

PRODUCT SPECIFICATION

FTSE Environmental Opportunities 100 Index
Tracker Service

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INDEX SPECIFICATION

INDEX DESCRIPTION

The FTSE Environmental Opportunities Index Series has been designed to provide investors with a benchmark consisting companies who have a significant involvement in environmental technologies and therefore offers an environmental exposure opportunity to investors. The series provides an opportunity to access the different segments of the environmental market with separate indices covering:

- Waste and Pollution Control,
- Water Technology,
- Energy Efficiency,
- Renewable and Alternative Energy

It is a global index series that aims to include all constituents of the FTSE Global Equities Index Series that have more than 20% of their business in the development and operation of environmental technologies.

INDEX ATTRIBUTES

- The following index table shows the specifications of the index and the attributes.

Index Specification	Attribute
Index Name	FTSE Environmental Opportunities 100 Index
Base Index Date	22/09/1999 – For Backcast 23/06/2008 – For Index Build
Base Index Value	152 on 22/09/1999, 271.71 on 23/06/2008
Base Index Currency	USD
Base Currency Date	16/11/2007

PRODUCT SPECIFICATION

FILE RANGE

Index Name	Index Code (Marker)
FTSE Environmental Opportunities 100 Index	EO100

FILE NAME

File Name	File Name and Extension
FTSE Environmental Opportunities 100 Index Tracker Service (*Where <i>ddmm</i> is effective date and month)	<i>eo1tdmm.csv</i>

FILE DDS PATH

ftp://data.ftse.com/data/eo100/tracker

SERVICE TIMING

All files are available by 23:30 GMT.

PRODUCT SPECIFICATION

FILE CONTENT

- **eo1tdmm.csv**

TRACK01- Index level data

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Index Code	FTSE Index codes	EO100		String	Y
Index / Sector Name	Name of index or industry sector	FTSE Environmental Opportunities 100 Index		String	Y
Old Number of Constituents	Number of lines of stock included in index calculation (including secondary lines), for previous day's close market capitalisation calculation	355		Integer	Y
New Number of Constituents	Number of lines of stock included in index calculation (including secondary lines), for adjusted previous day's close market capitalisation calculation	355		Integer	Y
Previous Market Capitalisation	Previous day's closing weighted market capitalisation in USD in millions	156775.082757	6	Float	Y
New Market Capitalisation	Previous day's closing weighted market capitalisation in USD in millions, after weighting amendments effective today	156775.082757	6	Float	Y
Previous Divisor	Previous day's index divisor in USD millions	156775082.756592	6	Float	Y
New Divisor	Today's index divisor in USD millions	156775082.756592	6	Float	Y
XD Adjustment Value	Today's XD adjustment figure in USD	0.000	3	Float	Y

TRACK02 - Stock level data - weighting amendments

Field	Description	Example	Decima l Places	Data Type	Mandat ory (Y/N)
Cons Code	Constituent identifier code	C36425		String	N
Constituent Name	Name of company	Vestas Wind Systems		String	N
SEDOL	SEDOL Security Identifier	5964651		String	N
ISIN Code	ISIN Code	DK0010268606		String	N
Country Code	Country code for Security	DEN		String	N
Exchange Code	Exchange code for Security	SDC		String	N
Currency Code	ISO Currency code for Security	DKK		String	N
Index Marker	Codes for indexes of which security is a constituent	EO100		String	N
Closing Subsector Code	Old ICB 4-digit Subsector classification code			Integer	N
New Subsector Code	New ICB 4-digit Subsector classification code			Integer	N
Closing Price	Previous day's closing price in currency specified	100.000000	6	Float	N
Price Adjustment Factor	Price adjustment factor	96.678344	6	Float	N
Adjusted Price	Share price in currency indicated after weighting amendment		6	Float	N
Previous Shares In Issue	Number of shares in issue before corporate amendment			Integer	N
New Shares In Issue	Number of shares in issue after corporate amendment			Integer	N
Previous Investability Weight	Percentage of market capitalisation in issue included in the Indices at close		6	Float	N
New Investability Weight	New percentage of market capitalisation included in the Indexes close		6	Float	N
Amendment Code	Code for weighting and housekeeping amendments	IC		String	N
Amendment Notes	Details, where available, on weighting amendment code	Weighting change		String	N

TRACK03 - Stock level data - Ex-dividend changes

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons Code	FTSE constituent identifier	C39390		String	N
Constituent Name	Name of company	"Statoil"		String	N
SEDOL	Stock Exchange Daily Official List (SEDOL) code	7133608		String	N
ISIN	Constituent ISIN code	NO001009698 5		String	N
Country Code	Country code for security	NOR		String	N
Exchange Code	Exchange source	SNO		String	N
Subsector Code	ICB 4-digit Subsector classification code	0537		Integer	N
Shares in Issue	Number of shares in issue for today's calculation	2162590000		Integer	N
Investability Weight	Percentage of shares in issue included in the indexes	30.00	2	Float	N
Ex-Dividend Date	Date the security is XD	16/05/2007		Date	N
Dividend Amount	Dividend amount used for Total Return calculation (may be net or gross) (up to 6 decimal places)	4.000000	6	Float	N
Currency Code	Currency code for dividend payment	NOK		String	N
Index Marker	Codes for indexes of which company is a constituent	4ELE		String	N
XD Adjustment Value	Value for XD adjustment (gross except UK which are actual values) for each related index	0.937	3	Float	N
FTSE Dividend Code	Dividend Code	F		String	N
FTSE Dividend Notes	Details, where available, on dividend payments			String	N

FILE EXAMPLE

- **eo1tdmm.csv**

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FTSE Environmental Opportunities 100 Index Tracker Service

TRACK01 - Index level data

Index Code,Index/Sector Name,Old Number of Constituents,New Number of Constituents,Previous Market Capitalisation,New Market Capitalisation,Previous Divisor,New Divisor,XD Adjustment Value
EO100,FTSE Environmental Opportunities 100
Index,355,355,156775.082757,156775.082757,156775082.756592,156775082.756592,0.000
YYYYYYYYYY

TRACK02 - Stock level data - weighting amendments

Cons Code,Constituent Name,SEDOL,ISIN,Country Code,Exchange Code,Currency Code,Index Marker,Closing Subsector Code,New Subsector Code,Closing Price,Price Adjustment Factor,Adjusted Price,Previous Shares In Issue,New Shares In Issue,Previous Investability Weight,New Investability Weight,Amendment Code,Amendment Notes
C36425,Vestas Wind
Systems,5964651,DK0010268606,DEN,SDC,DKK,EO100,,,,,,,,,100.000000,96.678344,IC,Weighting change
YYYYYYYYYY

TRACK03 - Stock level data - Ex-dividend changes

Cons Code,Constituent Name,SEDOL,ISIN,Country Code,Exchange Code,Subsector Code,Shares in Issue,Investability Weight,Ex-Dividend Date,Dividend Amount,Currency Code,Index Marker,XD Adjustment Value,FTSE Dividend Code,FTSE Dividend Notes
C39390,"Statoil",7133608,NO0010096985,NOR,SNO,0537,2162590000,30.00,16/05/2007,4.000000,NOK,EO100,0
.937,F,

YYYYYYYYYY
XXXXXXXXXX

EXCHANGE RATES FILE SPECIFICATION

An Exchange Rates file is provided free of charge with this service.

FILE NAME

File Name	File Name and Extension
FTSE Exchange Rates File	WIXR.ddmm.csv*

(* where *ddmm* is effective date and month)

FILE CONTENT

Field	Description	Decimal Places
Date	ddmmyyyy format	
ISO Currency Code	Currency code	
USD Exchange Rate	USD exchange rate used for calculation (WM/Reuters closing rates)	Up to 6

(*where *dd/mm/yyyy* is effective date, month and year)

FILE EXAMPLE

06/12/2006(C) FTSE International Limited 2006. All Rights Reserved
FTSE Exchange Rate Service

Date,ISO Currency Code,USD Exchange Rate

12/06/2006,ARS,3.056250
12/06/2006,ATS,10.333250
12/06/2006,AUD,1.269120
12/06/2006,BEF,30.293200
12/06/2006,BRL,2.148750
12/06/2006,CAD,1.146800
12/06/2006,CHF,1.192150
12/06/2006,CLP,525.200000
12/06/2006,CNY,7.823400
12/06/2006,COP,2280.800000
12/06/2006,CZK,21.022800
XXXXXXXXXX

VERSION HISTORY

Product Specification Document Version History

- Version 1.0 - Initial Product Specification - September 2008

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APPENDIX A

• **FTSE Dividend Codes**

Code	Type of Dividend	FTSE Dividend Notes
F	Final Dividend	
I	Interim Dividend	
Q	Quarter Dividend	
D	Final FID Dividend	
R	Interim FID Dividend	
T	Quarter FID Dividend	
H	Final Ord/FID Dividend	amount of FID payment
J	Interim Ord/FID Dividend	amount of FID payment
K	Quarter Ord/FID Dividend	amount of FID payment
S	Special Dividend	
M	Miscellaneous dividend	
Y	Annually paid dividend	

• **FTSE Amendment Codes**

Housekeeping Changes

CODE	FTSE Amendment Note	Notes for service user
CA	Constituent Addition	Includes quarterly review changes and classification changes
CD	Constituent Deletion	Includes quarterly review changes and classification changes
NC	Name Change	Former name will appear in notes field
SC	SEDOL Change	Former SEDOL code will appear in notes field
CS	CUSIP Change	Former CUSIP code will appear in notes field
CU	Currency Change	Former currency will appear in notes field
SS	Subsector Change	Subsector Classification Code Change
IC	Investability weight change	Terms included in notes field, as available
SW	Share Weight Change	Other non-Investability weight changes, product specific
MC	EPIC Change	Former EPIC code will appear in notes field

Corporate Actions

CODE	FTSE Amendment Note	Notes for service user
CP	Capital Repayment	Terms included in notes field, as available
CI	Capitalisation Issue	Terms included in notes field, as available
RI	Rights Issue	Terms included in notes field, as available
SB	Subdivision	Terms included in notes field, as available
CX	Complex	
CN	Consolidation	Terms included in notes field, as available
IS	Share Change	Includes: Employee shares Exercise of Options Exercise of Warrants Further Issue Issue for Cash Offer for subscription Satisfaction of loan Merger Placing Scheme of Arrangement Vendor Consideration Buy-back Cap in lieu of dividend Company Reorganisation Conversion of shares Exchange Offer