

Mackenzie Maximum Diversification Emerging Markets Index ETF

Global Equity

Compound Annualized Returns 11/30/2022

1 Month	9.3%
3 Months	1.9%
Year-to-date	-10.7%
1 Year	-10.3%
2 Years	-2.8%
3 Years	1.6%
5 Years	1.1%
Since inception (Jan. 2017)	4.3%

Regional Allocation 10/31/2022

CASH & EQUIVALENTS	
Cash & Equivalents	0.5%
OVERALL	
India	27.2%
China	16.7%
Taiwan	13.0%
Brazil	8.4%
South Korea	7.3%
Indonesia	5.9%
Thailand	4.0%
South Africa	3.8%
Mexico	3.3%
Other**	9.9%
Total	100%

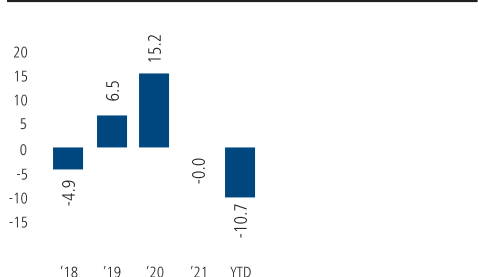
Sector Allocation 10/31/2022

Financials	21.5%
Health Care	11.8%
Information Technology	11.0%
Industrials	10.4%
Consumer Staples	10.4%
Communication Services	9.1%
Consumer Discretionary	8.1%
Materials	7.8%
Utilities	6.5%
Real Estate	2.4%
Energy	0.5%
Cash & Equivalents	0.5%
Total	100%

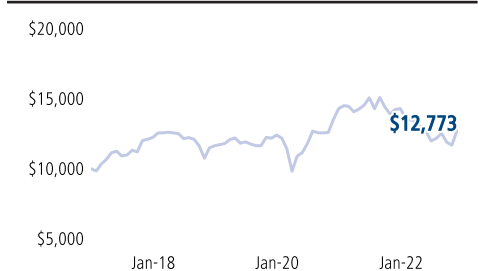
Index Provider

Mackenzie Maximum Diversification Index ETFs are based on TOBAM Maximum Diversification Index Series created by TOBAM S.A.S. The TOBAM Maximum Diversification Index Series are based on constituents in the Solactive AG Index. TOBAM is a Paris-based index provider and institutional asset manager with AUM of US\$8B.

Calendar Year Returns (%) 11/30/2022



Value of \$10,000 invested 11/30/2022



Major Holdings 11/30/2022

Major Holdings Represent 11.8% of the fund

SUN PHARMACEUTICAL INDUS	1.7%
Gold Fields Ltd	1.5%
Adani Total Gas Ltd	1.5%
Adani Green Energy Ltd	1.2%
Infosys Ltd	1.1%
TAIWAN SEMICONDUCTOR MANU	1.0%
Samsung C&T Corp	1.0%
CHINA CONSTRUCTION BANK-H	1.0%
AngloGold Ashanti Ltd	1.0%
ENN Energy Holdings Ltd	0.8%

TOTAL NUMBER OF HOLDINGS: 666

Fund Risk Measures

Annual Std Dev	16.3
Annual Std Dev. B'mark	16.4
Alpha	-1.3
Beta	1.0
R-squared	1.0
Sharpe Ratio	-0.1

Source: Mackenzie Investments

Key Fund Data 10/31/2022

Ticker:	MEE
Total Fund Assets:	\$71.83 million
NAVPS (11/30/2022):	\$23.94
CUSIP:	55453Q108
Listing Date:	01/23/2017
Index:	TOBAM Maximum Diversification Emerging Index
Fund Category:	Global Equity
Distribution Frequency:	Semi-annual
DRIP Eligibility:	Yes
Management Fee:	0.50%
Distribution Yield:	1.54%
Price/Earnings:	10.21
Price/Book:	1.58

Why Invest in this fund?

- MEE seeks to increase diversification to reduce biases and enhance risk-adjusted returns.
- Enhances diversification in Emerging Markets which are currently dominated by the Financial and Information Technology sectors.
- Mackenzie Investments now offers TOBAM's proven, award-winning diversification methodology to all Canadian retail investors.

Risk Tolerance

LOW	MEDIUM	HIGH
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* The TOBAM Maximum Diversification Emerging Index is designed to measure the performance of large and mid capitalization equity securities of advanced and secondary emerging markets selected and weighted to enhance diversification. On February 28, 2019, this ETF began to track a version of this index which is calculated net of withholding taxes. Index Inception Date: February 28, 2019.

** Other includes currency contracts.