

# MVIS Global Clean-Tech Metals Index

The MVIS Global Clean-Tech Metals Index (MVGME) tracks the performance of global metals and rare earth element miners, refiners, and recyclers focused on metals and elements that are used in technologies contributing to the proliferation of clean energy as defined by MVIS. MVGME covers at least 90% of the investable universe.

## Key Features



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

**Total Return Net Index**    3,373.46/789.69      3,373.46/2,479.26

### 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 global metals and rare earth element miners and elements that are used in technologies contributing to the proliferation of clean energy.

### Diversification

Company weightings are capped at 8%.

### Review

Quarterly.

## Index Data

### INDEX PARAMETERS

<b>Launch Date</b>	02 Nov 2021	<b>Components</b>	48
<b>Type</b>	Hard Asset	<b>Volatility</b> (1 year)	28.63
<b>Currency</b>	USD	<b>Full MCap</b> bn USD	634.59
<b>Base Date</b>	31 Dec 2015	<b>Float MCap</b> bn USD	379.99
<b>Base Value</b>	1,000.00	<b>Correlation*</b> (1 year)	0.80

\* MSCI ACWI Select Metal & Mining Prod. Ex Gold & Silver \* as of 30 Nov 2021

### FUNDAMENTALS\*

<b>Price/Earnings Trailing</b>	13.83
<b>Price/Book</b>	2.54
<b>Price/Sales</b>	1.59
<b>Price/Cash Flow</b>	12.14
<b>Dividend Yield</b>	2.21

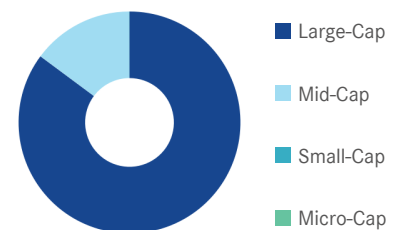
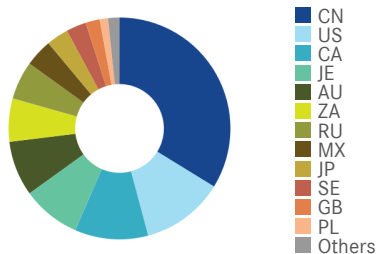
### ANNUALISED PERFORMANCE\*

<b>1 Month</b>	0.14%
<b>1 Year</b>	27.79%
<b>3 Years</b>	32.74%
<b>5 Years</b>	16.01%
<b>Since Inception</b>	21.19%

\* Total Return Net Index

## Country and Size Weightings

Country	Count	Weight
China	18	33.79%
United States	4	12.04%
Canada	6	10.71%
Jersey	1	8.52%
Australia	6	8.03%
South Africa	3	6.28%
Russia	1	5.58%
Mexico	1	4.00%
Japan	2	3.21%
Sweden	1	2.94%
United Kingdom	1	2.05%
Poland	1	1.18%
Others	3	1.67%

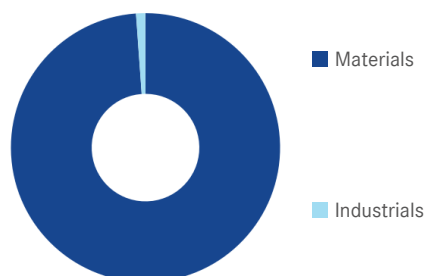


Size	Count	Weight
Large-Cap (> 6 bn)	30	85.18%
Mid-Cap (1.5 bn - 6 bn)	18	14.82%
Small-Cap (0.2 bn - 1.5 bn)	0	0.00%
Micro-Cap (0.0 bn - 0.2 bn)	0	0.00%

## MVIS Global Clean-Tech Metals Index

### Sector Weightings

Sector	Count	Weight
Materials	47	98.88%
Industrials	1	1.12%



### Index Components

Top Components by Weight	Country	Weight	Best Performing Components	YTD	1 Day
FREEMPORT-MCMORAN INC	US	8.79%	YUNNAN TIN CO LTD-A	78.02%	2.72%
GLENCORE PLC	JE	8.52%	JINCHUAN GROUP INTERNATIONAL RESOURC	31.67%	2.22%
GANFENG LITHIUM CO LTD-A	CN	6.27%	LITHIUM AMERICAS CORP	135.70%	2.14%
MMC NORILSK NICKEL PJSC	RU	5.58%	PILBARA MINERALS LTD	248.99%	1.78%
ZHEJIANG HUAYOU COBALT CO -A	CN	4.72%	IVANHOE MINES LTD	48.72%	1.60%
CHINA NORTHERN RARE EARTH GROUP HIGH	CN	4.24%			
GRUPO MEXICO SAB DE CV	MX	4.00%			
TECK RESOURCES LIMITED CLASS B	CA	3.93%			
FIRST QUANTUM MINERALS LTD	CA	2.99%			
BOLIDEN AB	SE	2.94%			
SUMITOMO METAL MINING CO LTD ORD	JP	2.67%			
IMPALA PLATINUM HOLDINGS LTD	ZA	2.43%			
<b>Subtotal</b>		57.08%			

Worst Performing Components	YTD	1 Day
CHENGXIN LITHIUM GROUP CO LTD	132.90%	-3.32%
NINGBO SHANSHAN CO LTD-A	85.80%	-2.60%
AURUBIS AG	30.63%	-2.48%
YOUNGY CO LTD	213.96%	-1.80%
KGHM POLSKA MIEDZ SA	-29.40%	-1.72%

### Symbols

	Symbol	ISIN	WKN	Sedol	Bloomberg	Reuters	Telekurs
<b>Price Index</b>	MVGMET	DE000SL0D927	SL0D92	BKVDP91	MVGMET	.MVGMET	114669071
<b>Total Return Net</b>	MVGMETTR	DE000SL0D935	SL0D93	BKVDP79	MVGMETTR	.MVGMETTR	114669070
<b>Total Return Gross</b>	-	-	-	-	-	-	-

For further information visit [www.mvis-indices.com](http://www.mvis-indices.com)

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