Ground Rules

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FTSE Russell ESG Data Model Methodology



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Section 1 FTSE Russell ESG Data Model

1.1 Overview

The FTSE Russell ESG Data Model aims to assess corporate 'ESG exposure and performance', both in terms of measuring the impact of the scored entity on the external environment (e.g. through theme and pillar Exposures) and measuring the scored entity's risk exposure or resilience to ESG-related risks (e.g. through pillar and theme Scores).

FTSE Russell's ESG Scores and data model allows investors to understand a company's exposure to, and management of, ESG issues in multiple dimensions. The ESG Scores are comprised of an overall Score that breaks down into underlying Pillar and Theme Exposures and Scores. The Pillars and Themes are built on over 300 individual indicator assessments that are applied to each company's unique circumstances.

1.2 Key features

Materiality: Exposure relative scoring at Theme level: It is important that companies that are more exposed to particular Themes such as Climate Change, Corporate Governance, and Labor Standards are doing more to address them. Therefore, higher exposure companies are assessed using higher thresholds than lower exposure companies.

Materiality: Exposure relative scoring at Pillar and Overall level: The Pillar Score is calculated as a weighted average of the Theme Scores. Each Theme Score is weighted by its Exposure Level; Low Exposure has a weight of 1, Medium Exposure a weight of 2, and High Exposure a weight of 3. This principle is also applied to calculate the overall FTSE ESG Score where the weight for each Pillar is based on the average Exposure Level of the Themes within it.

Industry Relative ESG Scores: In addition to the "absolute" Scores described above, peer relative Scores and ESG Scores are also provided. These are calculated by comparing a company's ESG Score to others within the same FTSE Industry Classification Benchmark (ICB) Supersector¹. The overall FTSE ESG Score is represented as a percentile where a "1" indicates that a company is in the bottom 1% and "100" indicates a company is in the top 1%.

Methodology review

FTSE Russell data model methodologies are subject to regular review to ensure that they continue to meet the current and future requirements of investors and other index users.

Changes to a methodology may originate as a result of recommendations from internal governance bodies, feedback from external advisory committees and clients, or in response to changes in user expectations or relevant legislation.

Methodology changes are subject to the <u>FTSE Russell Policy for Benchmark Methodology Changes: Ground Rules</u> (<u>lseg.com</u>).

¹ The ICB classification system is published on the LSEG website (<u>https://www.lseg.com/en/ftse-russell/industry-classification-benchmark-icb</u>), and the codes used in the FTSE ESG data model are mapped to this.

Assessment process and timing

Data used to calculate FTSE Russell ESG scores is gathered from publicly available sources at the entity level, including corporate reports, websites, and press releases. Such data sources are generally backward-looking, focused on the most recent financial year for the company, but can include forward-looking elements including climate transition plans and targets for the management of ESG issues.

Companies are assessed once a year within each research cycle, which runs from June to the following March.

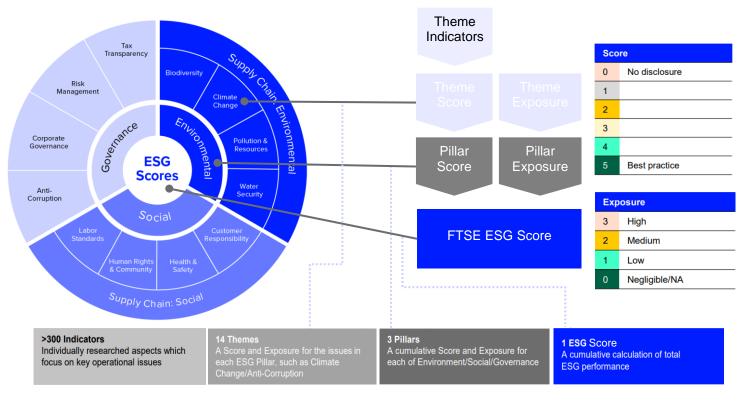
FTSE ESG scores are based on the Annual Report and Corporate Sustainability Report (CSR), or Integrated report, published by the last business day of March (for the June review) and September (for the December Review). All reports need to be published with the same fiscal year to feed into ESG data ahead of an index review. If a company reports to CDP, this report also needs to be available for FTSE Russell to access by the last business day of March or September.

Queries on FTSE ESG Scores can be sent to info@ftserussell.com.

More information can be found in the FAQ on the FTSE ESG score communication process: <u>https://www.lseg.com/content/dam/ftse-russell/en_us/documents/policy-documents/ftse-faq-document-ftse-russell-esg-scores-and-indices.pdf</u>.

1.3 FTSE ESG Scores Model

The FTSE ESG Scores use a company's Theme Exposure and Theme Score assessment to calculate a range of assessments that allow investors to understand a company's ESG practices in multiple dimensions.



1.4 Data structure

The model consists of data at four hierarchical levels for each company in the research universe.



Hierarchy	Description	Methodology	Output	
ESG Score (1)	Measure of the overall quality of a company's management of ESG	Calculated as the Pillar Exposure- weighted average of all three Pillar	0-5 to 1 decimal point (where 5 is highest Score)	
	issues	Scores	ICB Supersector relative Score: 1-100 percentile (where 100 is highest percentile)	
P illars (3) Environmental	Scores. Measure of the quality of a company's respective management	Calculated as the Theme Exposure-weighted average of all	0-5 to 1 decimal point (where 5 is highest Score)	
Social Governance	of ESG issues	applicable Theme Scores	ICB Supersector relative score: 1-10 decile (where 10 is highest decile)	
	Exposure. Measure of the relevance for a company of respective ESG issues	Calculated by averaging the Exposure for all applicable Themes within that Pillar	1-3 to 1 decimal point (where 3 is highest Exposure, i.e. relevance)	
Themes (14) 5 Environmental 5 Social 4 Governance	Scores. Measure of the quality of a company's management of the issues related to each Theme	Calculated based on the percentage of total available Indicator Points that a company has "met" in each Theme, except for the Climate Change Theme which uses TPI MQ Score (see Section 5).	0-5 as an integer (where 5 is highest Score)	
	Exposure. Measure of the relevance for a company of each Theme	Determined largely on industrial activity and operational presence	0-3 as an integer (where 3 is highest Exposure, i.e. relevance, and 0 indicates that the Theme is not relevant)	
Indicators (+300)	Over 300 Indicators in the model with each Theme containing 10 to 35. An average of 125 Indicators	 (i) qualitative Indicators assessing quality of management and approach; 	Points are assigned and are generally 0, 1, or 2 per Indicator. However, for highly significant Indicators, the scoring	
	are applied per company	 (ii) quantitative Indicators measuring corporate data disclosure; 	can be greater	
		 (iii) sector specific Indicators tailored for different industrial sectors; 		
		 (iv) geography specific Indicators tailored for different countries; 		
		 (v) performance Indicators that use the quantitative data to make performance judgements 		

For further details on the calculation approach and a case study, see Section 2.

1.5FTSE ESG Scores Quality Control

To construct the FTSE ESG Dataset, FTSE Russell analysts collect publicly available data from sources including corporate reports, websites, and press releases.

Throughout the data collection and calculation process FTSE Russell applies several layers of quality control to ensure data accuracy. These checks are applied at the company level and at the overall dataset level.

1.6 Quality Measures

Quality measures occur in four stages

- A. Stage 1 Analyst Level quality controls Preliminary data analysis for logics such as document check and targeted indicator check is run for analysts to address errors.
- B. Stage 2 Advanced quality controls This is conducted after an assessment is complete. More experienced quality control analyst conducts further review which includes checking for accuracy of data assessed, guidance interpretation and year-on-year inconsistency.
- C. Stage 3 Company Review of research FTSE contacts every company and allows them to review the data and respond within a four-week timeframe. All companies are given the opportunity to comment on the accuracy and completeness of the company's data within the review period. Companies are asked to share any pertinent, publicly-disclosed information (i.e., information relevant to specific indicator) which was not included in the assessment. After the review period ends, the analyst reviews each company comment and incorporates the relevant changes to the assessment if it meets the guidance criteria. Feedback incorporation on the database is also reviewed and verified by quality control analyst.
- D. Stage 4 Data Analysis is conducted exclusively at the end of each research cycle, I.e., October-November for December review companies and April-May for June Review companies. FTSE Russell quality team conducts quality monitoring checks on qualitative and quantitative data, as well as overall score change exercise to identify big gaps in score.
- E. All data checked, defended, or remedied before being delivered for scoring at the end of the review period.

1.7 Delivery

For new entrants to underlying universes used in FTSE ESG indices, these entities will be assessed for an ESG score within one year.

Section 2 FTSE ESG scores calculation and data sources

2.1 FTSE ESG score calculation steps

Calculation Step 1: Determining Theme Exposures

For each Theme a company's Exposure is identified as High, Medium, Low, or Negligible/Not Applicable (N/A).

The Exposure identification is carried out for each company in each applicable Theme applying a rules-based methodology that uses certain aspects tailored to that Theme.² These aspects include:

- Subsector. The FTSE Industry Classification Benchmark (ICB) Subsector definitions are used to identify the relevance of a Theme for a company. Note that a company will be identified for multiple Subsectors if it has significant operations in more than one; hence there is "one to many" Subsector mapping. Subsectors are categorised as Primary, Secondary, or Tertiary Impact according to the relevance of the Theme to companies in the Subsector. For companies involved in multiple Subsectors, the Subsector with the highest relevance (e.g. Primary Impact Subsector) will be used for Theme Exposure assessments;
- Primary, Secondary, or Tertiary Impact Subsectors: Subsectors are categorised as Primary, Second, or Tertiary Impact according to the relevance of the Theme to the Subsector;
- Geography: This assesses whether the company has operations in countries that are defined as being most relevant to the Theme and hence where the associated impacts are considered greatest³;
- Primary Impact Countries: those countries where associated impacts are greatest, according to a rules-based methodology which uses publicly available data;
- Multinational: This assesses whether a company has over 30% of its revenues derived from outside their domestic region⁴;
- Other Theme Exposures: For the Risk Management Theme consideration is given to the company's cumulative Exposures in the other 13 Themes.

² The methodology for the Exposure classification methodology was developed in consultation with external experts and the relevant FTSE Russell Advisory Committee.

A wide range of publicly available databases, statistics, indices, listings, and scores are used depending on the issue.

⁴ This draws from the <u>FTSE Multinationals Index Series</u> definition. Multinationals are defined as companies that derive 30% or more of their revenue from outside of the domestic region in which they are incorporated.

Theme	Legend	Exposure measures*	Subsector	Geography	Other
Biodiversity	EBD	H/M	\checkmark	\checkmark	Subsector filter
Climate Change	ECC	H/M/L	\checkmark		
Pollution & Resources	EPR	H/M	\checkmark		
Supply Chain: Environmental	ESC	Н	\checkmark		Subsector filter
Water Security	EWT	H/M	\checkmark	\checkmark	Subsector filter
Customer Responsibility	SCR	Н	\checkmark		Subsector filter
Health & Safety	SHS	H/M	\checkmark	\checkmark	
Human Rights & Community	SHR	H/M/L	\checkmark	\checkmark	
Labor Standards	SLS	H/M/L	\checkmark	\checkmark	
Supply Chain: Social	SSC	Н	\checkmark		Subsector filter
Anti-corruption	GAC	H/M	\checkmark	\checkmark	Multinational
Corporate Governance	GCG	М	All		
Risk Management	GRM	Н	\checkmark		Other Theme Exposures
Tax Transparency	GTX	М		\checkmark	Multinational

Tailored for each company in each Theme: Exposure Classification is applied in a unique manner for each company in each Theme as summarised below:

*High (H), Medium (M), Low (L)

Case Study Example Company A

In each step, to demonstrate the methodology, we build on a case study example.

Company A is an automobile company that designs, builds, and sells cars, trucks, and automobile parts globally. In addition to the products it sells to its dealers for consumer retail sales, it also sells cars and trucks to fleet customers, including daily rental car companies, commercial fleet customers, leasing companies and governments. Based in the US, it has operations in more than 40 Primary Impact countries. It is categorised in ICB Subsector 3353 Automobiles and is mapped to ICB Subsector 3355 Auto Parts.

Theme	Legend	Theme exposure (H/M/L)	Rationale
Biodiversity	EBD	N/A	The company does not operate in any Subsector that is applicable to this Theme.
Climate Change	ECC	Medium	ICB 3353 Automobiles is categorised as Secondary Impact for this Theme, and some sector specific indicators apply.
Pollution & Resources	EPR	High	ICB 3353 Automobiles is categorised as Primary Impact for this Theme.
Supply Chain: Environmental	ESC	High	ICB 3353 Automobiles is categorised as Primary Impact for this Theme, and the subsector filter confirms it sources physical inputs from third parties that form part of a final product.
Water Security	EWT	Medium	ICB 3353 Automobiles is categorised as Secondary Impact for this Theme, the subsector filter confirms that the company uses water in its industrial processes, and it operates in Primary Impact countries such as India.
Customer Responsibility	SCR	N/A	The company does not operate in any Subsector that is applicable to this Theme.
Health & Safety	SHS	Medium	ICB 3353 Automobiles is categorised as Secondary Impact for this Theme.
Human rights & Community	SHR	Medium	ICB 3353 Automobiles is categorised as Secondary Impact for this Theme, and the company operates in Primary Impact Countries such as China.
Labor Standards	SLS	High	ICB 3353 Automobiles is categorised as Primary Impact for this Theme, and the company operates in Primary Impact Countries e.g. Brazil, China, Colombia, Mexico.
Supply Chain: Social	SSC	High	ICB 3353 Automobiles is categorised as Primary Impact for this Theme, and the subsector filter confirms it sources physical inputs from third parties that form part of a final product
Anti-corruption	GAC	High	ICB 3353 Automobiles is categorised as Primary Impact for this Theme, and the company operates in Primary Impact Countries such as China, Haiti, and Egypt, and is classified as a Multinational.
Corporate Governance	GCG	Medium	ICB 3353 Automobiles is categorised as Secondary Impact for this Theme.
Risk Management	GRM	High	ICB 3353 Automobiles is categorised as Primary Impact for this Theme.
Tax Transparency	GTX	Medium	The company is operating in Primary Impact Countries such as the Cayman Islands and Switzerland, and is classified as a Multinational.

Calculation Step 2: Indicator Assessment & Scoring

Once the Exposure has been set for each Theme the Theme Indicators are assessed and scored. Companies with higher Exposure are assessed using higher standards than those with lower Exposure, for example by being assessed against more Indicators as part of the Theme scoring.

Here is a summary of the way Indicators are assessed and scored.

Indicator Points: Points are awarded for each Indicator met in a particular Theme.

Indicator Weights: In addition to the Points awarded for each Indicator, each Indicator has a weight. Some Indicators, such as sector-specific and performance Indicators, are given additional weight.

Percentage of Total Indicator Points: The total number of Points awarded is divided by the maximum number of Points possible to give a percentage. This is done for all Themes.

Case Study Example Company A					
Theme	Legend	Theme exposure (H/M/L)	% indicator points scored		
Biodiversity	EBD	N/A	N/A		
Climate Change	ECC	Medium	NAP⁵		
Pollution & Resources	EPR	High	37%		
Supply Chain: Environmental	ESC	High	28%		
Water Security	EWT	Medium	56%		
Customer Responsibility	SCR	N/A	N/A		
Health & Safety	SHS	Medium	7%		
Human Rights & Community	SHR	Medium	23%		
Labor Standards	SLS	High	10%		
Supply Chain: Social	SSC	High	33%		
Anti-corruption	GAC	High	13%		
Corporate Governance	GCG	Medium	89%		
Risk Management	GRM	High	30%		
Tax Transparency	GTX	Medium	7%		

Calculation Step 3: Calculating Theme Scores

To determine a company's Score in any Theme:

The Exposure and the percentage of Indicator Points scored in that Theme is required to determine a Theme score.

For each Theme the number of Indicator "Points" a company meets is calculated as a percentage of total applicable Points and a Theme Score is given based on threshold bands. The threshold bands are higher for companies with a High Exposure than the bands for a company with Low Exposure.

The percentage of Points awarded is applied to the framework below to assign a Theme Score from 0-5, with 5 being the highest. This is repeated for all applicable Themes.

			Theme exposure	
		Low	Medium	High
	0	N/A	0%	0%
ere	1	0–5%	1–5%	1–10%
SCO	2	6–10%	6–20%	11–30%
Theme score	3	11–30%	21–40%	31–50%
Ę	4	31–50%	41–60%	51–70%
	5	51–100%	61–100%	71–100%

Percentage of Indicator Points scored

⁵ The Climate Change Theme Score is derived from a combination of the TPI Management Quality Score and carbon emissions relative to peers. See the <u>Guide to FTSE and Third</u> Party Sustainable Investment Data used in FTSE Indices (Iseg.com) for details on the TPI MQ Score.

Theme	Legend	Theme exposure (H/M/L)	% theme indicator points scored	Theme score (0 to 5)
Biodiversity	EBD	N/A	N/A	N/A
Climate Change	ECC	Medium	NAP ⁶	4
Pollution & Resources	EPR	High	37%	3
Supply Chain: Environmental	ESC	High	28%	2
Water Security	EWT	Medium	56%	4
Customer Responsibility	SCR	N/A	N/A	N/A
Health & Safety	SHS	Medium	7%	2
Human Rights & Community	SHR	Medium	23%	3
Labor Standards	SLS	High	10%	1
Supply Chain: Social	SSC	High	33%	3
Anti-corruption	GAC	High	13%	2
Corporate Governance	GCG	Medium	89%	5
Risk Management	GRM	High	30%	2
Tax Transparency	GTX	Medium	5%	1

Case Study Example Company A

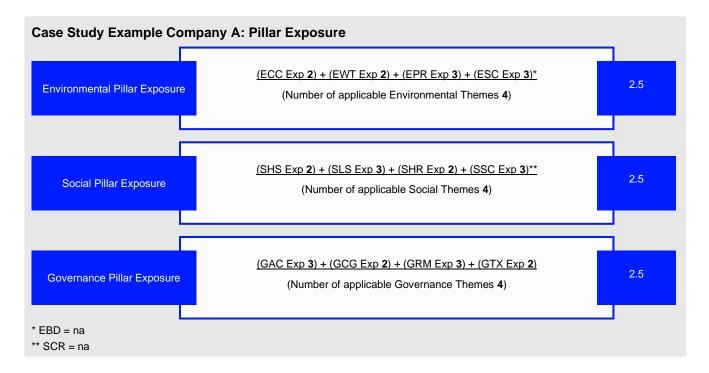
Calculation Step 4: Calculating Pillar Exposures and Pillar Scores

Once the Theme Exposures and Theme Scores are calculated it is possible to calculate the Pillar Exposures and Pillar Scores.

Pillar Exposure

Pillar Exposure is calculated as a weighted average of the applicable Theme Exposures; Themes that are "High Exposure" have a weight of 3, "Medium Exposure" have a weight of 2, and "Low Exposure" have a weight of 1.

The Climate Change Theme Score is derived from a combination of the TPI Management Quality Score and carbon emissions relative to peers. See the <u>Guide to FTSE and Third</u> Party Sustainable Investment Data used in FTSE Indices (Iseg.com) for details on the TPI MQ Score. 6



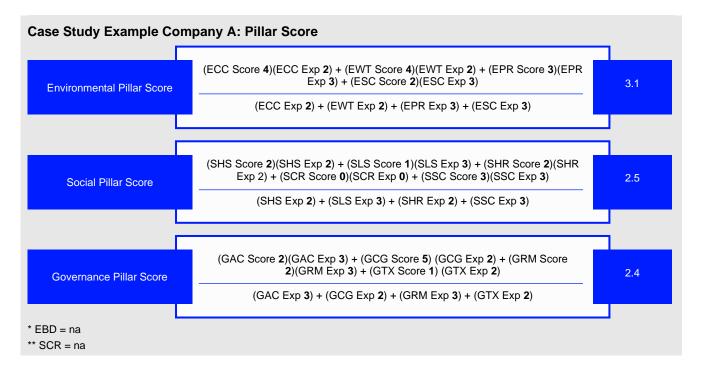
NB: For Company A the Pillar Exposures happen to be equal as a result of the calculation.

Pillar Scores

Pillar Scores are calculated as Exposure weighted averages of the Theme Scores such that the higher Exposure Themes for a particular company have a greater weight. This results in Pillar Scores of 0-5 to one decimal place.

Pillar Supersector Relative Scores

The Pillar Supersector Relative Score is then calculated in deciles (1-10) where 1 equates to the bottom decile of the ESG Scores within the Supersector, and 10 equates to the top decile.



Calculation Step 5: Calculating the Overall Score

ESG Scores: The overall ESG Score is calculated as an Exposure-weighted average of the Pillar Scores. These are calculated to one decimal place.

ESG Score Supersector Relative Score: The ESG Score Supersector Relative Score is then identified as a percentile, where "1" indicates that a company is in the bottom 1% and "100" indicates a company is in the top 1%.

Case Study Example Company A



Appendix A Indicator references

This Appendix contains an alphabetical list of all references used to develop this ESG Methodology. For Theme abbreviations see the tables in Section 2.

References may be used for several Themes, and many Indicators. However, the main Pillar or Theme has been identified where possible.

Source (abbreviation)	Source Organisation	Source Report/Article Name	URL	Main Pillar / Theme
Action Aid	Action Aid	Tax Responsibility and Investor Guide	http://www.actionaid.org.uk/sites/default/files/publications/tax_guide_for_investors_final.pdf	GTX
ATMI	АТМІ	Access to Medicine Index	https://www.accesstomedicineindex.org/access-to-medicine-index	SCR
ATNI	ATNI	Access To Nutrition Index	https://accesstonutrition.org/methodology/	SCR
B-BBEE	South African Government	Broad-Based Black Economic Empowerment	http://www.thedtic.gov.za/financial-and-non-financial-support/b-bbee/b-bbee-codes-b-bbee-acts- strategies-policies/	SLS
BBEnv	Bloomberg	Environmental data fields	https://www.bloomberg.com/europe	EPR
BBRC	Business & Biodiversity Resource Centre	Business & Biodiversity Resource Centre Supporting External Initiatives	http://www.businessandbiodiversity.org/action_support.html	EBD
BITC	Business In The Community	Five Key Principles of Community Investment	https://www.bitc.org.uk/services/community-investment/business-case	SHR
BITC Mkt Resp	Business In The Community	Marketplace Responsibility Principles	http://www.bitc.org.uk/our-resources/report/marketplace-responsibility-principles	SCR
BREEAM	Buildings Research Establishment	BREEAM International New Construction Manual	http://www.breeam.com/BREEAMInt2016SchemeDocument/	ECC
CBD	Convention on Biological Diversity	[International] Convention on Biological Diversity	https://www.cbd.int/nbsap	EBD
CDP	Carbon Disclosure Project	CDP Information Request Reporting Guidance	https://www.cdp.net/en/guidance/guidance-for-companies	ECC
CDPWater	CDP Research	CDP Global Water Report 2018	https://www.cdp.net/en/research/global-reports/global-water-report-2018	EWT

Source (abbreviation)	Source Organisation	Source Report/Article Name	URL	Main Pillar Theme
CERESWater	CERES	Murky Waters? Corporate Reporting on Water Risk	http://ccsl.iccip.net/ceres_murky-waters.pdf	EWT
Children's Rights BP	Unicef, Global Compact, Save the Children	Children's Rights and Business Principles	http://www.unglobalcompact.org/docs/issues_doc/human_rights/CRBP/Childrens_Rights_and_Bus iness_Principles.pdf	SHR
CHRB	Corporate Human Rights Benchmark	2019 Methodology for the Agricultural Products, Apparel and Extractive industries	https://www.worldbenchmarkingalliance.org/corporate-human-rights-benchmark/	SHR
Christian Aid	Christian Aid	Tax and Sustainability: A framework for businesses and socially responsible investors	https://www.christianaid.org.uk/sites/default/files/2017-08/accounting-for-change-tax-sustainability- october-2011.pdf	GTX
Cranfield	Cranfield University	Collaboration in the Supply Chain	http://www.som.cranfield.ac.uk/som/p2860/Programmes-and-Executive- Development/Doctorates/The-PhD-Programme/How-to-apply/Structure/The-Cranfield-PhD- Collaboration-in-the-Supply-Chain	SSC
DB Beyond Numbers	Deutsche Bank	Beyond the Numbers - Corporate Governance: Implication for Investors	http://www.unepfi.org/fileadmin/documents/materiality1/cg_deutsche_bank_2004.pdf	GCG
DEFRA Green Claims	Dept of Environment, Food and Rural Affairs	Green Claims Guidance	https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/69301/pb13453- green-claims-guidance.pdf	SCR
EC-HR-Article 10	European Convention	European Convention on Human Rights - Article 10	http://www.echr.coe.int/Documents/Convention_ENG.pdf	SHR
Equator Principles	Equator Principles Financial Institutions	The Equator Principles III June 2013	http://www.equator-principles.com/resources/equator_principles_III.pdf	SSC, SCR
ETI	Ethical Trading Initiative	ETI Base Code	https://www.ethicaltrade.org/sites/default/files/shared_resources/ETI%20Base%20Code%20%28E nglish%29.pdf	SSC, ESC
EU	European Union	Emissions Standards	http://www.dieselnet.com/standards/eu/ghg.php	ECC
FRC CG	Financial Reporting Council	The UK Corporate Governance Code	https://www.frc.org.uk/	GCG
GRI	Global Reporting Initiative	G4 Sustainability Reporting Guidelines	https://www.globalreporting.org/	E/S/G
GRI FS	Global Reporting Initiative	G4 Sector Disclosures : Financial Services	https://www.globalreporting.org/	E/S/G

Source (abbreviation)	Source Organisation	Source Report/Article Name	URL	Main Pillar / Theme
GRI	Global Reporting Initiative	G4 Sustainability Reporting Guidelines	https://www.globalreporting.org/	SHR
HM 42	HM Revenue & Customs	ERSM 140070 Reporting Requirements Form 42	http://www.hmrc.gov.uk/manuals/ersmmanual/ersm140070.htm	GCG
HSE - risks	Health & Safety Executive	Health & Safety Made Simple: Risk assessment (web-site)	https://www.hse.gov.uk/simple-health-safety/risk/index.htm	SHS
HSE benchmarking tool	Health & Safety Executive	Health & Safety Benchmarking - Improving Together	http://www.mtpinnacle.com/pdfs/benchmarking.pdf	SHS
HSE polity template	Health & Safety Executive	HSE Prepare a health and safety policy	https://www.hse.gov.uk/simple-health-safety/policy/index.htm	SHS
IAEA	International Atomic and Energy Agency	Environmental impact assessment for uranium mine, mill, and in-situ leach projects	http://www-pub.iaea.org/MTCD/publications/PDF/te_979_prn.pdf	SHS
IBE	Institute of Business Ethics	Communicating Ethical Standards	http://www.ibe.org.uk/communicating-ethical-values/104/52	SLS
ICGN	International Corporate Governance Network	ICGN Global Stewardship Principles	https://www.icgn.org/sites/default/files/ICGNGlobalStewardshipPrinciples.pdf	GCG
ICMM	International Council on Mining and Metals	ICMM Sustainable Development Framework 10 Principles	https://www.icmm.com/en-gb/our-principles	EBD
IFC	International Finance Corporation	The Risk Management Balancing Act	https://www.ifc.org/	GCG
IIA	The Institute of Internal Auditors	The Three Lines of Defense in Effective Risk Management and Control	http://www.pwc.com/gx/en/insurance/pdf/three_lines_of_defence.pdf	GRM
ILO C100	International Labor Organisational Minimum Age Convention	ILO Equal Remuneration Convention	http://www.ilo.org/wcmsp5/groups/public/ed_norm/ declaration/documents/publication/wcms_decl_fs_84_en.pdf_	SLS
ILO C105	International Labor Organisational Minimum Age Convention	ILO Abolition of Forced Labor Convention	https://normlex.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100_ILO_CODE:C10 5	SLS
ILO C107	International Labor Organisational Minimum Age Convention	ILO Indigenous and Tribal Populations Convention 1957	http://www.oas.org/dil/1957 Convention concerning Indigenous and Tribal Peoples ILO Convention No 107).pdf	SHR

Source (abbreviation)	Source Organisation	Source Report/Article Name	URL	Main Pillar / Theme
ILO C111	International Labor Organisational Minimum Age Convention	ILO Convention concerning Discrimination in Respect of Employment and Occupation	http://www.ilo.org/wcmsp5/groups/public/@dgreports/@gender/documents/genericdocument/wcms _114189.pdf	SLS
ILO C131	International Labor Organisational Minimum Age Convention	ILO Minimum Wage Convention	http://www.ilo.org/dyn/normlex/en/f?p=1000:51:0:::51:P51_CONTENT_REPOSITORY_ID:3073389	SLS
ILO C138	International Labor Organisational Minimum Age Convention	ILO Minimum Age Convention	https://normlex.ilo.org/dyn/normlex/en/f?p=1000:12100:0::NO::P12100_ILO_CODE:C138	SLS
ILO C169	International Labor Organisational Minimum Age Convention	ILO Indigenous and Tribal Populations Convention 1991	http://www.ilo.org/wcmsp5/groups/public/ed_norm/ normes/documents/publication/wcms_100897.pdf	SHR
ILO C173	International Labor Organisational Minimum Age Convention	ILO Protection of Worker's Claims (Employer's Insolvency) Convention	http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100_ILO_CODE:C173	SLS
ILO C182	International Labor Organisational Minimum Age Convention	Worst Forms of Child Labor	https://www.ilo.org/wcmsp5/groups/public/ed_norm/ declaration/documents/publication/wcms_decl_fs_46_en.pdf	SLS
ILO C29	International Labor Organisational Minimum Age Convention	ILO Forced Labor Convention	https://normlex.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100_ILO_CODE:C02 9	SLS
ILO C30	International Labor Organisational Minimum Age Convention	ILO Hours of Work Convention	http://www.ilo.org/public/english/standards/relm/ilc/ilc93/pdf/rep-iii-1b.pdf	SLS
ILO C87	International Labor Organisational Minimum Age Convention	ILO Freedom of Association and Protection of the Right to Organise Convention	https://normlex.ilo.org/dyn/normlex/en/f?p=normlexpub:12100:0::no::p12100_instrument_id:312232	SLS
ILO C94	International Labor Organisational Minimum Age Convention	ILO Labor Clauses (Public Contracts) Convention	http://www.ilo.org/wcmsp5/groups/public/@ed_norm/@normes/documents/publication/wcms_0996 99.pdf	SLS
ILO C95	International Labor Organisational Minimum Age Convention	ILO Protection of Wages Convention	http://www.ilo.org/public/english/standards/relm/ilc/ilc91/pdf/rep-iii-1b.pdf	SLS

Source (abbreviation)	Source Organisation	Source Report/Article Name	URL	Main Pillar / Theme
ILO C98	International Labor Organisational Minimum Age Convention	ILO Right to Organise and Collective Bargaining Convention	https://normlex.ilo.org/dyn/normlex/en/f?p=1000:12100:0::no::P12100_llo_Code:C098	SLS
ILO-OSH 2001	International Labor Organisation	ILO-OSH 2001 Guidelines on Occupational Safety and Health Management Systems	http://www.ilo.org/wcmsp5/groups/public/ed_protect/protrav/ safework/documents/normativeinstrument/wcms_107727.pdf	SHS
loD and HSE	Institute of Directors and the Health and Safety Executive	IoD and HSE Leading Health and Safety at Work	http://www.hse.gov.uk/pubns/indg417.pdf	SHS
IOSCO	International Organization of Securities Regulators ("IOSCO")	IOSCO Principles for Auditor Oversight	http://www.iosco.org/library/pubdocs/pdf/IOSCOPD134.pdf	GCG
IPIECA KPIs	IPIECA the global oil and gas industry association for environmental and social issues	Section 5. Health & Safety Indicators	https://www.ipieca.org/resources/sustainability-reporting-guidance	SHS
IRM	Institute of Risk Management	Risk Management Standard	https://www.theirm.org/what-we-do/what-is-enterprise-risk-management/irms-risk-management- standard/	GRM
ISO 14001	International Standards Organisation	Environmental Management Systems	https://www.iso.org/obp/ui/#iso:std:iso:14001:ed-2:v1:en	EPR
ISO 26000	International Organisation for Standardisation	International Standard: Guidance on Social Responsibility	https://www.iso.org/iso-26000-social-responsibility.html	E/S/G
LBG Making a Difference	London Benchmarking Group	Making a Difference: Corporate Community Investment: a whole programme approach to measuring results	https://corporate-citizenship.com/wp-content/uploads/Making-a-difference.pdf	SHR
Nat Step	Natural Step Canada	Towards a Gold-Standard Benchmark for a Sustainable Business	http://www.naturalstep.ca/sites/default/files/gold-standard-benchmark-for-sustainable-business.pdf	EPR
Natural Value	Natural Value Initiative	NVI Toolkit - Ecosystem Services Benchmark VI (excel)	https://www.unepfi.org/publications/the-natural-value-initiative-the-ecosystem-services-benchmark/	EBD
OECD CG	OECD	OECG Principles of Corporate Governance	http://www.oecd.org/daf/ca/corporategovernanceprinciples/31557724.pdf	GCG

Source (abbreviation)	Source Organisation	Source Report/Article Name	URL	Main Pillar Theme
OSHAS 18001	British Standards Institute	Occupational health and safety management systems. Requirements	https://www.bsigroup.com/en-GB/capabilities/health-and-safety/iso-45001-occupational-health- and-safety/	SHS
PRI	UNEP FI (United Nations Environment Program for Financial Institutions)	Principles for Responsible Investment: The Six Principle's	https://www.unpri.org/about-us/what-are-the-principles-for-responsible-investment?	SSC
PRI-Integ- Analysis	Principles for Responsible Investment	Integrated Analysis: How Investors are Addressing Environmental, Social and Governance Factors in Fundamental Equity Valuation	https://www.unpri.org/listed-equity/integrated-analysis-how-investors-are-addressing-esg-factors- in-fundamental-equity-valuation/153.article	SSC
PRI	Principles for Responsible Investment	Engagement Guidance on Corporate Tax Responsibility	https://www.rafp.fr/en/engagement-guidance-corporate-tax-responsability	GTX
PSI	UNEP FI (United Nations Environment Program for Financial Institutions	Principles for Sustainable Insurance	http://www.unepfi.org/fileadmin/documents/PSI_document-en.pdf	SSC
Salz	Salz Review	Salz Review: An Independent Review of Barclays Business Practices	https://www.euromoney.com/	GCG
SASB	Sustainability Accounting Standards Board	SASB Standards	https://sasb.ifrs.org/standards/	SHR
SEC	Securities Exchange Commission	SEC Rules for Reserves Reporting	https://www.sec.gov/files/rules/final/2008/33-8995.pdf	ECG
SEDEX	SEDEX	SEDEX Supplier Workbook	https://www.sedex.com/	SSC
SSEI	UN Sustainable Stock Exchange Initiative	2016 SSE Report on Progress Overview	https://unctad.org/system/files/official-document/unctad_sse_2016d1.pdf/_	SSC
Stoxx/Dr Axel Hesse	Dr. Axel Hesse for German Federal Env Ministry	SD-KPI Standard 2010 – 2014	https://www.sd-m.de/images/files/SD-KPIndex_How_to_integrate_material_ESG_2014.pdf	E/S/G
TEEB	TEEB The Economics of Ecosystems & Biodiversity	Mainstreaming the Economics of Nature	http://www.teebweb.org/wp- content/uploads/Study%20and%20Reports/Reports/Synthesis%20report/TEEB%20Synthesis%20 Report%202010.pdf_	EBD
ТІ	Transparency International	Business Principles for Countering Bribery	http://www.transparency.org/whatwedo/pub/business_principles_for_countering_bribery_	GAC

Source (abbreviation)	Source Organisation	Source Report/Article Name	URL	Main Pillar / Theme
TPI	Transition Pathway Initiative	Transition Pathway Initiative Management Quality (MQ) Score_	https://www.transitionpathwayinitiative.org/methodology	ECC
UN Code Enforcement	United Nations	UN Code of Conduct for Law Enforcement Officials	https://www.ohchr.org/Documents/ProfessionalInterest/codeofconduct.pdf	SHR
UN Force & Firearms	United Nations	UN Basic Principles on the Use of Force and Firearms	https://www.ohchr.org/sites/default/files/Documents/ProfessionalInterest/firearms.pdf	SHR
UN OHCR GP	United Nations High Commission for Human Rights	United Nations High Commission for Human Rights Guiding Principles	http://www.ohchr.org/Documents/Publications/GuidingPrinciplesBusinessHR_EN.pdf	SHR
UNDR Indigenous	United Nations	United Nations Declaration of the Rights of Indigenous Peoples	http://www.un.org/esa/socdev/unpfii/documents/DRIPS_en.pdf_	SHR
UNEP FI HR Toolkit	UNEP FI (United Nations Environment Program for Financial Institutions	Human Rights Guidance Tool for the Financial Sector	http://www.unepfi.org/humanrightstoolkit/fundamentals.php	SHR
UNEP- Translating	UNEP FI (United Nations Environment Program for Financial Institutions	Translating ESG into Sustainable Business Value UNEP FI and WBCSD	http://www.unepfi.org/fileadmin/documents/translatingESG.pdf	EBD
UNGC	UN Global Compact	UN Global Compact Principle 10	https://www.unglobalcompact.org/what-is-gc/mission/principles/principle-10	GAC
UNGP	UN Guiding Principles	UN Guiding Principles Reporting Framework	https://www.ungpreporting.org/wp- content/uploads/UNGPReportingFramework_withguidance2017.pdf_	SHR
World Bank	World Bank	Towards Sustainable Decommissioning and Closure of Oil Fields and Mines: A Toolkit to Assist Government Agencies	https://documents.worldbank.org/en/publication/documents- reports/documentdetail/417371468149083097/towards-sustainable-decommissioning-and-closure- of-oil-fields-and-mines-a-toolkit-to-assist-government-agencies	SHR

Appendix B Further information

A glossary of terms used in FTSE Russell's Ground Rule documents can be found using the following links:

Glossary.pdf

Glossary - ESG

For contact details please visit the FTSE Russell website or contact FTSE Russell client services at info@ftserussell.com.

Website: https://www.lseg.com/en/ftse-russell/industry-classification-benchmark-icb

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