



PRODUCT SPECIFICATION

FTSE EPRA/NAREIT GLOBAL REAL ESTATE INDEX SERIES
EMERGING MARKET INDICES
TRACKER SERVICE



National Association of Real Estate Investment Trusts®
REITs: Building Dividends and Diversification

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INDEX SPECIFICATION

INDEX DESCRIPTION

The FTSE EPRA/NAREIT Emerging Market Indices form part of the FTSE EPRA/NAREIT Global Index Series.

INDEX ATTRIBUTES

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

Index Specification	Attribute
Index Codes and Names	See 'Index Range'
Base Index Currency	EUR
Base Currency Date	31/12/1999
Start Value	1000
Start Date	31/10/2008

PRODUCT SPECIFICATION

FILE RANGE

Index Name	Index Code (Marker)	Local Currency
FTSE EPRA/NAREIT Emerging Index	ENEI	EUR
FTSE EPRA/NAREIT Emerging Index Net TRI	RNEI	EUR
FTSE EPRA/NAREIT Emerging Asia Pacific Index	ENEA	EUR
FTSE EPRA/NAREIT Emerging Asia Pacific Index Net TRI	RNEA	EUR
FTSE EPRA/NAREIT Emerging Americas Index	ENEL	EUR
FTSE EPRA/NAREIT Emerging Americas Index Net TRI	RNEL	EUR
FTSE EPRA/NAREIT Emerging EMEA Index	ENEM	EUR
FTSE EPRA/NAREIT Emerging EMEA Index Net TRI	RNEM	EUR
FTSE EPRA/NAREIT Emerging Europe Index	ENEU	EUR
FTSE EPRA/NAREIT Emerging Europe Index Net TRI	RNEU	EUR
FTSE EPRA/NAREIT Emerging Middle East/Africa Index	ENME	EUR
FTSE EPRA/NAREIT Emerging Middle East/Africa Index Net TRI	RNME	EUR

FILE NAME

File Name	File Name and Extension
FTSE EPRA/NAREIT Emerging Market Indices Tracker Service	enet $ddmm$.csv

(*Where $ddmm$ is effective date and month)

FILE DDS PATH

http://data.ftse.com/data/EPRA_NAREIT_EMERGING/tracker

SERVICE TIMING

Available 00:30 hours GMT (Greenwich Mean Time) or BST (British Summertime) as applicable.

PRODUCT SPECIFICATION

FILE CONTENT – FTSE EPRA/NAREIT Emerging Market Indices Tracker Service (enetdmm.csv)

Section 1 - Index level data

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Index Code	FTSE Index codes	ENEE		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	67		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	67		Integer	Y
Previous Market Capitalisation (EUR)	Previous day's closing weighted market capitalisation in EUR Currency in millions	60936.416549	6	Float	Y
New Market Capitalisation (EUR)	Previous day's closing weighted market capitalisation in EUR Currency in millions, after weighting amendments effective today	60936.416549	6	Float	Y
Previous Divisor (EUR)	Previous day's index divisor in EUR Currency, millions	47838688.225331	6	Float	Y
New Divisor (EUR)	Today's index divisor in EUR Currency, millions	47838688.225331	6	Float	Y
XD Adjustment Value	Today's XD adjustment figure in EUR Currency	0.000	3	Float	N

Section 2 - Stock level data - weighting amendments

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons Code	Constituent identifier code	C73596		String	N
Constituent Name	Name of company	Faberge		String	N
ISIN Code	ISIN security Identifier	SE0000950636		String	N
SEDOL	SEDOL Security Identifier	B1Y4VX4		String	N
CUSIP	CUSIP Security Identifier where available			String	N
Country Code	Country code for Security	SWED		String	N
MIC Exchange Code	Exchange code for Security	XOME		String	N
ISO Currency Code	ISO Currency code for Security	SEK		String	N
Index Marker	Codes for indexes of which security is a constituent	ENEE		String	N
ICB Closing Subsector Code	Subsector Code identifier (4 digit code)			Integer	N
ICB New Subsector Code	New Subsector Code identifier (4 digit code)			Integer	N
Closing Price	Previous day's closing price in currency specified	165.500000	6	Float	N
Price Adjustment Factor	Price adjustment factor	0.500000	6	Float	N
Adjusted Price	Share price in currency indicated after weighting amendment	82.750000	6	Float	N
Previous Shares in Issue	Number of shares in issue before corporate amendment	94297875		Integer	N
New Shares in Issue	Number of shares in issue after corporate amendment	188595750		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 Indices close		6	Float	N
Amendment Code	Code for weighting and housekeeping amendments	SB		String	N
Amendment Notes	Details, where available, on weighting amendment code	Stock Split 2 for 1		String	N

Section 3 - Stock level data - Ex-dividend changes

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons Code	FTSE constituent identifier	C36113		String	N
Constituent Name	Name of company	Big Yellow Group		String	N
ISIN Code	ISIN security Identifier	GB0002869419		String	N
SEDOL	Stock Exchange Daily Official List (SEDOL) code	286941		String	N
CUSIP	Constituent CUSIP code			String	N
Country Code	Country code for security	UK		String	N
MIC Exchange Code	Exchange source	XLON		String	N
Subsector Code	Subsector identifier (4 digit code)	8733		Integer	
Shares in Issue	Number of shares in issue for today's calculation	112947302		Integer	N
Investability Weight	Percentage of shares in issue included in the indexes	75.00	2	Float	N
Ex-Dividend Date	Date the security is XD	13/06/2007		Date	N
Dividend Amount	Dividend amount used for Total Return calculation (may be net or gross) (up to 6 decimal places)	5.500000	6	Float	N
ISO Currency Code	Currency code for dividend payment	GBX		String	N
Index Marker	Codes for indexes of which company is a constituent	ENEE		String	N
XD Adjustment Value	Value for XD adjustment (gross except UK which are actual values) for each related index	0.144	3	Float	N
FTSE Dividend Code	Dividend Code	C		String	N
FTSE Dividend Notes	Details, where available, on dividend payments			String	N

FILE EXAMPLE

02/12/2008 (C) FTSE International Limited 2008. All Rights Reserved
 FTSE EPRA/NAREIT Emerging Market Indices Tracker Service

Section 1 - Index level data

Index Code,Old Number of Constituents,New Number of Constituents,Previous Market Capitalisation (EUR),New Market Capitalisation (EUR),Previous Divisor (EUR),New Divisor (EUR),XD Adjustment Value
 ENEA,40,40,7185.888471,7185.888471,7.093257,7.093257,0.355
 YYYYYYYYYY

Section 2 - Stock level data - weighting amendments

Cons Code,Constituent Name,ISIN Code,SEDOL,CUSIP,Country Code,MIC Exchange Code,ISO Currency Code,Index Marker,ICB Closing Subsector Code,ICB 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
 C85904,CapitaCommercial Trust,SG1P32918333,B011YD2,,SI,XSES,SGD,EGAS,,,1.49,,,1375239677,1393357852,,,IS, YYYYYYYYYY

Section 3 - Stock level data - Ex-dividend changes

Cons Code,Constituent Name,ISIN Code,SEDOL,CUSIP,Country Code,MIC Exchange Code,Subsector Code,Shares in Issue,Investability Weight,Ex-Dividend Date,Dividend Amount,ISO Currency Code,Index Marker,XD Adjustment Value,FTSE Dividend Code,FTSE Dividend Notes
 C30620,Ayala Land,PHY0488F1004,6055112,,PHIL,XPHS,8733,12933348000,40,02/12/2008,0.03,PHP,RNEA,0.348,I YYYYYYYYYY

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EXCHANGE RATES FILE SPECIFICATION

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

File Name	File Name and Extension
FTSE Exchange Rates File	wixr <i>ddmm</i> .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 *ddmmyyyy* is effective date, month and year)

FILE EXAMPLE

15/11/2006(C) FTSE International Limited 2006. All Rights Reserved
FTSE Exchange Rate Service

Date,ISO Currency Code,USD Exchange Rate

11/15/2006,ARS,3.068750
11/15/2006,ATS,10.743950
11/15/2006,AUD,1.306930
11/15/2006,BEF,31.497100
11/15/2006,BRL,2.150000
11/15/2006,CAD,1.141050
11/15/2006,CHF,1.247550
11/15/2006,CLP,528.600000
11/15/2006,CNY,7.868700
11/15/2006,COP,2272.800000
11/15/2006,CZK,21.924650
XXXXXXXXXX

VERSION HISTORY

Product Specification Document Version History

- Version 1.0 - Initial Product Specification - Dec 2008

FTSE CONTACT DETAILS

For FTSE contact details please visit [http://www.ftse.com/Contact Us](http://www.ftse.com/Contact_Us)