

# FTSE Environmental Technology Index Series

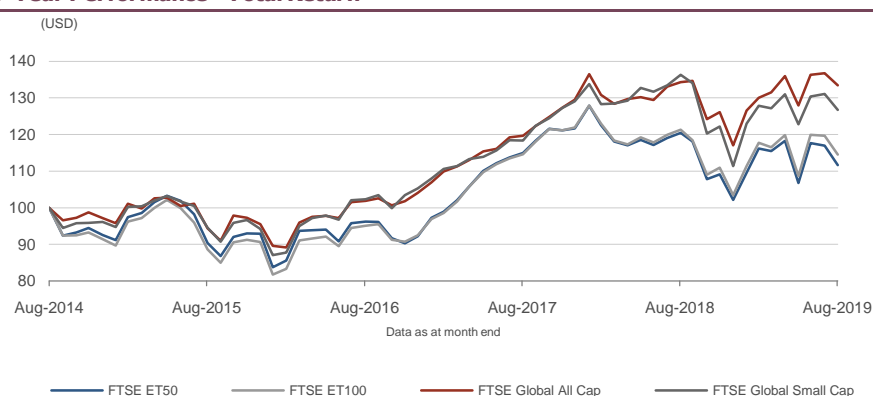
Data as at: 30 August 2019

The FTSE Environmental Technology Index Series measures the performance of companies globally whose core business is in the development and deployment of environmental technologies as defined by the FTSE Environmental Markets Classification System (EMCS). These include Renewable & Alternative Energy, Energy Efficiency, Water Infrastructure & Technology, Waste Management & Technologies, Pollution Control, Environmental Support Services, and Food, Agriculture & Forestry. Forming part of the overall FTSE Environmental Markets Index Series, the FTSE Environmental Technology Index Series requires companies to have at least 50% of their business derived from environmental markets and technologies (as opposed to at least 20% for the FTSE Environmental Opportunities Index Series).

The FTSE Environmental Markets Index Series has been developed in collaboration with Impax Asset Management and under the direction of the independent FTSE Environmental Markets Committee, providing investors with a robust set of Environmental Markets tools.

The FTSE Environmental Technologies Index Series includes the FTSE ET50 Index and the FTSE ET100 Index, which, respectively, comprise the 50 and 100 largest pure play environmental technology companies globally, by full market capitalisation. The indices are designed to measure the performance of companies that have a core business in the development and operation of environmental technologies.

## 5-Year Performance - Total Return



## Performance and Volatility - Total Return

Index (USD)	Return %						Return pa %*		Volatility %**		
	3M	6M	YTD	12M	3YR	5YR	3YR	5YR	1YR	3YR	5YR
FTSE ET50	4.6	-3.9	9.2	-7.3	16.0	11.6	5.1	2.2	16.3	15.2	15.2
FTSE ET100	5.3	-2.8	10.7	-5.6	20.4	14.5	6.4	2.7	16.0	14.9	15.1
FTSE Global All Cap	4.2	2.6	14.0	-0.7	31.0	33.4	9.4	5.9	12.3	10.9	11.8
FTSE Global Small Cap	3.2	-0.9	13.7	-7.0	23.8	26.7	7.4	4.8	13.7	12.5	13.2

\* Compound annual returns measured over 3 and 5 years respectively.

\*\* Volatility - 1YR based on 12 months daily data. 3YR based on weekly data (Wednesday to Wednesday). 5YR based on monthly data.

## FEATURES

### Coverage

The FTSE Environmental Technology Index Series features within the overall FTSE Environmental Markets Index Series.

### Objective

The indices are designed for the creation of index tracking funds, derivatives and as a performance benchmark.

### Investability

Stocks are selected and weighted to ensure that the index is investable.

### Liquidity

Stocks are screened to ensure that the index is tradable.

### Transparency

Index rules are freely available on the FTSE website.

### Availability

The indices are calculated based on price and total return methodologies, both real time and end-of-day.

### Industry Classification Benchmark

Index constituents are categorized in accordance with the Industry Classification Benchmark (ICB), the global standard for industry sector analysis.

**Year-on-Year Performance - Total Return**

Index % (USD)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
FTSE ET50	29.3	-5.2	-27.9	5.8	44.6	-1.2	0.4	-0.8	32.0	-16.0
FTSE ET100	36.2	3.6	-25.0	8.2	44.1	-2.0	-0.8	1.9	31.9	-15.2
FTSE Global All Cap	37.5	14.8	-7.6	17.2	23.9	4.5	-1.7	9.0	24.4	-9.6
FTSE Global Small Cap	48.0	26.8	-10.4	17.8	28.0	2.5	-2.0	11.8	22.6	-13.7

**Return/Risk Ratio and Drawdown - Total Return**

Index (USD)	Return/Risk Ratio				Drawdown (%)			
	1YR	3YR	5YR	10YR	1YR	3YR	5YR	10YR
FTSE ET50	-0.5	0.3	0.1	0.2	-20.1	-24.3	-26.7	-40.7
FTSE ET100	-0.4	0.4	0.2	0.3	-19.6	-23.7	-27.2	-37.5
FTSE Global All Cap	-0.1	0.8	0.5	0.7	-17.5	-19.3	-19.3	-23.4
FTSE Global Small Cap	-0.5	0.6	0.4	0.7	-22.2	-22.3	-22.3	-27.1

Return/Risk Ratio – based on compound annual returns and volatility in Performance and Volatility table  
 Drawdown - based on daily data

**1-Year Correlation - Total Return**

	FTSE ET50	FTSE ET100	FTSE Global All Cap	FTSE Global Small Cap
FTSE ET50	1.000	0.997	0.867	0.867
FTSE ET100		1.000	0.877	0.880
FTSE Global All Cap			1.000	0.974
FTSE Global Small Cap				1.000

**Top 5 Constituents - ET50 Index**

Constituent	Country	ICB Sector	Net MCap (USDm)	Wgt %
Tesla	USA	Automobiles & Parts	31,660	10.65
Legrand	France	Electronic & Electrical Equipment	18,858	6.34
Vestas Wind Systems	Denmark	Alternative Energy	14,634	4.92
Orsted	Denmark	Gas Water & Multiutilities	14,261	4.80
Xylem Inc.	USA	Industrial Engineering	13,684	4.60
<b>Totals</b>			<b>93,097</b>	<b>31.31</b>

**INFORMATION****Index Universe**

All pure play environmental technology companies globally, as defined as eligible in the index Ground Rules

**Base Date**

ET50 - 14 December 2007

ET100 - 16 November 2007

**Base Value**

ET50 - 276.98

ET100 - 1000.00

**Investability Screen**

Free-float adjusted and liquidity screened

**Index Calculation**

Real-time and end-of-day indices available

**End-of-Day Distribution**

Via FTP and email

**Currency**

USD, EUR, GBP, JPY

**Review Dates**

Semi-annually in June and December

## Country Breakdown

Country	FTSE ET50			FTSE ET100		
	No. of Cons	Net MCap (USDm)	Wgt %	No. of Cons	Net MCap (USDm)	Wgt %
Australia	1	2,040	0.69	2	3,327	0.90
Austria	-	-	-	1	1,254	0.34
Belgium	1	6,537	2.20	1	6,537	1.76
China	8	16,225	5.46	14	18,269	4.91
Denmark	4	39,055	13.13	5	39,920	10.74
Finland	-	-	-	1	1,244	0.33
France	1	18,858	6.34	1	18,858	5.07
Germany	2	5,861	1.97	6	9,249	2.49
Hong Kong	1	2,135	0.72	2	2,473	0.67
Ireland	1	6,865	2.31	1	6,865	1.85
Japan	2	14,068	4.73	8	26,319	7.08
Korea	1	10,783	3.63	2	11,229	3.02
Netherlands	-	-	-	1	1,672	0.45
Norway	1	3,069	1.03	2	4,035	1.09
Portugal	1	1,675	0.56	1	1,675	0.45
Spain	2	5,268	1.77	2	5,268	1.42
Sweden	1	3,746	1.26	1	3,746	1.01
Switzerland	-	-	-	5	9,280	2.50
Taiwan	-	-	-	3	4,940	1.33
Thailand	1	2,563	0.86	1	2,563	0.69
UK	3	19,167	6.45	3	19,167	5.16
USA	19	139,469	46.90	37	173,843	46.77
<b>Totals</b>	<b>50</b>	<b>297,383</b>	<b>100.00</b>	<b>100</b>	<b>371,733</b>	<b>100.00</b>

## ICB Industry Breakdown

ICB Code	ICB Industry	FTSE ET50			FTSE ET100		
		No. of Cons	Net MCap (USDm)	Wgt %	No. of Cons	Net MCap (USDm)	Wgt %
0001	Oil & Gas	7	32,956	11.08	13	39,302	10.57
1000	Basic Materials	4	15,215	5.12	8	19,421	5.22
2000	Industrials	29	168,054	56.51	53	204,674	55.06
3000	Consumer Goods	2	42,881	14.42	10	56,823	15.29
4000	Health Care	1	8,920	3.00	1	8,920	2.40
7000	Utilities	5	22,815	7.67	9	28,962	7.79
9000	Technology	2	6,541	2.20	6	13,631	3.67
<b>Totals</b>		<b>50</b>	<b>297,383</b>	<b>100.00</b>	<b>100</b>	<b>371,733</b>	<b>100.00</b>

## Index Characteristics

Attributes	FTSE ET50	FTSE ET100
Number of constituents	50	100
Net MCap (USDm)	297,383	371,733
Dividend Yield %	1.18	1.37
Constituent Sizes (Net MCap USDm)		
Average	5,948	3,717
Largest	31,660	31,660
Smallest	761	166
Median	4,445	2,309
Weight of Largest Constituent (%)	10.65	8.52
Top 10 Holdings (% Index MCap)	47.80	38.24

## About Impax Asset Management

Impax Asset Management is an award winning, leading investment manager dedicated to investing in the opportunities created by the scarcity of natural resources and the growing demand for cleaner, more efficient products and services, through both listed and private equity strategies.

Impax's listed equity funds seek out mis-priced companies that are set to benefit from the long-term trends of changing demographics, urbanisation, rising consumption, and the resultant increases in resource scarcity. Investment is focused on a small number of deeply researched global equity strategies across alternative energy, energy efficiency, water, waste, food and agriculture related markets.

Impax's private equity infrastructure funds follow an operationally focused, value-add strategy, investing in renewable power generation and related assets throughout Europe. The Climate Property Fund focuses on developing sustainable and energy efficient commercial property, primarily in the UK, adding synergistically to Impax's wider real asset investment strategy within private markets.



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Data definitions available from  
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