



GREG PAYNE, PHD, CFA

## MANAGER'S COMMENTARY

A relatively quiet 1% gain for global equity markets in July belied a much more volatile underlying backdrop, punctuated by the highly-telegraphed US interest rate cut on the last day of the month. Trillions of dollars more of global sovereign bonds entered negative interest rate territory and the US yield curve fully inverted, so that interest rates on 30-year bonds were lower than those available on 3-month T-bills. Typically this is interpreted as an indicator of high recession risk but given that global central banks now consider quantitative easing (buying bonds in the open market with newly created money) a part of their regular toolkit, the environment in which bonds are now priced is anything but typical. Certainly equity markets indicate little concern for upcoming – or existing – economic weakness, as US markets closed July within 2% of all-time highs. Markets' remarkable resilience looks to be tested again in August as the month began with new skirmishes in the US-China trade war, when President Trump threatened new tariffs and the US Treasury labeled China a 'currency manipulator', for what that's worth (hint: very little).

Environmental sectors and the Greenchip Fund underperformed slightly in July after a strong first half of the year. In the Greenchip Fund, solid earnings for KEMET Corp (in the face of warnings from many of their peers) and Alstom were offset by a weak report from Signify, the lighting supplier that sells the Philips brand. Signify indicated softness in professional projects bookings for commercial and industrial clients in Europe. They also announced an agreement to buy one of their Chinese suppliers of LED lamps. While there are undeniably challenges to managing the conversion to LED and developing new 'smart lighting' products and sales channels, Signify is the last of the major lighting suppliers to remain committed to the entire value chain of lighting (from bulbs to fixtures to projects) globally, and the company's valuation remains attractive. We believe its unique position will eventually be better appreciated by investors.

**FUND PRICE (AS OF JULY 31, 2019): \$17.06 (CLASS A), \$18.30 (CLASS F), \$21.03 (CLASS I)**

### MONTHLY FUND PERFORMANCE (GROSS)

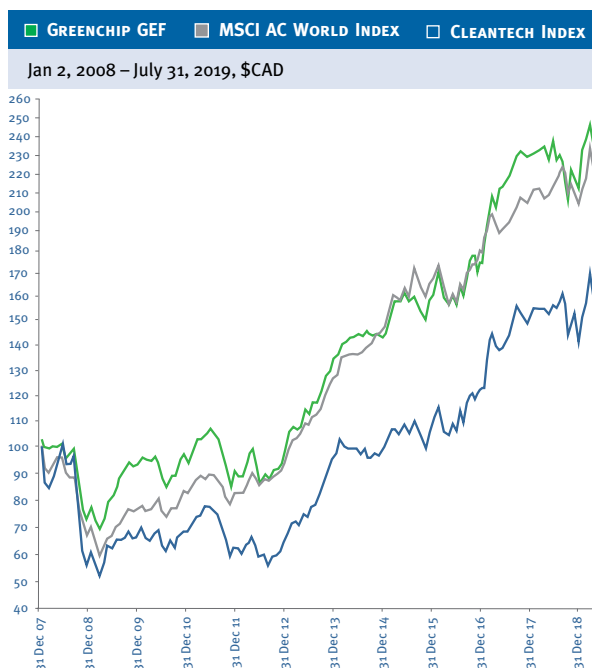
NAV RETURN % (\$CAD)	JAN 2019	FEB 2019	MAR 2019	APR 2019	MAY 2019	JUN 2019	JUL 2019	AUG 2019	SEP 2019	OCT 2019	NOV 2019	DEC 2019	YTD
Greenchip GEF	10.0	3.9	-2.6	5.7	-4.9	4.7	0.6	--	--	--	--	--	<b>17.9%</b>
MSCI World	3.6	3.3	2.8	4.3	-5.3	3.0	1.0	--	--	--	--	--	<b>13.0%</b>
Cleantech	5.9	4.9	0.2	7.5	-6.5	5.1	-1.8	--	--	--	--	--	<b>15.6%</b>

### GROSS RETURNS

	GREENCHIP GEF	MSCI WORLD	CLEANTECH
1 Month	0.6%	1.0%	-1.8%
3 Month	0.2%	-1.5%	-3.5%
6 Month	7.2%	9.1%	9.1%
1 Year	8.4%	4.5%	2.9%
3 Year*	14.0%	10.7%	12.8%
5 Year*	11.9%	11.1%	11.9%
10 Year*	11.0%	12.0%	9.3%
Since Inception*	8.1%	7.5%	4.4%
2018	-7.9%	-0.5%	-4.9%
2017	31.9%	14.4%	20.9%
2016	4.1%	3.8%	8.1%
2015	18.0%	18.9%	21.8%
2014	6.9%	14.4%	-0.3%

\* annualized performance

### GROWTH OF \$100 (GROSS)



Disclaimer: Commissions, trailing commissions, management fees and expenses all may be associated with the Greenchip Global Equity Fund (the "Fund"). The investments discussed above may not be suitable for all investors. Some conditions apply. Investors should carefully review the Fund's Offering Memorandum, including the risk factors detailed therein under the heading "Risk Factors", prior to investing in the Fund. The indicated rates of return for the Fund, if any, are historical total returns including changes in unit value and reinvestment of all distributions and do not take into account sales, redemption, distribution or optional charges or income taxes payable by any security holder that would have reduced returns. There can be no assurance that the Fund objectives will be met. The Morgan Stanley World Index has been chosen as the benchmark for the Fund because it is the most relevant available index for comparison given the diversification of the Fund. The Fund is not guaranteed, its value changes frequently and past performance may not be repeated. Any opinions expressed in the commentary are those of the author and do not necessarily reflect the views and opinions of the Manager or any distributor of the Fund. The views expressed are of a general nature and should not be interpreted as investment advice to you in any way. Please consult a qualified financial advisor before making an investment decision. The portfolio manager/advisor/sub-advisor has a direct interest in the management and performance fees of the Fund, and may, at any given time, have a direct interest in the Fund itself.

The investment objective of the Fund is to outperform the Morgan Stanley World Index over a full market cycle. The Fund invests in publicly listed companies located around the world that operate in our targeted environmental sectors and that we believe are trading at a discount to their future cash generation potential.

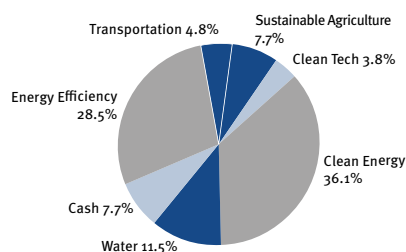
## FUND FACTS

<b>ASSET CLASS:</b> Global Equity (Environmental Sectors)	<b>PURCHASE AND REDEMPTIONS:</b> Last business day of each month
<b>BENCHMARK:</b> MSCI World Index	<b>CUSTODIAN:</b> RBC Investor Services
<b>FUND TYPE:</b> Open end investment trust	<b>AUDITOR:</b> PricewaterhouseCoopers LLP
<b>QUALIFIED PURCHASER:</b> Accredited Investor	<b>LEGAL COUNSEL:</b> WeirFoulds LLP
<b>MINIMUM INVESTMENT:</b> \$250,000	<b>PERFORMANCE FEE:</b> 10% of profits above a 6% hurdle (payable only on redemption)
<b>RRSP ELIGIBLE:</b> Yes	<b>MANAGEMENT FEES:</b> Class A: 1.5 % Class F: 1.0 % Class I: Negotiable
<b>FUNDSERV CODES:</b> Class A: eco 100 Class F: eco 200 Class I: eco 300	

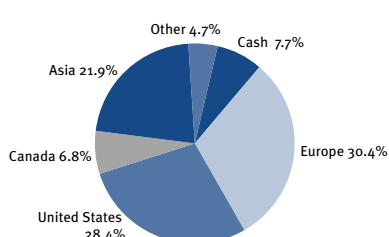
## PORTFOLIO SUMMARY

COMPANY NAME	REGION	SIZE	SECTOR	MARKET VALUE	WEIGHT
Canadian Solar	Asia	Mid	Clean Energy	\$ 4,479,403	5.4%
Jinko Solar	Asia	Small	Clean Energy	\$ 4,244,547	5.1%
ON Semiconductor	United States	Mid	Energy Efficiency	\$ 4,236,865	5.1%
Alstom	Europe	Large	Transportation	\$ 3,995,497	4.8%
Signify	Europe	Mid	Energy Efficiency	\$ 3,589,339	4.3%
Veolia Environmental	Europe	Large	Water	\$ 3,340,790	4.0%
Energias de Portugal	Europe	Mid	Clean Energy	\$ 3,277,446	3.9%
Enel SpA	Europe	Large	Clean Energy	\$ 3,159,861	3.8%
Vishay Intertechnology	United States	Mid	Energy Efficiency	\$ 3,013,670	3.6%
KEMET	United States	Mid	Energy Efficiency	\$ 2,906,255	3.5%
Siemens	Europe	Large	Clean Energy	\$ 2,889,004	3.5%
Hitachi	Asia	Large	Energy Efficiency	\$ 2,824,277	3.4%
Panasonic	Asia	Large	Energy Efficiency	\$ 2,795,915	3.4%
Cascades	Canada	Mid	Sustainable agriculture	\$ 2,599,350	3.1%
KSB	Europe	Mid	Water	\$ 2,587,833	3.1%
Boralex	Canada	Mid	Clean Energy	\$ 2,195,600	2.6%
AVX Corp	United States	Mid	Energy Efficiency	\$ 2,049,919	2.5%
Daqo New Energy	Asia	Small	Clean Technologies	\$ 1,928,027	2.3%
First Solar	United States	Mid	Clean Energy	\$ 1,693,696	2.0%
Cosan	Other	Mid	Clean Energy	\$ 1,541,108	1.9%
Other Equities	–	–	–	\$ 22,230,601	24.4%
Fixed Income	–	–	–	\$ 467,064	0.6%
Cash	–	–	–	\$ 6,409,186	7.7%
<b>Total Value</b>	–	–	–	<b>\$83,292,422</b>	<b>100.0%</b>

### SECTOR ALLOCATION



### GEOGRAPHIC ALLOCATION



### MARKET CAP ALLOCATION

