



# **Methodology Guide**

## **Prime Equity CEF Index**

Version 1.6 dated November 16, 2022

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This document contains the underlying principles regarding the structure and the operation of the Prime Equity CEF Index (the “Index”). Prime Indexes shall make every effort to implement these principles. Prime Indexes does not offer any explicit or tacit guarantee or assurance, neither pertaining to the results from the use of the Index nor the Index value at any certain point in time nor in any other respect. The Index is calculated and disseminated by Solactive AG and it strives to the best of its ability to ensure the correctness of the calculation. There is no obligation for Prime Indexes irrespective of possible obligations to issuers – to advise third parties, including investors and/or financial intermediaries, of any errors in the Index. The publication of the Index by Prime Indexes is not a recommendation for capital investment and does not contain any assurance or opinion of Prime Indexes regarding a possible investment in a financial instrument based on this Index.

### **Introduction**

This document is to be used as a guideline with regard to the composition, calculation and management of the Index. Any changes made to the guideline are initiated by the Committee specified in section 1.6. The Index is calculated and published by Solactive AG, on behalf of Prime Indexes. The name “Prime Indexes” is trademarked.

## 1 Index specifications

The Prime Equity CEF Index (the “Index”) is an Index of Prime Indexes and is calculated and distributed by Solactive AG.

The index is designed to measure the performance of the twenty-five highest ranked equity Closed-End Funds (“CEF’s”) (together, the “Index Components”) with a substantial allocation to stocks or other income generating securities, pay dividends, are listed in the United States, and that have satisfied the remaining eligibility requirements described herein. The CEF ranking algorithm is determined by the Prime Scoring and Selection Factors defined below.

There are three different versions of the index calculated and published by Solactive AG:

- Gross Total Return
- Net Total Return
- Price Return

The Index is published in US Dollars.

### 1.1 Short name and ISIN

The Index is distributed under the following codes and symbols:

Name	Bloomberg	Reuters	ISIN	WKN
<a href="#">Prime Equity CEF Index GTR</a>	PECEF Index	.PECEF	DE000SLA2225	SLA222
<a href="#">Prime Equity CEF Index NTR</a>	NA	.PECEFN	DE000SLA2233	SLA223
<a href="#">Prime Equity CEF Index PR</a>	NA	.PECEFP	DE000SLA2241	SLA224

### 1.2 Initial value

The Index is based on 100 at the close of trading on the start date, 6<sup>th</sup> February, 2017.

### 1.3 Distribution

The Index is published via the price marketing services of Boerse Stuttgart AG and is distributed to all affiliated vendors. Each vendor decides on an individual basis as to whether it will distribute/display the Index via its information systems.

## **1.4 Prices and calculation frequency**

The price of the Index is calculated on each Business Day based on the prices on the respective Exchanges on which the Index Components are listed. The most recent prices of all Index Components are used. Should there be no current price available on Reuters, the most recent price or the Trading Price on Reuters for the preceding Trading Day is used in the calculation.

The Index is calculated every Business Day from 9:00am to 10:30pm, CET. In the event that data cannot be provided to Reuters or to the pricing services of Boerse Stuttgart AG, then the Index cannot be distributed. Incorrect calculations or errors may be adjusted on a retrospective basis.

## **1.5 Weighting**

On each Selection Day each Index Component is weighted based on its Prime Score relative to the Prime Score of the other Index Components. Specifically, the scores of the twenty-five Index Components, as defined in the Prime Scoring and Selection Factors, are summed. Then, each Index Component's score is divided by the summed total to determine its respective weighting in the Index.

Each Index Component will be capped at a maximum weight of 15% at each Selection Day. Any Index Component that, as a result of its Prime Scoring and Selection Factors at the time of adjustment, would have a weighting greater than 15%, then that Index Component will have the difference between 15% and its indicated weight distributed amongst the other portfolio constituents proportionately.

If, at the time of the index reconstitution, any Index Component in a tracking investment product i) represents a net asset amount in that product that exceeds six times the three-month average daily value traded for the Index Component, and ii) all such components represent, in aggregate, more than 15% of the index weight, then Prime Indexes may reduce the combined weight to address regulatory requirements and liquidity concerns.

Prime Indexes may, at its own discretion, and in response to industry best practices and/or changing regulatory requirements, modify any part of this index methodology.

## **1.6 Decision-making bodies**

A Committee composed of staff from Prime Indexes is responsible for decisions regarding the composition of the Index as well as any amendments to the rules (in this document referred to as the "Committee" or the "Index Committee"). The future composition of the Index is determined by the Committee on the Selection Days according to the procedure outlined in 2.1 of this document. The Committee shall also decide about the future composition of the Index, if any Extraordinary Events should occur and the implementation of any necessary adjustments.

Members of the Committee can recommend changes to the guideline and submit them to the Committee staff for approval.

## **1.7 Publication**

All specifications and information relevant for calculating the Index are made available on <http://www.primeindexes.com> and sub-pages.

## **1.8 Historical data**

Historical data will be maintained from the base date of the Index on 6<sup>th</sup> February, 2017.

## 1.9 Licensing

Licences to use the Index as the underlying value for derivative instruments or investment products are issued to stock exchanges, banks, financial services providers and investment houses by Prime Indexes.

## 2 Composition of the Index

### 2.1 Selection of the Index Components

The initial composition of the Index as well as any ongoing adjustment is based on the following rules:

On the Selection Days, Prime Indexes defines its CEF Universe, a selection pool that satisfies the following eligibility requirements:

**Component Security Type Requirement:** Closed-End Fund (“CEF”)

**Exchange Listing Requirement:** Primary listing on the NYSE ARCA, NASDAQ or BATS exchanges

**Liquidity Requirement:** \$1 million 3-Month Average Daily Value Traded

**Assets Under Management Requirement:** \$200 million or greater

**Distribution Frequency Requirement:** Monthly or quarterly

**CEF Focus Requirement:** CEFs eligible for inclusion include those with portfolios consisting of at least 80% in equities or other equity-related income generating securities.

After defining the CEF Universe, Prime Indexes applies the Prime Scoring and Selection Factors to determine the Index Components. The Prime Scoring and Selection Factors are as follows:

1. Prime Indexes ranks each CEF in the CEF Universe based on the following four factors:
  - a. Distribution Rate, in ascending order. The Distribution Rate is calculated by dividing the sum of the fund's trailing 12-month distributions paid, and not considered to be special or extraordinary by Prime Indexes, by the share price at the time of calculation
  - b. Premium/Discount Rate, in descending order. The Premium/Discount is calculated by fund share price premium/discount to net asset value (“NAV”)
  - c. Total Expense Ratio, in descending order. Total Expense Ratio is defined as the total annual fund operating expenses, expressed as a percentage of the assets under management, as publicly disclosed by the fund
  - d. Liquidity Value, in ascending order. The Liquidity Value is defined as the average daily value of shares traded over the prior 3-month period, and calculated using the each day's closing share price and total shares traded, and then averaged over the time period.
2. Each of the individual ranks is then multiplied by a corresponding weighting percentage. The weighting percentages for each factor is as follows: Distribution Rate is assigned a 40% weight; Premium/Discount Rate is assigned a 40% weight; Total Expense Ratio is assigned a 10% weight, and; Liquidity Value is assigned a 10% weight.

After multiplying each of the rankings by their respective factors, the four factor-weighted ranks are then summed to compute a final score. The top twenty-five scoring CEFs are then selected for the Index Components. Any ties are broken by the higher Distribution Rate.

## **2.2 Ordinary adjustment**

The composition of the Index is determined on the second Thursday in January or the next Business Day if this happens to be a non-Business Day (the “Selection Day”).

The adjustments are made on the third Thursday of January or the next Business Day if this happens to be a non-Business Day (the “Adjustment Day”) based on the Trading Prices of the Index Components on the Adjustment Day.

## **2.3 Extraordinary adjustment**

The Committee may, but is under no obligation to, substitute an Index Component with a successor Index Component upon the occurrence of an Extraordinary Event as determined by Prime Indexes. Any such successor Index Component shall be included in the Index after the close of business on the day when an Extraordinary Event has been determined by Prime Indexes.

### 3 Calculation of the Index

#### 3.1 Index formula

The Index Value on a Business Day at the relevant time is calculated in accordance with the following formula:

$$Index_t = \frac{\sum_{i=1}^n x_{i,t} * p_{i,t} * f_{i,t}}{D_t}$$

with:

$x_{i,t}$  = Number of Index Shares of the Index Component i on Trading Day t

$p_{i,t}$  = Price of Index Component i on Trading Day t

$f_{i,t}$  = Foreign exchange rate to convert the Price of Index Component i on Trading Day t into the Index Currency

$D_t$  = Divisor on Trading Day t

The initial Divisor on the Start Date is calculated according to the following formula:

$$D_t = \frac{\sum_{i=1}^n (p_{i,t} * f_{i,t} * x_{i,t})}{100}$$

After the close of trading on each Adjustment Day t the new Divisor is calculated as follows:

$$D_t = \frac{\sum_{i=1}^n (p_{i,t} * f_{i,t} * x_{i,t})}{Index_t}$$

This Divisor is valid starting the immediately following Business Day.

#### 3.2 Adjustments

Indices need to be adjusted for systematic changes in prices once these become effective. This requires the new Number of Index Shares of the affected Index Component and the Divisor to be calculated on an ex-ante basis.

Following the Committee's decision, the Index is adjusted for distributions, capital increases and stock splits.

This procedure ensures that the first ex quote can be properly reflected in the calculation of the Index. This ex-ante procedure assumes the general acceptance of the Index calculation formula as well as open access to the parameter values used. The calculation parameters are provided by the Index Calculator.

### 3.3 Dividends and other distributions

Dividend payments and other distributions are included in the Gross Total Return Index and Net Total Return Index. They cause an adjustment of the Divisor. The new Divisor is calculated as follows:

$$D_{t+1} = D_t * \frac{\sum_{i=1}^n (p_{i,t} * f_{i,t} * x_{i,t}) - (x_{i,t} * y_{i,t} * g_{i,t})}{\sum_{i=1}^n (p_{i,t} * f_{i,t} * x_{i,t})}$$

with

$p_{i,t}$  = Price of Index Component i on Trading Day t

$f_{i,t}$  = Foreign exchange rate to convert the Price of Index Component i on Trading Day t into the Index Currency

$x_{i,t}$  = Number of Index Shares of the Index Component i on Trading Day t

$y_{i,t}$  = Distribution of Index Component i with ex date t+1 multiplied by the Dividend Correction Factor

$g_{i,t}$  = Foreign exchange rate to convert the amount of the distribution of Index Component i on Trading Day t into the Index Currency

$D_t$  = Divisor on Trading Day t

$D_{t+1}$  = Divisor on Trading Day t+1

### 3.4 Corporate actions

#### 3.4.1 Principles

Following the announcement by an issuer of Index Components of the terms and conditions of a corporate action the Index Calculator determines whether such corporate action has a dilutive, concentrative or similar effect on the price of the respective Index Component.

If this should be the case the Index Calculator shall make the necessary adjustments that are deemed appropriate in order to take into account the dilutive, concentrative or similar effect and shall determine the date on which this adjustment shall come into effect.

Amongst other things the Index Calculator can take into account is an adjustment made by an Affiliated Exchange as a result of the corporate action with regard to option and futures contracts on the respective share traded on this Affiliated Exchange.

#### 3.4.2 Capital increases



In the case of capital increases with ex date t+1 the Index is adjusted as follows:

$$x_{i,t+1} = x_i * \frac{1 + B}{1} \quad \text{with:}$$

$x_{i,t+1}$  = Number of Index Shares of Index Component i on Trading Day t+1

$x_{i,t}$  = Number of Index Shares of Index Component i on Trading Day t

B = Shares received for every share held

$$p_{i,t+1} = \frac{p_{i,t} + s * B}{1 + B} \quad \text{with:}$$

$p_{i,t}$  = Price of Index Component i on Trading Day t

$p_{i,t+1}$  = Hypothetical Price of Index Component i on Trading Day t+1

s = Subscription Price in the Index Component currency

$$D_{t+1} = D_t * \frac{\sum_{i=1}^n (p_{i,t} * f_{i,t} * x_{i,t}) + \sum_{i=1}^n [(x_{i,t+1} * p_{i,t+1} * f_{i,t}) - (x_{i,t} * p_{i,t} * f_{i,t})]}{\sum_{i=1}^n (p_{i,t} * f_{i,t} * x_{i,t})}$$

with

$p_{i,t}$  = Price of Index Component i on Trading Day t

$f_{i,t}$  = Foreign exchange rate to convert the Price of Index Component i on Trading Day t into the Index Currency

$x_{i,t}$  = Number of Index Shares of the Index Component i on Trading Day t

$p_{i,t+1}$  = Hypothetical price of Index Component i on Trading Day t+1

$x_{i,t+1}$  = Number of Index Shares of the Index Component i on Trading Day t+1

$D_t$  = Divisor on Trading Day t

$D_{t+1}$  = Divisor on Trading Day t+1

### 3.4.3 Share splits

In the case of share splits with ex date on Trading Day t+1 it is assumed that the prices change in ratio of the terms of the split. The new Number of Index Shares is calculated as follows:

$$x_{i,t+1} = x_{i,t} * B$$

- $x_{i,t}$  = Number of Index Shares of the affected Index Component on Trading Day t  
 $x_{i,t+1}$  = Number of Index Shares of the affected Index Component on Trading Day t+1  
B = Shares after the share split for every share held before the split

#### **3.4.4 Component distributions**

In the case of component distributions with ex date on Trading Day t+1 it is assumed that the prices change according to the terms of the distribution. The new Number of Index Shares is calculated as follows:

$$x_{i,t+1} = x_{i,t} * (1 + B)$$

- $x_{i,t}$  = Number of Index Shares of the affected Index Component on Trading Day t  
 $x_{i,t+1}$  = Number of Index Shares of the affected Index Component on Trading Day t+1  
B = Shares received for every share held

#### **3.5 Calculation of the Index in the event of a Market Disruption Event**

The Index is not calculated in the event of a Market Disruption Event or Force Majeure Event. If the Market Disruption Event or Force Majeure Event continues over a period of eight Trading Days, then the Committee will determine the necessary action (including but not limited to taking into account the market conditions prevailing at this point in time, the last quoted Trading Price for each of the Index Components as well as any other conditions that it deems relevant for calculating the Index value) such that the affected securities resulting from the Market Disruption Event are no longer causing such disruption to occur.

#### 4. Definitions

“**Index Universe**” in respect of a Selection Day are companies that fulfill the following criteria:

**Component Security Type Requirement:** Closed-End Fund (“CEF”)

**Exchange Listing Requirement:** Primary listing on the NYSE ARCA, NASDAQ or BATS exchanges

**Liquidity Requirement:** \$1 million 3-Month Average Daily Value Traded

**Assets Under Management Requirement:** \$200 million or greater

**Distribution Frequency Requirement:** Monthly or quarterly

**CEF Focus Requirement:** CEFs eligible for inclusion include those with stated objective of investing in equity securities with a substantial allocation to US companies.

“**Number of Shares**” is in respect of an Index Component and any given Business Day the number or fraction of shares included in the Index. It is calculated for any Index Component as the ratio of (A) the Percentage Weight of an Index Component multiplied by the Index value and (B) its Trading Price.

“**Percentage Weight**” of an Index Component is the ratio of its Trading Price multiplied by its Number of Shares divided by the Index value.

“**Dividend Correction Factor**” is calculated as 1 minus the applicable withholding tax rate and/or other applicable tax rate currently prevalent in the respective country.

In particular an “**Extraordinary Event**” is

- a Merger
- a Takeover bid
- a delisting
- the Nationalisation of a company
- Insolvency.

The Trading Price for this Index Component on the day the event came into effect is the last available market price for this Index Component quoted on the Exchange on the day the event came into effect (or, if a market price is not available for the day the event came into effect, the last available market price quoted on the Exchange on a day specified as appropriate by the Index Calculator), as determined by the Index Calculator, and this price is used as the Trading Price of the particular Index Component until the end of the day on which the composition of the Index is next set.

In the event of the Insolvency of an issuer of an Index Component the Index Component shall remain in the Index until the next Adjustment Day. As long as a market price for the affected Index Component is available on a Business Day, this shall be applied as the Trading Price for this Index Component on the relevant Business Day, as determined in each case by the Index Calculator. If a market price is not available on a Business Day the Trading Price for this Index Component is set to zero. The Committee may also decide to eliminate the respective Index Component at an earlier point in time prior to the next Adjustment Day. The procedure in this case is identical to an elimination due to and Extraordinary Event.

An Index Component is “**delisted**” if the Exchange announces pursuant to the Exchange regulations that the listing of, the trading in or the issuing of public quotes on the Index Component at the Exchange has ceased immediately or will cease at a later date, for whatever reason (provided delisting is not because of a Merger or a Takeover bid), and the Index Component is not immediately listed, traded or quoted again on an exchange, trading or listing system, acceptable to the Index Calculator.

**“Insolvency”** occurs with regard to an Index Component if (A) all shares of the respective issuer must be transferred to a trustee, liquidator, insolvency administrator or a similar public officer as result of a voluntary or compulsory liquidation, insolvency or winding-up proceedings or comparable proceedings affecting the issuer of the Index Components or (B) the holders of the shares of this issuer are legally enjoined from transferring the shares.

A **“Takeover bid”** is a bid to acquire, an exchange offer or any other offer or act of a legal person that results in the related legal person acquiring as part of an exchange or otherwise more than 10% and less than 100% of the voting shares in circulation from the issuer of the Index Component or the right to acquire these shares, as determined by the Index Calculator based on notices submitted to public or self-regulatory authorities or other information considered by the Index Calculator to be relevant.

With regard to an Index Component a **“Merger”** is

- (i) a change in the security class or a conversion of this share class that results in a transfer or an ultimate definite obligation to transfer all the shares in circulation to another legal person,
- (ii) a merger (either by acquisition or through forming a new structure) or a binding obligation on the part of the issuer to exchange shares with another legal person (except in a merger or share exchange under which the issuer of this Index Component is the acquiring or remaining company and which does not involve a change in security class or a conversion of all the shares in circulation),
- (iii) a takeover offer, exchange offer, other offer or another act of a legal person for the purposes of acquiring or otherwise obtaining from the issuer 100% of the shares issued that entails a transfer or the irrevocable obligation to transfer all shares (with the exception of shares which are held and controlled by the legal person), or
- (iv) a merger (either by acquisition or through forming a new structure) or a binding obligation on the part of the issuer of the share or its subsidiaries to exchange shares with another legal person, whereby the issuer of the share is the acquiring or remaining company and it does not involve a change in the class or a conversion of the all shares issued, but the shares in circulation directly prior to such an event (except for shares held and controlled by the legal person) represent in total less than 50% of the shares in circulation directly subsequent to such an event.

The **“Merger Date”** is the date on which a Merger is concluded or the date specified by the Index Calculator if such a date cannot be determined under the law applicable to the Merger.

**“Nationalisation”** is a process whereby all shares or the majority of the assets of the issuer of the shares are nationalised or are expropriated or otherwise must be transferred to public bodies, authorities or institutions.

**“Exchange”** is, in respect of Index and every Index Component, the respective primary exchange where the Index Component has its primary listing. The Committee may decide to declare a different stock exchange the **“Exchange”** for trading reasons, even if the company is only listed there via a Stock Substitute.

**“Stock Substitute”** includes in particular American Depository Receipts (ADR) and Global Depository Receipts (GDR).

With regard to an Index component (subject to the provisions given above under **“Extraordinary Events”**) the **“Trading Price”** in respect of a Trading Day is the closing price on this Trading Day determined in accordance with the Exchange regulations. If the Exchange has no closing price for an Index Component, the Index Calculator shall determine the Trading Price and the time of the quote for the share in question in a manner that appears reasonable to him.

A **“Trading Day”** is in relation to the Index or an Index Component a Trading Day on the Exchange (or a day that would have been such a day if a market disruption had not occurred), excluding days on which trading may be ceased prior to the normal Exchange closing time. The Index Calculator is ultimately responsible as to whether a certain day is a Trading Day with regard to the Index or an Index Component or in any other connection relating to this document.

A “**Business Day**” is a day on which the New York Stock Exchange is open for trading.

The “**Index Calculator**” is Solactive AG or any other appropriately appointed successor in this function.

The “**Index Currency**” is US Dollars.

“**Assets Under management**” is with regard to each of the ETF in the Index Universe on a Selection Day or Adjustment Day the value published as the Market Capitalization for this day.

As at the date of this document Market Capitalization is defined as the value of a company calculated by multiplying the number of shares outstanding of the company by its share price.

“**Adjustment Day**” is the third Thursday in January or the next Business Day if this happens to be a non-Business Day.

“**Selection Day**” is the second Thursday in January or the next Business Day if this happens to be a non-Business Day.

An “**Affiliated Exchange**” is with regard to an Index Component an exchange, a trading or quotation system on which options and futures contracts on the Index Component in question are traded, as specified by the Index Calculator.

A “**Market Disruption Event**” occurs if

1. one of the following events occurs or exists on a Trading Day prior to the opening quotation time for an Index Component:
    - A) trading is suspended or restricted (due to price movements that exceed the limits allowed by the Exchange or an Affiliated Exchange, or for other reasons):
      - 1.1. across the whole Exchange; or
      - 1.2. in options or futures contracts on or with regard to an Index Component or an Index Component that is quoted on an Affiliated Exchange; or
      - 1.3. on an Exchange or in a trading or quotation system (as determined by the Index Calculator) in which an Index Component is listed or quoted; or
    - B) an event that (in the assessment of the Index Calculator) generally disrupts and affects the opportunities of market participants to execute on the Exchange transactions in respect of a share included in the Index or to determine market values for a share included in the Index or to execute on an Affiliated Exchange transaction with regard to options and futures contracts on these shares or to determine market values for such options or futures contracts; or
  2. trading on the Exchange or an Affiliated Exchange is ceased prior to the usual closing time (as defined below), unless the early cessation of trading is announced by the Exchange or Affiliated Exchange on this Trading Day at least one hour before
    - (aa) the actual closing time for normal trading on the Exchange or Affiliated Exchange on the Trading Day in question or, if earlier.
    - (bb) the closing time (if given) of the Exchange or Affiliated Exchange for the execution of orders at the time the quote is given.
- “**Normal exchange closing time**” is the time at which the Exchange or an Affiliated Exchange is normally closed on working days without taking into account after-hours trading or other trading activities carried out outside the normal trading hours; or
3. a general moratorium is imposed on banking transactions in the country in which the Exchange is resident if the above-mentioned events are material in the assessment of the Index Calculator, whereby

the Index Calculator makes his decision based on those circumstances that he considers reasonable and appropriate.

## **5 Appendix**

### **5.1 Contact data**

#### **Information regarding the Index concept**

Prime Indexes

[info@primeindexes.com](mailto:info@primeindexes.com)

### **5.2 Calculation of the Index – change in calculation method**

The application by the Index Calculator of the method described in this document is final and binding. The Index Calculator shall apply the method described above for the composition and calculation of the Index. However, it cannot be excluded that the market environment, supervisory, legal, financial or tax reasons may require changes to be made to this method. The Index Calculator may also make changes to the terms and conditions of the Index and the method applied to calculate the Index, which he deems to be necessary and desirable in order to prevent obvious or demonstrable error or to remedy, correct or supplement incorrect terms and conditions. The Index Calculator is not obliged to provide information on any such modifications or changes. Despite the modifications and changes, the Index Calculator will take the appropriate steps to ensure a calculation method is applied that is consistent with the method described above.