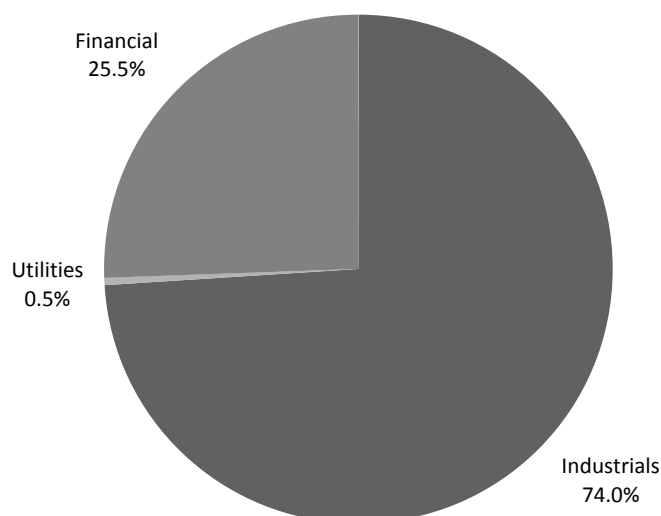


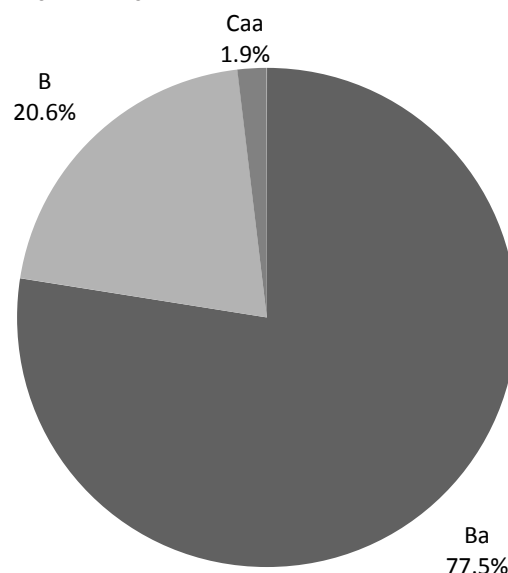
Bloomberg Barclays MSCI Euro Corporate High Yield Sustainable BB+ SRI Bond Index

The Bloomberg Barclays MSCI Euro Corporate High Yield Sustainable BB+ SRI Bond Index measures the Euro-denominated, high yield, fixed-rate corporate bond market and follows the rules of the Bloomberg Barclays Euro High Yield Index and applies additional ESG criteria for security eligibility. Securities are classified as high yield if the middle rating of Moody's, Fitch and S&P is Ba1/BB+/BB+ or below. Bonds from issuers with an emerging markets country of risk, based on the indices' EM country definition, are excluded. The index includes issuers with MSCI ESG ratings of BB or higher and negatively screens issuers that are involved in business activities that are restricted because they are inconsistent with certain values-based business involvement criteria, and those issuers with a "red" MSCI ESG Controversy Score.

Composition by Sector (MV%) - as of June 28, 2019



Composition by Quality (MV%) - as of June 28, 2019



Rules for Inclusion

Sector	Corporate (industrial, financial institutions, utility) issues only.
Eligible Currencies	Principal and interest must be denominated in EUR.
Quality	<p>Securities must be rated high yield (Ba1/BB+/BB+ or below) using the middle rating of Moody's, S&P and Fitch; when a rating from only two agencies is available, the lower is used; when only one agency rates a bond, that rating is used. In cases where explicit bond level ratings may not be available, other sources may be used to classify securities by credit quality:</p> <ul style="list-style-type: none"> Expected ratings at issuance may be used to ensure timely index inclusion or to classify split-rated issuers properly. Unrated securities may use an issuer rating for index classification purposes if available. Unrated subordinated securities are included if a subordinated issuer rating is available.

Rules for Inclusion

Amount Outstanding	EUR 250mn minimum par amount outstanding.	
Coupon	<ul style="list-style-type: none"> • Fixed-rate coupon. • Pay-in-kind (PIK) bonds and toggle notes are eligible. Partial PIKs are excluded. • Callable fixed-to-floating rate and fixed-to-variable bonds are eligible during their fixed-rate term only. • Bonds with a step-up coupon that changes according to a predetermined schedule are eligible. 	
Maturity	<ul style="list-style-type: none"> • At least one year until final maturity, regardless of optionality. • Bonds that convert from fixed to floating rate, including fixed-to-float perpetuals, will exit the index one year prior to conversion to floating-rate. Fixed-rate perpetuals are not included. • Sub-indices based on maturity are inclusive of lower bounds. Intermediate maturity bands include bonds with maturities of 1 to 9.999 years. Long maturity bands include maturities of 10 years or greater. 	
Seniority of Debt	Senior and subordinated issues are included.	
Taxability	<ul style="list-style-type: none"> • Only fully taxable issues are eligible. • Dividend Received Deduction (DRD) and Qualified Dividend Income (QDI) eligible securities are excluded. 	
Market of Issue	Publicly issued in the global and regional markets.	
Security Types	<p>Included</p> <ul style="list-style-type: none"> • Bullet, puttable, sinkable/amortizing and callable bonds • Original issue zero coupon bonds • Pay-in-kind (PIK) bonds and toggle notes • Fixed-rate and fixed-to-float (including fixed-to-variable) capital securities 	<p>Excluded</p> <ul style="list-style-type: none"> • Debt issued by emerging markets corporate issuers • Defaulted bonds • Contingent capital securities, including traditional CoCos and contingent write-down securities, with explicit capital ratio or solvency/balance sheet-based triggers • Bonds with equity type features (eg, warrants, convertibles, preferreds, DRD/QDI-eligible issues) • Partial pay-in-kind (PIK) bonds • Inflation-linked bonds, floating-rate issues • Private placements, retail bonds • Structured notes, pass-through certificates • Illiquid securities with no available internal or third-party pricing source

Environment, Social, and Governance (ESG) Rules

MSCI ESG Rating	<ul style="list-style-type: none"> • Securities must have an MSCI ESG Rating of BB or higher. • Unrated issuers from sectors with ratings are excluded. • Ratings are applied at the Barclays ticker level. Every bond within the same ticker will have the same MSCI ESG Rating. • MSCI ESG Ratings are generally updated annually, but may be reviewed more frequently as needed.
Business Involvement Screens	<p>The index excludes issuers involved in the following business lines/activities as per the standard Bloomberg Barclays MSCI SRI screen:</p> <ul style="list-style-type: none"> • Alcohol • Tobacco • Gambling • Adult Entertainment • Genetically Modified organisms (GMO) • Nuclear Power

Rules for Inclusion

- Civilian Firearms
- Military Weapons
 - Landmine Manufacturing
 - Cluster Bomb Manufacturing
 - Depleted Uranium Weapons
 - Chemical and Biological Weapons Components

Involvement is defined for each restricted activity and may be based on % of revenue, total revenue, or any tie regardless of revenue.

The index additionally excludes issuers with greater than 5% revenue from the business activities related to

- Thermal Coal
- Generation of Thermal Coal
- Oil Sands

MSCI ESG Impact Monitor Screens

Excludes any issuer with a “Red” MSCI ESG Impact Monitor score (less than 1), which measures an issuer’s involvement in major ESG controversies and how well they adhere to international norms and principles.

Rebalancing Rules

Issuer Capping Methodology Issuers that exceed 3% of the market value of the uncapped Bloomberg Barclays MSCI Euro High Yield Sustainable BB+ SRI Bond Index are limited at 3%. The excess market value over the 3% cap is redistributed on a pro rata basis to all other issuers’ bonds in the index that are under the 3% cap. The process is repeated until no issuer exceeds the 3% limit. For example, an issuer that represents 4% of the uncapped index will have 1% of the index’s market value redistributed to each bond from all issuers under the 3% cap on a pro rata basis. The 3% issuer cap is applied each month as the index is rebalanced.

Frequency For each index, Bloomberg maintains two universes of securities: the Returns (Backward) and the Projected (Forward) Universes. The composition of the Returns Universe is rebalanced at each month-end and represents the fixed set of bonds on which index returns are calculated for the next month. The Projected Universe is a forward-looking projection that changes daily to reflect issues dropping out of and entering the index but is not used for return calculations. On the last business day of the month (the rebalancing date), the composition of the latest Projected Universe becomes the Returns Universe for the following month.

Index Changes During the month, indicative changes to securities (credit rating change, sector reclassification, amount outstanding changes, corporate actions, and ticker changes) are reflected daily in the Projected and Returns Universe of the index. These changes may cause bonds to enter or fall out of the Projected Universe of the index on a daily basis, but will affect the composition of the Returns Universe at month-end only, when the index is next rebalanced.

Reinvestment of Cash Flows Intra-month cash flows from interest and principal payments contribute to monthly index returns but are not reinvested at a short-term reinvestment rate between rebalance dates. At each rebalancing, cash is effectively reinvested into the Returns Universe for the following month so that index results over two or more months reflect monthly compounding.

New Issues Qualifying securities issued, but not necessarily settled on or before the month-end rebalancing date, qualify for inclusion in the following month’s index if the required security reference information and pricing are readily available.

Pricing and Related Issues

Sources & Frequency All index-eligible bonds are priced on a daily basis by Bloomberg’s evaluated pricing service, BVAL.

Pricing Quotes Prices are quoted as a percentage of par.

Timing

- 4.15pm (London time) each day.

Pricing and Related Issues

	<ul style="list-style-type: none"> On early market closes, prices are taken as of 12pm (London time) unless otherwise noted. If the last business day of the month is a UK holiday, prices from the previous day are used.
Bid or Offer Side	<ul style="list-style-type: none"> The initial price for new issues entering the index is the offer side; after the first month, the bid price is used. For issues entering the Euro High Yield index from the Euro investment grade index, the securities enter the index on the bid side. Prior to June 1, 2017, all bonds were priced on the bid side only.
Settlement Assumptions	<ul style="list-style-type: none"> T+1 calendar day settlement basis. At month-end, settlement is assumed to be the first calendar day of the following month, even if the last business day is not the last day of the month, to allow for one full month of accrued interest to be calculated.
Verification	Daily price moves for each security are analyzed and compared with other third-party pricing sources by the index pricing team to identify outliers. Index users may also challenge price levels, which are then reviewed and updated as needed using input from various sources.
Currency Hedging	Returns hedged to various non-EUR currencies are published for the Bloomberg Barclays MSCI Euro Corporate High Yield Sustainable BB+ SRI Bond Index. The indices' FX hedging methodology takes rolling one-month forward contracts that are reset at the end of each month and hedges each non-reporting currency-denominated bond in the index into the reporting currency terms. No adjustment is made to the hedge during the month to account for price movements of constituent securities in the returns universe of the index.
Calendar	The Bloomberg Barclays MSCI Euro Corporate High Yield Sustainable BB+ SRI Bond Index follows the US bond market holiday schedule.

Accessing Index Data

Bloomberg Terminal®	<p>Bloomberg benchmarks are the global standard for capital markets investors.</p> <ul style="list-style-type: none"> INDEX<Go> – The Bloomberg Indices landing page is a dashboard for index-related information on the terminal. Find daily and monthly index returns for key indices from each index family as well as index publications including methodologies, factsheets, monthly reports, updates and alerts. IN<Go> – The Bloomberg Index Browser displays the latest performance results and statistics for the indices as well as history. IN presents the indices that make up Bloomberg's global, multi-asset class index families into a hierarchical view, facilitating navigation and comparisons. The "My Indices" tab allows a user to focus on a set of favorite indices. PORT<Go> – Bloomberg's Portfolio & Risk Analytics solution includes tools to analyze the risk, return, and current structure of indices. Analyze the performance of a portfolio versus a benchmark or use models for performance attribution, tracking error analysis, value-at-risk, scenario analysis, and optimization. DES<Go> – The index description page provides transparency into an individual index including membership information, aggregated characteristics and returns, and historical performance.
Bloomberg Indices Website (www.bloomberg.com/professional/product/indices)	<p>The index website makes available limited index information including:</p> <ul style="list-style-type: none"> Index methodology and factsheets Current performance numbers for select indices
Data Distribution	<p>Index subscribers may choose to receive index data in files. Files may include:</p> <ul style="list-style-type: none"> Index level and/or constituent level returns and characteristics for any indices Automatic delivery of files via email or SFTP following the completion of the index production process after market close Clients may receive standard files or may customize file contents Index data is also available via authorized redistributors

Bloomberg Total Return Index Value Tickers: Bloomberg Barclays MSCI Euro Corporate High Yield Sustainable BB+ SRI Bond and Related Indices

Ticker	Index	Ticker	Index
I35046EU	Bloomberg Barclays MSCI Euro Corporate High Yield Sustainable BB+ SRI Bond Index	LG03TRUU	Global HY
LP01TRUU	Pan Euro Corporate HY	LG50TRUU	Global HY Corporate
LP10TRUU	Pan Euro Corporate HY 3% issuer capped	BEBGTRUU	EM USD Aggregate HY
LP02TRUU	Euro HY	BEHOTRUU	EM Hard Currency Aggregate HY
LR98TRUU	US Corporate HY	LF89TRUU	US Corporate HY 2% Issuer Capped

Total Return Index Values are available in other currencies and on a hedged basis. Attributes such as yield and duration, are also available. Please refer to Accessing Bloomberg Barclays Index Data Using Bloomberg Tickers for a full list of tickers and attributes that are available.

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- Index–Linked Insurance Products
- Custom Index Solutions
- Exchange Traded Funds (ETFs)
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