

## MVIS® Global Clean-Tech Metals ex-China Index

The MVIS® Global Clean-Tech Metals ex-China Index (MVGMXC) 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. MVGMXC covers at least 90% of the investable universe.

### Key Features



All Time High/Low      52-Week High/Low

Total Return Net Index      3,882.87/778.13      3,882.87/2,395.76

#### 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

Launch Date	28 Jan 2022	Components	36
Type	Hard Asset	Volatility (1 year)	33.25
Currency	USD	Full MCap bn USD	402.88
Base Date	31 Dec 2015	Float MCap bn USD	247.74
Base Value	1,000.00	Correlation* (1 year)	0.77

\* MVIS Global Rare Earth/Strategic Metals Index \* as of 30 Jun 2022

#### FUNDAMENTALS\*

Price/Earnings Trailing	11.22
Price/Book	2.15
Price/Sales	1.29
Price/Cash Flow	7.21
Dividend Yield	2.57

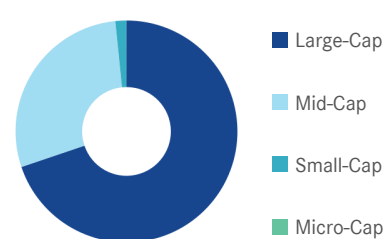
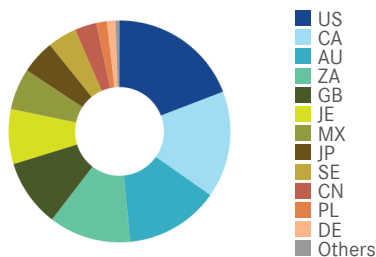
#### ANNUALISED PERFORMANCE\*

1 Month	-29.15%
1 Year	-24.17%
3 Years	11.68%
5 Years	6.39%
Since Inception	14.35%

\* Total Return Net Index

### Country and Size Weightings

Country	Count	Weight
United States	5	19.20%
Canada	7	15.52%
Australia	8	13.76%
South Africa	4	11.94%
United Kingdom	2	9.86%
Jersey	1	7.99%
Mexico	1	6.00%
Japan	2	4.97%
Sweden	1	4.22%
China	2	3.20%
Poland	1	1.54%
Germany	1	1.21%
Others	1	0.59%



Size	Count	Weight
Large-Cap (> 6 bn)	15	69.81%
Mid-Cap (1.5 bn - 6 bn)	18	28.57%
Small-Cap (0.2 bn - 1.5 bn)	3	1.62%
Micro-Cap (0.0 bn - 0.2 bn)	0	0.00%

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## Sector Weightings

Sector	Count	Weight
Materials	36	100.00%



## Index Components

Top Components by Weight		Country	Weight	Best Performing Components		YTD	1 Day
GLENCORE PLC		JE	7.99%	NORTHAM PLATINUM HOLDINGS LTD		-19.55%	4.41%
ALBEMARLE CORP		US	7.05%	IVANHOE MINES LTD		-32.13%	4.39%
ANGLO AMERICAN PLC		GB	6.91%	FIRST QUANTUM MINERALS LTD		-23.07%	3.48%
FREEMOUNT METALS LTD		US	6.30%	ANGLO PLATINUM LTD		-19.72%	3.41%
GRUPO MEXICO SAB DE CV		MX	6.00%	GLENCORE PLC		-2.26%	2.07%
TECK RESOURCES LIMITED CLASS B		CA	5.11%				
FIRST QUANTUM MINERALS LTD		CA	4.43%				
SUMITOMO METAL MINING CO LTD ORD		JP	4.22%				
BOLIDEN AB		SE	4.22%				
IMPALA PLATINUM HOLDINGS LTD		ZA	4.02%				
SIBANYE GOLD- SPON ADR		ZA	3.52%				
ANGLO PLATINUM LTD		ZA	2.98%				
<b>Subtotal</b>			<b>62.75%</b>				

Worst Performing Components		YTD	1 Day
ILUKA RESOURCES LTD		-18.70%	-7.84%
LIONTOWN RESOURCES LTD		-46.96%	-5.98%
SUMITOMO METAL MINING CO LTD ORD		-22.02%	-5.68%
MINMETALS RESOURCES LTD		7.70%	-5.24%
LYNAS RARE EARTHS LTD		-21.85%	-5.13%

## Symbols

	Symbol	ISIN	WKN	Sedol	Bloomberg	Reuters	Telekurs
<b>Price Index</b>	MVGMXC	DE000SL0E1K6	SL0E1K	BNGGLF4	MVGMXC	.MVGMXC	116105007
<b>Total Return Net</b>	MVGMXCTR	DE000SL0E1L4	SL0E1L	BNGGLG5	MVGMXCTR	.MVGMXCTR	116105022
<b>Total Return Gross</b>	-	-	-	-	-	-	-

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