

# FTSE Environmental Opportunities Index Series

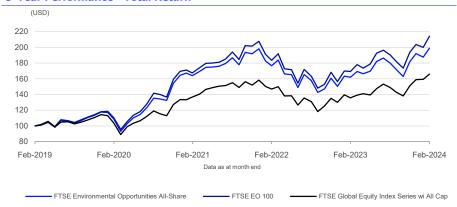
Data as at: 29 February 2024

The FTSE Environmental Opportunities Index Series measures the performance of global companies that have significant involvement in environmental business activities as defined by the FTSE Green Revenues Classification System (GRCS). These include Energy Generation, Energy Equipment, Energy Management and Efficiency, Environmental Resources, Environmental Support Services, Water Infrastructure and Technology, Waste and Pollution Control, Food and Agriculture, Transport Solutions, and Transport Equipment. Forming part of the overall FTSE Environmental Markets Index Series, the FTSE Environmental Opportunities Index Series requires companies to have at least 20% of their revenues derived from environmental products and services.

The FTSE Environmental Markets Index Series has been developed in collaboration with Impax Asset Management and under the direction of the independent FTSE Russell Green Industries Advisory Committee. The two headline indices within the FTSE Environmental Opportunities Index Series are:

- The FTSE Environmental Opportunities All-Share Index comprises all of the companies that have significant involvement in environmental business activities and meet the environmental opportunities eligibility requirements.
- The FTSE EO 100 Index focuses on the top 100 largest companies by market capitalisation in the FTSE Environmental Opportunities All-Share Index.

## **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	
FTSE Environmental Opportunities All- Share	9.5	10.4	3.6	22.8	21.4	98.9	6.7	14.7	12.4	18.0	21.2
FTSE EO 100	10.6	12.5	5.2	26.5	27.9	114.3	8.6	16.5	12.7	18.4	21.5
FTSE Global Equity Index Series wi All Cap	9.9	11.5	4.5	22.4	21.4	66.0	6.7	10.7	10.3	15.6	18.0

<sup>\*</sup> Compound annual returns measured over 3 and 5 years respectively

#### **FEATURES**

#### Coverage

The FTSE Environmental Opportunities Index Series comprises a broad range of indexes including the FTSE Environmental Opportunities All-Share Index, FTSE EO 100 Index and a range of specific indexes focused on the major environmental technology markets. The FTSE Environmental Opportunities Index Series features within the overall FTSE Environmental Markets Index Series.

#### **Objective**

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

#### **Investability**

Stocks are free-float weighted to ensure that only the investable opportunity set is included within the indexes.

## Liquidity

Stocks are screened to ensure that the index is tradable.

## **Transparency**

Index methodologies are freely available on the FTSE Russell website.

#### **Availability**

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

## Industry Classification Benchmark (ICB)

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

<sup>\*\*</sup> Volatility – 1YR based on 12 months daily data. 3YR based on weekly data (Wednesday to Wednesday). 5YR based on monthly data

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

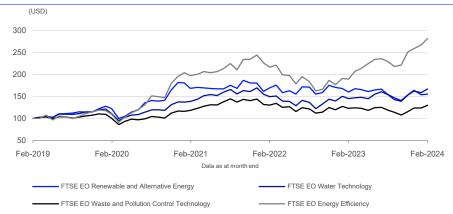
Index % (USD)	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
FTSE Environmental Opportunities All-Share	0.1	-1.9	11.7	31.0	-12.6	31.5	39.9	20.5	-24.1	27.7
FTSE EO 100	0.6	-1.4	11.3	30.5	-10.5	31.1	43.5	22.5	-24.6	30.1
FTSE Global Equity Index Series wi All Cap	4.5	-1.7	9.0	24.4	-9.6	27.1	16.8	18.5	-17.9	22.2

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

Index (USD)	Return/Risk Ratio				Drawdown (%)			
	1YR	3YR	5YR	10YR	1YR	3YR	5YR	10YR
FTSE Environmental Opportunities All-Share	1.8	0.4	0.7	0.6	-14.3	-31.2	-34.5	-34.5
FTSE EO 100	2.0	0.5	0.8	0.7	-13.5	-31.9	-33.9	-33.9
FTSE Global Equity Index Series wi All Cap	2.1	0.4	0.6	0.6	-10.8	-26.1	-34.3	-34.3

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

#### 5-Year Performance - Total Return



## **Performance and Volatility - Total Return**

Index (USD)		Return %				Return <sub>I</sub>	oa %*	Vol	atility %	**	
	3M	6M	YTD	12M	3YR	5YR	3YR	5YR	1YR	3YR	5YR
FTSE EO Renewable and Alternative Energy	1.3	0.7	-5.2	-2.9	-7.8	55.4	-2.7	9.2	13.9	19.0	21.6
FTSE EO Water Technology	8.9	8.4	2.7	15.0	20.2	66.8	6.3	10.8	13.1	17.0	18.9
FTSE EO Waste and Pollution Control Technology	12.6	9.3	4.7	5.4	9.5	29.7	3.1	5.3	11.2	16.0	17.6
FTSE EO Energy Efficiency	12.1	22.9	8.8	48.7	42.7	181.6	12.6	23.0	14.7	19.6	24.8
FTSE Environmental Opportunities UK	4.3	8.7	-2.5	9.1	-0.1	28.3	0.0	5.1	17.7	20.5	22.3
FTSE Environmental Opportunities UK AIM	-	-	-	-	-	-	-	-	-	-	-
FTSE Environmental Opportunities USA	8.6	13.5	5.0	33.9	39.8	145.4	11.8	19.7	15.4	20.6	22.8
FTSE Environmental Opportunities Europe	8.2	12.0	0.6	15.4	10.9	79.6	3.5	12.4	18.3	21.6	23.7
FTSE Environmental Opportunities Japan	16.8	18.7	13.5	38.3	10.8	59.1	3.5	9.7	17.2	19.3	18.8
FTSE Environmental Opportunities Asia-Pacific	13.6	14.5	8.3	25.9	0.9	49.1	0.3	8.3	14.3	19.0	20.5
FTSE Environmental Opportunities Asia- Pacific Ex Japan	11.3	11.5	4.7	18.1	-4.0	50.5	-1.4	8.5	16.5	21.1	23.6

## **INFORMATION**

#### **Index Universe**

FTSE Global Equity Index Series

#### **Base Date**

22 September 1999

## **Base Value**

152

## **Investability Screen**

Free-float adjusted and liquidity screened

## **Index Calculation**

Real-time (calculated every 15 seconds) and end-of-day indices available

## **End-of-Day Distribution**

Via FTP and email

## **Currency**

USD

#### **Review Dates**

Semi-annually in June and December

<sup>\*</sup> 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

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

Index % (USD)	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
FTSE EO Renewable and Alternative Energy	4.4	-4.6	-0.5	26.1	-3.2	33.6	48.9	-0.7	-5.5	-3.9
FTSE EO Water Technology	7.4	3.4	8.1	27.2	-10.8	32.7	14.9	23.1	-17.6	16.2
FTSE EO Waste and Pollution Control Technology	0.9	4.2	6.8	24.9	-6.4	24.0	5.9	23.3	-16.9	3.4
FTSE EO Energy Efficiency	-3.7	-2.9	15.2	34.0	-18.4	33.8	64.4	24.6	-27.7	46.5
FTSE Environmental Opportunities UK	-6.6	-2.4	-6.7	28.5	-15.5	40.4	0.8	20.1	-25.5	19.2
FTSE Environmental Opportunities UK AIM	-8.6	-20.7	-14.7	17.7	-26.9	23.7	129.0	-0.5	-43.8	0.0
FTSE Environmental Opportunities USA	6.4	-4.8	17.3	28.8	-9.6	33.6	50.5	32.0	-26.0	37.1
FTSE Environmental Opportunities Europe	-8.7	-0.7	9.9	33.1	-14.5	35.9	30.6	12.8	-23.2	26.3
FTSE Environmental Opportunities Japan	2.4	11.1	4.8	33.6	-18.0	25.9	27.4	2.6	-26.1	24.4
FTSE Environmental Opportunities Asia-Pacific	0.9	3.8	3.7	32.2	-15.7	23.0	33.0	1.9	-26.9	22.9
FTSE Environmental Opportunities Asia-Pacific Ex Japan	-1.3	-13.2	1.0	28.3	-9.2	15.9	47.6	4.9	-27.2	21.8

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

Index (USD)	Return/Risk Ratio					Drawdo	wn (%)	
	1YR	3YR	5YR	10YR	1YR	3YR	5YR	10YR
FTSE EO Renewable and Alternative Energy	-0.2	-0.1	0.4	0.4	-18.9	-26.5	-34.3	-34.3
FTSE EO Water Technology	1.1	0.4	0.6	0.6	-15.2	-28.4	-36.6	-36.6
FTSE EO Waste and Pollution Control Technology	0.5	0.2	0.3	0.5	-15.1	-26.9	-31.3	-31.3
FTSE EO Energy Efficiency	3.2	0.6	0.9	0.7	-12.0	-35.9	-37.7	-37.7
FTSE Environmental Opportunities UK	0.5	-0.1	0.2	0.1	-16.4	-41.9	-42.4	-42.4
FTSE Environmental Opportunities UK AIM		-	-	-	-	-	-	-
FTSE Environmental Opportunities USA	2.1	0.6	0.9	0.8	-12.6	-30.2	-38.7	-38.7
FTSE Environmental Opportunities Europe	0.8	0.2	0.5	0.4	-18.3	-41.9	-41.9	-41.9
FTSE Environmental Opportunities Japan	2.1	0.1	0.5	0.5	-11.3	-36.5	-36.5	-36.5
FTSE Environmental Opportunities Asia-Pacific	1.7	0.0	0.4	0.4	-13.0	-37.5	-39.0	-39.0
FTSE Environmental Opportunities Asia- Pacific Ex Japan	1.1	-0.1	0.4	0.3	-16.6	-40.8	-41.2	-41.2

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 Environmental Opportunities All- Share	FTSE Global Equity Index Series wi All Cap
FTSE Environmental Opportunities All- Share	1.000	0.939
FTSE Global Equity Index Series wi All Cap		1.000

## **Top 10 Constituents - FTSE Environmental Opportunities All Share**

Constituent	Country	ICB Sector	Net MCap (USDm)	Wgt %
Microsoft Corp	USA	Software and Computer Services	883,053	10.18
Tesla	USA	Automobiles and Parts	556,325	6.41
Taiwan Semiconductor Manufacturing	Taiwan	Technology Hardware and Equipment	523,904	6.04
Toyota Motor	Japan	Automobiles and Parts	288,781	3.33
Linde plc	USA	Chemicals	217,267	2.51
SAP	Germany	Software and Computer Services	205,100	2.36
Cisco Systems	USA	Telecommunications Equipment	195,897	2.26
General Electric	USA	General Industrials	169,875	1.96
International Bus Machns.	USA	Software and Computer Services	167,912	1.94
Danaher Corp	USA	Medical Equipment and Services	166,399	1.92
Totals			3,374,513	38.91

## **Country Breakdown - FTSE Environmental Opportunities All Share**

Country Breakdowi	FTSE Environment All-Sh	al Opportunities	FTSE Global Equit	ty Index Series wi	
Country	No. of Cons	Wgt %	No. of Cons	Wgt %	Diff %
Australia	9	0.53	298	1.87	-1.33
Austria	5	0.12	27	0.07	0.05
Belgium	5	0.17	39	0.23	-0.07
Brazil	19	0.72	165	0.60	0.12
Canada	20	3.17	171	2.67	0.50
Chile	5	0.07	31	0.06	0.01
China	199	1.60	2361	2.55	-0.95
Colombia	-	-	5	0.01	-0.01
Czech Rep.	-		5	0.01	-0.01
Denmark	6	0.77	40	0.79	-0.02
Egypt	-	-	9	0.02	-0.02
Finland	7	0.36	34	0.26	0.10
France	21	3.25	136	2.59	0.66
	27	6.00	156	1.95	4.05
Germany					
Greece	4	0.06	29	0.06	0.01
Hong Kong	9	0.43	125	0.50	-0.07
Hungary	-	-	4	0.02	-0.02
Iceland	-	-	14	0.01	-0.01
India	26	0.94	462	2.10	-1.16
Indonesia	1	0.01	79	0.21	-0.20
Ireland	1	0.16	6	0.06	0.10
Israel	3	0.05	72	0.18	-0.13
Italy	10	0.38	89	0.69	-0.31
Japan	158	9.64	1426	6.29	3.36
Korea	35	1.86	492	1.31	0.55
Kuwait	-	-	21	0.09	-0.09
Malaysia	5	0.09	79	0.18	-0.09
Mexico	2	0.02	49	0.29	-0.26
Netherlands	8	0.47	55	1.10	-0.63
New Zealand	3	0.13	30	0.08	0.05
Norway	10	0.18	57	0.19	-0.01
Pakistan	-	-	14	0.01	-0.01
Philippines	3	0.02	35	0.07	-0.05
Poland	-	-	28	0.10	-0.10
Portugal	4	0.20	14	0.05	0.15
Qatar	1	0.02	21	0.09	-0.07
Romania	_	-	7	0.01	-0.01
Saudi Arabia	2	0.02	90	0.44	-0.42
Singapore	4	0.15	67	0.29	-0.14
South Africa	3	0.04	77	0.29	-0.14
Spain	10	0.23	56	0.59	-0.37
Sweden	19	1.80	141	0.85	0.94
Switzerland	16	1.10	116	2.10	-1.01
Taiwan	46	6.89	496	1.87	5.02
Thailand	19	0.28	130	0.22	0.07
Turkiye	3	0.02	137	0.12	-0.09
UAE	-	-	36	0.16	-0.16
UK	28	1.77	278	3.52	-1.75
USA	163	56.30	1756	62.18	-5.88
Totals	919	100.00	10065	100.00	

## ICB Industry Breakdown - FTSE Environmental Opportunities All Share

		FTSE Environmental Opportunities All-Share		FTSE Global Series w		
ICB Code	ICB Industry	No. of Cons	Wgt %	No. of Cons	Wgt %	Diff %
10	Technology	85	29.72	1180	25.14	4.58
15	Telecommunications	6	3.23	264	2.69	0.54
20	Health Care	4	2.58	894	10.73	-8.15
30	Financials	1	0.01	1122	14.17	-14.16
35	Real Estate	80	5.20	683	2.81	2.39
40	Consumer Discretionary	71	12.97	1549	14.25	-1.28
45	Consumer Staples	22	0.37	649	5.28	-4.91
50	Industrials	325	30.01	1983	14.02	15.99
55	Basic Materials	94	6.36	949	3.64	2.72
60	Energy	52	1.69	398	4.56	-2.88
65	Utilities	179	7.86	394	2.72	5.14
Totals		919	100.00	10065	100.00	

## **Index Characteristics**

Attributes	FTSE Environmental Opportunities All-Share	FTSE EO 100	FTSE Global Equity Index Series wi All Cap
Number of constituents	919	106	10065
Net MCap (USDm)	8,672,981	6,419,429	78,483,087
Dividend Yield %	1.71	1.56	1.96
Constituent Sizes (Net MCap USDm)			
Average	9,437	60,561	7,798
Largest	883,053	646,121	3,074,632
Smallest	12	224	12
Median	1,325	25,138	847
Weight of Largest Constituent (%)	10.18	10.07	3.92
Top 10 Holdings (% Index MCap)	38.91	47.75	17.28

## **Index Characteristics**

Attributes	FTSE EO Renewable and Alternative Energy	FTSE EO Water Technology	FTSE EO Waste and Pollution Control Technology	FTSE EO Energy Efficiency
Number of constituents	198	78	91	258
Net MCap (USDm)	451,248	290,162	312,807	5,850,099
Dividend Yield %	2.01	2.18	2.18	1.31
Constituent Sizes (Net MCap USDm)				
Average	2,279	3,720	3,437	22,675
Largest	42,735	31,561	33,008	3,074,632
Smallest	12	19	16	21
Median	694	1,113	1,017	1,894
Weight of Largest Constituent (%)	9.47	10.88	10.55	52.56
Top 10 Holdings (% Index MCap)	46.69	58.29	57.21	78.47

#### **Index Characteristics**

Attributes	FTSE Environmental Opportunities USA	FTSE Environmental Opportunities Europe	FTSE Environmental Opportunities Japan	FTSE Environmental Opportunities Asia-Pacific
Number of constituents	163	184	158	517
Net MCap (USDm)	7,074,248	1,475,554	836,329	1,957,989
Dividend Yield %	1.15	2.51	1.85	1.95
Constituent Sizes (Net MCap USDm)				
Average	43,400	8,019	5,293	3,787
Largest	3,074,632	205,100	288,781	523,904
Smallest	12	113	74	16
Median	6,261	2,091	941	569
Weight of Largest Constituent (%)	43.46	13.90	34.53	26.76
Top 10 Holdings (% Index MCap)	70.36	52.14	69.93	58.74

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