



PRODUCT SPECIFICATION

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



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

CONTENTS

Page 3	Index Specification
	- INDEX DESCRIPTION
	- INDEX ATTRIBUTES
Page 4	Product Specification
	- FILE RANGE
	- FILE NAME
	- FILE DDS PATH
	- SERVICE TIMING
	- FILE CONTENT
	- FILE NOTES
	- FILE EXAMPLE
Page 7	Exchange Rates File Specification
	- FILE NAME
	- FILE CONTENT
	- FILE EXAMPLE
Page 8	Version History
	- PRODUCT SPECIFICATION DOCUMENT VERSION HISTORY
Page 8	FTSE Contact Details

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 Opening Constituent Service	eneoddmm.csv

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

FILE DDS PATH

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

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 Opening Constituent Service
(eneodmm.csv)

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons code	Constituent identification code	C00043		String	Y
ISIN CODE	Constituent ISIN code	AU000000GPT8		String	Y
SEDOL	Constituent SEDOL code	6365866		String	Y
CUSIP	CUSIP code			String	N
Constituent name	Name of index constituent	"GPT Group"		String	Y
Country Code	Country code for constituent	AU		String	Y
ISO Currency Code	ISO currency code for constituent	AUD		String	Y
MIC Exchange Code	Exchange code for Security	XASX		String	Y
Price	Closing price in local currency	5.310000	6	Float	Y
Shares in Issue	Number of shares in index	2041531000		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)	8000		Integer	Y
Supersector Code	FTSE ICB Supersector identifier (4 digit code)	8700		Integer	Y
Sector Code	FTSE ICB Sector identifier (4 digit code)	8730		Integer	Y
Subsector Code	FTSE ICB Subsector identifier (4 digit code)	8737		Integer	Y
Gross Dividend Yield	Dividend Yield (%)	5.10%	2	Percentage	Y
Mkt Cap (EUR) before investability weight	Market Capitalisation in EUR millions at index close before applying investability weight restraint factor	6462.118851	6	Float	Y
Mkt Cap (EUR) after investability weight	Market Capitalisation in EUR millions at index close after applying investability weight restraint factor	6462.118851	6	Float	N
% Wt FTSE EPRA/NAREIT Emerging Index	% weight within FTSE EPRA/NAREIT Emerging Index or Blank if N/A	0.878883%	6	Percentage	N
% Wt FTSE EPRA/NAREIT Emerging Asia Pacific Index	% weight within FTSE EPRA/NAREIT Emerging Asia Pacific Index or Blank if N/A	0.878883%	6	Percentage	N
% Wt FTSE EPRA/NAREIT Emerging Americas Index	% weight within FTSE EPRA/NAREIT Emerging Americas Index or Blank if N/A	1.121154%	6	Percentage	N
% Wt FTSE EPRA/NAREIT Emerging Europe Index	% weight within FTSE EPRA/NAREIT Emerging Europe Index or Blank if N/A	1.591686%	6	Percentage	N
% Wt FTSE EPRA/NAREIT Emerging EMEA Index	% weight within FTSE EPRA/NAREIT Emerging EMEA Index or Blank if N/A	0.878883%	6	Percentage	N
% Wt FTSE EPRA/NAREIT Emerging Middle East & Africa Index	% weight within FTSE EPRA/NAREIT Emerging Middle East & Africa Index or Blank if N/A	0.878883%	6	Percentage	N
Index Marker	Display all index codes for relevant index membership.	EGAS EGPA EGXE EGXN EGXU ELAU			N

FILE EXAMPLE

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FTSE EPRA/NAREIT Emerging Market Indices Opening Constituent Service

Cons code,ISIN CODE,SEDOL,CUSIP,Constituent name,Country Code,ISO 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 Index,% Wt FTSE EPRA/NAREIT Emerging Asia Pacific Index,% Wt FTSE EPRA/NAREIT Emerging

Americas Index,% Wt FTSE EPRA/NAREIT Emerging Europe Index,% Wt FTSE EPRA/NAREIT Emerging EMEA
Index,% Wt FTSE EPRA/NAREIT Emerging Middle East & Africa Index,Index Marker
C03609,BRGFSAACNOR3,2479619,,Gafisa,BRAZ,BRL,XBSP,8.190000,133087885,100.000000%,3000,3700,3720,3728
,2.54%,376.335567,376.335567,,,,,,ENEI ENEL RNEI RNEL
XXXXXXXXXX

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)