



## PRODUCT SPECIFICATION

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



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

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## INDEX SPECIFICATION

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### INDEX DESCRIPTION

The FTSE EPRA/NAREIT Australian Indices form part of the FTSE EPRA/NAREIT Global Index Series and the Developed indices.

### 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

## PRODUCT SPECIFICATION

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### FILE RANGE

Index Name	Index Code (Marker)	Local Currency
FTSE EPRA/NAREIT Australia hedged in USD	ELHA	USD
FTSE EPRA/NAREIT Australia hedged in USD Net TRI	RLHA	USD
FTSE EPRA/NAREIT Developed hedged in AUD	EGHA	AUD
FTSE EPRA/NAREIT Developed hedged in AUD Net TRI	RGHA	AUD
FTSE EPRA/NAREIT Developed Rental Index Hedged in AUD	GRAH	AUD
FTSE EPRA/NAREIT Developed Rental Index Hedged in AUD Net TRI	RRAH	AUD
FTSE EPRA/NAREIT Developed ex Australia Index	GAXA	AUD
FTSE EPRA/NAREIT Developed ex Australia Index Net TRI	RAXA	AUD
FTSE EPRA/NAREIT Developed ex Australia hedged in AUD	EGAA	AUD
FTSE EPRA/NAREIT Developed ex Australia hedged in AUD Net TRI	RGAA	AUD
FTSE EPRA/NAREIT Developed ex Australia hedged in USD	EGAH	USD
FTSE EPRA/NAREIT Developed ex Australia hedged in USD Net TRI	RGAH	USD
FTSE EPRA/NAREIT Developed ex Aus Rental in AUD Unhedged	GAUR	AUD
FTSE EPRA/NAREIT Developed ex Aus Rental Net TRI	RAUR	AUD
FTSE EPRA/NAREIT Developed ex Aus Rental in AUD Hedged	GAHR	AUD
FTSE EPRA/NAREIT Developed ex Aus Rental in AUD Hedged Net TRI	RAHR	AUD
FTSE EPRA/NAREIT Developed ex Aus Non-Rental in AUD Unhedged	GAUN	AUD
FTSE EPRA/NAREIT Developed ex Aus Non-Rental Net TRI	RAUN	AUD
FTSE EPRA/NAREIT Developed ex Aus Non-Rental in AUD Hedged	GAHN	AUD
FTSE EPRA/NAREIT Developed ex Aus Non-Rental in AUD Hedged Net TRI	RAHN	AUD
FTSE EPRA/NAREIT Developed REITS Index Hedged in AUD	GEAH	AUD
FTSE EPRA/NAREIT Developed REITS Index Hedged in AUD Net TRI	REAH	AUD

### FILE NAME

File Name	File Name and Extension
FTSE EPRA/NAREIT Australian Indices Tracker Service	enaut <code>ddmm</code> .csv

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

### FILE DDS PATH

[http://data.ftse.com/data/EPRA\\_NAREIT/tracker](http://data.ftse.com/data/EPRA_NAREIT/tracker)

### SERVICE TIMING

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

## PRODUCT SPECIFICATION

FILE CONTENT – FTSE EPRA/NAREIT Australian Indices Tracker Service (enautddmm.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

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FTSE EPRA/NAREIT Australian 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

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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  
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### VERSION HISTORY

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#### Product Specification Document Version History

- Version 1.0 - Initial Product Specification - Apr 2009

## FTSE CONTACT DETAILS

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

## APPENDIX A

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### • *FTSE Amendment Codes*

#### Housekeeping Changes

<b>CODE</b>	<b>FTSE Amendment Note</b>	<b>Notes for service user</b>
CA	Constituent Addition	Includes quarterly review changes and classification changes
CD	Constituent Deletion	Includes quarterly review changes and classification changes
NC	Name Change	Former name will appear in notes field
SC	SEDOL Change	Former SEDOL code will appear in notes field
CS	CUSIP Change	Former CUSIP code will appear in notes field
CU	Currency Change	Former currency will appear in notes field
SS	Subsector Change	Subsector Classification Code Change
IC	Investability weight change	Terms included in notes field, as available
SW	Share weight change	
MC	EPIC Change	Former EPIC code will appear in notes field

#### Corporate Actions

<b>CODE</b>	<b>FTSE Amendment Note</b>	<b>Notes for service user</b>
CP	Capital Repayment	Terms included in notes field, as available
CI	Capitalisation Issue	Terms included in notes field, as available
RI	Rights Issue	Terms included in notes field, as available
SB	Subdivision	Terms included in notes field, as available
CX	Complex	
CN	Consolidation	Terms included in notes field, as available
IS	Share Change	Includes: Employee shares Exercise of Options Exercise of Warrants Further Issue Issue for Cash Offer for subscription Satisfaction of loan Merger Placing Scheme of Arrangement Vendor Consideration Buy-back Cap in lieu of dividend Company Reorganisation Conversion of shares Exchange Offer