Bloomberg Equity Eurozone Top 40 Consumer Discretionary Index Methodology

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Bloomberg

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Introduction

This methodology (the "Methodology") has been made available by Bloomberg Index Services Limited ("BISL") and sets out the rules, criteria, risk factors and other information applicable to the Bloomberg Equity Eurozone Top 40 Consumer Discretionary Indices (the "Indices" and each, an "Index"). Capitalized terms used in this Methodology but not otherwise defined have the meanings set forth in Annex I (Glossary).

The Indices aim to represent an equity portfolio consisting of the forty largest companies, by float market capitalization, from the Eurozone Developed Market regions and, in the Consumer Discretionary sector. The companies are weighted by free-float market capitalization.

The Decrement overlay aims to represent the performance of the underlying Index after the deduction of a daily performance fee in the form of a yield or index points.

Section 1: Overview

Index series	Bloomberg Eurozone Top 40 Consumer Discretionary Indices
Base Date	2015-03-30
Rebalance	Quarterly
Publication	Weekdays
Indices	See Appendix II: Index tickers and names
Decrement Indices	See Appendix II: Index tickers and names

Section 2: Eligibility

The eligible securities for the Indices are derived from the Bloomberg Global Equity Indices Methodology. The eligible universe consists of the following:

Parameter	
Country	Eurozone Developed Markets
Size	Large, Mid, Small
Sector	Consumer Discretionary
Currency	EUR

Section 3: Selection

Companies are ranked by their free-float market capitalization and the top 40 issuers are selected.

Section 4: Weighting

The selected companies are weighted by their free-float market capitalization.

Weights are allocated to one security per issuer, by selecting the security with the highest 3-month average daily traded value (ADTV). If a selected company is a current index member, the same security is retained, provided the ADTV is at least 70% of the company security with the highest ADTV.

Section 5: Maintenance

Index calculation

This Methodology should be read in conjunction with the Bloomberg Global Equity Index Methodology for details on index calculation, input data and exercise of discretion.

This Methodology should be read in conjunction with Bloomberg Decrement Index Methodology for details on the decrement return calculations.

Index review

The Indices are rebalanced quarterly in line with the rebalancing schedule of the Bloomberg Global Equity Index Methodology in March, June, September and December.

Pro-forma changes will be announced with 10 full business day advance notification.

Corporate actions

The following table outlines specific treatment for intra-rebalance corporate action handling. Please refer to the Bloomberg Non-Market Cap Corporate Action Methodology for more detail on how BISL treats specific corporate actions.

Event type	Handling
Initial Public Offering ("IPO")	IPO securities are ineligible for inclusion.
Spin-off	A child security created from an Index constituent will be added to the Index on the ex-date and removed on the inclusion date.
M&A	Proceeds from cash deals will be reinvested across the Index. If an Index constituent makes an acquisition involving shares for another Index constituent there will be an increase in shares proportional to the deal terms. If an Index constituent is acquired by a non-Index constituent in an acquisition involving shares, the target will be removed, but the acquirer shares will not be added to the Index.

Section 6: Backtest assumptions

The rules outlined above are applied historically.

Section 7: Risks and Limitations

Risks

The following is a summary of certain risks associated with the Index but is not meant to be an exhaustive list of all risks associated with the Index. Although the Index is designed to be representative of the markets it is measuring, it may not be representative of every use case. There is also inherent, though transparent, judgment in its construction, as outlined in this Methodology. The Index is designed for general applicability and not to address the individual circumstances and needs of users. BISL does not advise about the usefulness of the Index to a particular circumstance; users are therefore encouraged to seek their own counsel for such matters. This Methodology is subject to change, which may impact its usefulness to users. Although efforts will be made to alert users of any change, every individual user may not be aware of them. Such changes may also significantly impact the usefulness of the Index. BISL may also decide to cease publication of this Index. BISL maintains internal policies regarding user transitions, but no guarantee is given that an adequate alternative is available generally or for a particular use case. Markets for stocks, as with all markets, can be volatile. As the Index is designed to measure this market, it could be materially impacted by market movements, thus significantly affecting the use or usefulness of the Index for some or all users. Also, certain equity markets are less liquid than others – even the most liquid markets may suffer periods of illiquidity. Illiquidity can have an impact on the quality or amount of data available to BISL for calculation and may cause the Index to produce unpredictable results.

Limitations of the index

Though the Index is designed to be representative of the markets it measures or otherwise aligns with its stated objective, it may not be representative in every case or achieve its stated objective in all instances. It is designed and calculated strictly to follow the rules of this Methodology, and any Index level or other output is limited in its usefulness to such design and calculation.

Markets can be volatile, including those market interests that the Index measures or upon which the Index is dependent to achieve its stated objective. For example, illiquidity can have an impact on the quality or amount of data available to the administrator for calculation and may cause the Index to produce unpredictable or unanticipated results.

In addition, market trends and changes to market structure may render the objective of the Index unachievable or to become impractical to replicate by investors.

In particular, the Index measures global equity markets. As with all equity investing, the Index is exposed to market risk. The value of equities fluctuate with the changes in economic forecasts, interest rate policies established by central banks and perceived geo-political risk. The Index does not take into account the cost of replication and as a result a tracking portfolio's returns will underperform the Index with all else equal. As the Index is designed to measure those markets, it could be materially impacted by market movements, thus significantly impacting the use or usefulness of the fixings for some or all users.

In addition, certain sub-indices may be designed to measure smaller subsets of the Index such as specific styles, size, and sector. Some of these sub-indices have very few qualifying constituents and may have none for a period of time. During such period, the sub-index will continue to be published at its last value, effectively reporting a 0% return, until new constituents qualify. If no constituents are expected to qualify (due to changes in market structure and other factors), the sub-index may be discontinued. In such an event, this discontinuation will be announced to index users.

Section 8: Benchmark oversight and governance

Benchmark governance, audit and review structure

Please refer to the BISL Benchmark Procedures Handbook available here.

Index and data reviews

Please refer to the BISL Benchmark Procedures Handbook available here.

Expert judgement

Please refer to the BISL Benchmark Procedures Handbook available here.

Conflicts of interest

Please refer to the BISL Benchmark Procedures Handbook available here.

Restatement policy

Please refer to the BISL Benchmark Procedures Handbook available here.

Cessation Policy

Please refer to the BISL Benchmark Procedures Handbook available here.

Appendix I: Glossary

BICS	Bloomberg Industry Classification System
Determination date	date at which the weight for each security is determined for the rebalance
Rebalance date	2nd Wednesday of March, June, September and December

Appendix II: Index Tickers and Names

Ticker	Name	Currency	Base Value	Index Type	Decrement	Underlying Ticker	Day Count Convention	Launch Date
BEU40CDP	Bloomberg Eurozone Top 40 Consumer Discretionary Price Return Index (EUR)	EUR	1000	Price Return				Apr-2023
BEU40CDT	Bloomberg Eurozone Top 40 Consumer Discretionary Total Return Index (EUR)	EUR	1000	Total Return				Apr-2023
BEU40CDN	Bloomberg Eurozone Top 40 Consumer Discretionary Net Return Index (EUR)	EUR	1000	Net Total Return				Apr-2023
BEU40CDD	Bloomberg Eurozone Top 40 Consumer Discretionary Decrement 50 Points Index (EUR)	EUR	845.77829	Point Decrement	50 bps	BEU40CDT (TR)	Act/365	Apr-2023
BEU40CDE	Bloomberg Eurozone Top 40 Consumer Discretionary Decrement 5% Index (EUR)	EUR	1000	Percentage Decrement	5%	BEU40CDN (NTR)	Act/365	Jan-2024

Appendix III: ESG Disclosure

EXPLANATION OF HOW ESG FACTORS ARE REFLECTED IN THE KEY ELEMENTS OF THE BENCHMARK METHODOLOGY	
Item 1. Name of the benchmark administrator.	Bloomberg Index Services Limited ("BISL")
Item 2. Type of benchmark or family of benchmarks. *Choose the relevant underlying asset from the list provided in Annex II to Commission Delegated Regulation (EU)*2020/1816.	Equity
Item 3. Name of the benchmark or family of benchmarks.	Bloomberg Equity Eurozone Top 40 Consumer Discretionary Index
Item 4. Does the benchmark methodology for the benchmark or family of benchmarks take into account ESG factors?	No
Item 5. Where the response to Item 4 is positive, please list below, for each family of benchmarks, those ESG factors that are taken into account in the benchmark methodology, taking into account the ESG factors listed in Annex II to Delegated Regulation (EU) 2020/1816. Please explain how those ESG factors are used for the selection, weighting or exclusion of underlying assets. The ESG factors shall be disclosed at an aggregated weighted average value at the level of the family of benchmarks.	
(a) List of environmental factors considered:	Not applicable
(b) List of social factors considered:	Not applicable
(c) List of governance factors considered:	Not applicable
Item 6. Where the response to Item 4 is positive, please list below, for each benchmark, those ESG factors that are taken into account in the benchmark methodology, taking into account the ESG factors listed in Annex II to Delegated Regulation (EU) 2020/1816, depending on the relevant underlying asset concerned. Please explain how those ESG factors are used for the selection, weighting or exclusion of underlying assets. The ESG factors shall not be disclosed for each constituent of the benchmark, but shall be disclosed at an aggregated weighted average value of the benchmark. Alternatively, all of this information may be provided in the form of a hyperlink to a website of the benchmark administrator included in this explanation. The information on the website shall be easily available and accessible. Benchmark administrators shall ensure that information published on their website remains available for five years.	
(a) List of environmental factors considered:	Not applicable
(b) List of social factors considered:	Not applicable
(c) List of governance factors considered:	Not applicable
Hyperlink to the information on ESG factors for each benchmark:	
Item 7. Data and standards used	
(a) Data input. (i)*Describe whether the data are reported, modelled or sourced internally or externally.*	Not applicable

(ii)*Where the data are reported, modelled or sourced externally, please name the third party data provider.*	
(b) Verification and quality of data. *Describe how data are verified and how the quality of those data is ensured.*	Not applicable
(c) Reference standards *Describe the international standards used in the benchmark methodology.*	Not applicable
Date on which information has been last updated and reason for the update:	April 2023, index launched

Disclaimer

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