

# FTSE ENVIRONMENTAL OPPORTUNITIES REGIONAL & COUNTRY INDICES

The FTSE Environmental Opportunities Index Series measures the performance of global companies that have significant involvement in environmental markets, including renewable & alternative energy, energy efficiency, water infrastructure & technologies, pollution control, waste management & technologies or environmental support services. Companies must have at least 20% of their business derived from environmental business activities, as defined by the FTSE Environmental Markets Classification System. This opportunity set is also captured via a range of regional indices which include:

- FTSE Environmental Opportunities Europe Index
- FTSE Environmental Opportunities USA Index
- FTSE Environmental Opportunities & Alternative Energy Index
- FTSE Environmental Opportunities Asia-Pacific Index
- FTSE Environmental Opportunities Japan Index
- FTSE Environmental Opportunities Asia-Pacific ex-Japan Index

## INDEX FEATURES

- Forming part of the overall FTSE Environmental Markets Index Series, the indices have been developed in collaboration with Impax Asset Management and under the direction of the independent FTSE Environmental Markets Committee, further enhancing FTSE's suite of Responsible Investment indices and providing investors with a robust set of responsible investment tools
- The indices are designed for the creation of derivatives, index tracking funds and ETFs
- Stocks are free-float weighted to ensure that only the investable opportunity set is included within the index
- Stocks are liquidity screened to ensure that the index is tradable
- Capital and total return indices are available for this index

## ABOUT IMPAX ASSET MANAGEMENT

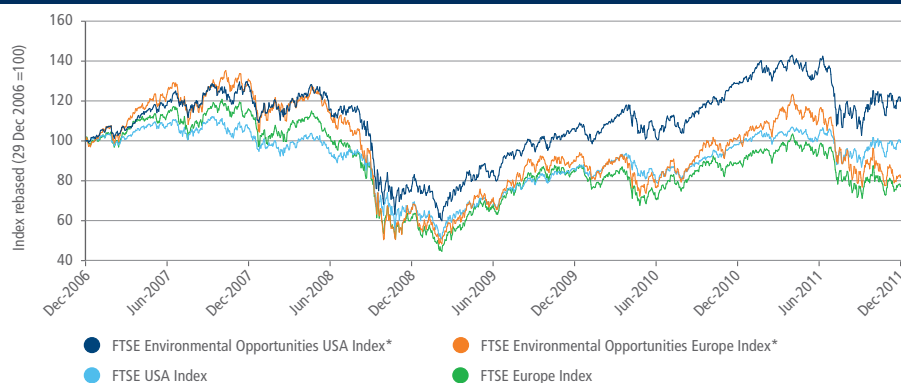
Impax is a specialist investment manager in the environmental sector with over US\$1.6 billion under management across a range of funds investing in quoted securities and private equity.

The firm was founded in 1994 as a specialist finance house focusing on the markets for cleaner or more efficient delivery of basic services of energy, water and waste. These markets are expanding rapidly, as business and political leaders encourage the development of cleaner products and services in response to the increasing pressures placed on the environment.

Impax's dedicated team of professionals, with many years of experience in the financial and environmental sectors, is ideally placed to understand and take advantage of the investment opportunities arising from these growing markets.

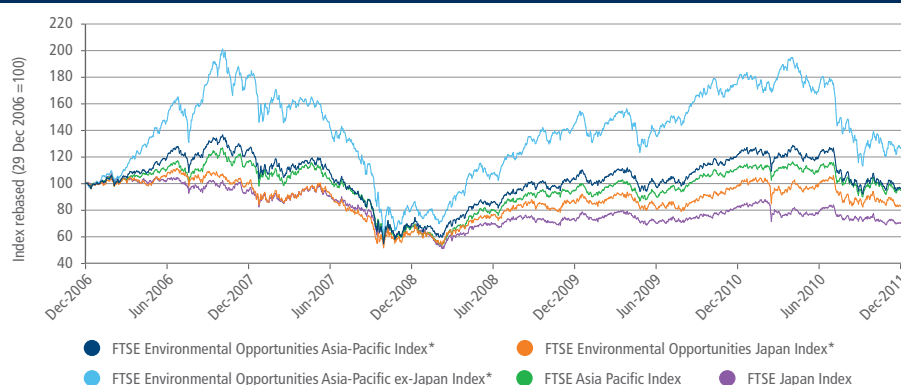
For more information, please visit [www.impax.co.uk](http://www.impax.co.uk)

## FTSE ENVIRONMENTAL OPPORTUNITIES EUROPE & USA INDICES FIVE YEAR PERFORMANCE (USD TOTAL RETURN)



\*Based on a backcast calculation prior to 19 December 2008  
SOURCE: FTSE Group, data as at 30 December 2011

## FTSE ENVIRONMENTAL OPPORTUNITIES ASIA PACIFIC INDICES FIVE YEAR PERFORMANCE (USD TOTAL RETURN)



\*Based on a backcast calculation prior to 19 December 2008  
SOURCE: FTSE Group, data as at 30 December 2011

## FTSE ENVIRONMENTAL OPPORTUNITIES REGIONAL INDICES EMCS (ENVIRONMENTAL MARKETS CLASSIFICATION SYSTEM) SECTOR BREAKDOWN

EMCS Code	EMCS Sector	FTSE EO USA Index			FTSE EO Europe Index			FTSE EO Asia-Pacific Index			FTSE EO Japan Index			FTSE EO Asia-Pacific ex-Japan Index		
		No. of Cons	Net Mkt Cap (USDm)	Index Wt (%)	No. of Cons	Net Mkt Cap (USDm)	Index Wt (%)	No. of Cons	Net Mkt Cap (USDm)	Index Wt (%)	No. of Cons	Net Mkt Cap (USDm)	Index Wt (%)	No. of Cons	Net Mkt Cap (USDm)	Index Wt (%)
E1.0	Renewable & Alternative Energy	11	10,784	1.72	34	82,348	17.77	43	25,382	7.68	1	64,252	0.38	42	24,547	22.28
E2.0	Energy Efficiency	53	222,946	35.55	35	221,028	47.69	69	155,824	47.13	35	9,491,810	55.97	34	32,457	29.46
E3.0	Water Infrastructure & Technologies	25	85,069	13.56	16	33,687	7.27	29	22,129	6.69	9	862,587	5.09	20	10,918	9.91
E4.0	Pollution Control	7	46,638	7.44	6	18,907	4.08	12	34,835	10.54	5	1,285,903	7.58	7	18,122	16.45
E5.0	Waste Management & Technologies	17	72,819	11.61	12	8,795	1.90	18	14,127	4.27	7	481,581	2.84	11	7,868	7.14
E6.0	Environmental Support Services	17	188,891	30.12	24	98,702	21.30	31	78,295	23.68	15	4,772,827	28.14	16	16,262	14.76
<b>Totals</b>		<b>130</b>	<b>627,146</b>	<b>100.00</b>	<b>127</b>	<b>463,468</b>	<b>100.00</b>	<b>202</b>	<b>330,593</b>	<b>100.00</b>	<b>72</b>	<b>16,958,962</b>	<b>100.00</b>	<b>130</b>	<b>110,175</b>	<b>100.00</b>

SOURCE: FTSE Group, data as at 30 December 2011

**FTSE ENVIRONMENTAL OPPORTUNITIES REGIONAL INDICES PERFORMANCE & VOLATILITY (USD TOTAL RETURN)**

	PERFORMANCE								VOLATILITY		
	3M (%)	6M (%)	YTD (%)	12M (%)	3YR (%)	5YR (%)	3YR (%pa)	5YR (%pa)	1YR Vol (%pa)*	3YR Vol (%pa)**	5YR Vol (%pa)***
FTSE Environmental Opportunities USA Index	13.8	-12.9	-5.7	-5.7	54.1	21.1	15.5	3.9	14.9	23.9	19.2
FTSE USA Index	11.6	-4.0	1.7	1.7	48.9	-0.2	14.2	0.0	11.7	20.9	16.4
FTSE Environmental Opportunities Europe Index	3.0	-27.5	-17.9	-17.9	27.7	-16.2	8.5	-3.5	16.5	31.9	26.7
FTSE Europe Index	5.0	-19.6	-11.8	-11.8	28.4	-21.4	8.7	-4.7	15.5	28.5	22.3
FTSE Environmental Opportunities Asia-Pacific Index	-0.4	-19.7	-20.1	-20.1	40.4	-2.1	12.0	-0.4	16.1	22.2	20.6
FTSE Asia Pacific Index	1.1	-14.5	-14.8	-14.8	41.9	-4.1	12.4	-0.8	13.5	20.3	20.1
FTSE Environmental Opportunities Japan Index	-2.9	-15.2	-14.1	-14.1	33.6	-15.0	10.1	-3.2	17.8	22.5	16.1
FTSE Japan Index	-3.8	-9.6	-13.5	-13.5	5.6	-28.2	1.8	-6.4	15.4	19.0	15.3
FTSE Environmental Opportunities Asia-Pacific ex-Japan Index	4.3	-26.8	-28.8	-28.8	53.7	27.4	15.4	5.0	16.7	27.8	30.3
FTSE Asia Pacific ex Japan Index	4.1	-17.1	-15.5	-15.5	77.4	19.6	21.1	3.7	13.9	24.7	25.6

\* Based on daily total returns and annualised based on 252 trading days in a year

\*\* Based on weekly annualised total returns using 52 weeks (Wednesday to Wednesday)

\*\*\* Based on monthly total returns

SOURCE: FTSE Group, data as at 30 December 2011

**FTSE ENVIRONMENTAL OPPORTUNITIES REGIONAL INDICES PORTFOLIO CHARACTERISTICS**

	FTSE EO USA Index (USD)	FTSE EO Europe Index (EUR)	FTSE EO Asia-Pacific Index (USD)	FTSE EO Japan Index (JPY)	FTSE EO Asia-Pacific ex-Japan Index (USD)
Number of Constituents	130	127	202	72	130
Net Market Cap (million)	627,146	463,468	330,593	16,958,962	110,175
<b>Constituent Sizes (Net Market Cap in million)</b>					
Average	4,824	3,649	1,637	235,541	847
Largest	57,280	67,596	27,503	2,116,056	5,668
Smallest	155	4	51	5,280	51
Median	1,850	833	580	89,098	406
Weight of Largest Constituent (%)	9.13	14.58	8.32	12.48	5.14
Top 10 Holdings (% Index Market Cap)	46.79	56.17	37.59	56.38	34.09

SOURCE: FTSE Group, data as at 30 December 2011

**FTSE ENVIRONMENTAL OPPORTUNITIES USA & ALTERNATIVE ENERGY INDEX**

FTSE Environmental Opportunities & Alternative Energy Index combines the constituents of the EO USA index with the largest 50 non-US constituents of the FTSE EO Renewable & Alternative Energy index.

**PERFORMANCE TABLE**

	PERFORMANCE								VOLATILITY		
	3M (%)	6M (%)	YTD (%)	12M (%)	3YR (%)	5YR (%)	3YR (%pa)	5YR (%pa)	1YR Vol (%pa)*	3YR Vol (%pa)**	5YR Vol (%pa)***
FTSE EO USA & Alternative Energy Index	10.3	-16.4	-8.4	-8.4	36.2	7.1	10.8	1.4	13.3	23.3	20.3
FTSE All-World Index	7.1	-11.6	-7.3	-7.3	42.9	-6.1	12.6	-1.3	10.6	22.0	18.9

\* Based on daily total returns and annualised based on 252 trading days in a year

\*\* Based on weekly annualised total returns using 52 weeks (Wednesday to Wednesday) \*\*\* Based on monthly total returns

SOURCE: FTSE Group, data as at 30 December 2011

**PORTFOLIO CHARACTERISTICS**

FTSE EO & Alternative Energy Index	
Number of Constituents	180
Net Market Cap (USDm)	775,628
<b>Constituent Sizes (Net Market Cap in million)</b>	
Average	4,309
Largest	57,280
Smallest	155
Median	1,601
Weight of Largest Constituent (%)	7.38
Top 10 Holdings (% Index Market Cap)	40.70

SOURCE: FTSE Group, data as at 30 December 2011

**ENVIRONMENTAL SECTORS**

EMCS Sector	No. of Constituents	Net Market Cap (USDm)	Index Weight (%)
Renewable & Alternative Energy	59	157,847	20.35
Energy Efficiency	54	223,499	28.82
Water Infrastructure & Technologies	25	85,069	10.97
Pollution Control	8	47,504	6.12
Waste Management & Technologies	17	72,819	9.39
Environmental Support Services	17	188,891	24.35
<b>Totals</b>	<b>180</b>	<b>775,628</b>	<b>100.00</b>

SOURCE: FTSE Group, data as at 30 December 2011

**INFORMATION**
**Index Universe**

FTSE EO All-Share Index

**Base Date**

19 December 2008

**Index Calculation**

Real-time and End-of-Day indices available;  
Real-Time indices calculated every 15 seconds

**Index Distribution**

Indices available at 23:30 GMT

**Currency**

EUR, GBP, USD, YEN

**Review Dates**

Semi-annually in June and December

**Index Rules**

Available at [www.ftse.com/environment](http://www.ftse.com/environment)

**Vendor Codes**

Available at [www.ftse.com/environment](http://www.ftse.com/environment)

"FTSE®" is a trade mark of the London Stock Exchange Group companies and is used by FTSE International Limited ("FTSE") under licence. All rights in and to the FTSE Environmental Opportunities Regional & Country Indices ("Index") vest in FTSE. The Industry Classification Benchmark ("ICB") is owned by FTSE.

All information is provided for information purposes only. Every effort is made to ensure that all information given in this publication is accurate, but no responsibility or liability can be accepted by FTSE or its licensors for any errors or for any loss from use of this publication. Neither FTSE nor any of its licensors makes any claim, prediction, warranty or representation whatsoever, expressly or impliedly, either as to the results to be obtained from the use of the name of the Index set out above or the fitness or suitability of the Index for any particular purpose to which it might be put. No part of this information may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior written permission of FTSE. Distribution of FTSE data and the use of FTSE Indices to create financial products requires a licence with FTSE and/or its licensors. FTSE does not accept any liability to any person for any loss or damage arising out of any error or omission in the ICB.

FOR FURTHER INFORMATION VISIT [WWW.FTSE.COM](http://WWW.FTSE.COM), EMAIL [INFO@FTSE.COM](mailto:INFO@FTSE.COM) OR CALL YOUR LOCAL FTSE OFFICE:

BEIJING +86 (10) 8587 7722 DUBAI +971 4 319 9901 HONG KONG +852 2164 3333 LONDON +44 (0) 20 7866 1810

MILAN +39 02 3604 6953 MUMBAI +91 22 6649 4180 NEW YORK (DOMESTIC TOLL-FREE) + 1 888 FTSE (3873)

PARIS +33 (0)1 53 76 82 89 SAN FRANCISCO +1 888 747 FTSE (3873) SYDNEY +61 (2) 9293 2864 TOKYO +81 (3) 3581 2811

