

Consultation on potential enhancement of the Bloomberg Barclays MSCI Green Bond Index Methodology

Proposal for Consultation

Beginning with the September 2021 rebalance of the Bloomberg Barclays MSCI Global Green Bond Index, we propose to update the green bond eligibility criteria defined by MSCI ESG Research and used within this suite of indexes to include bonds where an amount equal to the net proceeds raised are allocated to eligible projects.

We have seen an increasing issuance of green bonds where immediate proceeds raised are used for general corporate purposes or for redeeming general purpose bonds and the issuer later makes an adjustment of an *amount equal* to the proceeds raised in its balance sheet towards green projects. Historically, the MSCI Green Bond Assessment Methodology has considered such bonds to be ineligible. However, MSCI ESG Research is now proposing to consider such bonds to be eligible, based on the following:

- The ICMA Green Bond Principles state that "the net proceeds of the green bond, or an amount equal to these net proceeds" should be tracked by the issuer. As the MSCI Green Bond Assessment Methodology aims to align with the ICMA Green Bond Principles, we propose to expand our eligibility criteria accordingly.
- While this financing structure was prevalent largely in Real Estate Investment
 Trusts, we are now seeing it emerging across other industries and we propose to
 update our methodology to account for this shift.

All such bonds would need to adhere to all four principles of the MSCI Green Bond Assessment Methodology, which includes annual reporting on green bond use of proceeds as detailed in the Methodology. If an issuer fails to report on the allocation of an amount equal to net proceeds raised within the timeframe specified in the Methodology (i.e., 18 months post issuance or post the previous green bond reporting, until bond maturity or full allocation), the bond would be deemed ineligible.

Based on this update, Figure 1 details the bonds that were historically considered ineligible but would be added to the Bloomberg Barclays MSCI Green Bond Index if the proposed methodology update is implemented.

Figure 1. Bonds to be included in the Bloomberg Barclays MSCI Green Bond Index if proposed methodological updates are implemented:



ISIN	Ticker	Issuer name	Coupon	Maturity	Issue date	Country	Ссу	Amt Out (million)
US44107TAY29	HST	HOST HOTELS & RESORTS LP	3.375	15-Dec-29	26-Sep-19	USA	USD	650
US44107TAZ93	HST	HOST HOTELS & RESORTS LP	3.5	15-Sep-30	20-Aug-20	USA	USD	750
US90265EAS90	UDR	UDRINC	3.1	01-Nov-34	11-Oct-19	USA	USD	300
US90265EAU47	UDR	UDRINC	1.9	15-Mar-33	14-Dec-20	USA	USD	350
CA019456AH51	APUC N	ALLIED PROPERTIES REAL ESTATE INVESTMENT TRUST	1.726	12-Feb-26	12-Feb-21	CAN	CAD	600
US015271AW93	ARE	ALEXANDRIA REAL ESTATE EQUITIES INC	2.0	18-May-32	18-Feb-21	USA	USD	900
XS2304340263	EQIX	EQUINIX, INC.	0.25	15-Mar-27	10-Mar-21	USA	EUR	500
XS2304340693	EQIX	EQUINIX, INC.	1.0	15-Mar-33	10-Mar-21	USA	EUR	600
US29444UBS42	EQIX	EQUINIX, INC.	2.50	15-May-31	17-May-21	USA	USD	1000
US929043AK39	VNO	VORNADO REALTY LP	2.15	01-Jun-26	24-May-21	USA	USD	400
US929043AL12	VNO	VORNADO REALTY LP	3.40	01-Jun-31	24-May-21	USA	USD	350

MSCI and Bloomberg will be taking feedback regarding this proposed methodology update till 20th August 2021. We will announce the results of the same on 26th August 2021 and implement the results in the September 2021 rebalance of the Bloomberg Barclays MSCI Green Bond Index.

If you have any objections or questions, please contact the Bloomberg Help Desk, indexhelp@bloomberg.net, MSCI ESG team at esgclientservice@msci.com, or MSCI Index Team at clientservice@msci.com, by August 20, 2021.



Contact us

AMERICAS

clientservice@msci.com

1 888 588 4567 *
+ 1 404 551 3212
+ 1 617 532 0920
+ 1 312 675 0545
+ 52 81 1253 4020
+ 1 212 804 3901
+ 1 415 836 8800
+ 55 11 3706 1360
+ 1 416 628 1007

EUROPE, MIDDLE EAST & AFRICA

Cape Town	+ 27 21 673 0100
Frankfurt	+ 49 69 133 859 00
Geneva	+ 41 22 817 9777
London	+ 44 20 7618 2222
Milan	+ 39 02 5849 0415
Paris	0800 91 59 17 *

ASIA PACIFIC

China North	10800 852 1032 *
China South	10800 152 1032 *
Hong Kong	+ 852 2844 9333
Mumbai	+ 91 22 6784 9160
Seoul	00798 8521 3392 *
Singapore	800 852 3749 *
Sydney	+ 61 2 9033 9333
Taipei	008 0112 7513 *
Thailand	0018 0015 6207 7181 *
Tokyo	+ 81 3 5290 1555

^{* =} toll free

About MSCI

MSCI is a leading provider of critical decision support tools and services for the global investment community. With over 50 years of expertise in research, data and technology, we power better investment decisions by enabling clients to understand and analyze key drivers of risk and return and confidently build more effective portfolios. We create industry-leading research-enhanced solutions that clients use to gain insight into and improve transparency across the investment process.

To learn more, please visit www.msci.com.

The process for submitting a formal index complaint can be found on the index regulation page of MSCI's website at: https://www.msci.com/index-regulation.



Notice and disclaimer

This document and all of the information contained in it, including without limitation all text, data, graphs, charts (collectively, the "Information") is the property of MSCI Inc. or its subsidiaries (collectively, "MSCI"), or MSCI's licensors, direct or indirect suppliers or any third party involved in making or compiling any Information (collectively, with MSCI, the "Information Providers") and is provided for informational purposes only. The Information may not be modified, reverse-engineered, reproduced or redisseminated in whole or in part without prior written permission from MSCI. All rights in the Information are reserved by MSCI and/or its Information Providers.

The Information may not be used to create derivative works or to verify or correct other data or information. For example (but without limitation), the Information may not be used to create indexes, databases, risk models, analytics, software, or in connection with the issuing, offering, sponsoring, managing or marketing of any securities, portfolios, financial products or other investment vehicles utilizing or based on, linked to, tracking or otherwise derived from the Information or any other MSCI data, information, products or services.

The user of the Information assumes the entire risk of any use it may make or permit to be made of the Information. NONE OF THE INFORMATION PROVIDERS MAKES ANY EXPRESS OR IMPLIED WARRANTIES OR REPRESENTATIONS WITH RESPECT TO THE INFORMATION (OR THE RESULTS TO BE OBTAINED BY THE USE THEREOF), AND TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, EACH INFORMATION PROVIDER EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF ORIGINALITY, ACCURACY, TIMELINESS, NON-INFRINGEMENT, COMPLETENESS, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE) WITH RESPECT TO ANY OF THE INFORMATION

Without limiting any of the foregoing and to the maximum extent permitted by applicable law, in no event shall any Information Provider have any liability regarding any of the Information for any direct, indirect, special, punitive, consequential (including lost profits) or any other damages even if notified of the possibility of such damages. The foregoing shall not exclude or limit any liability that may not by applicable law be excluded or limited, including without limitation (as applicable), any liability for death or personal injury to the extent that such injury results from the negligence or willful default of itself, its servants, agents or sub-contractors.

Information containing any historical information, data or analysis should not be taken as an indication or guarantee of any future performance, analysis, forecast or prediction. Past performance does not guarantee future results.

The Information should not be relied on and is not a substitute for the skill, judgment and experience of the user, its management, employees, advisors and/or clients when making investment and other business decisions. All Information is impersonal and not tailored to the needs of any person, entity or group of persons.

None of the Information constitutes an offer to sell (or a solicitation of an offer to buy), any security, financial product or other investment vehicle or any trading strategy

It is not possible to invest directly in an index. Exposure to an asset class or trading strategy or other category represented by an index is only available through third party investable instruments (if any) based on that index. MSCI does not issue, sponsor, endorse, market, offer, review or otherwise express any opinion regarding any fund, ETF, derivative or other security, investment, financial product or trading strategy that is based on, linked to or seeks to provide an investment return related to the performance of any MSCI index (collectively, "Index Linked Investments"). MSCI makes no assurance that any Index Linked Investments will accurately track index performance or provide positive investment returns. MSCI Inc. is not an investment adviser or fiduciary and MSCI makes no representation regarding the advisability of investing in any Index Linked Investments.

Index returns do not represent the results of actual trading of investible assets/securities. MSCI maintains and calculates indexes, but does not manage actual assets. Index returns do not reflect payment of any sales charges or fees an investor may pay to purchase the securities underlying the index or Index Linked Investments. The imposition of these fees and charges would cause the performance of an Index Linked Investment to be different than the MSCI index performance.

The Information may contain back tested data. Back-tested performance is not actual performance, but is hypothetical. There are frequently material differences between back tested performance results and actual results subsequently achieved by any investment strategy.

Constituents of MSCI equity indexes are listed companies, which are included in or excluded from the indexes according to the application of the relevant index methodologies. Accordingly, constituents in MSCI equity indexes may include MSCI Inc., clients of MSCI or suppliers to MSCI. Inclusion of a security within an MSCI index is not a recommendation by MSCI to buy, sell, or hold such security, nor is it considered to be investment advice.

Data and information produced by various affiliates of MSCI Inc., including MSCI ESG Research LLC and Barra LLC, may be used in calculating certain MSCI indexes. More information can be found in the relevant index methodologies on www.msci.com.

MSCI receives compensation in connection with licensing its indexes to third parties. MSCI Inc.'s revenue includes fees based on assets in Index Linked Investments. Information can be found in MSCI Inc.'s company filings on the Investor Relations section of www.msci.com.

MSCI ESG Research LLC is a Registered Investment Adviser under the Investment Advisers Act of 1940 and a subsidiary of MSCI Inc. Except with respect to any applicable products or services from MSCI ESG Research, neither MSCI nor any of its products or services recommends, endorses, approves or otherwise expresses any opinion regarding any issuer, securities, financial products or instruments or trading strategies and MSCI's products or services are not intended to constitute invest ment advice or a recommendation to make (or refrain from making) any kind of investment decision and may not be relied on as such. Issuers mentioned or included in any MSCI ESG Research materials may include MSCI Inc., clients of MSCI or suppliers to MSCI, and may also purchase research or other products or services from MSCI ESG Research. MSCI ESG Research materials, including materials utilized in any MSCI ESG Indexes or other products, have not been submitted to, nor received approval from, the United States Securities and Exchange Commission or any other regulatory body.

Any use of or access to products, services or information of MSCI requires a license from MSCI. MSCI, Barra, RiskMetrics, IPD and other MSCI brands and product names are the trademarks, service marks, or registered trademarks of MSCI or its subsidiaries in the United States and other jurisdictions. The Global Industry Classification Standard (GICS) was developed by and is the exclusive property of MSCI and Standard & Poor's. "Global Industry Classification Standard (GICS)" is a service mark of MSCI and Standard & Poor's.

MIFID2/MIFIR notice: MSCI ESG Research LLC does not distribute or act as an intermediary for financial instruments or structured deposits, nor does it deal on its own account, provide execution services for others or manage client accounts. No MSCI ESG Research product or service supports, promotes or is intended to support or promote any such activity. MSCI ESG Research is an independent provider of ESG data, reports and ratings based on published methodologies and available to clients on a subscription basis. We do not provide custom or one-off ratings or recommendations of securities or other financial instruments upon request.

For information about how MSCI collects and uses personal data, please refer to our Privacy Notice at https://www.msci.com/privacy-pledge.