



PRODUCT SPECIFICATION

FTSE EPRA/NAREIT GLOBAL REAL ESTATE INDEX SERIES
EMERGING MARKET INDICES
FTSE EPRA/NAREIT Emerging Sectors
Open Constituent 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 Sectors Index Series are a sub-set of the FTSE EPRA/NAREIT Global Real Estate Index Series that launched in February 2005. The coverage of FTSE EPRA/NAREIT Emerging Sectors Index Series will classify the EPRA/NAREIT universe by a comprehensively selected segmentation of property sectors spanning the real estate universe of the EPRA/NAREIT.

INDEX ATTRIBUTES

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

Index Specification	Attribute
Index Codes (Markers)	ENED, ENEH, ENES, EMEN, ENEF, ENER, ENET, ENEO, EMEC
Base Index Date	31 October 2008
Base Index Value	1000
Base Index Currency	EUR
Base Currency Date	31 December 1999

PRODUCT SPECIFICATION

FILE RANGE

Index Name	Index Code (Marker)
FTSE EPRA/NAREIT Emerging Diversified Index	ENED
FTSE EPRA/NAREIT Emerging Healthcare Index	ENEH
FTSE EPRA/NAREIT Emerging Self Storage Index	ENES
FTSE EPRA/NAREIT Emerging Industrial Index	ENEN
FTSE EPRA/NAREIT Emerging Office Index	ENEF
FTSE EPRA/NAREIT Emerging Residential Index	ENER
FTSE EPRA/NAREIT Emerging Retail Index	ENET
FTSE EPRA/NAREIT Emerging Lodging/Resorts Index	ENEO
FTSE EPRA/NAREIT Emerging Industrial/Office Mixed Index	ENEC

FILE NAME

File Name	File Name and Extension
FTSE EPRA/NAREIT Emerging Sector Indices Opening Constituent Service	<i>eesoddmm.csv</i>

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

DDS FILE PATH

http://data.ftse.com/EPRA_NAREIT_Emerging_Sectors/Opening_Constituent

SERVICE TIMING

Available 22:30 hours GMT (Greenwich Mean Time) or BST (British Summertime) as applicable.

PRODUCT SPECIFICATION

FILE CONTENT - FTSE EPRA/NAREIT Emerging Sector Indices Opening Constituent Service (*eesodmm.csv*)

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons code	Constituent identification code	C03609		String	Y
ISIN Code	Constituent ISIN code	BRGFS AACNOR3		String	Y
SEDOL	Constituent SEDOL code	2479619		String	Y
CUSIP	CUSIP code			String	N
Constituent Name	Name of index constituent	Gafisa		String	Y
Country Code	Country code for constituent	BRAZ		String	Y
Currency Code	Currency code for constituent	BRL		String	Y
MIC Exchange Code	Exchange code for Security	BVMF		String	Y
Price	Closing price in local currency	8.690000	6	Float	Y
Shares in Issue	Number of shares in index	429134066	0	Integer	Y
Weighting	Percentage of market capitalisation included in the indices	100.000000%	6	Percentage	Y
Industry Code	FTSE ICB Industry identifier (4 digit code)	3000		Integer	Y
Supersector Code	FTSE ICB Supersector identifier (4 digit code)	3700		Integer	Y
Sector Code	FTSE ICB Sector identifier (4 digit code)	3720		Integer	Y
Subsector Code	FTSE ICB Subsector identifier (4 digit code)	3728		Integer	Y
Gross Dividend Yield	Dividend Yield (%)	2.64%	2	Percentage	Y
Mkt Cap (EUR) before investability weight	Market Capitalisation in EUR millions at index close before applying investability weight restraint factor	1579.441103	6	Float	Y
Mkt Cap (EUR) after investability weight	Market Capitalisation in EUR millions at index close after applying investability weight restraint factor	1579.441103	6	Float	N
% Wt FTSE EPRA/NAREIT Emerging Diversified Index	Intentionally Left Blank		6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT Emerging Health Care Index	Intentionally Left Blank		6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT Emerging Self Storage Index	Intentionally Left Blank		6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT Emerging Industrial Index	Intentionally Left Blank		6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT Emerging Office Index	Intentionally Left Blank		6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT Emerging Residential Index	Intentionally Left Blank		6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT Emerging Retail Index	Intentionally Left Blank		6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT Emerging Lodging/Resorts Index	Intentionally Left Blank		6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT Emerging Industrial/Office Mixed Index	Intentionally Left Blank		6	Percentage blank if 0	N
%Wt Country	Percentage with 6 dp or Blank if N/A	9.417503%	6	Percentage blank if 0	N
Index Marker	FTSE EPRA/NAREIT Global Sector indices of which company is a constituent	ENER	6	String	N

FILE EXAMPLE

06/05/2011 (C) FTSE International Limited 2011. All Rights Reserved
FTSE EPRA/NAREIT Emerging Sector Indices Opening Constituent Service

Cons Code,ISIN Code,SEDOL,CUSIP,Constituent Name,Country Code,Currency Code,MIC Exchange
Code,Price,Shares in Issue,Weighting,Industry Code,Supersector Code,Sector Code,Subsector Code,Gross Dividend
Yield,Mkt Cap (EUR) before Investability Weight,Mkt Cap (EUR) after Investability Weight,% Wt FTSE EPRA/NAREIT
Emerging Diversified Index,% Wt FTSE EPRA/NAREIT Emerging Health Care Index,% Wt FTSE EPRA/NAREIT
Emerging Self Storage Index,% Wt FTSE EPRA/NAREIT Emerging Industrial Index,% Wt FTSE EPRA/NAREIT
Emerging Office Index,% Wt FTSE EPRA/NAREIT Emerging Residential Index,% Wt FTSE EPRA/NAREIT Emerging
Retail Index,% Wt FTSE EPRA/NAREIT Emerging Lodging/Resorts Index,% Wt FTSE EPRA/NAREIT Emerging
Industrial/Office Mixed Index,% Wt Country,Index Marker
C03609,BRGFSAACNOR3,2479619,,,"Gafisa",BRAZ,BRL,BVMF,8.690000,429134066,100.000000%,3000,3700,3720,37
28,2.64%,1579.441103,1579.441103,,,,,,,,,9.417503%,ENER

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	wixrddmm.csv*

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

FILE CONTENT

Field	Description	Decimal Places
Date	<i>dd/mm/yyyy</i> 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

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 – April 2011

FTSE CONTACT DETAILS

For FTSE contact details please visit http://www.ftse.com/Contact_Us