

## GSS Bond Index Service Mapping Template

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<b>Date of completion</b>	<b>Contact details</b>
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<b>Section A - Description of index</b>	
<b>Index overview</b>	
<b>Index name</b>	FTSE Global Impact Bond Index
<b>Please provide a brief description of the index [max. 100 words]</b>	<p>The FTSE Impact Bond Index Series offers a complete set of tools and benchmarks to cover the fast-growing Green, Social and Sustainability (GSS) bonds. In comparison to traditional bonds, Impact Bonds have greater transparency in their use of proceeds and project impacts, providing a vehicle for investors who are looking for investments which yield direct climate, environmental or social benefits.</p> <p>The FTSE Impact Bond Series leverage Refinitiv data and Climate Bonds Initiative (CBI) data to identify underlying bonds that are in compliance with corresponding international guidelines. Specifically, CBI data is used to identify eligible Green Bonds whose use of proceeds are in line with the Paris Agreement. Refinitiv data identifies eligible Social and Sustainability Bonds that are in line with the core components of International Capital Markets Association (ICMA) Social Bond Principles (SBP) and/or ICMA Sustainability Bond Guidelines (SBG).</p>
<b>Launched (year)</b>	2022
<b>Index dissemination</b>	<a href="#">Licensed Index Users - Direct feeds or over third party distribution platforms (BBG, Factset, Refinitiv)</a>
<b>Webpage/Documentation link</b>	<a href="https://www.ftserussell.com/products/indices/impact-bond">https://www.ftserussell.com/products/indices/impact-bond</a>

Eligibility criteria	
<b>Index factors</b>	Green, Social and Sustainable Bonds
<b>Project category selection</b>	<p><i>Green Project Categories refers to ICMA Green Bond Principles (GBP),</i></p> <p><i>i. Renewable energy</i></p> <p><i>ii. Energy efficiency</i></p> <p><i>iii. Pollution prevention and control</i></p> <p><i>iv. Environmentally sustainable management of living natural resources and land use</i></p> <p><i>v. Terrestrial and aquatic biodiversity conservation</i></p> <p><i>vi. Clean transportation</i></p> <p><i>vii. Sustainable water and wastewater management</i></p> <p><i>viii. Climate change adaptation</i></p> <p><i>ix. Eco-efficient and/or circular economy adapted products, production technologies and processes</i></p> <p><i>x. Green buildings</i></p> <p><i>Social Project Categories refers to ICMA Social Bond Principles (SBP),</i></p> <ul style="list-style-type: none"> <li>• <i>Affordable basic infrastructure (e.g. clean drinking water, sewers, sanitation, transport, energy)</i></li> <li>• <i>Access to essential services (e.g. health, education and vocational training, healthcare, financing and financial services)</i></li> <li>• <i>Affordable housing</i></li> <li>• <i>Employment generation, and programs designed to prevent and/or alleviate unemployment stemming from socioeconomic crises, including through the potential effect of SME financing and microfinance</i></li> <li>• <i>Food security and sustainable food systems (e.g. physical, social, and economic access to safe, nutritious, and sufficient food that meets dietary needs and requirements; resilient agricultural practices; reduction of food loss and waste; and improved productivity of small-scale producers)</i></li> <li>• <i>Socioeconomic advancement and empowerment (e.g. equitable access to and control over assets, services, resources, and opportunities; equitable participation and integration into the market and society, including reduction of income inequality)</i></li> </ul>
<b>Comments</b>	
<b>Sector</b>	Government, government-sponsored, supranational, collateralized, and corporations
<b>Market coverage</b>	Global IG And HY
<b>Is the index an EU Climate Transition Benchmark?</b>	No
<b>Is the index an EU Paris-aligned Benchmark?</b>	No
<b>Is the index recognised under any other regulation?</b>	The Benchmarks Regulation (BMR) compliant
<b>GSS bond eligibility: Alignment</b>	<p>Green Bond Principles (GBP)</p> <p>Social Bond Principles (SBP)</p> <p>Sustainability Bond Guidelines (SBG)</p> <p>CBI Climate Bond Standard (CBS)</p>
<b>Comments</b>	

<b>GSS bond eligibility: Methodology</b>	<p><b>Green Eligibility</b> The Climate Bond Initiative (CBI) provides independent analysis on green bond use of proceeds and provides opinions on the green credential of the intended proceeds allocation. CBI screens each labelled green bond against its Climate Bonds Taxonomy based on issuer's public disclosure, and assists investors to understand if the bond use of proceeds is in line with eligible categories that are in line with the Paris target.</p> <p><b>Social and Sustainability Eligibility</b> Social and Sustainability index eligibility data are sourced from Refinitiv. Refinitiv data identifies social and sustainability bonds that comply with the core principles suggested by International Capital Markets Association (ICMA) Social Bond Principles (SBP) and/or ICMA Sustainability Bond Guidelines (SBG).</p> <p>Bonds' index eligibility is checked via issuing documents such as a bond prospectus, or an external review such as a second party opinion (SPO) report. To comply with ICMA GBP or SBP, a bond has to meet the following requirements:</p> <ul style="list-style-type: none"> <li>a) Use of Proceeds</li> <li>b) Process for Project Evaluation and Selection</li> <li>c) Management of Proceeds</li> <li>d) Reporting</li> </ul>
<b>Last update to methodology</b>	2022
<b>Data input</b>	Climate Bond Initiative, Refinitiv
<b>If sourced from data provider(s), name of data provider(s)</b>	Refinitiv
<b>Data adjustments or estimates</b>	No
<b>Verification and quality of data</b>	The FTSE Impact Bond Series leverage Refinitiv data and Climate Bonds Initiative (CBI) data to identify underlying bonds that are in compliance with corresponding international guidelines. Specifically, CBI data is used to identify eligible Green Bonds whose use of proceeds are in line with the Paris Agreement. Refinitiv data identifies eligible Social and Sustainability Bonds that are in line with the core components of International Capital Markets Association (ICMA) Social Bond Principles (SBP) and/or ICMA Sustainability Bond Guidelines (SBG).
<b>Comparability across securities</b>	ICMA Principles are defined standards and application is comparable across securities, subject to correct disclosure of issuers
<b>Eligible currencies</b>	Government: local currencies Corporate and others: AUD, CHF, CNH, CNY, EUR, GBP, JPY, USD

<b>Ongoing reporting criteria and frequency</b>	Issuers should make, and keep, readily available up to date information on the use of proceeds to be renewed annually until full allocation. The report should include the lists of green and/or social projects to which the bond proceeds have been allocated, amounts allocated, and their expected green and/or social impact. Refinitiv fixed income ESG team will conduct an annual review against the post issuance report. A bond will be removed from the index if the issuer fails to release a post-issuance report publicly in the 18-month period since the issue date or last reporting date.
<b>Maturity</b>	Minimum Maturity: At least one year
<b>Credit quality</b>	Minimum quality depends on the underlying index, including both Investment-Grade and High-Yield
<b>Amount outstanding</b>	Government: Varies by each local market Corporate and others: AUD 100 million, CHF 100 million, CNH 1 billion, CNY 1 billion, EUR 500 million, GBP 200 million, JPY 20 billion, USD 250 million
<b>Coupon type</b>	Fixed-rate fixed-to-floating rate and zero coupon
<b>Qualifying bonds</b>	Bullet, sinking fund, puttable, extendable, or callable
<b>Exclusions</b>	Self Labelled, Pure Play, ABS and MBS

Index maintenance	
<b>Ongoing alignment methodology</b>	<p>On an ongoing basis, the availability of post issuance reports, which bond issuers have committed to comply with in accordance with relevant ICMA principles, will be confirmed for index inclusion purposes. The search for a post issuance report will be conducted approaching the 12th month since a bond was issued . For example, if a bond is issued on January 15, the search will take place in January of the following year.</p> <p>Index handling for the availability of post issuance reports is described as follows:</p> <ul style="list-style-type: none"> <li>• <b>Post issuance report is available</b> <ul style="list-style-type: none"> <li>o If the post issuance report is available and all net proceeds has been fully allocated, the bond will be considered to have fulfilled the reporting commitment permanently.</li> <li>o If the latest post issuance report is available and the proceeds have not been fully allocated, the bond will be subject to follow-up post issuance report confirmations on an annual basis until the proceeds are fully allocated.</li> </ul> </li> <li>• <b>Post issuance report is not available</b> <ul style="list-style-type: none"> <li>o If its first post issuance report is not available immediately after the 12th month since a bond issued, it will be placed on a Watch List for an additional 6-months. For example, if a bond is issued on January 15, and the post issuance report is not available in January of the following year, the bond will remain index eligible subject to a subsequent search for a post issuance report in July of the same year.</li> <li>o A bond will be removed from the index if the issuer fails to release a post issuance report publicly in the 18-month period since the issue date. For example, if a bond is issued on January 15, and the post issuance report is not available by the end July in the following year, it will be removed from the index at the July month-end rebalance.</li> <li>o If an issuer fails to release a report for an 18-month period since its latest post issuance report where proceeds had not been fully allocated, the bond will also be removed from the index.</li> <li>o When an index bond is removed, it's no longer considered eligible for inclusion in the future</li> </ul> </li> </ul>
<b>Price source</b>	Refinitiv Evaluated Pricing
<b>Frequency of calculating</b>	Daily
<b>Frequency of rebalancing</b>	Monthly
<b>Weighting method</b>	Market Cap Weighted
<b>If index a mix of Green, Social project categories: allocation method across GSS projects</b>	The FTSE Impact Bond Index Series offers sub-indices based on use of proceeds, naming FTSE Green Impact, FTSE Social Impact and FTSE Sustainability Impact. If the bond is a mix of Green and Social project categories, it will be classified as a Sustainability Bond and will be in FTSE Sustainability Impact Bond Index.
<b>New issuances</b>	New Issues Screened and once validated are added to the index
<b>Description of governance</b>	<p><b>Amendments to these Ground Rules</b></p> <p>These Ground Rules shall be subject to regular review (at least once a year) by FTSE Russell to ensure that they best reflect the aim 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.</p> <p><b>FTSE Russell Governance Framework</b></p> <p>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 Benchmarks, the European benchmark regulation and the UK benchmark regulation.</p>

<b>Section B - About the Administrator</b>	
<b>Index Administrator</b>	FTSE Fixed Income LLC (FTSE)
<b>National Supervisory Authority</b>	The UK's Financial Conduct Authority (FCA) has granted FTSE International Limited authorization as a benchmark administrator and FTSE International Limited is listed on the FCA Benchmarks Register. This authorization is comprehensive across asset classes, and covers the FTSE, Russell, FTSE Canada equity and fixed income indexes that are known to be used as benchmarks in the United Kingdom. With regard to the UK's departure from the EU, the third country transitional provisions provide for continued provision of benchmarks administered by FTSE International Limited as a non-EU based administrator up until 31 December 2023. The fixed income indexes acquired from Citigroup Indices LLC in August 2017 will continue to be administered by the US-based entity, FTSE Fixed Income LLC, according to the EU BMR's and UK BMR's third country transitional provisions. <a href="https://www.ftserussell.com/governance/regulation">https://www.ftserussell.com/governance/regulation</a>
<b>Alignment to IOSCO Objectives and Principles of Securities Regulation and the IOSCO Assessment Methodology?</b>	Yes
<b>About the Administrator</b>	FTSE Russell is a leading global provider of benchmarks, analytics, and data solutions with multi-asset capabilities. FTSE Russell's expertise and products are used extensively by institutional and retail investors globally. For over 30 years, leading asset owners, asset managers, ETF providers, and investment banks have chosen FTSE Russell indexes to benchmark their investment performance and create investment funds, ETFs, structured products and index-based derivatives. FTSE Russell indexes also provide clients with tools for asset allocation, investment strategy analysis and risk management.