

# Mackenzie Greenchip Global Environmental All Cap Fund Series F

## Global Equity

### Compound Annualized Returns 11/30/2022

1 Month	11.4%
3 Months	10.3%
Year-to-date	0.9%
1 Year	1.7%
2 Years	9.5%
3 Years	22.1%
Since inception (Oct. 2018)	22.0%

### Regional Allocation 10/31/2022

#### CASH & EQUIVALENTS

Cash & Equivalents	10.7%
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#### OVERALL

United States	21.5%
France	14.1%
Japan	8.2%
Canada	7.4%
Germany	6.9%
China	5.5%
Netherlands	4.8%
United Kingdom	4.6%
Brazil	4.1%
Other	12.2%

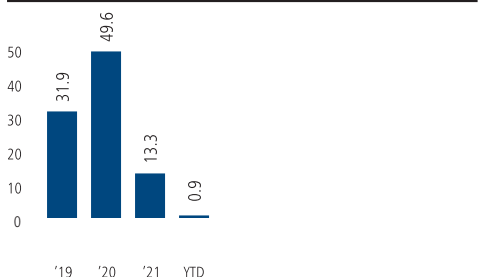
### Sector Allocation 10/31/2022

Industrials	27.4%
Utilities	23.0%
Information Technology	17.1%
Materials	16.1%
Cash & Equivalents	10.7%
Consumer Staples	5.2%
Energy	0.5%

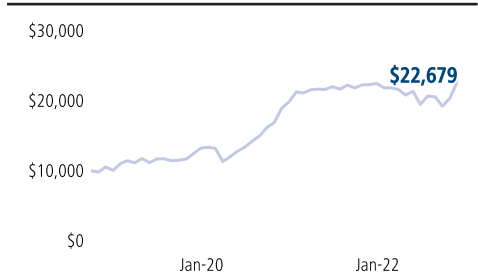
### Portfolio Managers

**Mackenzie Greenchip Team**  
John A. Cook, Gregory Payne

### Calendar Year Returns (%) 11/30/2022



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



### Major Holdings\*\*\*\* 10/31/2022

Major Holdings Represent 40.1% of the fund

Veolia Environnement SA	4.9%
Alstom SA	4.7%
Engie SA	4.5%
United Natural Foods Inc	4.2%
Canadian Solar Inc	3.9%
Siemens AG	3.7%
Cia de Saneamento Basico do Estado de Sao Paulo	3.7%
Hitachi Ltd	3.6%
JinkoSolar Holding Co Ltd	3.5%
Signify NV	3.5%

TOTAL NUMBER OF EQUITY HOLDINGS: 41

### Fund Risk Measures (3 year) 11/30/2022

Annual Std Dev	18.35	Beta	0.97
B'mark Annual Std Dev.	14.91	R-squared	0.62
		Sharpe Ratio	1.16
Alpha	15.30		

Source: Mackenzie Investments

### Key Fund Data

Total Fund Assets: **\$2.3 billion**

NAVPS (11/30/2022): **C\$21.50**

MER (as of Sep. 2022): F: **1.06%** A: **2.56%**

Management Fee: F: **0.80%** A: **2.00%**

Benchmark\*\* : **MSCI All Country World Index**

Last Paid Distribution:

SERIES	FREQUENCY	AMOUNT	DATE
F	Annually	0.5763	12/24/2021
A	Annually	0.5243	12/24/2021
FB	Annually	0.5623	12/24/2021
PW	Annually	0.5376	12/24/2021
PWFB	Annually	0.5767	12/24/2021

#### Fund Codes:

SERIES (C\$)	PREFIX	FE	BE *	LL2 *	LL3 *
F	MFC	5786	—	—	—
A	MFC	5782	5783	7300	5784
FB	MFC	5789	—	—	—
PW	MFC	5792	—	—	—
PWFB	MFC	5795	—	—	—

Additional fund series available at  
[mackenzieinvestments.com/fundcodes](http://mackenzieinvestments.com/fundcodes)

### Why Invest in this fund?

- Global energy transition from fossil-fuels to renewable power is driving structural change and creating new opportunities in the energy sector.
- Environmental sectors generally experience less analyst coverage which may lead to securities that represent investment opportunities.
- The Fund is managed by the Mackenzie Greenchip Team who has been dedicated solely to environmental themed investing since 2007.

### Risk Tolerance

LOW	<b>MEDIUM</b>	HIGH
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\* Effective June 1, 2022, the redemption charge purchase option, and the low-load purchase option are no longer available for purchase, including those made through systematic purchase plans such as pre-authorized contribution plans. Switching from securities of a Mackenzie Fund previously purchased under the redemption charge or low-load purchase options to securities of another Mackenzie Fund, under the same purchase option, will continue to be available until such redemption schedules expire.

\*\* The MSCI All Country World Index is a free float adjusted, market capitalization weighted index that is designed to measure the equity market performance of developed and emerging markets. The index consists of 23 developed and 24 emerging market country indices.

\*\*\* The major holdings of the Fund may, but do not necessarily, represent the largest holdings of the Fund. Rather, the major holdings are selected for their overall significance in evaluating the investment portfolio.