



**GROUND RULES FOR THE
MANAGEMENT OF THE**

**FTSE EPRA/NAREIT
GLOBAL REAL ESTATE INDEX SERIES®**

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1. Introduction

- 1.1** This document sets out the Ground Rules for the Management of the FTSE EPRA/NAREIT Global Real Estate Index Series. Copies of the Ground Rules are available from FTSE.
- 1.2** The FTSE EPRA/NAREIT Global Real Estate Index Series is designed to represent general trends in eligible listed real estate stocks worldwide. Relevant real estate activities are defined as the ownership, trading and development of income-producing real estate.
- 1.3** The FTSE EPRA/NAREIT Global Real Estate Index Series provides investors with a comprehensive and complementary set of indices which range from regional and country indices, Dividend+ indices, Investment Focus indices and a REITs and Non-REITs series. The index series is designed to reflect the stock performance of companies engaged in specific aspects of the major real estate markets/regions of the world - Americas, EMEA (Europe, Middle East and Africa) and Asia.

The Global Real Estate market is defined in *Appendix 1*.

1.4 Index Construction Methodology

The FTSE EPRA/NAREIT Global Real Estate Index Series includes the indices which can be grouped into global, regional and specialist.

A breakdown of the indices within the series is defined in *Appendix 2*.

- 1.5** Two values for each index are calculated: (1) a capital return and (2) a total return. A net total return value is also calculated (see *Appendix 3*).
- 1.6** The main calculation currency is the Euro although the indices are also calculated in US Dollar, British Sterling and Japanese Yen on an end-of-day basis. The FTSE EPRA/NAREIT Pure Australia Index is also calculated in Australian dollars. The main calculation currency for the FTSE EPRA/NAREIT Developed Asia 33 Index is Hong Kong Dollars.

2. Status of Real Time Indices

2.1 The FTSE EPRA/NAREIT Global Real Estate indices that are calculated in real time (see *Appendix 2*) are made available with one of the following designations:

a) **Firm**

- i. The indices are active and being calculated during Official Market Hours using prices on the eligible exchanges. No message will be displayed against the index value.
- ii. The Official Closing Prices for the indices are described in *Appendix 4*.

b) **Closed**

The indices have ceased all calculations for the day. The message 'CLOSE' will be displayed against the index value calculated by FTSE.

c) **Held**

During Official Market Hours, an index has exceeded pre-set operating parameters, and the calculation has been suspended pending resolution of the problem. The message 'HELD' will be displayed against the last index value calculated by FTSE.

d) **Indicative**

If there is a system problem or situation in the market that is judged to affect the quality of the constituent prices at any time when an index is being calculated, the index will be declared indicative (e.g., normally where a 'fast market' exists in the equity market). The message 'IND' will be displayed against the index value calculated by FTSE.

e) **Part**

If the index is being calculated during the normal Official Index Period hours, but there are less than 75% of the constituents by capitalisation available with firm prices, then the index will be displayed with the message 'PART' to indicate that only a proportion of the securities prices are included. With the exception of the message 'PART', the index will continue to be calculated and displayed as if it were firm.

3. Algorithms and Calculation Methods

3.1 Prices

- 3.1.1 The FTSE EPRA/NAREIT Global Real Estate Index Series uses actual closing mid-market or last trade prices, where available, for securities with local bourse quotations, as detailed in *Appendix 4*.
- 3.1.2 Reuters' real time exchange rates are used in the index calculations which are disseminated in real-time. Exchange rates used in the End-of-Day calculations are WM/Reuters Closing Spot Rates™, collected at 16:00 hrs London time (see *Appendix 5*). Exchange rates used in the End-of-Day calculations of the FTSE EPRA/NAREIT Developed Asia 33 Index are Reuters Spot Rates™, collected at 09:00 hrs London time (see *Appendix 5*).

3.2 Shares in Issue

- 3.2.1 For the purposes of computing the FTSE EPRA/NAREIT Global Real Estate Index Series, the number of shares in issue for each constituent security is expressed to the nearest share and, to prevent a large number of insignificant weighting changes, the number of shares in issue for each constituent security is amended only when the total shares in issue held within the index system changes by more than 1% on a cumulative basis. Changes will be made quarterly after the close of business on the third Friday of March, June, September and December.
- 3.2.2 If a corporate action is applied to an index constituent that involves a change in the number of shares in issue, the change in shares will be applied simultaneously with the corporate action.
- 3.2.3 If accumulated changes in the number of shares in issue add up to 10% or more, or when an accumulated share change represents USD 2bn of a company's total market capitalisation, they are implemented between quarters. A minimum of 4 days notice will be given to users of the index. WM/Reuters Spot Rates will be used to convert the market capitalisation into USD. The USD 2bn threshold may be adjusted annually in December, by the FTSE Policy Group. If an adjustment is made, it will be applied for the first time at the next review in March of the following year.
- 3.2.4 Any exceptions to Rules 3.2.1 to 3.2.3 will be agreed with the Chairman of the relevant Supervisory and Regional Committees and all users will be notified in advance of being implemented.
- 3.2.5 All adjustments are made before the start of the index calculation on the day concerned, unless market conditions prevent this.

3.3 Calculation Frequency

- 3.3.1 Please see *Appendix 6* for the calculation schedule for the FTSE EPRA/NAREIT Global Real Estate Index Series.

3.4 Algorithm

- 3.4.1 The FTSE EPRA/NAREIT Global Real Estate Index Series is calculated using the chained Paasche methodology.
- 3.4.2 The performance of the FTSE EPRA/NAREIT Global Real Estate Index Series on a given day is determined by calculating the percentage difference between:
- the index's market capitalisation as at the close of that day and
 - the market capitalisation at the start of that day
- "Start of the day" is defined as the previous day's close adjusted for capital changes, investability weight changes, additions and deletions.

- 3.4.3 Adjustments are applied whenever capital changes take place, so that the performance of the FTSE EPRA/NAREIT Global Real Estate Index Series reflects the experience of investors. *The Guide to Calculation Methods* – available from FTSE (see 'Further Information') - contains descriptions of the statistical procedures and algorithms used in the compilation of the Index Series.

4. Eligibility Criteria

- 4.1** The FTSE EPRA/NAREIT Global Real Estate Index Series includes only real estate securities that are traded in one of the listed countries see *Appendix 1*. The company must be listed on an official stock exchange listed in *Appendix 7*.
- 4.2**
- a) The Initial Universe of companies consists of companies with the following ICB Classifications: Supersector 8600 (Real Estate), Subsector 2357 (Heavy Construction) and Subsector 3728 (Home Construction).
 - b) The Initial Universe may be expanded with other companies following the Committee's approval.
- 4.3** Relevant real estate activities are defined as the ownership, trading and development of income-producing real estate.
- 4.4** Real estate companies must have derived, in the previous full financial year, at least 75 percent of their total EBITDA from relevant real estate activities.
- 4.5** The construction of residential homes for sale is considered relevant real estate in the Asia Region and Emerging Markets only.
- 4.6** The following are not considered relevant real estate activities:
- a) The financing of real estate.
 - b) The provision of construction management, general contracting and project management services.
 - c) The provision of property management, facilities management, brokerage, investment management funds and services.
 - d) Holding companies are excluded from the index. Holding companies are defined as companies that have more than 50 percent of their net assets invested in the securities of other listed companies.
 - e) Storage caverns/units for commodities such as oil & gas.
 - f) Companies for which the ownership of real property is incidental to the primary revenue generating activities, including those companies in the gaming, theme park and other entertainment businesses.
 - g) Infrastructure assets, including transportation assets (roads, bridges, tunnels, airports, etc.), energy and utilities assets (power generation, fuels, etc.), water and waste management assets and communication assets (line-based networks, air-based networks, etc.).
- 4.7** The constituents of the FTSE EPRA/NAREIT Global Real Estate Index Series are required to meet all of the following criteria where applicable:
- a) A company is only included in the FTSE EPRA/NAREIT Global Real Estate Index Series if it provides an audited annual, at least annually, report in English. This is defined as a current set of accounts in English consisting of a profit and loss statement, a balance sheet, directors' review and full notes to the accounts.
 - b) If a company newly introduces accounts in English it becomes eligible for the indices at the next quarterly review, providing it meets all other index inclusion criteria.
 - c) If a company discontinues the production of accounts in English (Rule 4.7a) it becomes ineligible for the indices at the next quarterly review.
 - d) If a company meets the EBITDA criteria based on its latest annual accounts (Rule 4.7a), it becomes eligible for the indices at the next quarterly review, providing it meets all other index inclusion criteria.

- e) If a company fails the EBITDA criteria (see Rule 4.4), it becomes ineligible for the indices at the next quarterly review.

See *Appendix 10* for the Eligibility Criteria of Speciality Indices.

4.8 The FTSE EPRA/NAREIT Global Real Estate Index Series is divided into Developed and Emerging sub-series. Assignment of companies to the sub-series is made according to the following criteria:

- a) New constituents will be classified as Developed if greater than 75 percent of their total annual EBITDA has been derived from Developed Markets (as classified by the FTSE Country Classification Committee) for two consecutive years as evidenced from the company's annual reports. Otherwise the constituent will be classified as Emerging.¹
- b) Existing Developed series constituents will move to the Emerging series if their total annual EBITDA from Developed markets has decreased to less than 50 percent for two consecutive years as evidenced by the company's annual reports.^{2,3}

Existing Emerging series constituents will move to the Developed series if their total annual EBITDA from Developed markets has increased to greater than 75 percent for two consecutive years as evidenced by the company's annual reports.

4.9 For the purposes of creating local and regional indices the following criteria are used to determine the nationality and regional allocation of a company:

- a) The Nationality of a company will generally be the same as that allocated by FTSE in the construction of the FTSE Global Equity Index Series except where this would be inconsistent with the allocation of the company to the Developed and Emerging sub-series as provided for in the above rule.
- b) In this eventuality, the Nationality of a company in the Developed sub-series will be determined by the Developed country, and in the case of an Emerging sub-series constituent the Emerging country, that contributed most to the company EBITDA as evidenced by the company's most recent financial report. In the event of a company moving between the Developed and Emerging sub-series, its Nationality will be re-evaluated according to this rule.
- c) The Nationality of a company so assigned may also be re-assessed if for a constituent of the Developed sub-series a different Developed country, and for a constituent of the Emerging sub-series a different Emerging country, has contributed most to the company's total annual EBITDA over two consecutive years as evidenced by the company's annual reports.

Company Nationality assignments are subject to the approval of the EPRA/NAREIT regional committees.

The regional allocation of a company will be determined by its Nationality.

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1. Non-constituents which become eligible from March 2012 upon the introduction of the revised rules (v5.0) will be included in the Global Index Series in March 2012.
 2. For existing constituents, EBITDA will be tested prospectively over a two-year period for developed/emerging status, starting in March 2012. Therefore, companies could be re-classified from March 2014 at the earliest.
 3. The 'Red Chips' in the FTSE EPRA/NAREIT Global Real Estate Index Series, which have remained in Hong Kong (Developed) since September 2009, will move to China (Emerging) in March 2012 as previously notified.

5. Qualification Criteria & Periodic Review of Constituents

5.1 Review Dates

- 5.1.1 The FTSE EPRA/NAREIT Global Real Estate Index Series is reviewed on a quarterly basis in March, June, September and December. The meetings to review the constituents will be held on the Thursday following the first Friday of March, June, September and December. The review is based on data as at the close of business on the last trading day of February, May, August and November.
- 5.1.2 Any constituent changes resulting from the periodic review will be implemented at the close of business on the third Friday of March, June, September and December. Subsequent adjustments in stock weightings (including free float) will become effective at the same time.
- 5.1.3 Details of the outcome of the quarterly review of constituents for the FTSE EPRA/NAREIT Global Real Estate Index Series will be announced as soon as possible after the quarterly committee meeting has concluded.

5.2 Review Process

- 5.2.1 The rules for inserting and deleting securities at the quarterly reviews are designed to provide stability in the selection of constituents of the FTSE EPRA/NAREIT Global Real Estate Index Series while ensuring that the indices continue to be representative of listed real estate markets by including or excluding those securities which have risen or fallen significantly in value or those companies whose eligible real estate activities have appreciably grown or diminished.
- 5.2.2 All companies that satisfy Rules 4.1 to 4.9 are eligible for inclusion in the FTSE EPRA/NAREIT Global Real Estate Index Series subject to the three screens detailed below.

5.3 Size Rule

- 5.3.1 The size rule of the FTSE EPRA/NAREIT Global Real Estate Index Series is a relative measure that is expressed as a percentage of the regional index market capitalisation (after the application of investability weightings). Companies that currently are not members of the Index Series are required to meet a basis points threshold for inclusion that is higher than the basis points threshold set for exclusion of existing constituents. The aim of these different size thresholds is to provide a degree of stability in the composition of constituents of the FTSE EPRA/NAREIT Global Real Estate Index Series while ensuring that the Index continues to be representative of the market by including or excluding those companies whose market capitalisation has grown or diminished significantly. The size thresholds are expressed in basis points and are highlighted below.

5.4 Additions to the Index Series

At the quarterly review, non-constituents that have an investable market capitalisation (after the application of investability weightings) equal to or greater than the following basis points of their respective regional index will be eligible for index inclusion:

Developed Markets

- | | |
|--------------------|-------|
| a) Asian Stocks | 0.30% |
| b) EMEA Stocks | 0.10% |
| c) Americas Stocks | 0.10% |

Emerging Markets

- | | |
|--------------------|-------|
| a) Asian Stocks | 0.20% |
| b) EMEA Stocks | 0.30% |
| c) Americas Stocks | 0.30% |

AIM Market

- | | |
|---------------|-------|
| a) AIM Stocks | 1.50% |
|---------------|-------|

If a security being considered for addition to the FTSE EPRA/NAREIT Global Real Estate Index Series at the quarterly reviews in March, June, September or December failed the liquidity test at the previous annual review it shall be ineligible for addition until the next annual review.

5.5 Deletions from the Index Series

At the quarterly review, an existing constituent of the FTSE EPRA/NAREIT Global Real Estate Index Series is deleted from the Index Series if it has an investable market capitalisation (after the application of investability weightings) of less than the following basis points in their respective region:

Developed Markets

- | | |
|--------------------|-------|
| a) Asian Stocks | 0.15% |
| b) EMEA Stocks | 0.05% |
| c) Americas Stocks | 0.05% |

Emerging Markets

- | | |
|--------------------|-------|
| a) Asian Stocks | 0.10% |
| b) EMEA Stocks | 0.15% |
| c) Americas Stocks | 0.15% |

AIM Market

- | | |
|---------------|-------|
| a) AIM Stocks | 0.75% |
|---------------|-------|

5.6 Liquidity

5.6.1 FTSE will screen for liquidity on an annual basis in March. Each security will be tested for liquidity by calculation of its median daily trading per month. The median trade is calculated by ranking each daily trade total and selecting the middle ranking day. Daily totals with zero trades are included in the ranking; therefore a security that fails to trade for more than half of the days in a month will have a zero median trade.

- Non-constituent securities which do not turnover at least 0.05% of their shares in issue (after the application of any investability weightings) based on their median daily trade per month in ten of the twelve months prior to a full market review, will not be eligible for inclusion in the Index Series.
- An existing constituent failing to trade at least 0.04% of its shares in issue (after the application of any investability weightings) based on its median daily trade per month for more than four of the twelve months prior to a full market review will be removed.
- New issues which do not have a twelve month trading record must have a minimum three month trading record when reviewed. They must turnover at least 0.05% of their shares in issue (after the application of any investability weightings) based on their median daily trade per month in each month since their listing. This rule will not apply to new issues added under the Fast Entry Rule (see Rule 6.2).

5.6.2 New issues which do not qualify as entrants as defined in Rule 6.3.1 will become eligible for inclusion at the next quarterly review providing they trade a minimum of 20 days. They must turnover at least 0.05% of their shares in issue (after the application of any investability weightings) based on their median daily trade per month in each month since their listing. New issues will have their liquidity assessed on a pro-rata basis.

See *Appendix 10* for Liquidity rules for the FTSE EPRA/NAREIT AIM Index.

5.7 Free Float

5.7.1 The FTSE EPRA/NAREIT Global Real Estate Index Series are adjusted for free float and foreign ownership limits.

a) Free float restrictions include:

- Shares directly owned by State, Regional, Municipal and Local governments (excluding shares held by independently managed pension schemes for governments).
- Shares held by Sovereign Wealth Funds where each holding is 10% or greater. If the holding subsequently decreases below 10%, the shares will remain restricted until the holding falls below 7%.
- Shares held by directors, senior executives and managers of the company, and by their family and direct relations, and by companies with which they are affiliated.
- Shares held within employee share plans.
- Shares held by public companies or by non-listed subsidiaries of public companies.
- Shares held by founders, promoters, former directors, founding venture capital and private equity firms, private companies and individuals (including employees) where the holding is 10% or greater. If the holding subsequently decreases below 10%, the shares will remain restricted until the holding falls below 7%.
- All shares where the holder is subject to a lock-in clause (for the duration of that clause)*.
- Shares held for publicly announced strategic reasons, including shares held by several holders acting in concert.
- Shares that are subject to on-going contractual agreements (such as swaps) where they would ordinarily be treated as restricted.

* Free Float changes resulting from the expiry of a lock-in will be implemented at the next quarterly review subsequent to there being a minimum of 20 business days between the lock-in expiry date and the index review date.

b) For clarity, holdings not considered as restricted free float include:

- Portfolio holdings (such as pension and insurance funds) **
- Nominee holdings (unless they represent restricted free float as defined by Rule 5.7.1a)
- Holdings by investment companies **
- ETFs

** Where any single portfolio holding is 30% or greater it will be regarded as strategic and therefore restricted. The shares will remain restricted until the holding falls below 27%.

If in addition to the above restricted holdings, the company's shareholders are subject to legal restrictions, including foreign ownership restrictions, that are more restrictive, the legal restriction will be applied.

c) Initial weighting

Free float restrictions will be calculated using available published information. For Equity Shares of companies which have been admitted to the Index that have a free float greater than 5%, the actual free float will be rounded up to the next highest whole percentage number. Companies with a free float of 5% or below are not eligible for inclusion in the Index.

d) A security that has a free float greater than 5% but less than or equal to 15% will be eligible for the index providing the security's full market capitalisation (before the application of any investability weight) is greater than USD 2.5bn. The actual free float will be rounded up to the next highest whole percentage number.

e) Changes in free float

The FTSE EPRA/NAREIT Global Real Estate Index Series will be periodically reviewed for changes in free float. These reviews will coincide with the quarterly reviews* undertaken by the FTSE EPRA/NAREIT Regional Index Advisory Committees. Implementation of any changes will happen at the close of business on the third Friday in March, June, September or December.

* In the event that a company is subject to a takeover or merger offer its free float will not be changed until the offer has completed (or lapsed). However, free float may still be changed if it directly reflects a corporate event.

f) Corporate events and actions

If a corporate event includes a corporate action which affects the index, any change in free float will be implemented at the same time as the corporate action. If there is no corporate action, the change in free float will be applied as soon as possible after the corporate event.

g) Percentage point thresholds

Following the application of an initial free float restriction, a constituent's free float will only be changed if its rounded free float moves to more than 3 percentage points above or below the existing rounded free float. Where a company's actual free float moves to above 99%, it will not be subject to the 3 percentage points threshold and will be rounded to 100%.

A constituent with a free float of 15% or below will not be subject to the 3 percentage points threshold.

h) Foreign ownership

Foreign ownership limits, if any, will be applied after calculating the actual free float restriction, as detailed in Rule 5.7.1c. If the foreign ownership limit is more restrictive than the free float restriction, the precise foreign ownership limit is applied.

If the foreign ownership limit is less restrictive or equal to the free float restriction, the free float restriction is applied, subject to Rule 5.7.1c.

See *Appendix 10* for Qualification Criteria & Periodic Review of Constituents of Specialist Indices.

6. Changes to Constituent Companies

6.1 Impact of Changes to Constituents

- 6.1.1 The composition of the universe on which the FTSE EPRA/NAREIT Global Real Estate Index Series is based may change as a result of decisions or events which affect one or more of the constituent securities.

6.2 Fast Entry Level

- 6.2.1 A new issue that has an investable market capitalisation (after the application of any investability weightings) equal to or greater than the following basis points for its respective region will be included in the FTSE EPRA/NAREIT Global Real Estate Index Series after the close of business on the fifth day of trading. Eligibility will be determined using the closing price on the first day of trading. The basis points cut-off will also be taken using the closing price on the first day of trading. In the event of the fifth day of trading being in close proximity to an index review, FTSE may use its discretion to include a fast entrant at the index review date following advance notice.

Developed Markets

a) Asian Stocks	0.40%
b) EMEA Stocks	0.20%
c) Americas Stocks	0.15%

Emerging Markets

a) Asian Stocks	0.40%
b) EMEA Stocks	0.60%
c) Americas Stocks	0.60%

There will be no fast entry rule for the FTSE EPRA/NAREIT AIM Index.

6.3 Additions Outside of a Review

- 6.3.1 A stock will be added to the list of constituents of an existing country outside a review when:
- In the case of a new security, its investable market capitalisation (after the application of any investability weightings) is greater than the Fast Entry Level for the relevant region (see Rule 6.2.1). The addition of a new security to the index will be implemented after the close of business on the fifth day of trading.
 - In the case of a security which does not qualify as an immediate fast entrant to the index, it will be re-considered for inclusion at the subsequent regularly scheduled meeting of the FTSE EPRA/NAREIT Regional Index Advisory Committees.
 - In the case of a demutualisation where upon listing the entire free float of a newly eligible security is immediately transferred to private shareholders the addition of the security will be deferred for one month after trading has commenced - provided that adequate liquidity (as defined under Rule 5.6) is demonstrated to the FTSE EPRA/NAREIT Regional Index Advisory Committee at this time.
 - In the case of a constituent company that is split and forms two or more companies by issuing new equity to existing shareholders, then the resulting companies will be eligible to continue as constituents in the same benchmarks within the FTSE EPRA/NAREIT Global Real Estate Index Series as their predecessor company if they continue to satisfy Rules 5.3 to 5.7.

6.4 In the event that a company is reclassified by ICB into an eligible Subsector due to a corporate restructuring or a review of ICB's classification structure, the company will be considered for inclusion at the next quarterly review provided that a) adequate liquidity (as defined under Rule 5.6.2) is demonstrated at this time, b) official documents regarding the restructuring/conversion have been filed within the respective jurisdictions and c) the company has publicly provided sufficient levels of financial data to establish its level of 'Relevant Real Estate Activities'.

6.5 Deletions

6.5.1 A stock will be deleted from the list of constituents when:

The constituent is delisted from its stock exchange, enters bankruptcy, becomes insolvent or is liquidated.

6.5.2 Deletion on the effective date

If an existing constituent is acquired for cash or ineligible paper or by a non-quoted company in its own or another country, then the existing constituent is deleted on the effective date of the acquisition.

6.5.3 Deletion after confirmation

Constituents will be deleted from the index when confirmation is received that acceptance levels have reached a minimum of 85% and that any new shares of the bidding company (if applicable) are listed (exceptionally, for constituents of the UK index, the qualifying announcement is that the offer has been declared wholly unconditional). A company deleted following a takeover, with a remaining free float of 15% or less, will not be re-considered for index inclusion until completion of a one year trading record.

6.5.4 Deletions reconsidered for inclusion

Constituents which are deleted, but which continue to trade will be considered for re-inclusion in the index at the next review, subject to Rules 5.3 to 5.7 and that at least 6 months has passed between deletion and the proposed implementation date of the country review.

6.6 Mergers and Take-overs

6.6.1 Mergers between constituents

If an existing constituent is acquired for eligible shares (or a combination of eligible shares and cash) by another constituent, then the existing constituent is deleted on the effective date of the acquisition. The enlarged company remains a constituent of the same benchmarks within the FTSE EPRA/NAREIT Global Real Estate Index Series as the acquiring company.

6.6.2 Mergers between a constituent and non-constituent

If an existing constituent is acquired for eligible shares (or a combination of eligible shares and cash) by a quoted non-constituent, then the purchasing company is added to the same benchmarks within the FTSE EPRA/NAREIT Global Real Estate Index Series as the acquired company on the effective date of the acquisition, if eligible in all other respects. The existing constituent is deleted on the same date.

6.7 Spin-offs

6.7.1 In the event that a company included in the FTSE EPRA/NAREIT Global Real Estate Index Series is split, the securities resulting from the split, including the original security where appropriate, will continue to be included in the relevant indices should they both meet the criteria under Section 4. If the total post-market capitalisation of the stocks resulting from the split differs from the pre-market capitalisation of the original stock, the divisor of the index is adjusted. If the securities resulting from the split do not meet the criteria under Section 4, they will be removed from the index.

6.8 Suspension of Dealing

6.8.1 If a constituent is suspended on its own home exchange it may remain in the Index Series, at the price at which it is suspended, for up to 20 business days. During this time EPRA, NAREIT and FTSE may delete the constituent immediately at zero value in cases where it is expected that the constituent will not commence trading.

6.8.2 Where a suspension of a constituent lasts beyond noon on the twentieth business day (and the option to remove the constituent has not been exercised), the constituent will normally be deleted from the indices on the twenty-first trading day at zero value. Where suspension is for a reason not to the detriment of the constituent and its suspension is expected to be short-term, it may be retained at its suspension price.

6.8.3 A company, whose suspension is lifted after it has been removed from an index, will be reviewed for index eligibility at the next quarterly review.

See *Appendix 10* for Changes to Constituents of Speciality Indices.

7. Management Responsibilities

7.1 The management of FTSE acts as the compiler of the FTSE EPRA/NAREIT Global Real Estate Index Series. The FTSE EPRA/NAREIT Global Real Estate Index Series Supervisory Committee and Advisory Committees act as advisory bodies for the compiler when changing these rules.

7.2 FTSE EPRA/NAREIT Supervisory Committee

7.2.1 The FTSE EPRA/NAREIT Global Real Estate Index Supervisory Committee has been established to oversee a consistent approach to the global development of the FTSE EPRA/NAREIT Index Series.

7.2.2 The FTSE EPRA NAREIT Global Real Estate Index Supervisory Committee consists of:

- global real estate representatives,
- the three chairmen of the regional committees,
- a senior representative of FTSE, EPRA and NAREIT.

7.2.3 A Secretary is appointed to support the work of the FTSE EPRA/NAREIT Global Real Estate Index Supervisory Committee. The Secretary will maintain a record of all decisions made by the Committee and prepare agendas, papers and minutes for meetings of the Committee.

7.2.4 The Supervisory Committee will meet semi-annually, and will consist of the three regional committee Chairmen, two global practitioners, and representatives from FTSE, EPRA and NAREIT. The quorum for meetings of the Committee is three members.

7.2.5 The Secretary will convene a special meeting of the appropriate Committee whenever required by the Ground Rules to consider constituent changes to be made between meetings. The Secretary will also convene a special meeting of the relevant Committee at the request of the Chairman or at the request of two or more members of the Committee.

7.2.6 The duties of the Supervisory Committee are:

- To review the appropriateness of the Ground Rules and agree to any changes or exceptions to the Ground Rules.
- To consider changes in global real estate development and the impact on the index series.

7.3 Advisory Committees

7.3.1 Three FTSE EPRA/NAREIT regional committees – Americas, Europe/Middle East/Africa and Asia Pacific, undertake the regular and periodic regional reviews of the indices in accordance with the Ground Rules.

- The FTSE EPRA/NAREIT Asia Index Advisory Committee
- The FTSE EPRA/NAREIT EMEA Index Advisory Committee
- The FTSE EPRA/NAREIT Americas Advisory Committee

7.4 FTSE is responsible for the day-to-day management of the FTSE EPRA/NAREIT Global Real Estate Index Series and for decisions regarding the interpretation of these ground rules.

7.5 These rules may be supplemented, amended in whole or in part, revised or withdrawn at any time. Supplements, amendments, revisions and withdrawals may also lead to changes in the way the index is compiled or calculated or affect the FTSE EPRA/NAREIT Global Real Estate Index Series in another way. The compiler of the FTSE EPRA/NAREIT Global Real Estate Index Series will submit all decisions regarding supplementing, amending, revising or withdrawing these rules for prior advice to the FTSE EPRA/NAREIT Global Real Estate Index Series Advisory Committees. All decisions will be published immediately. A period of at least three months should pass between the date a proposed change is published and the date this comes into effect, unless the change is not in conflict with the interests of an affected party. No liability can be accepted for any losses resulting from supplementing, amending, revising or withdrawing the Rules for the FTSE EPRA/NAREIT Global Real Estate Index Series.

7.6 The compiler of the FTSE EPRA/NAREIT Global Real Estate Index Series will do everything within its power to ensure the accuracy of the composition, calculation, publication and adjustment of the FTSE EPRA/NAREIT Global Real Estate Index Series in accordance with relevant rules. However, the compiler of the FTSE EPRA/NAREIT Global Real Estate Index Series and the FTSE EPRA/NAREIT Global Real Estate Index Series Advisory Committees cannot accept any liability for any inaccuracy in share prices, calculations and the publication of the index, the information used for making adjustments to the index and the actual adjustments.

7.7 The compiler of the FTSE EPRA/NAREIT Global Real Estate Index Series will submit all operational adjustments, which are not specifically covered in the rules, to the respective EPRA/NAREIT Regional Index Committee for approval.

7.8 Appeals Against Decisions of the Committees

7.8.1 A constituent or prospective constituent company (or broker or advisor acting on behalf of the company) may appeal against the decisions of the FTSE EPRA/NAREIT Committees on the following grounds:

- a) The Committees acted outside of the Ground Rules for the Management of the FTSE EPRA/NAREIT Global Real Estate Index Series; or
- b) The Committees, when reaching their decision, failed to take into consideration a substantial and material fact.
- c) A substantial and material fact is defined as a fact that would have influenced the decision of the Committees if it had been considered.

7.8.2 A request for an appeal must be made in writing to the Secretariat of the FTSE EPRA NAREIT Committees and must be received within one month of the application of the event giving rise to the appeal.

7.8.3 An appeal against a decision by the FTSE EPRA/NAREIT EMEA/Americas/Asia Pacific Regional Committee will be heard by the FTSE EPRA/NAREIT Global Real Estate Index Supervisory Committee. The decision of the Global Supervisory Committee will be final.

7.9 Appeals Process

7.9.1 The Chairman of the regional committee whose decision the appeal is being made against will not vote on the appeal.

7.9.2 Company to request an appeal in writing to the secretariat of the Global Supervisory Committee within six months of the event giving rise to the appeal.

7.9.3 Letter to provide detail on the reasons for the appeal.

7.9.4 Secretariat to circulate the letter to the Global Supervisory Committee members, together with information that was considered by the regional committee at the time of the decision.

7.9.5 Secretariat to arrange a meeting or conference call of the Global Supervisory Committee members and invite the company representatives. Meeting on a best endeavours basis to be arranged within one month of receipt of appeal.

7.9.6 Global Supervisory Committee to hear separate representations from the company and the regional committee.

7.9.7 The decision of the Global Supervisory Committee will be sent in writing to the appellant, within one week after the appeal. No further appeal will be allowed by either side.

7.10 Error Correction Policy

7.10.1 The objective is to maintain the FTSE EPRA/NAREIT Global Real Estate Index Series to the highest standards of accuracy and integrity, using reliable data sources and following best practice in statistical and operational procedures.

7.10.2 Where material errors occur in data or in calculation procedures, these are corrected promptly and users of the FTSE EPRA/NAREIT Global Real Estate Index Series are notified through appropriate media. However, FTSE and the FTSE EPRA/NAREIT Global Index Advisory Committees are conscious of the risk of damaging the confidence of users through the frequent publication of amendments where trivial statistical errors have occurred that do not materially affect the accuracy of the published Index Series.

7.11 Re-calculations

7.11.1 The FTSE EPRA/NAREIT Global Real Estate Index Series are recalculated whenever errors or distortions occur that are deemed to be significant. Users of the Index Series are notified through appropriate media.

7.12 Status of These Ground Rules

7.12.1 These Ground Rules set out the methodology and provide information about the publication of the FTSE EPRA/NAREIT Global Real Estate Index Series.

7.12.2 Investors who choose to follow this index or to buy products that claim to follow this index should assess the merits of the index's rules-based methodology and take independent investment advice before investing their own or client funds. No liability whether as a result of negligence or otherwise is accepted by FTSE or any members of the FTSE EPRA/NAREIT Global Index Advisory Committee (or any person concerned with the preparation or publication of these Ground Rules) for any losses, damages, claims and expenses suffered by any person as a result of:

- any reliance on these Ground Rules, and/or
- any errors or inaccuracies in these Ground Rules, and/or
- any non-application or misapplication of the policies or procedures described in these Ground Rules, and/or
- any errors or inaccuracies in the compilation or any constituent data in the Index.

Appendices

Appendix 1

Classification of Eligible Markets

In principle, companies are allocated to the country in which the company is incorporated and listed at the time of the company's listing.

FTSE EPRA/NAREIT Global Real Estate Index Series

Region	Country	Developed	Emerging
Americas	Brazil		X
	Canada	X	
	Chile		X
	Columbia		X
	Mexico		X
	Peru		X
	United States	X	

Region	Country	Developed	Emerging
Asia Pacific	Australia	X	
	China		X
	Hong Kong	X	
	India		X
	Indonesia		X
	Japan	X	
	Malaysia		X
	New Zealand	X	
	Pakistan		X
	Philippines		X
	Singapore	X	
	South Korea	X*	
	Taiwan		X
	Thailand		X

Region	Country	Developed	Emerging
Europe, Middle East & Africa	Austria	X	
	Belgium/Luxembourg	X	
	Czech Republic		X
	Denmark	X	
	Egypt		X
	Finland	X	
	France	X	
	Germany	X	
	Greece	X	
	Hungary		X
	Ireland	X	
	Israel	X**	
	Italy	X	
	Morocco		X
	Netherlands	X	
	Norway	X	
	Poland (Dec 08)		X
	Portugal	X	
	Russia		X
	South Africa		X
	Spain	X	
	Sweden	X	
	Switzerland	X	
	Turkey		X
UAE***		X	
United Kingdom	X		

* South Korea eligible for inclusion in Developed indices from September 2009.

** Israel became eligible for inclusion in Developed indices from March 2009.

***UAE became eligible for inclusion in Emerging indices from September 2010.

Argentina became ineligible for inclusion in FTSE EPRA/NAREIT Global Real Estate Index Series from September 2010.

Appendix 2

Index Breakdown

The flagship index for the family is the FTSE EPRA/NAREIT Global Index¹. Indices marked with ² were renamed to include Developed in March 2009. The regions breakdown as follows:

Global

The FTSE EPRA/NAREIT Global Real Estate Index Series includes:

- Global Index¹
- Global ex US Index¹

Americas

The FTSE EPRA/NAREIT Americas Series includes:

- Americas¹ *
- North America *
- Canada
- United States *
- Emerging Americas *
- Brazil
- Colombia
- Mexico
- Peru

Asia

The FTSE EPRA/NAREIT Asian Series includes:

- Asia Pacific¹ *
- Developed Asia^{2*}
- Australia *
- Japan *
- Singapore
- Hong Kong *
- New Zealand
- South Korea
- Emerging Asia *
- China
- Indonesia
- Philippines
- Pakistan
- Taiwan
- Thailand

EMEA

The FTSE EPRA/NAREIT EMEA Series includes:

- EMEA¹
- Developed Europe² *
- Developed Middle East & Africa
- Developed Europe ex UK² *
- Developed EMEA
- Eurozone *
- Belgium/Luxembourg
- Austria
- Finland
- Denmark
- Germany
- France
- Ireland
- Greece
- Italy
- Israel¹

- Netherlands
- Portugal
- Sweden
- UK *
- Norway
- Spain
- Switzerland

- Emerging Europe, Middle East & Africa *
- Emerging Middle East & Africa *
- Czech Republic
- Hungary
- Poland
- South Africa
- UAE
- Emerging Europe *
- Egypt
- Morocco
- Russia
- Turkey

Specialist

The FTSE EPRA/NAREIT Specialist Series includes:

- Investment Focus
 - a) Developed²
 - b) Developed Asia²
 - c) Developed Europe²
 - d) North America
 - e) Australia
 - f) Hong Kong
 - g) Japan
 - h) UK
 - i) United States
- Property Sector
 - a) Developed²
 - b) Developed Asia²
 - c) Developed Europe²
 - d) Eurozone
 - e) North America
 - f) UK
 - g) United States
 - h) Emerging (launched in May 2011)
- Developed Europe (UK restricted)² *
- Developed Europe Liquid 40 ex UK²
- Pure Australia²
- Global Non-REIT
- Global ex US Non-REIT
- Americas Non-REIT
- Asia Pacific Non-REIT
- EMEA Non-REIT
- Europe Non-REIT
- MEA Non-REIT
- Developed Non-REIT²
- Developed ex Asia Non-REIT²
- Developed ex Europe Non-REIT²
- Developed ex US Non-REIT²
- Developed Asia Non-REIT²
- Developed Europe Non-REIT^{2*}
- Emerging Non-REIT
- Emerging Asia Pacific Non-REIT
- Emerging EMEA Non-REIT
- Emerging Europe Non-REIT
- Emerging MEA Non-REIT
- UK REIT
- Developed Europe Liquid 40²
- Pure Developed Asia²
- Global REIT
- Global ex US REIT
- Americas REIT
- Asia Pacific REIT
- EMEA REIT
- Europe REIT
- MEA REIT
- Developed REIT²
- Developed ex Asia REIT²
- Developed ex Europe REIT²
- Developed ex US REIT²
- Developed Asia REIT²
- Developed Europe REIT^{2*}
- AIM REITs
- Emerging REIT
- Emerging Americas Non-REIT
- Emerging EMEA REIT
- Emerging Europe REIT
- Emerging MEA REIT
- UK Non-REIT

- Developed Dividend+^{2*}
- Developed Asia Dividend+^{2*}
- Developed Asia 33^{2*}
- Developed Europe ex UK Dividend+^{2*}
- US Dividend+ *
- Super Liquid
 - a) Developed Super Liquid
 - b) Developed Europe Super Liquid
 - c) Developed Asia Super Liquid
 - d) North America Super Liquid

Capped Indices

To serve investors, capped versions of certain indices are calculated, with a weighting cap placed on individual constituents at each review:

- FTSE EPRA/NAREIT Eurozone Capped Index*
- FTSE EPRA/NAREIT Developed Europe Capped Index^{2*}
- FTSE EPRA/NAREIT Developed Europe ex UK Capped Index^{2*}
- FTSE EPRA/NAREIT Developed Europe Liquid 40 Capped Index²
- FTSE EPRA/NAREIT Developed Europe ex UK Liquid 40 Capped Index²

Please see *Appendix 8* for details of the capping methodology.

The FTSE EPRA/NAREIT Global Real Estate Indices which are calculated in real time are marked with an asterisk (*). All other indices are calculated on an end of day basis.

Appendix 3

Dividends used in the Total Return Calculation and Dividend Withholding Tax Rates

Dividends, using their ex-dividend dates, are used to calculate the Total Return Indices in the FTSE EPRA/NAREIT Global Real Estate Index Series. All dividends are applied as declared.

A series of net of tax Total Return Indices are also calculated based on the maximum withholding tax rates applicable to dividends received by institutional investors who are not resident in the same country* as the remitting company and who do not benefit from double taxation treaties.

The underlying tax rate information is available from FTSE.

* The FTSE nationality assigned to the company as set out in Rule 3.1 in the FTSE Global Equity Index Series Ground Rules.

Appendix 4

Closing Prices Used in the Index Calculation

All exchange closing prices are sourced from Reuters.

All times detailed are local except where otherwise stated.

Americas

Country	Price Used
Brazil	Sao Paulo Stock Exchange (BOVESPA) - Official Closing Price (Auction)
Canada	Toronto Stock Exchange (TSX) - Official Closing Price (Market on Close)
Chile	Santiago Stock Exchange - Last Trade Price
Colombia	Bolsa De Valores De Colombia - Last Trade Price
Mexico	Bolsa Mexicana De Valores (BMV) - Official Closing Price (VWAP)
Peru	Bolsa De Valores De Lima (BVL) - Last Trade Price
United States	NYSE, NYSE Amex and NASDAQ - Prices are downloaded from Reuters at 21:20hrs (UK Time). NYSE (New York Stock Exchange) - Official Closing Price (Auction) NYSE Amex (NYSE Amex Equities) - Official Closing Price (Auction) NASDAQ National Market System - Official Closing Price (Closing Cross) As the New York Stock Exchange, NYSE Amex Equities and NASDAQ do not release their official closing prices until later, the price used in the index may not match this official close. If the downloaded price is subsequently cancelled, the cancelled price is retained in the index calculation.

Asia Pacific

Country	Price Used
Australia	Australian Securities Exchange - Official Closing Price (Auction)
China	Shanghai Stock Exchange - Official Closing Price (VWAP) Shenzhen Stock Exchange - Official Closing Price (VWAP)
Hong Kong	HKEx (Hong Kong Stock Exchange) - Official Closing Price (Median Price)
India	National Stock Exchange of India - Official Closing Price (VWAP) Existing constituents without a National Stock Exchange of India quote will continue to be priced from the Bombay Stock Exchange (Mumbai) - Official Closing Price (WAP).
Indonesia	Indonesia Stock Exchange (IDX) - Official Closing Price (Auction)
Japan	Tokyo Stock Exchange - Official Closing Price (Auction) Osaka Securities Exchange - Official Closing Price (Auction)
Korea	Korea Exchange - Official Closing Price (Auction) KOSDAQ - Official Closing Price (Auction)
Malaysia	Bursa Malaysia - Official Closing Price (Auction)
New Zealand	NZX (New Zealand Stock Exchange) - Official Closing Price (Auction)
Pakistan	Karachi Stock Exchange Ltd - Last Trade Price
Philippines	Philippine Stock Exchange - Official Closing Price (Auction)
Singapore	Singapore Exchange - Official Closing Price (Auction)
Taiwan	Taiwan Stock Exchange (TSEC) - Official Closing Price (Auction)
Thailand	Stock Exchange of Thailand - Official Closing Price (Auction)

Europe, Middle East and Africa

Country	Price Used
Austria	Wiener Boerse AG - Official Closing Price (Auction)
Belgium/Luxembourg	NYSE Euronext - Official Closing Price (Auction)
Czech Republic	Prague Stock Exchange (PSX) - Official Closing Price (Auction)
Denmark	The Copenhagen Stock Exchange (OMX Exchange) - Official Closing Price (Auction)
Egypt	Cairo and Alexandria Stock Exchange - Official Closing Price (VWAP)
Finland	OMX Helsinki (OMX Exchange) - Official Closing Price (Auction)
France	NYSE Euronext - Official Closing Price (Auction)
Germany	Deutsche Borse (XETRA) - Official Closing Price (Auction)
Greece	Athens Exchange SE - Official Closing Price (Auction)
Hungary	Budapest Stock Exchange - Last Trade Price
Ireland	Irish Stock Exchange - Official Closing Price (Auction)
Italy	Borsa Italiana SpA - Closing Price (Auction)
Israel	Tel Aviv Stock Exchange - Official Closing Price (Auction)
Morocco	Casablanca Stock Exchange - Last Trade Price
Netherlands	NYSE Euronext - Official Closing Price (Auction)
Norway	Oslo Bors ASA - Official Closing Price (Auction)
Poland	Warsaw Stock Exchange - Official Closing Price (Auction)
Portugal	NYSE Euronext - Official Closing Price (Auction)
Russia	Moscow Exchange MICEX-RTS - Last Trade Price
South Africa	JSE - Official Closing Price (VWAP)
Spain	Latibex - Official Closing Price (Auction) Bolsa de Madrid - Official Closing Price (Auction)
Sweden	Stockholm Stock Exchange (OMX Exchange) - Official Closing Price (Auction)
Switzerland	SWX Swiss Exchange - Official Closing Price (Auction) Virt-X Exchange - Official Closing Price (Auction)
Turkey	Istanbul Stock Exchange - Official Closing Price (Auction)
UAE	NASDAQ Dubai Stock Exchange - Last Trade Price Abu Dhabi Securities Exchange - Official Closing Price (Auction) Dubai Financial Market - Last Trade Price
United Kingdom	London Stock Exchange - Official Closing Price (Auction)

Every effort is made by FTSE to ensure that the information contained in this *Appendix 4* is accurate. However, owing to the frequent changes in the close times, types of world stock exchanges, no responsibility or liability can be accepted by FTSE for any errors in this information. Please contact FTSE if you have a query regarding this information.

Appendix 5 **Foreign Exchange Rates**

The foreign exchange rates used in the calculation of the FTSE EPRA/NAREIT Global Real Estate Index Series are the WM/Reuters Closing Spot Rates compiled by The WM Company. The service, which was World in consultation with leading financial market practitioners, sets a daily standard for the foreign exchange rates required for index calculation, investment management and portfolio valuation.

At short intervals before and after 16:00 hrs London time, representative bid and offer rates against the US dollar for some 112 currencies are selected from a wide range of contributing banks and foreign exchange dealers. Anomalous data are screened out, and the median rate is selected for each currency.

The choice of 16:00 hrs London time as the reference time for foreign exchange rates captures a large selection of timely quotes from Continental European contributors to the Reuters system and reflects the peak trading period for the London and New York foreign exchange markets. The rates include contributions on a global basis, making them relevant for valuation purposes in all the world's time zones. In the event that WM/Reuters Closing Spot Rates are not published by the WM Company, the previous day's rates will be used to calculate the FTSE EPRA/NAREIT Global Real Estate Index Series.

The FTSE EPRA/NAREIT Developed Asia 33 Index uses foreign exchange rates received from Reuters at the closing time of the index (09:00 hrs, London time).

Further information on The WM/Reuters Closing Spot Rates™ service is available from The WM Company, World Markets House, Crewe Toll, Edinburgh, EH4 2PY. Tel: + 44 (0) 131 315 2000.

Appendix 6 Calculation Schedules

A. Normal schedule

The Index Series are calculated once daily at approximately 21:30 - 22:00 London time, (GMT) shortly after the close of North American securities markets. Selected indices within the series are calculated on a real time basis.

The Index Series are calculated every week day; when one or more of the constituent markets are open. However, on January 1st, the indices may not be disseminated. There is no separate calculation to accommodate the Saturday opening of any market.

Index	Open	Close
Global Index*	00:00	21:10
Developed Index**	00:00	21:10
Emerging Index	00:00	21:10
Global ex US Index*	00:00	21:10
Developed ex US Index**	00:00	21:10
Developed Dividend+ Index**	00:00	21:10
Developed ex Middle East and Africa Index	00:00	21:10
Asia Pacific Index*	00:00	10:00
Developed Asia Index**	00:00	09:00
Developed Asia Dividend+ Index**	00:00	09:00
Developed Asia 33 Index**	00:00	09:00
Emerging Asia Pacific Index	00:00	10:00
Australia Index	00:00	07:15
Hong Kong Index	02:00	08:00
Japan Index	00:00	06:40
Americas Index*	13:00	21:10
North America Index	14:30	21:10
Emerging Americas	13:00	21:10
US Index	14:30	21:10
US Dividend+ Index	14:30	21:10
EMEA Index*	07:00	16:30
Developed EMEA*/**	07:45	16:30
Emerging EMEA	07:00	16:00
Europe Index*	08:00	16:30
Developed Europe Index **	08:00	16:30
Developed Europe Capped Index**	08:00	16:30
Developed Europe (UK Restricted) Index**	08:00	16:30
Developed Europe REITs Index**	08:00	16:30
Developed Europe Non-REITs Index**	08:00	16:30
Developed Europe ex UK Index**	08:00	16:30
Developed Europe ex UK Capped Index**	08:00	16:30
Developed Europe ex UK Dividend+ Index**	08:00	16:30
Eurozone Index	08:00	16:30
Eurozone Capped Index	08:00	16:30
Emerging Europe Index	08:00	16:00
Middle East and Africa Index**	07:00	15:40
Emerging Middle East and Africa Index	07:00	15:40
UK Index	08:00	16:30

Notes:

- 1) Times are in UK hours.
- 2) During real-time calculations, Reuters Spot rates are used in calculating Foreign Exchange rates.
- * Indices launch in March 2009.
- ** Indices are renamed from Global to Developed or have Developed included in the region in March 2009.

Appendix 7

Eligible Markets and Sources of Trading

Americas

Country	Exchange Location	Market Section(s)
Brazil	São Paulo Rio de Janeiro	Official List Official List
Canada	Toronto	Official List
Chile	Santiago	Official Market
Colombia	Bogota & Medellin	Official Market
Mexico	Mexico City	Capital Market
Peru	Lima	Official Market
United States of America (the United States)	New York	NYSE AMEX NASDAQ National Market System New York Stock Exchange

Asia Pacific

Country	Exchange Location	Market Section(s)
Australia	Sydney	Australian Stock Exchange (ASX) Main Board
China	Shanghai Shenzhen	Main Board Main Board
Hong Kong Special Administrative Region of the People's Republic of China (Hong Kong)	Hong Kong	Total Main Market
India	Mumbai	Official Market National Stock Exchange
Indonesia	Jakarta	Main Board
Japan	Tokyo Osaka	First Section Second Section First Section
Malaysia	Kuala Lumpur	Main Board Second Board
New Zealand	Wellington	New Zealand Stock Exchange (NZSE) Main Board
Pakistan	Karachi	Official Market
Philippines	Manila	Main Board
Singapore (the Republic of Singapore)	Singapore	Main Board SESDAQ
South Korea (the Republic of Korea)	Seoul	Official Market KOSDAQ
Taiwan	Taipei	Official Market OTC Market
Thailand	Bangkok	Main Board Foreign board

Europe, Middle East and Africa

Country	Exchange Location	Market Section(s)
Austria (the Republic of) (Austria)	Vienna	Official Market (Malice Notierung)
Belgium/Luxembourg	Brussels	First Market (Premier Marché)
	Luxembourg	Official Stock Exchange (Marché officiel de la Bourse de Luxembourg)
Czech Republic	Prague	Main Market
		Secondary Market
Denmark (the Kingdom of Denmark)	Copenhagen	Official List
Egypt	Cairo	Main Market
Finland	Helsinki	Main List
France (the French Republic)	Paris (Le Marché National)	First Market (Premier Marché)
Germany (the Federal Republic of Germany)	Deutsche Börse (all exchanges)	Official Market (Amtlicher Handel)
		Regulated Market (Geregelter Markt)
Greece (the Hellenic Republic)	Athens	Main Market
		Parallel Market
Hungary	Budapest	Official Market
Ireland	Dublin	Full List
Israel	Tel Aviv	Official Market
Italy (the Italian Republic)	Milan	Official List (Listino della Borsa)
Morocco	Casablanca	Official Market
Netherlands	Amsterdam	Official Market
Norway	Oslo	Main List
Poland	Warsaw	Official Market
Portugal (the Portuguese Republic)	Lisbon	Market with Official Quotations
Russia	Moscow	Moscow Exchange MICEX-RTS
South Africa	Johannesburg	JSE
Spain (the Kingdom of Spain)	Madrid	First Market (Primer Mercado)
Sweden	Stockholm	A-list O-list
Switzerland (the Swiss Confederation)	Swiss Exchange	Main Market
Turkey	Istanbul	Official Market
UAE (the United Arab Emirates)	Dubai	NASDAQ Dubai Stock Exchange
		Abu Dhabi Securities Exchange
		Dubai Financial Market
United Kingdom (of Great Britain and Northern Ireland, the) & Channel Islands	London	Official List

Every effort is made by FTSE to ensure that the information contained in this *Appendix 7* is accurate. However no responsibility or liability can be accepted by FTSE for any errors in this information. Please contact FTSE if you have a query regarding this information.

Appendix 8

Capping Methodology for the Capped Indices (see Appendix 2)

Capping is applied to the constituents of an Index by the following methodology:

The constituents in the index are ranked by investible market capitalisation and the weight for each constituent in the Index is determined.

STAGE 1

Any constituents whose weights are greater than 10% are capped at 10%. The weights of all lower ranking constituents are increased correspondingly. The weights of lower ranking constituents are then checked and if they exceed 10% they are also capped at 10%. This process is repeated until no constituent weight exceeds 10%.

STAGE 2

Following the application of Stage 1, if the total index weight of those constituents whose individual weights exceed 5% is greater than 40% in aggregate, the procedure moves onto Stage 3 below. Otherwise no further action is required.

STAGE 3

- a) If more than one stock is capped at 10%, then weights of all subsequent constituents previously capped at 10% are changed in accordance with the rules detailed below. For example, if the second largest stock is capped at 10% its weight will be reduced to 9% as given in b) below. The process is then continued from the relevant point in the steps below. Thus, if it is necessary to apply the provisions of Stage 3, only one constituent will have a 10% weight in the index.
- b) If the weight of the second largest constituent is greater than 9% the constituent's weight is capped at 9% and the weights of the lower ranking constituents are increased correspondingly. Following this procedure if the total index weight of those constituents whose individual weights exceed 5%, is greater than 40% the procedure moves onto the next stage below.
- c) If the weight of the third largest constituent is greater than 8% the constituent's weight is capped at 8% and the weights of the lower ranking constituents are increased correspondingly. Following this procedure if the total index weight of those constituents whose individual weights exceed 5%, is greater than 40% the procedure moves onto the next stage below.
- d) If the weight of the fourth largest constituent is greater than 7% the constituent's weight is capped at 7% and the weights of the lower ranking constituents are increased correspondingly. Following this procedure if the total index weight of those constituents whose individual weights exceed 5%, is greater than 40% the procedure moves onto the next stage below.
- e) If the weight of the fifth largest constituent is greater than 6% the constituent's weight is capped at 6% and the weights of the lower ranking constituents are increased correspondingly. Following these procedures if the total index weight of those constituents whose individual weights exceed 5%, is greater than 40% the procedure moves onto the next stage below.
- f) If the weights of the sixth largest constituent and any lower ranking constituents are greater than 4% those constituents' weights are capped at 4% and the weights of lower ranking constituents are increased correspondingly.

STAGE 4

Following the application of Stage 3, the weights of each constituent are checked. If the total index weight of those constituents whose individual weights exceed 5% is greater than 40% in aggregate, then further capping is required. Firstly if the largest constituents weight has risen above 10% the weight is again capped at 10% and the weights of other constituents are adjusted accordingly. Then Stage 3 is repeated.

Appendix 9
EBITDA Screening

REESA Approved Financial Statements Model (September 2007)

EBITDA Screening
Property Operations Income and Expense:
Gross rental revenue
Interest on finance leases
Service cost reimbursements from tenants
Reimbursable service costs
Property operating expenses
Ground rent expense
Share of net property income from unconsolidated affiliates, (Note A)
Net Property Income (NPI), (Note B)
Other Operating Income and Expense (OOIE):
Gains/losses on sales of properties World/acquired for sale, (Note C)
Other operating revenue, including third party fees, (Note D)
Other operating expenses, (Note E)
G&A
Dividend income
Share of OOIE of unconsolidated affiliates, (Note A)
Total Other Operating Income and Expense
Income From Operations before Finance Costs and Taxes (EBITDA)

Note A – The model accommodates the possibility that the proportionate method of consolidation may not be available in the future under IFRS. If this is indeed the case, to report a consolidated measurement of the important industry metrics, Net Property Income and Income from Operations, the model statement reports the company's share of these same metrics generated by unconsolidated affiliates in the appropriate sections of the statement.

If the proportionate share method of consolidation is available, the individual line items will reflect the proportionate share of results of unconsolidated affiliates for those that qualify for the proportionate method of consolidation.

In addition, for significant unconsolidated affiliates that may not be reported under the proportionate share method of consolidation, the model allows the share of these significant affiliates to be reported in the appropriate sections of the statement, at management's discretion.

Note B – Reporting Net Property Income would be optional.

Note C – Where gains/losses on the sales of properties acquired for sale are significant, the statement should report sales proceeds and cost of sales separately on the face of the statement. An example of this type of gain/ loss would result from significant merchant building sales.

Note D – Examples would include third party management, development and leasing fees.

Note E – This would include operating expenses not directly associated with operating properties.

Appendix 10

Eligibility, Qualification Criteria, Periodic Review and Changes to Constituent Companies of Specialist Indices

Eligible securities for Specialist Indices

- I.** In addition to the regional and country indices, FTSE has expanded the EPRA/NAREIT series to include new and innovative benchmarks. These indices and their qualification criteria are listed below.
- II. FTSE EPRA/NAREIT Pure Developed Asia and FTSE EPRA/NAREIT Pure Australia Indices**
 - I. The underlying universe is the FTSE EPRA/NAREIT Global Real Estate Series.
 - II. The FTSE EPRA/NAREIT Pure Developed Asia Index contains Asian companies who have derived, in the previous full financial year, at least 60% of its EBITDA from relevant real estate activities in Asia. The FTSE EPRA/NAREIT Pure Australia Index contains Australian companies that are included in the FTSE EPRA/NAREIT Pure Developed Asia Index.
- III. FTSE EPRA/NAREIT Developed Europe Liquid 40 and FTSE EPRA/NAREIT Developed Europe Liquid 40 ex UK Indices**
 - I. The underlying universe for the FTSE EPRA/NAREIT Developed Europe Liquid 40 Index and the FTSE EPRA/NAREIT Developed Europe Liquid 40 ex UK Index is the FTSE EPRA/NAREIT Developed Europe Index. The rules for these two indices are identical to the standard rules of the FTSE EPRA/NAREIT Global Real Estate Index Series. Both indices consist of the 40 stocks with the highest volume traded and/or market capitalisation within the FTSE EPRA/NAREIT Developed Europe Index.
- IV. FTSE EPRA/NAREIT Developed Europe (UK Restricted) Index**
 - I. The FTSE EPRA/NAREIT Developed Europe (UK Restricted) Index is derived from the FTSE EPRA/NAREIT Developed Europe Index. The weight of the UK companies is adjusted, according to the UK's GDP compared against Europe's GDP. This ratio is applied to the market capitalisation of the UK companies in the index. The calculation and composition is identical to the FTSE EPRA/NAREIT Developed Europe Index and, as a result, it has the same constituents. Further details on the ratio can be found in *Appendix 10.XII.IV*.
- V. FTSE EPRA/NAREIT Global/Developed/Emerging REIT & Non-REIT Indices**
 - I. The rules for this index series are identical to the standard rules of the FTSE EPRA/NAREIT Global Real Estate Index Series. Using the same data as the FTSE EPRA/NAREIT Asia-Pacific, EMEA and Americans Committees, FTSE will make the following selection to determine the stocks that will make up the FTSE EPRA/NAREIT Developed REIT & Non-REIT Index Series after the current review:
 - II. FTSE EPRA/NAREIT REIT Index Series:
 - a) Recognised REIT legislation must be in operation in the country in which the constituent is domiciled.
 - b) The FTSE EPRA/NAREIT REIT Index consists of all constituents qualifying for REIT status in their country of domicile according to their latest published annual accounts.
 - III. FTSE EPRA/NAREIT Non-REIT Index series:
 - a) Recognised REIT legislation does not exist in the country in which the constituent is domiciled.

- b) The FTSE EPRA/NAREIT Non-REIT Index consists of all constituents that do not qualify for REIT status according to their latest published annual accounts, or the constituent makes a formal announcement that it fails to comply with REIT legislation in its country of domicile.

VI. FTSE EPRA/NAREIT Investment Focus Index Series

- I. An Investment Focus Index Series has been introduced to enhance the existing FTSE EPRA/NAREIT Global Real Estate Index Series and broaden the market approach to the industry. The idea behind the Investment Focus Index Series is to distinguish the cohorts of listed real estate equities. Each constituent of the FTSE EPRA/NAREIT Developed Real Estate Index Series will be classified as Rental or Non-Rental. The annual classification by Investment Focus will be based on revenue sources as disclosed in the latest published financial statements. The Investment Focus classification is implemented during the first following quarterly review as follows:
 - II. A company will be classified as Rental if the revenue from properties is greater than or equal to 70% of the total revenue.
 - III. A company will be classified as Non-Rental if the revenue from properties is less than 70% of the total revenue.

VII. FTSE EPRA/NAREIT Developed and Emerging Property Sector Index Series

- I. The underlying universe for the Property Sector Index Series is the FTSE EPRA/NAREIT Developed Real Estate Index and the FTSE EPRA/NAREIT Emerging Real Estate Index. The idea behind the Property Sectors Index Series is to distinguish the cohorts of listed real estate equities by separating the existing constituents into ten distinct Property Sectors based on gross invested book assets. The purpose is to provide investors with a mechanism to manage their exposure to different risk-reward profiles in relation to the different aspects of the real estate business, including office buildings, retail centres, industrial facilities, lodging/resorts, residential buildings and other types of properties.
- II. The classification by Property Sector will be based on the gross invested book assets as disclosed in the latest published financial statement. Each constituent of the FTSE EPRA/NAREIT Developed Real Estate Index and the FTSE EPRA/NAREIT Emerging Real Estate Index will be classified in one of the Property Sectors listed below:
- III. A company is classified in one of the following Property Sectors:
 - a) Health Care
Real estate investment trusts or corporations (REITs) or listed property trusts (LPTs) where 75% or more of its gross invested book assets are invested in health care properties.
 - b) Self Storage
Real estate investment trusts or corporations (REITs) or listed property trusts (LPTs) where 75% or more of its gross invested book assets are invested in self storage properties.
 - c) Industrial
Real estate investment trusts or corporations (REITs) or listed property trusts (LPTs) where 75% or more of its gross invested book assets are invested in industrial warehouses and distribution facilities.
 - d) Office
Real estate investment trusts or corporations (REITs) or listed property trusts (LPTs) where 75% or more of its gross invested book assets are invested in offices.

- e) **Industrial/Office Mixed**
Real estate investment trusts or corporations (REITs) or listed property trusts (LPTs) that are not members of property sectors Industrial (N741) or Office (N742) but have a combined total of 75% or more of their gross invested book assets invested in industrial warehouses, distribution facilities and offices.
- f) **Residential**
Real estate investment trusts or corporations (REITs) or listed property trusts (LPTs) where 75% or more of its gross invested book assets are invested in residential home properties. It includes apartment buildings and residential communities.
- g) **Retail**
Real estate investment trusts or corporations (REITs) or listed property trusts (LPTs) where 75% or more of its gross invested book assets are invested in retail properties. It includes malls, neighbourhood and community shopping centres and factory outlets.
- h) **Lodging/Resorts**
Real estate investment trusts or corporations (REITs) or listed property trusts (LPTs) where 75% or more of its gross invested book assets are invested in lodging & resort properties.
- i) **Diversified**
Real estate investment trusts or corporations (REITs) or listed property trusts (LPTs) where less than 75% of its gross invested book assets are invested in one of the above property sectors.

VIII. FTSE EPRA/NAREIT Developed Dividend+ Index Series

- I. The FTSE EPRA/NAREIT Developed Dividend+ Index Series is designed to measure the performance of higher yielding stocks within the universe of the FTSE EPRA/NAREIT Developed Real Estate Index Series.
- II. The FTSE EPRA/NAREIT Developed Dividend+ Index Series was created to allow investors to capture the long-term effect of higher compounding returns and benefit from the lower correlations to traditional market cap weighted indices.

IX. FTSE EPRA/NAREIT Developed Asia 33 Index

- I. The FTSE EPRA/NAREIT Developed Asia 33 Index has been designed to represent the performance of the largest and most liquid real estate companies from Australia, Hong Kong, Singapore, New Zealand and Japan.
- II. The FTSE EPRA/NAREIT Developed Asia 33 Index is a tradable index, covering the top 33 constituents of developed countries in the Asia Pacific region by market capitalisation with a selection process that firstly includes companies listed as REITs. Where the total number of constituents is less than 33 then Non-REITs are added.

Qualification Criteria & Periodic Review of Constituents of Specialist Indices

X. FTSE EPRA/NAREIT Pure Developed Asia and FTSE EPRA/NAREIT Pure Australia Indices

- I. The indices will be reviewed quarterly in March, June, September and December as part of the FTSE EPRA/NAREIT Global Real Estate Index Series.
- II. The quarterly reviews will use data based on the close of trading on the first Friday of March, June, September and December.

III. The quarterly reviews will be implemented in line with the FTSE EPRA/NAREIT Global Real Estate Index Series at the close of business on the third Friday of March, June, September and December.

XI. FTSE EPRA/NAREIT Developed Europe Liquid 40 and FTSE EPRA/NAREIT Developed Europe Liquid 40 ex UK Indices

I. The indices will be reviewed quarterly in March, June, September and December as part of the FTSE EPRA/NAREIT Global Real Estate Index Series.

II. The quarterly reviews will use data based on the close of trading on the first Friday of March, June, September and December.

III. The quarterly reviews will be implemented in line with the FTSE EPRA/NAREIT Global Real Estate Index Series at the close of business on the third Friday of March, June, September and December.

IV. At review the universe for both indices will consist of constituents from the FTSE EPRA/NAREIT Developed Europe series. The FTSE EPRA/NAREIT Developed Europe Liquid 40 Index consists of the 40 stocks with the highest turnover and/or market capitalisation within the FTSE EPRA/NAREIT Developed Europe index. Using the same data as reviewed by the FTSE EPRA/NAREIT EMEA Index Advisory Committee, the compiler (FTSE) will make the following selection to determine the 40 stocks that will make up the index after the current review:

- a) All companies included in the FTSE EPRA/NAREIT Developed Europe index as a result of the current review will be ranked according to both trading volume and market capitalisation (after the application of any investability weightings). Trading volume is based on the two quarters preceding the review.
- b) Constituents are selected as the highest ranking in terms of volume traded, followed by the highest ranking in terms of market capitalisation, then the second ranking in terms of volume traded, followed by the second ranking in terms of market capitalisation, et cetera until 40 securities are selected.
- c) Current index constituents that are not included in the selection under (b) are only deleted from the index if their highest rank (either volume traded or market capitalisation) is more than ten places lower than the last selected stock.
- d) Companies that are removed from the index are not eligible for inclusion during the following quarterly review. Companies that are newly included in the index may not be deleted from the index during the following quarterly review.
- e) The resulting constituents from the review methodology stated above will comprise the FTSE EPRA/NAREIT Developed Europe Liquid 40 Index. At the time of the review a further screen is applied that excludes all UK listed companies. The remaining constituents will comprise the FTSE EPRA/NAREIT Developed Europe Liquid 40 ex UK Index.

XII. FTSE EPRA/NAREIT Developed Europe (UK Restricted) Index

I. The index will be reviewed annually in June as part of the quarterly FTSE EPRA/NAREIT Developed Europe series review.

II. The annual review will use data based on the close of trading on the first Friday of June.

III. The annual review will be implemented in line with the FTSE EPRA/NAREIT Developed Europe series at the close of business on the third Friday of June.

- IV. The FTSE EPRA/NAREIT Developed Europe (UK Restricted) Index is derived from the FTSE EPRA/NAREIT Developed Europe Index. At annual review the weight of the UK companies is adjusted, according to the ratio of the UK's GDP divided by Europe's GDP. This ratio is applied to the full market capitalisation of the UK companies in the index. This capping factor/ratio is supplied annually by EPRA. The GDP figures are published in the annual OECD Main Economic Indicators and published on the internet site <http://www.sourceOECD.org>. The review process uses the previous calendar year-end GDP figures and previous calendar year-end exchange rates.

XIII. FTSE EPRA/NAREIT Global/Developed/Emerging REIT & Non-REIT Indices

- I. The indices will be reviewed quarterly in March, June, September and December as part of the FTSE EPRA/NAREIT Global Real Estate Index Series.
- II. The quarterly reviews will use data based on the close of trading on the first Friday of March, June, September and December.
- III. The quarterly reviews will be implemented in line with the FTSE EPRA/NAREIT Global Real Estate Index Series at the close of business on the third Friday of March, June, September and December.
- IV. The FTSE EPRA/NAREIT Global/Developed/Emerging REIT & Non-REIT Indices are derived from the FTSE EPRA/NAREIT Global Real Estate Index Series. Hence, at the quarterly review the series are adjusted to represent the changes implemented to the FTSE EPRA/NAREIT Global Real Estate Index Series. Furthermore, each constituent is assigned a REIT or Non-REIT status making it a member of either index. FTSE, with the assistance of EPRA and NAREIT, screens all stocks and assigns the relevant classification on a quarterly basis (see *Appendix 10.V*).

XIV. FTSE EPRA/NAREIT Investment Focus Index Series

- I. The indices will be reviewed quarterly in March, June, September and December as part of the FTSE EPRA/NAREIT Global Real Estate Index Series.
- II. The quarterly reviews will use data based on the close of trading on the first Friday of March, June, September and December.
- III. The quarterly reviews will be implemented in line with the FTSE EPRA/NAREIT Global Real Estate Index Series at the close of business on the third Friday of March, June, September and December.
- IV. The FTSE EPRA/NAREIT Investment Focus Indices are derived from the FTSE EPRA/NAREIT Global Real Estate Index Series. Hence, at the quarterly review the series is adjusted to represent the changes made to the FTSE EPRA/NAREIT Global Real Estate Index Series. Furthermore, each constituent will be classified as Rental or Non-Rental. EPRA screens all stocks and assigns the relevant classification as detailed in *Appendix 10.VI*. A company's Investment Focus classification will be reviewed on an annual basis according to its latest published annual accounts and implemented at the next quarterly review.

XV. FTSE EPRA/NAREIT Global Sectors Index Series

- I. The indices will be reviewed quarterly in March, June, September and December as part of the FTSE EPRA/NAREIT Global Real Estate Index Series.
- II. The quarterly reviews will use data based on the close of trading on the first Friday of March, June, September and December.

- III. The quarterly reviews will be implemented in line with the FTSE EPRA/NAREIT Global Real Estate Index Series at the close of business on the third Friday of March, June, September and December.
- IV. The FTSE EPRA/NAREIT Global Sector Indices are derived from the FTSE EPRA/NAREIT Global Real Estate Index Series. Hence, at the quarterly review the series are adjusted to represent the changes made to the FTSE EPRA/NAREIT Global Real Estate Index Series. A company's Property Sector classification will be reviewed on an annual basis according to its latest published annual accounts and implemented at the next quarterly review. FTSE, with the assistance of EPRA and NAREIT, screens all stocks and assigns the relevant classification as detailed in *Appendix 10.VII*.

XVI. FTSE EPRA/NAREIT Developed Dividend+ Index Series

- I. The indices will be reviewed on an annual basis in September in line with the quarterly review of the FTSE EPRA/NAREIT Global Real Estate Index Series.
- II. The annual reviews will use data based on the last working day of August, taking into account constituent changes in the September quarterly review of the FTSE EPRA/NAREIT Global Real Estate Index Series.
- III. The annual review will be implemented in September after the close of trading on the third Friday, in line with the FTSE EPRA/NAREIT Global Real Estate Index Series.
- IV. At the time of each review, constituents of the FTSE EPRA/NAREIT Global Real Estate Index Series that have available a forecast/estimate one-year dividend yield (see *Appendix 10.XVI.VI*) of two percent or greater are eligible for inclusion into the FTSE EPRA/NAREIT Dividend+ Index Series. If a forecast/estimate one-year dividend yield is not available, FTSE's historical dividend yield data are used.
- V. The FTSE EPRA/NAREIT Dividend+ Indices will not have a fixed number of constituents.
- VI. Forecast/estimate one year dividend yield data are sourced from I/B/E/S. For the review, universe constituents that do not have available this information, FTSE's historical dividend yield data are used. Dividend yields are calculated by dividing the one-year dividends per share forecast/estimates by the underlying FTSE stock price at the review data cut-off date.

XVII. FTSE EPRA/NAREIT Developed Asia 33 Index

- I. The FTSE EPRA/NAREIT Developed Asia 33 Index will be reviewed semi- annually in June and December.
- II. The Index constituents will be compiled using data after the close of business on the last working day of May and November taking into account any changes that would be implemented at the semi annual review.
- III. The index review would be implemented in line with the FTSE EPRA/NAREIT Global Index Series, i.e. after the close of business on the third Friday of each periodic review.
- IV. At review the eligible stocks are ranked by their investable market capitalisation (after free float). Any company with REIT status which has an investable market capitalisation of greater or equal to 0.40% of the FTSE EPRA/NAREIT Developed Asia Index will be included into the index until 33 constituents have been selected. If no more REITs satisfy the size rule Non-REITs are ranked by investable market capitalisation and the next highest company is added until 33 constituents are selected.
- V. To provide stability and reduce turnover and costs at review a buffer of 5 stocks either side of the 33 cut-off is implemented.

- a) A company will be inserted at the periodic review if it rises above the 28th position, when eligible companies are ranked by investable market capitalisation.
 - b) A company will be deleted at the periodic review if it falls below the 38th position, when eligible companies are ranked by investable market capitalisation.
- VI. At review a constant number of constituents will be maintained. Where a greater number of companies qualify to be inserted in the index than those qualifying to be deleted, the lowest ranking constituents presently included in the index will be deleted to ensure that an equal number of companies are inserted and deleted at the semi annual review. Likewise, where a greater number of companies qualify to be deleted than those qualifying to be inserted, the securities of the highest ranking companies which are presently not included in the Index will be inserted to match the number of companies being deleted at the semi annual review.
- VII. The index will be capped at review, with no stock having a weight greater than 10 per cent of the index and no country greater than 40% of the index. The capping will be calculated using the second Friday's closing prices adjusted for corporate actions, with the constituent shares and investability weightings from the start of trading on the review implementation date (i.e. the next working day following the third Friday).

Changes to Constituent Companies of Specialist Indices

XVIII. FTSE EPRA/NAREIT Pure Developed Asia and FTSE EPRA/NAREIT Pure Australia Indices

- I. Additions into the index series will be applied at the fifth day of trading of the eligible stock.
- II. Intra-review changes will be in-line with the underlying FTSE EPRA/NAREIT Developed Asia Index Series. A constituent will be removed from the FTSE EPRA/NAREIT Pure Developed Asia and FTSE EPRA/NAREIT Pure Australia Indices if it is also removed from the underlying FTSE EPRA/NAREIT Developed Asia Index Series.
- III. If a constituent is acquired by a non-constituent, the constituent will be removed from the indices.

XIX. FTSE EPRA/NAREIT Developed Europe Liquid 40 and FTSE EPRA/NAREIT Developed Europe Liquid 40 ex UK Indices

- I. If, due to a corporate action, the number of constituents deviates from 40, the index is only rebalanced at the quarterly review and not at the time of the corporate action. Hence additions into the indices will only be applied at the quarterly review since the number of constituents is not fixed at 40 intra review.
- II. Intra-review changes will be in-line with the underlying FTSE EPRA/NAREIT Developed Europe Index. A constituent will be removed from the indices if it is also removed from the underlying FTSE EPRA/NAREIT Developed Europe Index.

XX. FTSE EPRA/NAREIT Developed Europe (UK Restricted) Index

- I. Changes and additions into the index series will be applied in-line with the FTSE EPRA/NAREIT Europe Index series.
- II. A constituent will be removed from the FTSE EPRA/NAREIT Developed Europe (UK restricted) Index if it is also removed from the underlying FTSE EPRA/NAREIT Developed Europe Index.
- III. If a constituent is acquired by a non-constituent, the constituent will be removed from the FTSE EPRA/NAREIT Developed Europe (UK restricted) Index.

- IV. Where two index constituents merge, or one index constituent is acquired by another constituent, the factor that is applied to the investable market capitalisation is adjusted so that the new entity remains the same weight within the index as the combined remerged index weights. If an index constituent has a complex reorganisation or de-merger, the newly spun-off company will remain eligible for inclusion into the index as long as it remains a constituent in the FTSE EPRA/NAREIT Developed Europe Index. The new spun-off company will retain the same factor as its parent company until the next annual review.

XXI. FTSE EPRA/NAREIT REIT & Non-REIT Indices

- I. In the case of an initial public offering, when the REIT status of a constituent is unknown, the constituent will enter the FTSE EPRA/NAREIT Non-REIT Index unless:
- a) The constituent makes a formal announcement that it opts, or complies with, REIT legislation in its country of domicile.
 - b) Or, the constituent qualifies for REIT status in its latest published set of annual accounts.

Otherwise the stock will enter the FTSE EPRA/NAREIT REIT Index.

- II. Intra-review changes will be in line with the underlying FTSE EPRA/NAREIT Global Real Estate Index Series. A constituent will be removed from the FTSE EPRA/NAREIT REIT & Non-REIT Indices if it is also removed from the underlying FTSE EPRA/NAREIT Index.

- III. Classification changes:

- a) Changes to the classification of a company will be advised by FTSE and the necessary adjustments will be made at the same time that the constituent changes are implemented.
- b) Where a constituent is the subject of a merger, restructure or complex takeover which results in a constituent (or part of a constituent) being absorbed by another constituent, the REIT status of the resulting constituent(s) will be reviewed by FTSE.
- c) Any adjustment resulting from a change in a company's classification will be implemented at the same time that any relevant constituent changes are implemented in the Index.

XXII. FTSE EPRA/NAREIT Investment Focus Index Series

- I. Additions into the index series will be applied in-line with the FTSE EPRA/NAREIT Developed Index.

- II. Intra-review changes will be in line with the underlying FTSE EPRA/NAREIT Global Real Estate Index Series. A constituent will be removed from the FTSE EPRA/NAREIT Investment Focus Index Series if it is also removed from the underlying FTSE EPRA/NAREIT Developed Index.

- III. Classification changes:

- a) Changes to the classification (Rental/Non-Rental) of a company will be advised by FTSE and the necessary adjustments will be made at the same time that the constituent changes are implemented.
- b) Where a constituent is the subject of a merger, restructure or complex takeover which results in a constituent (or part of a constituent) being absorbed by another constituent, the Rental/Non-Rental classification of the resulting constituent(s) will be reviewed by FTSE.
- c) Any adjustment resulting from a change in a company's classification will be implemented at the same time that any relevant constituent changes are implemented in the Index.

XXIII. FTSE EPRA/NAREIT Global Sector Index Series

- I. Additions into the Index Series will be applied in-line with the FTSE EPRA/NAREIT Developed Index.
- II. Intra-review changes will be in line with the underlying FTSE EPRA/NAREIT Developed Index. A constituent will be removed from the FTSE EPRA/NAREIT Global Sector Index Series if it is also removed from the underlying FTSE EPRA/NAREIT Developed Index.
- III. Classification changes
 - a) Changes to the classification of a company will be advised by FTSE and the necessary adjustments will be made at the same time that the constituent changes are implemented.
 - b) Where a constituent is the subject of a merger, restructure or complex takeover which results in a constituent (or part of a constituent) being absorbed by another constituent, the industry classification of the resulting constituent(s) will be reviewed by FTSE.
 - c) Any adjustment resulting from a change in a company's classification will be implemented at the same time that any relevant constituent changes are implemented in the Index.

XXIV. FTSE EPRA/NAREIT Developed Dividend+ Index Series

- I. Additions into the index series will only be applied at the annual review in September.
- II. Intra-review deletions will be in line with the underlying FTSE EPRA/NAREIT Global Index Series. A constituent will be removed from the FTSE EPRA/NAREIT Developed Dividend+ Index Series if it is also removed from the underlying FTSE EPRA/NAREIT Developed Index Series.

XXV. FTSE EPRA/NAREIT Developed Asia 33 Index

- I. When a constituent is added to the FTSE EPRA/NAREIT Global Index Series, it will be considered for inclusion at the next semi annual review. However, a fast entry rule has been put in place to capture any substantial IPOs.
- II. A new issue will be included intra review if the company has a REIT status and is equal or greater than the 10th position company in the index, when companies are ranked by investable market capitalisation. The addition of a new security will be implemented after the close of business on the fifth day of trading and the index will need to be re-capped.
- III. If a constituent of the underlying universe is removed, the constituent will be removed from the Index, where applicable. Where a constituent is removed from the index, it will not be replaced until the next periodic review.
- IV. If an index constituent has a complex reorganisation or demerger, the newly spun-off company will not be considered for inclusion in the index unless it remains part of the eligible universe and its investable market capitalisation is greater than the smallest index constituent. If it is eligible for inclusion, the index may have more than 33 constituents until the next semi annual review.
- V. Where two index constituents merge or one Index constituent is acquired by another constituent, a vacancy will be created. The vacancy will not be filled and the index will remain with less than 33 constituents until the next semi annual review. If an index constituent acquires or merges with a non-constituent, the new entity will remain in the index. If an existing constituent is acquired by a non-constituent, the newly created non-constituent will be considered for entry only if it meets all the eligibility criteria.

XXVI. FTSE EPRA/NAREIT AIM Index

- I. Securities in the FTSE EPRA NAREIT AIM Index will be tested for liquidity separate to the rest of the Index Series by calculating its velocity trading per month. The velocity trade is calculated by summing each month's daily volumes traded adjusted for the effect of corporate events where appropriate and dividing it by the free float adjusted shares in issue on offer on the last day of the month.
 - a) To be eligible for inclusion, non-constituent securities must trade at least 0.25% of their shares in issue (after the application of any free float weightings) based on their velocity trade per month for at least ten of the twelve months prior to the annual review in December.
 - b) For existing constituents, securities must trade at least 0.20% of its shares in issue (after the application of any free float weightings) based on its velocity trade per month for at least eight of the twelve months prior to the annual review in December.
 - c) A security that is excluded because it fails the liquidity requirement will be excluded from the FTSE EPRA NAREIT AIM Index until the next periodic review.

XXVII. FTSE EPRA/NAREIT Super Liquid Index Series

- I. The FTSE EPRA/NAREIT Super Liquid Index Series will be reviewed annually in March and will consist of the following indices:
 - FTSE EPRA/NAREIT Developed Super Liquid Index
 - FTSE EPRA/NAREIT Developed Europe Super Liquid Index
 - FTSE EPRA/NAREIT Developed Asia Super Liquid Index
 - FTSE EPRA/NAREIT North America Super Liquid Index
- II. Intra-review changes will be in line with the underlying FTSE EPRA/NAREIT Index. A constituent will be removed from the FTSE EPRA/NAREIT Super Liquid Index Series if it is also removed from the underlying FTSE EPRA/NAREIT Index.
- III. Please refer to the FTSE Super Liquid Index Series Ground Rules for more information.

Further Information

FTSE

Further information on the FTSE EPRA-NAREIT Global Real Estate Index Series are available from FTSE on www.ftse.com, who will also welcome comments on these Ground Rules. Contact details can also be found on this website.

EPRA

Further information on the real estate screening criteria and EPRA are available on www.epra.com. Contact details can also be found on this website.

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