

# Mackenzie Maximum Diversification Developed Europe Index ETF

## Regional Equity

### Compound Annualized Returns 12/31/2021

1 Month	2.6%
3 Months	0.5%
Year-to-date	4.6%
1 Year	4.6%
2 Years	6.7%
3 Years	9.0%
5 Years	7.3%
Since inception (Sep. 2016)	6.3%

### Regional Allocation 11/30/2021

#### CASH & EQUIVALENTS

Cash & Equivalents	1.1%
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#### OVERALL

United Kingdom	22.4%
France	13.9%
Denmark	12.7%
Switzerland	10.8%
Germany	7.3%
Spain	5.2%
Netherlands	5.1%
Finland	4.7%
Sweden	4.4%
Other**	12.4%

<b>Total</b>	<b>100%</b>
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### Sector Allocation 11/30/2021

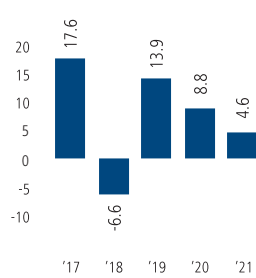
Health Care	24.3%
Consumer Staples	22.4%
Consumer Discretionary	10.3%
Industrials	8.3%
Financials	8.2%
Communication Services	7.5%
Materials	6.4%
Information Technology	5.0%
Real Estate	2.9%
Utilities	2.4%
Energy	1.2%
Cash & Equivalents	1.1%

<b>Total</b>	<b>100%</b>
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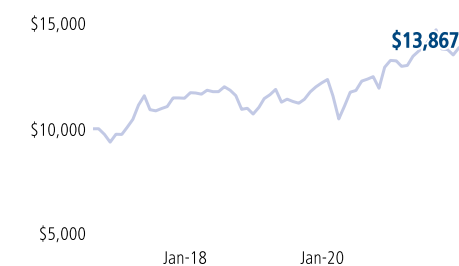
### Index Provider

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 (%) 12/31/2021



### Value of \$10,000 invested 12/31/2021



### Major Holdings 12/31/2021

Major Holdings Represent 15.1% of the fund

COLOPLAST-B	1.6%
NOVOZYMES A/S-B SHARES	1.6%
NOVARTIS AG-REG	1.6%
NESTLE SA-REG	1.5%
ROCHE HOLDING AG-GENUSSCH	1.5%
AstraZeneca PLC	1.5%
NOVO NORDISK A/S-B	1.5%
Ocado Group PLC	1.5%
QIAGEN N.V.	1.5%
KONINKLIJKE AHOLD NV	1.4%

TOTAL NUMBER OF HOLDINGS: 418

### Fund Risk Measures

Annual Std Dev	12.6
Annual Std Dev. B'mark	12.7
Alpha	-0.7
Beta	1.0
R-squared	1.0
Sharpe Ratio	0.5

Source: Mackenzie Investments

### Key Fund Data 11/30/2021

Ticker:	MEU
Total Fund Assets:	\$14.62 million
NAVPS (12/31/2021):	\$24.36
CUSIP:	55453P100
Listing Date:	09/07/2016
Index:	TOBAM Maximum Diversification Developed Europe Index
Fund Category:	Regional Equity
Distribution Frequency:	Quarterly
DRIP Eligibility:	Yes
Management Fee:	0.50%
Distribution Yield:	1.64%
Price/Earnings:	20.10
Price/Book:	2.29

### Why Invest in this fund?

- MEU seeks to increase diversification to reduce biases and enhance risk-adjusted returns.
- Enhances diversification in European equity markets to avoid concentration, protect value and maintain exposure to all sources of potential future return.
- 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 Europe Index is designed to measure the performance of large and mid capitalization equity securities of developed European 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.