



## PRODUCT SPECIFICATION

FTSE EPRA/NAREIT GLOBAL REAL ESTATE INDEX SERIES  
EMERGING MARKET INDICES  
FTSE EPRA/NAREIT Emerging Sectors  
Tracker Service



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

## CONTENTS

---

Page 3	<b>Index Specification</b>
	- INDEX DESCRIPTION
	- INDEX ATTRIBUTES

Page 4 - 8	<b>Product Specification</b>
	- FILE RANGE
	- FILE NAME
	- FILE DDS PATH
	- SERVICE TIMING
	- FILE CONTENT
	- FILE NOTES
	- FILE EXAMPLE

Page 9	<b>Exchange Rates File Specification</b>
	- FILE NAME
	- FILE CONTENT
	- FILE EXAMPLE

Page 9	<b>Version History</b>
	- PRODUCT SPECIFICATION DOCUMENT VERSION HISTORY

Page 9	<b>FTSE Contact Details</b>
--------	-----------------------------

---

## 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.

<b>Index Specification</b>	<b>Attribute</b>
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 & Extension
FTSE EPRA/NAREIT Emerging Sector Indices Tracker Service	<i>eestddmm.csv</i>

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

### DDS FILE PATH

[http://data.ftse.com/EPRA\\_NAREIT\\_Emerging\\_Sectors/Tracker](http://data.ftse.com/EPRA_NAREIT_Emerging_Sectors/Tracker)

### 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 Tracker Service (*estddmm.csv*)

EPRA NAREIT01

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Index Code	FTSE Index codes	ENEC		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	2	0	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	2	0	Integer	Y
Previous Market Capitalisation (EUR)	Previous day's closing weighted market capitalisation in EUR Currency in millions	1166.323328	6	Float	Y
New Market Capitalisation (EUR)	Previous day's closing weighted market capitalisation in EUR Currency in millions, after weighting amendments effective today	1166.323328	6	Float	Y
Previous Divisor (EUR)	Previous day's index divisor in EUR Currency, millions	0.373024	6	Float	Y
New Divisor (EUR)	Today's index divisor in EUR Currency, millions	0.373024	6	Float	Y
XD Adjustment Value	Today's XD adjustment figure in USD Currency	0.000	3	Float	N

## EPRA NAREIT02

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons Code	Constituent identifier code			String	N
Constituent Name	Name of company			String	N
ISIN Code	ISIN security Identifier			String	N
SEDOL	SEDOL Security Identifier			String	N
CUSIP	CUSIP Security Identifier where available			String	N
Country Code	Country code for Security			String	N
MIC Exchange Code	Exchange code for Security			String	N
Currency Code	Currency code for Security			String	N
Index Marker	Codes for indexes of which security is a constituent			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		6	Float	N
Price Adjustment Factor	Price adjustment factor		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		0	Integer	N
New Shares in Issue	Number of shares in issue after corporate amendment		0	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			String	N
Amendment Notes	Details, where available, on weighting amendment code			String	N

## EPRA NAREIT03

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons Code	FTSE constituent identifier			String	N
Constituent Name	Name of company			String	N
ISIN Code	ISIN security Identifier			String	N
SEDOL	Stock Exchange Daily Official List (SEDOL) code			String	N
CUSIP	Constituent CUSIP code			String	N
Country Code	Country code for security			String	N
MIC Exchange Code	Exchange source			String	N
Subsector Code	Subsector identifier (4 digit code)			Integer	
Shares in Issue	Number of shares in issue for today's calculation		0	Integer	N
Investability Weight	Percentage of shares in issue included in the indexes		2	Float	N
Ex-Dividend Date	Date the security is XD			Date time	N
Dividend Amount	Dividend amount used for Total Return calculation (may be net or gross) (up to 6 decimal places)		6	Float	N
Currency Code	Currency code for dividend payment			String	N
Index Marker	Codes for indexes of which company is a constituent			String	N
XD Adjustment Value	Value for XD adjustment (gross except UK which are actual values) for each related index		3	Float	N
FTSE Dividend Code	Dividend Code			String	N
FTSE Dividend Notes	Details, where available, on dividend payments			String	N

## File Example

06/05/2011 (C) FTSE International Limited 2011. All Rights Reserved

FTSE EPRA/NAREIT Emerging Sector Indices Tracker Service

### EPRA NAREIT01

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

ENEC,2,2,1166.323328,1166.323328,0.373024,0.373024,0.000

ENED,63,63,33087.212630,33087.212630,20.913215,20.913215,0.000

ENER,20,20,12515.499773,12515.499773,7.113484,7.113484,0.000

ENET,12,12,7743.592288,7743.592288,2.855629,2.855629,0.000

RNEC,2,2,1166.323328,1166.323328,0.373024,0.373024,0.000

RNED,63,63,33087.212630,33087.212630,20.913215,20.913215,0.000

RNER,20,20,12515.499773,12515.499773,7.113484,7.113484,0.000

RNET,12,12,7743.592288,7743.592288,2.855629,2.855629,0.000

YYYYYYYYYY

### EPRA NAREIT02

Cons Code,Constituent Name,ISIN Code,SEDOL,CUSIP,Country Code,MIC Exchange Code,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

YYYYYYYYYY

### EPRA NAREIT03

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,Currency Code,Index Marker,XD Adjustment Value,FTSE Dividend Code,FTSE Dividend Notes

YYYYYYYYYY

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	wixrddmm.csv*

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

### FILE CONTENT

Field	Description	Decimal Places
Date	dd/mm/yyyy 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](http://www.ftse.com/Contact_Us)