC	US	8.08%	NEL ASA	-10.86%	11.07%
ENEL SPA	IT	7.47%	SUNRUN INC	-22.92%	10.67%
TESLA INC	US	7.41%	BLOOM ENERGY CORP	-16.64%	10.32%
NIO INC - ADR	KY	4.26%	SUNNOVA ENERGY INTERNATIONAL INC	-26.72%	9.65%
SAMSUNG SDI CO LTD	KR	4.23%			
VESTAS WIND SYSTEMS A/S	DK	4.22%			
BYD CO LTD	CN	4.17%			
ORSTED A/S	DK	3.90%			
ENPHASE ENERGY INC	US	3.64%			
LI AUTO INC	KY	2.76%			
SOLAREDGE TECHNOLOGIES INC	US	2.42%			
Subtotal		61.61%			

Worst Performing Components	YTD	1 Day
JOHNSON MATTHEY PLC	-3.82%	-6.45%
ERG SPA	11.52%	-2.91%
CHINA LONGYUAN POWER GROUP-H	-15.63%	-2.76%
ACCIONA SA	3.37%	-2.76%
EDP RENOVAVEIS SA	-1.78%	-2.72%

Symbols

	Symbol	ISIN	WKN	Sedol	Bloomberg	Reuters	Telekurs
Price Index	MVSMOG	DE000SL0CSY2	SL0CSY	BM8QRP7	MVSMOG	.MVSMOG	110099625
Total Return Net	MVSMOGTR	DE000SL0CSZ9	SL0CSZ	BM8QRQ8	MVSMOGTR	.MVSMOGTR	110099628
Total Return Gross	-	-	-	-	-	-	-

For further information visit www.mvis-indices.com

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