



## PRODUCT SPECIFICATION

FTSE EPRA/NAREIT GLOBAL REAL ESTATE INDEX SERIES  
DEVELOPED MARKETS INDICES  
FTSE EPRA/NAREIT Investment Focus Indices  
Open Constituent 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 - 6	<b>Product Specification</b>
	- FILE RANGE
	- FILE NAME
	- DDS FILE PATH
	- SERVICE TIMING
	- FILE CONTENT
	- FILE NOTES
	- FILE EXAMPLE
Page 7	<b>Exchange Rates File Specification</b>
	- FILE NAME
	- FILE CONTENT
	- FILE EXAMPLE
Page 7	<b>Version History</b>
	- PRODUCT SPECIFICATION DOCUMENT VERSION HISTORY
Page 8	<b>FTSE Contact Details</b>

## INDEX SPECIFICATION

---

### INDEX DESCRIPTION

- The FTSE EPRA/NAREIT Investment Focus Indices are an innovative sub-set of the FTSE EPRA/NAREIT Global Series Real Estate Index Series that launched in February 2005. The coverage of the FTSE EPRA/NAREIT Investment Focus Indices classifies the EPRA/NAREIT universe of constituents by two predetermined tiers, Rental or Non-Rental, according to the revenues they receive. Initially, the series will consist of Developed Markets split into regional and superpowers with the flexibility to broaden the offering in the future to include other key countries and economic zones.

### INDEX ATTRIBUTES

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

Index Specification	Attribute
Index Codes (Markers)	ENGR, ENGN, EGAR, EGAN, EPRR, EPRN, EGNR, EGNN, ELAR, ELAN, ELHR, ELHN, ELJR, ELJN, ELUR, ELUN, UNUR, UNUN, EAAR, EAAN
Base Index Date	02 January 2006
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 Developed Rental Index	ENGR
FTSE EPRA/NAREIT Developed Non-Rental Index	ENGN
FTSE EPRA/NAREIT Developed Asia Rental Index	EGAR
FTSE EPRA/NAREIT Developed Asia Non-Rental Index	EGAN
FTSE EPRA/NAREIT Developed Europe Rental Index	EPRR
FTSE EPRA/NAREIT Developed Europe Non-Rental Index	EPRN
FTSE EPRA/NAREIT North America Rental Index	EGNR
FTSE EPRA/NAREIT North America Non-Rental Index	EGNN
FTSE EPRA/NAREIT Australia Rental Index	ELAR
FTSE EPRA/NAREIT Australia Non-Rental Index	ELAN
FTSE EPRA/NAREIT Hong Kong Rental Index	ELHR
FTSE EPRA/NAREIT Hong Kong Non-Rental Index	ELHN
FTSE EPRA/NAREIT Japan Rental Index	ELJR
FTSE EPRA/NAREIT Japan Non-Rental Index	ELJN
FTSE EPRA/NAREIT UK Rental Index	ELUR
FTSE EPRA/NAREIT UK Non-Rental Index	ELUN
FTSE EPRA/NAREIT United States Rental Index	UNUR
FTSE EPRA/NAREIT United States Non-Rental Index	UNUN
FTSE EPRA/NAREIT Developed Asia ex Australia Rental Index	EAAR
FTSE EPRA/NAREIT Developed Asia ex Australia Non-Rental Index	EAAN

### FILE NAME

File Name	File Name and Extension
FTSE EPRA NAREIT Index Series Investment Focus Open Constituent Service	<i>eifoddmm.csv</i>

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

### DDS FILE PATH

[http://data.ftse.com/epra\\_nareit/opening\\_cons](http://data.ftse.com/epra_nareit/opening_cons)

### SERVICE TIMING

Available 23:30 hours GMT (Greenwich Mean Time) or BST (British Summertime) as applicable.

## PRODUCT SPECIFICATION

### FILE CONTENT - FTSE EPRA NAREIT Index Series Investment Focus Open Constituent Service (eifodmm.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	5.060000	6	Float	Y
Shares in Issue	Number of shares in index	2041531000	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)	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 (%)	5.36%	2	Percentage	Y
Mkt Cap (EUR) before investibility weight	Market Capitalisation in EUR millions at index close before applying investibility weight restraint factor	6108.780272	6	Float	Y
Mkt Cap (EUR) after investibility weight	Market Capitalisation in EUR millions at index close after applying investibility weight restraint factor	6108.780272	6	Float	N
% Wt FTSE EPRA/NAREIT Global Rental Index	Intentionally Left Blank		6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT Global Non-Rental Index	Intentionally Left Blank		6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT Asia Rental Index	Intentionally Left Blank		6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT Asia Non-Rental Index	Intentionally Left Blank		6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT Europe Rental Index	Intentionally Left Blank		6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT Europe Non-Rental Index	Intentionally Left Blank		6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT North America Rental Index	Intentionally Left Blank		6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT North America Non-Rental Index	Intentionally Left Blank		6	Percentage blank if 0	N

% Wt FTSE EPRA/NAREIT Australia Rental Index	Intentionally Left Blank		6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT Australia Non-Rental Index	Intentionally Left Blank		6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT Hong Kong Rental Index	Intentionally Left Blank		6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT Hong Kong Non-Rental Index	Intentionally Left Blank		6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT Japan Rental Index	Intentionally Left Blank		6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT Japan Non-Rental Index	Intentionally Left Blank		6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT UK Rental Index	Intentionally Left Blank		6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT UK Non-Rental Index	Intentionally Left Blank		6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT United States Rental Index	Intentionally Left Blank		6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT United States Non-Rental Index	Intentionally Left Blank		6	Percentage blank if 0	N
%WT Country	Percentage with 6 dp or Blank if N/A	9.117970%	6	Percentage blank if 0	N
Index Marker	Investment Focus indices of which constituent is a member	EGAR ENGR ELAR	6	String	N
Rental or Non Rental	Rental or Non Rental	Rental		String	Y

## File Example

05/12/2006 (C) FTSE International Limited 2006. All Rights Reserved  
 FTSE EPRA NAREIT Index Series Investment Focus Open 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 investibility weight,Mkt Cap (EUR) after investibility weight,% Wt FTSE EPRA/NAREIT Global Rental Index,% Wt FTSE EPRA/NAREIT Global Non-Rental Index,% Wt FTSE EPRA/NAREIT Asia Rental Index,% Wt FTSE EPRA/NAREIT Asia Non-Rental Index,% Wt FTSE EPRA/NAREIT Europe Rental Index,% Wt FTSE EPRA/NAREIT Europe Non-Rental Index,% Wt FTSE EPRA/NAREIT North America Rental Index,% Wt FTSE EPRA/NAREIT North America Non-Rental Index,% Wt FTSE EPRA/NAREIT Australia Rental Index,% Wt FTSE EPRA/NAREIT Australia Non-Rental Index,% Wt FTSE EPRA/NAREIT Hong Kong Rental Index,% Wt FTSE EPRA/NAREIT Hong Kong Non-Rental Index,% Wt FTSE EPRA/NAREIT Japan Rental Index,% Wt FTSE EPRA/NAREIT Japan Non-Rental Index,% Wt FTSE EPRA/NAREIT UK Rental Index,% Wt FTSE EPRA/NAREIT UK Non-Rental Index,% Wt FTSE EPRA/NAREIT United States Rental Index,% Wt FTSE EPRA/NAREIT United States Non-Rental Index,%WT Country,Index Marker,Rental or Non Rental  
 C00043,AU000000GPT8,6365866,,,"GPT Group",AU,AUD,XASX,5.060000,2041531000,100.000000%,8000,8700,8730,8737,5.36%,6108.780272,6108.780272  
 ////////////////,9.117970%,EGAR ENGR ELAR,Rental  
 XXXXXXXXXXXX

## 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 – November 2006
- Version 2.0 - Add FTSE EPRA/NAREIT Asia ex Australia Indices – March 2007
- Version 2.1 - Name changes – March 2009

## FTSE CONTACT DETAILS

---

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