

FTSE Environmental Technology Index Series

v4.0



Contents

Section 1 Introduction	3
Section 2 Management responsibilities	5
Section 3 FTSE Russell Index policies	6
Section 4 Eligible securities	8
Section 5 ESG data inputs.....	10
Section 6 Periodic review of constituents	11
Section 7 Changes to constituent companies.....	13
Section 8 Corporate actions and events	14
Section 9 Industry classification benchmark (ICB)	16
Section 10 Index algorithm and calculation method	17
Section 11 Capping methodology	18
Appendix A Index opening and closing hours.....	21
Appendix B Status of index.....	22
Appendix C Further information	23

Section 1

Introduction

1. Introduction

1.1.1 This document sets out the Ground Rules for the construction and management of the FTSE Environmental Technology Index Series. Copies of the Ground Rules are available from FTSE on the website www.lseg.com/en/ftse-russell/.

1.2 The FTSE Environmental Technology (ET) Index Series comprise the FTSE Environmental Markets family of indices. The Environmental Markets indices aim to represent the performance of global companies, taken from the FTSE Global Equity Index Series, that have specific involvement in environmental activities and are engaged in the transition to a green economy according to GRCS.

This includes companies identified to generate Green Revenues over a specified threshold based on the FTSE Russell's Green Revenues Classification System (GRCS), which includes the ten environmental Sectors below:

- A. Energy Management & Efficiency
- B. Energy Generation
- C. Transport Equipment
- D. Waste & Pollution Control
- E. Energy Equipment
- F. Transport Solutions
- G. Water Infrastructure & Technology
- H. Environmental Resources
- I. Food & Agriculture
- J. Environmental Support Services

Full details, including Sector and Subsector definitions within the FTSE Green Revenues Classification System can be found on the website www.lseg.com/en/ftse-russell/. The assessment to establish whether a technology, service or business qualifies as being within these sectors will be carried out by FTSE Russell as part of the Green Revenues 2.0 data model based on these classification rules.

1.3 The FTSE Environmental Technology Index Series takes account of ESG factors in its index design. Please see further details in Section 5.

1.4 The base currency of the benchmark is US Dollars (USD). Index values may also be published in other currencies.

1.5 FTSE Russell

FTSE Russell is a trading name of FTSE International Limited, Frank Russell Company, FTSE Global Debt Capital Markets Limited (and its subsidiaries FTSE Global Debt Capital Markets Inc. and FTSE Fixed

Income Europe Limited), FTSE Fixed Income LLC, FTSE (Beijing) Consulting Limited, Refinitiv Benchmark Services (UK) Limited, Refinitiv Limited and Beyond Ratings.

1.6 These Ground Rules set out the methodology and provide information about the publication of the FTSE Environmental Technology Index Series.

1.7 FTSE Russell hereby notifies users of the index series that it is possible that circumstances, including external events beyond the control of FTSE Russell, may necessitate changes to, or the cessation of, the index series and therefore, any financial contracts or other financial instruments that reference the index series or investment funds which use the index series to measure their performance should be able to withstand, or otherwise address the possibility of changes to, or cessation of, the index series.

1.8 Index users 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 the FTSE Russell (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 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 inaccuracies in the compilation of the Index or any constituent data.

1.9 The following indices will be calculated in the FTSE Environmental Technology Index Series:

1.9.1 FTSE ET50 Index

This Index comprises the largest 50 companies by full market capitalisation that meets the stated eligibility requirements.

1.9.2 FTSE ET100 Index

This Index comprises the largest 100 companies by full market capitalisation that meets the stated eligibility requirements. This Index will include all the companies from the FTSE ET50 Index.

1.9.3 FTSE ET Developed 50 8% Capped Index

This Index comprises the largest 50 companies by full market capitalisation within the FTSE ET100 Index that are assigned a developed market nationality.

1.10 Price Index values are published on a real time basis in their calculated currencies. Total Return Index values are published at the end of each working day using WM exchange rates set at 16:00 UK time. The Total Return Index includes income based on ex-dividend adjustments. Currencies provided for these indices will include US Dollar, Euro, UK Pound Sterling, Japanese Yen and Australian Dollar on an end of day basis.

Section 2

Management responsibilities

2. Management responsibilities

2.1 FTSE International Limited (FTSE)

2.1.1 FTSE is the benchmark administrator of the index series.¹

2.1.2 FTSE is responsible for the daily calculation, production and operation of the FTSE Environmental Technology Index Series and will:

- maintain records of the index weightings of all constituents and reserve list companies;
- make changes to the constituents and their weightings in accordance with the Ground Rules;
- carry out the periodic index reviews of the index series and apply the changes resulting from the reviews as required by the Ground Rules;
- publish changes to the constituent weightings resulting from their ongoing maintenance and the periodic reviews;
- disseminate the indices.

2.1.3 The weightings of constituents in the real time indices shall be used in the calculation of the end of day indices.

2.1.4 FTSE is also responsible for monitoring the performance of the FTSE Environmental Technology Index Series throughout the day and will determine whether the status of the Index should be Firm, Held or Indicative (see Appendix B).

2.2 Amendments to these Ground Rules

2.2.1 These Ground Rules shall be subject to regular review (at least once a year) by FTSE Russell to ensure that they continue to best reflect the aims of the index series. Any proposals for significant amendments to these Ground Rules will be subject to consultation with FTSE Russell advisory committees and other stakeholders if appropriate. The feedback from these consultations will be considered by the FTSE Russell Index Governance Board before approval is granted.

2.2.2 Where FTSE Russell determines that the Ground Rules are silent or do not specifically and unambiguously apply to the subject matter of any decision, any decision shall be based as far as practical on the Statement of Principles. After making any such determination, FTSE Russell shall advise the market of its decision at the earliest opportunity. Any such treatment will not be considered as an exception or change to the Ground Rules, or to set a precedent for future action, but FTSE Russell will consider whether the Ground Rules should subsequently be updated to provide greater clarity.

¹ The term administrator is used in this document in the same sense as it is defined in [Regulation \(EU\) 2016/1011 of the European Parliament and of the Council of 8 June 2016 on indices used as benchmarks in financial instruments and financial contracts or to measure the performance of investment funds](#) (the European Benchmark Regulation) and [The Benchmarks \(Amendment and Transitional Provision\) \(EU Exit\) Regulations 2019](#) (the UK Benchmark Regulation).

Section 3

FTSE Russell Index policies

3. FTSE Russell Index policies

These Ground Rules should be read in conjunction with the following policy documents which can be accessed using the links below:

3.1 Corporate Actions and Events Guide

3.1.1 Full details of changes to constituent companies due to corporate actions and events can be accessed in the Corporate Actions and Events Guide using the following link:

[Corporate Actions and Events Guide.pdf](#)

3.2 Statement of Principles for FTSE Russell Equity Indices (the Statement of Principles)

3.2.1 Indices need to keep abreast of changing markets and the Ground Rules cannot anticipate every eventuality. Where the Rules do not fully cover a specific event or development, FTSE Russell will determine the appropriate treatment by reference to the Statement of Principles which summarises the ethos underlying FTSE Russell's approach to index construction. The Statement of Principles is reviewed annually and any changes proposed by FTSE Russell are presented to the FTSE Russell Policy Advisory Board for discussion before approval by the FTSE Russell Index Governance Board.

The Statement of Principles can be accessed using the following link:

[Statement of Principles.pdf](#)

3.3 Queries and Complaints

3.3.1 FTSE Russell's complaints procedure can be accessed using the following link:

[Benchmark Determination Complaints Handling Policy.pdf](#)

3.4 Index Policy for Trading Halts and Market Closures

3.4.1 Guidance for the treatment of index changes in the event of trading halts or market closures can be found using the following link:

[Index Policy for Trading Halts and Market Closures.pdf](#)

3.5 Index Policy in the Event Clients are Unable to Trade a Market

3.5.1 Details of FTSE Russell's treatment can be accessed using the following link:

[Index Policy in the Event Clients are Unable to Trade a Market or a Security.pdf](#)

3.6 Index Policy for Trading Halts and Market Closures

3.6.1 Guidance for the treatment of index changes in the event of trading halts or market closures can be found using the following link:

[Index Policy for Trading Halts and Market Closures.pdf](#)

3.7 Recalculation Policy and Guidelines

3.7.1 Where an inaccuracy is identified, FTSE Russell will follow the steps set out in the FTSE Russell Index Recalculation Guidelines when determining whether an index or index series should be recalculated and/or associated data products reissued. Users of the FTSE Environmental Technology Index Series will be notified through appropriate media.

For further information refer to the FTSE Russell Recalculation Policy and Guidelines document which is available from the FTSE Russell website using the link below or by contacting info@ftserussell.com.

[Recalculation Policy and Guidelines Equity Indices.pdf](#)

[Recalculation Policy and Guidelines ESG Products.pdf](#)

3.8 Policy for Benchmark Methodology Changes

3.8.1 Details of FTSE Russell's policy for making benchmark methodology changes can be accessed using the following link:

[Policy for Benchmark Methodology Changes.pdf](#)

3.9 FTSE Russell Governance Framework

3.9.1 To oversee its indices, FTSE Russell employs a governance framework that encompasses product, service and technology governance. The framework incorporates the London Stock Exchange Group's three lines of defence risk management framework and is designed to meet the requirements of the IOSCO Principles for Financial Benchmarks², the European benchmark regulation³ and the UK benchmark regulation⁴. The FTSE Russell Governance Framework can be accessed using the following link:

[FTSE Russell Governance Framework.pdf](#)

3.10 Real Time Status Definitions

For indices which are calculated in real time, please refer to the following guide for details of real time status definitions:

[Real Time Status Definitions.pdf](#)

² IOSCO Principles for Financial Benchmarks Final Report, FR07/13 July 2013.

³ Regulation (EU) 2016/1011 of the European Parliament and of the Council of 8 June 2016 on indices used as benchmarks in financial instruments and financial contracts or to measure the performance of investment funds.

⁴ The Benchmarks (Amendment and Transitional Provision) (EU Exit) Regulations 2019.

Section 4

Eligible securities

4. Eligible securities

4.1 Companies that are included in the FTSE Global All Cap Index Series are eligible for inclusion in the FTSE Environmental Technology Index Series. For the list of eligibility criteria, please refer to the FTSE Global Equity Index Series Ground Rules which are available on www.lseg.com/en/ftse-russell/.⁵

4.2 All classes of the ordinary shares in issue are eligible for inclusion in the FTSE Environmental Technology Index Series, subject to conforming to all other rules of eligibility, free float and liquidity.

4.3 The Green Revenues data model

4.3.1 The FTSE Russell Green Revenues data model helps investors understand the global industrial transition to a green and low carbon economy with consistent, transparent data and indices.

Companies are analysed and categorised using a unique industrial taxonomy for green goods, products, and services that covers 10 sectors, 64 subsectors, and 133 micro sectors. For companies classified in one or more of the green micro sectors, a total percentage(s) of revenue from green products is provided.

4.3.2 Company green revenues are assessed and measured under one of three categories:

- Disclosed information when a company has sufficient disclosure to measure green revenues.
- Company-specific estimates when a company has limited revenue disclosures but there is additional non-revenue data (e.g. production volumes) or relevant market or peer data (e.g. market share of a product) that can form a reasonable basis for estimating green revenues.
- Sector-specific estimates when a company has insufficient disclosure to generate company-specific estimates. A quantitative estimation model is used to estimate green revenues using disclosure and company-specific data from sector peers.

At the company activity level, each of the 133 micro sectors is mapped to one of three tiers, defined as the following:

- Tier 1 covers activities (micro sectors) with significant and clear environmental benefits (e.g. EG08.0 Energy Generation – Solar).
- Tier 2 covers activities (micro sectors) with more limited but net positive environmental benefits (e.g. WI08.0 Water Utilities).
- Tier 3 covers activities (micro sectors) which have some environmental benefits but are overall net neutral or negative (e.g. EG06.0 Energy Generation – Nuclear).

⁵ Saudi Arabia was assigned Secondary Emerging market status in March 2019. Securities will be eligible for inclusion in the FTSE Environmental Technology Index from June 2020. China A Shares (available under the Northbound China Stock Connect Scheme) was assigned Secondary Emerging market status beginning in June 2019. Securities will be eligible for inclusion in the FTSE Environmental Technology Index from June 2020.

- 4.3.3 A company will be eligible for inclusion in the FTSE Environmental Technology Index Series if its Green Revenues percentage is 50% or above, calculated as the following:
- Green Revenues percentage for a company, which is the portion of green revenues as classified by the FTSE Green Revenues Classification System to total company revenue.
 - Green Revenues application only includes Tier 1 activities, as defined in Rule 4.3.2, with the exception of TS 01.2 Electrified Railways which is not eligible for the FTSE Environmental Technology Index Series.
 - Company assessments using sector-specific estimates of Green Revenues are not used for determining index eligibility.

4.3.4 In order to reduce index turnover buffer thresholds will also be employed. At reviews of the index, new constituents will only be eligible for inclusion if they have 50% or more Green Revenues. In addition, at reviews of the index, current constituents will only be ineligible if they fall below 40% in Green Revenues.

4.4 Green Revenues Classification System

4.4.1 For further information on the FTSE Green Revenues Classification System please use the following link:

4.4.2 [FTSE Green Revenues Classification System.pdf](#)

Section 5

ESG data inputs

5. ESG data inputs

5.1.1 The following ESG datasets are used in the construction of the FTSE Environmental Technology Index Series.

ESG data inputs	Details	Used for selection, weighting or exclusion ⁶
FTSE Green Revenues	<p>FTSE Russell's Green Revenues data model identifies companies providing green products and services and classifies associated revenues based on the Green Revenues Classification System (GRCS). GRCS is a taxonomy used to define and measure the industrial transition to a Green Economy.</p> <p>More information can be found here: ftse-green-revenues-classification-system.pdf</p>	Selection
Minimum Set of Exclusions for ESG Indices	<p>The minimum set of exclusions will be applied to this Index Series with effect from December 2023. Details of the minimum exclusions can be found in Section 8 of the Guide to the Construction and Maintenance of FTSE Exclusion Lists.pdf.</p> <p>Note: although the exclusion lists are updated quarterly they are applied to this index series on a semi-annual basis.</p>	Exclusion

5.1.2 Further information on ESG data provided by FTSE Russell and third parties used in this index (index series) can be found in the following guide:

[Guide to FTSE and Third Party ESG Data used in FTSE Russell Indices](#)

5.1.3 This includes information on the data and standards used for these ESG data inputs. These data sets may include estimated data.

5.2 ESG Metrics

5.2.1 Please see the FTSE Russell [ESG Metrics](#) website for the scores and values of the environmental, social and governance (ESG) factors listed in Annex II to Delegated Regulation (EU) 2020/1816.

Further details on the metrics methodology and calculation are available using the following links:

[Sustainability and ESG data](#)

[ESG Disclosures Methodology and Calculation Guide](#)

⁶ Definitions

Selection- ESG data is used to select or rank constituents, or calculate minimum scores or thresholds.

Weighting- ESG data is used to calculate the weight of a constituent in an index.

Exclusion- ESG data is used to exclude companies from the index.

Section 6

Periodic review of constituents

6. Periodic review of constituents

6.1 Review dates

- 6.1.1 The FTSE Environmental Technology Index Series will be reviewed semi-annually in June and December using data as at the close of business on the Monday 4 weeks prior to the review effective date.
- 6.1.2 The semi-annual review will be implemented after the close of business on the third Friday (i.e. effective Monday) of June and December.
- 6.1.3 Capping will be implemented quarterly after the close of business on the third Friday in March, June, September and December.

6.2 Rules for insertion and deletion at the periodic review

- 6.2.1 The rules for inserting and deleting securities at the periodic review are designed to provide stability in the selection of constituents of the FTSE Environmental Technology Index Series while ensuring that the Index continue to be representative of the market by including or excluding those securities which have risen or fallen significantly.
- 6.2.2 A company will be added at the periodic review if it rises above the position stated below for the relevant index when the eligible securities for each FTSE Environmental Technology Index Series are ranked by full market capitalisation, i.e. before the application of any investability weighting:
- | | | |
|--------------------------------------|---|------------------------------------|
| FTSE ET50 Index | - | Risen to 40 th or above |
| FTSE ET100 Index | - | Risen to 90 th or above |
| FTSE ET Developed 50 8% Capped Index | - | Risen to 40 th or above |
- 6.2.3 A company will be deleted at the periodic review if it falls below the position stated below for the relevant index when the eligible securities for each FTSE Environmental Technology Index Series are ranked by full market capitalisation, i.e. before the application of any investability weighting:
- | | | |
|--------------------------------------|---|--------------------------------------|
| FTSE ET50 Index | - | Fallen to 61 st or below |
| FTSE ET100 Index | - | Fallen to 111 th or below |
| FTSE ET Developed 50 8% Capped Index | - | Fallen to 61 st or below |
- 6.2.4 A constant number of 50 constituents will be maintained for the FTSE ET50 Index and the FTSE ET Developed 50 8% Capped Index, and a constant number of 100 constituents will be maintained for the FTSE ET100 Index. Where a greater number of companies qualify to be added in an 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 added and deleted at the periodic review. Likewise, where a greater number of companies qualify to be deleted than those qualifying to be added, the securities of the highest ranking companies which are presently not included in the index will be added to match the number of companies being deleted at the periodic review.

6.2.5 Where a company is deleted from the FTSE Environmental Technology Index Series after the periodic changes to the indices, but before the periodic changes have been implemented, the highest ranking company as from the new Reserve List at the day of the deletion (see Rule 6.4), excluding current index constituents, will replace the deleted company.

6.3 Monitoring of eligible companies

6.3.1 The market capitalisation of companies eligible for inclusion in the FTSE Environmental Technology Index Series is monitored by FTSE. All listed securities that pass the ET criteria (see Section 4) will be included in the periodic reviews.

6.4 Reserve list

6.4.1 FTSE Russell will be responsible for publishing a maximum of the five highest ranking non-constituents of the FTSE ET50 Index and the FTSE ET Developed 50 8% Capped Index at the time of the periodic review. The appropriate Reserve List will be used in the event that one or more constituents are deleted during the period up to the next periodic review.

6.4.2 FTSE Russell will be responsible for publishing the ten highest ranking non-constituents of the FTSE ET100 Index at the time of the periodic review. The appropriate Reserve List will be used in the event that one or more constituents are deleted during the period up to the next periodic review.

6.5 Capping methodology

6.5.1 The FTSE Environmental Technology Index Series uses capping methodology every quarter to reduce concentration for constituents that are considered overweighted in the index. The capping methodology is described in more detail in Section 12.

Section 7

Changes to constituent companies

7. Changes to constituent companies

7.1 Intra-review additions

7.1.1 Additions into the FTSE Global Equity Index Series will be considered for inclusion in the relevant FTSE Environmental Technology Index Series at the next review of the relevant FTSE Environmental Technology Index.

7.2 Intra-review deletions

7.2.1 When the company is removed from the FTSE ET50 Index or the FTSE ET100 Index or the FTSE ET Developed 50 8% Capped Index, the vacancy will be filled by selecting the highest ranking security by full market value in the relevant Reserve List as at the close of the index calculation two days prior to the deletion and adjusted accordingly such changes will be announced to the market prior to the implementation.

7.2.2 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.

Section 8

Corporate actions and events

8. Corporate actions and events

8.1 Full details of changes to constituent companies due to corporate actions and events can be accessed in the Corporate Actions and Events Guide using the following link:

[Corporate Actions and Events Guide.pdf](#)

A Corporate 'Action' is an action on shareholders with a prescribed ex date. The share price will be subject to an adjustment on the ex date. These include the following:

- Capital Repayments
- Rights Issues/Entitlement Offers
- Stock Conversion
- Splits (sub-division)/Reverse splits (consolidation)
- Scrip issues (Capitalisation or Bonus Issue)

A Corporate 'Event' is a reaction to company news (event) that may impact the index depending on the index rules. For example, a company announces a strategic shareholder is offering to sell their shares (secondary share offer) – this could result in a free float weighting change in the index. Where an index adjustment is required FTSE Russell will provide notice advising of the timing of the change.

8.2 Shares in issue

Changes to the number of shares in issue for constituent securities are covered in the Corporate Actions and Events Guide.

8.3 Suspension of dealing

Suspension of dealing rules can be found within the Corporate Actions and Events Guide.

8.4 Mergers, restructuring and complex takeovers

8.4.1 If the effect of a merger or takeover is that one constituent in the FTSE ET50 Index or the FTSE ET100 Index or the FTSE ET Developed 50 8% Capped Index is absorbed by another constituent, the resulting company will remain a constituent of the relevant Index, and a vacancy will be created. This vacancy will be filled by selecting the highest ranking security by full market capitalisation in the relevant Reserve List as at the close of the index calculation two days prior to the deletion.

8.4.2 If a constituent company in the FTSE ET50 Index or the FTSE ET100 Index or the FTSE ET Developed 50 8% Capped Index is taken over by an ineligible non-constituent company, the original constituent will be removed and replaced by the highest ranking non-constituent in the relevant Reserve List.

- 8.4.3 If a constituent company is split to form two or more companies, then the resulting companies will be eligible for inclusion as index constituents in the FTSE Environmental Technology Index Series providing they are larger than the smallest constituent in the relevant Index, based on their respective full market capitalisations, i.e. before the application of any investability weightings and if they qualify in all other respects. For example, a FTSE ET50 constituent split into two companies may result in one or both of these companies remaining in the FTSE ET50 Index. Where both of these companies remain in the FTSE ET50 Index, the smallest FTSE ET50 Index constituent will be removed from the index.
- 8.4.4 Index constituent changes resulting from a split will be determined based on market values at close on day one of trading and applied with two days' notice. Consequently the FTSE ET50 Index, the FTSE ET Developed 50 8% Capped Index and the FTSE ET100 Index may have more than 50 or 100 companies for three days.

Section 9

Industry classification benchmark (ICB)

9. Industry classification benchmark (ICB)⁷

9.1 Classification structure

9.1.1 In addition to the identification as an ET company, the FTSE Environmental Technology Index Series constituents are classified into Supersectors, Sectors and Subsectors, as defined by the Industry Classification Benchmark (ICB).

9.1.2 Details of the Industry Classification Benchmark are available from FTSE Russell and published on the FTSE Russell website (www.lseg.com/en/ftse-russell/) and can be accessed using the following link:
[Industry Classification Benchmark](#)

⁷ FTSE indices migrated to the new ICB classification system in March 2021

Section 10

Index algorithm and calculation method

10. Index algorithm and calculation method

10.1 Prices

10.1.1 The FTSE Environmental Technology Index Series will use actual last trade prices, where available, for securities.

10.1.2 Refinitiv real time exchange rates are used in the real-time index calculations.

10.2 Index calculation

10.2.1 The FTSE Environmental Technology Index Series is calculated using the following formula:

$$\sum_{i=1}^N \frac{(p_i \times e_i \times s_i \times f_i \times c_i)}{d}$$

Where,

$i=1,2,\dots,N$

N is the number of securities in the index.

p_i is the latest trade price of the component security (or the price at the close of the index on the previous day).

e_i is the exchange rate required to convert the security's currency into the index's base currency.

s_i is the number of shares in issue used by FTSE Russell for the security, as defined in these Ground Rules.

f_i is the Investability Weighting Factor to be applied to a security to allow amendments to its weighting, expressed as a number between 0 and 1, where 1 represents a 100% free float. This factor is published by FTSE Russell for each security in the underlying index.

c_i is the Capping Factor to be applied to a security to correctly weight that security in the index. This factor maps the investable market capitalisation of each stock to a notional market capitalisation for inclusion in the index.

d is the divisor, a figure that represents the total issued share capital of the index at the base date. The divisor can be adjusted to allow changes in the issued share capital of individual securities to be made without distorting the index.

Section 11

Capping methodology

11. Capping Methodology

11.1 The FTSE Environmental Technology Index Series capping process aims to reduce any concentration levels that may exist. The capping process is applied after the close of business on the third Friday in March, June, September and December based on the starting constituents of the next working day. The underlying data used in the capping process is as follows:

11.1.1 The security's closing price adjusted for corporate events after the close of business on the second Friday of each quarter.

11.1.2 The security's starting shares in issue figure, its investability weight on the next working day following the third Friday of each quarter.

11.2 FTSE ET50 Index and FTSE ET100 Index Capping Methodology

The algorithm is applied to each constituent of the FTSE ET50 Index and the FTSE ET100 Index that requires capping, i.e. any constituent whose uncapped weight is greater than 10%.

The Constituent Capping Factor c_i is given by:

$$c_i = \frac{Z}{I \times (p_i \times s_i \times f_i)} \sum_{j \in J} (p_j \times s_j \times f_j)$$

Where,

- i denotes the security to be capped.
- j denotes an uncapped security.
- J is the subset of securities that are uncapped.
- p_k is the official closing price of the k^{th} security.
- s_k is the number of shares in issue of the k^{th} security.
- f_k is the free float factor of the k^{th} security.
- I is the percentage of the index represented by all uncapped constituents.
- Z is the percentage capping level.

Capping is applied to the constituents of the FTSE Environmental Technology Index Series by the following methodology:-

Stage 1

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

If the total index weight of those companies whose individual weights exceed 5% is greater than 40% in aggregate, the procedure moves onto Stage 2 below. Otherwise no further capping is required.

Stage 2

(a) Capping the largest company at 10%

If more than one company is capped at 10% in Stage 1, then weights of all subsequent companies previously capped at 10% are changed in accordance with the rules detailed below.

For example, if the second largest company is capped at 10% its weight will be reduced to 9% as detailed in Stage 2b below. Thus only one company will have a 10% weight in the index.

(b) Capping the second largest company at 9%

If the weight of the second largest company is greater than 9% the company's weight is capped at 9% and the weights of the remaining companies are increased correspondingly.

Following this procedure if the total index weight of those companies whose individual weights exceed 5%, is NOT greater than 40% then no further capping is required.

However, if the total index weight of those companies whose individual weights exceed 5%, IS greater than 40% then the procedure moves onto stage 2c.

Please note: Where the 40% threshold is breached we move to stage 2c even if the second largest company has not been capped.

(c) Capping the third largest company at 8%

If the weight of the third largest company is greater than 8% the company's weight is capped at 8% and the weights of the remaining companies are increased correspondingly.

Following this procedure if the total index weight of those companies whose individual weights exceed 5%, is NOT greater than 40% then no further capping is required.

However, if the total index weight of those companies whose individual weights exceed 5%, IS greater than 40% then the procedure moves onto stage 2d.

Please note: Where the 40% threshold is breached we move to stage 2d even if the third largest company has not been capped.

(d) Capping the fourth largest company at 7%

If the weight of the fourth largest company is greater than 7% the company's weight is capped at 7% and the weights of the remaining companies are increased correspondingly.

Following this procedure if the total index weight of those companies whose individual weights exceed 5%, is NOT greater than 40% then no further capping is required.

However, if the total index weight of those companies whose individual weights exceed 5%, IS greater than 40% then the procedure moves onto stage 2e.

Please note: Where the 40% threshold is breached we move to stage 2e even if the fourth largest company has not been capped.

(e) Capping the fifth largest company at 6%

If the weight of the fifth largest company is greater than 6% the company's weight is capped at 6% and the weights of the remaining companies are increased correspondingly.

Following this procedure if the total index weight of those companies whose individual weights exceed 5%, is NOT greater than 40% then no further capping is required.

However, if the total index weight of those companies whose individual weights exceed 5%, IS greater than 40% then the procedure moves onto stage 2f.

Please note: Where the 40% threshold is breached we move to stage 2f even if the fifth largest company has not been capped.

(f) Capping the sixth largest company at 4%

If the weights of the sixth largest company and any lower ranking companies are greater than 4% those companies' weights are capped at 4% and the weights of lower ranking companies are increased correspondingly.

The process then moves to Stage 3.

Stage 3

Following the application of Stage 2, the weights of each company are checked. If the total index weight of those companies whose individual weights exceed 5% is greater than 40% in aggregate, then further capping is required and Stage 2 is repeated.

Companies are capped using prices as at the close of business on the second Friday in March, June, September and December and shares in issue and free float adjusted for corporate actions as at the Monday after the third Friday. The capping is implemented after the close of business on the third Friday of March, June, September and December.

11.3 FTSE ET Developed 50 8% Capped Index Capping Methodology

Any companies whose weights are greater than 8% are capped at 8%. The weights of all lower ranking companies are increased correspondingly. The weights of lower ranking companies are then checked and if they exceed 8% they are also capped at 8%. This process is repeated until no company weight exceeds 8%

Appendix A

Index opening and closing hours

Index	Open	Close
FTSE Environmental Technology Index Series	00:30	21:10

Notes:

Closing values at 21:10 will be disseminated at 21:30

Timings are UK hours.

Appendix B

Status of index

The FTSE Environmental Technology Index is calculated in US Dollars on a real time basis.

For further details of real time definitions please refer to the following guide:

[Real Time Status Definitions.pdf](#)

The official opening and closing hours of the FTSE Environmental Technology Index are set out in Appendix A. Variations to the official hours of the index will be published by FTSE Russell.

US Dollar, Euro, UK Pound Sterling and Japanese Yen values will be calculated on an end-of-day basis

Appendix C

Further information

A Glossary of Terms used in FTSE Russell's Ground Rule documents can be found using the following link:

[Glossary.pdf](#)

The FTSE Russell ESG Metrics website can be found using the following link: [ESG Metrics](#)

For further information on the FTSE Environmental Technology Index Series, please visit www.lseg.com/en/ftse-russell/ or contact FTSE Russell via e-mail at info@ftserussell.com.

Disclaimer

© 2024 London Stock Exchange Group plc and its applicable group undertakings ("LSEG"). LSEG includes (1) FTSE International Limited ("FTSE"), (2) Frank Russell Company ("Russell"), (3) FTSE Global Debt Capital Markets Inc. and FTSE Global Debt Capital Markets Limited (together, "FTSE Canada"), (4) FTSE Fixed Income Europe Limited ("FTSE FI Europe"), (5) FTSE Fixed Income LLC ("FTSE FI"), (6) FTSE (Beijing) Consulting Limited ("WOFE"), (7) Refinitiv Benchmark Services (UK) Limited ("RBSL"), (8) Refinitiv Limited ("RL") and (9) Beyond Ratings S.A.S. ("BR"). All rights reserved.

The FTSE Environmental Technology Index Series is calculated by or on behalf of FTSE International Limited or its affiliate, agent or partner. FTSE International Limited is authorised and regulated by the Financial Conduct Authority as a benchmark administrator. Refinitiv Benchmark Services (UK) Limited is authorised and regulated by the Financial Conduct Authority as a benchmark administrator.

FTSE Russell® is a trading name of FTSE, Russell, FTSE Canada, FTSE FI, FTSE FI Europe, WOFE, RBSL, RL and BR. "FTSE®", "Russell®", "FTSE Russell®", "FTSE4Good®", "ICB®", "WMR™", "FR™", "Beyond Ratings®" and all other trademarks and service marks used herein (whether registered or unregistered) are trade marks and/or service marks owned or licensed by the applicable member of LSEG or their respective licensors and are owned, or used under licence, by FTSE, Russell, FTSE Canada, FTSE FI, FTSE FI Europe, WOFE, RBSL, RL or BR.

All information is provided for information purposes only. All information and data contained in this publication is obtained by LSEG, from sources believed by it to be accurate and reliable. Because of the possibility of human and mechanical inaccuracy as well as other factors, however, such information and data is provided "as is" without warranty of any kind. No member of LSEG nor their respective directors, officers, employees, partners or licensors make any claim, prediction, warranty or representation whatsoever, expressly or impliedly, either as to the accuracy, timeliness, completeness, merchantability of any information or LSEG Products, or of results to be obtained from the use of LSEG products, including but not limited to indices, rates, data and analytics, or the fitness or suitability of the LSEG products for any particular purpose to which they might be put. The user of the information assumes the entire risk of any use it may make or permit to be made of the information.

No responsibility or liability can be accepted by any member of LSEG nor their respective directors, officers, employees, partners or licensors for (a) any loss or damage in whole or in part caused by, resulting from, or relating to any inaccuracy (negligent or otherwise) or other circumstance involved in procuring, collecting, compiling, interpreting, analysing, editing, transcribing, transmitting, communicating or delivering any such information or data or from use of this document or links to this document or (b) any direct, indirect, special, consequential or incidental damages whatsoever, even if any member of LSEG is advised in advance of the possibility of such damages, resulting from the use of, or inability to use, such information.

No member of LSEG nor their respective directors, officers, employees, partners or licensors provide investment advice and nothing in this document should be taken as constituting financial or investment advice. No member of LSEG nor their respective directors, officers, employees, partners, or licensors make any representation regarding the advisability of investing in any asset or whether such investment creates any legal or compliance risks for the investor. A decision to invest in any such asset should not be made in reliance on any information herein. Indices and rates cannot be invested in directly. Inclusion of an asset in an index or rate is not a recommendation to buy, sell or hold that asset nor confirmation that any particular investor may lawfully buy, sell or hold the asset or an index or rate containing the asset. The general information contained in this publication should not be acted upon without obtaining specific legal, tax, and investment advice from a licensed professional.

No part of this information may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior written permission of the applicable member of LSEG. Use and distribution of LSEG data requires a licence from LSEG and/or its licensors.

