

# **INDEX METHODOLOGY**

# **Inspire Corporate Bond Index**

Version 14.5 dated April 2025

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This document contains the underlying methodology regarding the structure and the operating of the Inspire Corporate Bond Index. Solactive AG shall make every effort to implement the methodology. Solactive AG 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 merely calculated and published by Solactive AG and it strives to the best of its ability to ensure the correctness of the calculation. There is no obligation for Solactive AG – 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 Solactive AG is no recommendation for capital

investment and does not contain any assurance or opinion of Solactive AG 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. The name "Solactive" is copyrighted.

# 1 Index specifications

The Inspire Corporate Bond Index ("Index Name", the "Index") is an Index of Inspire Investing, LLC and is calculated and distributed by Solactive AG.

The Inspire Corporate Bond Index is an equally weighted, quarterly rebalanced, annually reconstituted index comprised of 250 investment grade, intermediate bonds of US large cap companies with the highest Inspire Impact Scores (See note below on how Inspire Impact Scores are calculated; see also Section 2.4 Reconstitution Adjustments for Excess Turnover).

The Index is a total return ("TR") index.

The Index is published in US Dollars ("USD").

### **Inspire Impact Score**

The Inspire Impact Score is an objective, rules based, proprietary scoring system of Inspire, which rates a company in relation to how well the company aligns with biblical values. The exact scoring methodology is detailed at: <a href="https://www.inspireinvesting.com/post/inside-the-inspire-impact-score">https://www.inspireinvesting.com/post/inside-the-inspire-impact-score</a>.

The Inspire Impact Score is an objective, rules-based scoring system which Inspire uses to identify what we believe to be some of the most inspiring, biblically aligned companies to invest in — the kind of companies that are blessings to their communities, customers, workforce and the world. The Inspire Impact Score rates a company on a scale of -100 to +100 in relation to how well the company aligns with biblical values, with +100 being the highest possible score. How the Inspire Impact Score is calculated — Step 1: Every company starts with zero points. Step 2: Exclusionary screens are applied to companies which operate at odds with biblical values. Negative points are assigned to the impact score if any violations are found. These companies are always excluded from investment. Step 3: Companies with no negative violations are then positively scored based on how they operate as blessings to their customers, communities, workforce and the world through the five Sustainability Accounting Standards Board (SASB) categories: environment, social capital, human capital, business model & innovation, and leadership & governance (you can learn more about the SASB categories at materiality.sasb.org). Positive points are assigned based on the extent to which the company has above average scores in those positive categories. Result: Companies are scored on a scale between -100 and +100, with scores above zero representing better alignment with biblical values. Inspire only invests in companies with scores of zero or higher, and particularly selects those companies with scores closest to 100 for inclusion in portfolios. It is not possible for Inspire to be aware of every action a company takes, and there may be additional positive or problematic activities which a company engages in that are beyond what is included in the Inspire Impact Score™ calculation. The Inspire Impact Score™ is not meant to include all activities, whether public or private, of each company scored, but rather to assign a score to companies based on the data Inspire has found from the specified publicly available sources and/or third-party data providers. The Inspire Impact Score™ represents Inspire's viewpoint on the biblical alignment of scored investments, and other investors may have different opinions about what should or should not be considered a violation. Inspire seeks to update Inspire Impact Scores<sup>TM</sup> in a timely fashion at regular intervals, but due to differences in research schedules, corporate engagement efforts and data publication timing, a company's Inspire Impact Score<sup>TM</sup> may not immediately reflect all known data as soon as it is researched.

### 1.1 Short name and ISIN

The Index is distributed under ISIN DE000SLA29P1; the WKN is SLA29P. The Index is published in Reuters under the code <.INSPBOND >.

### 1.2 Initial value

The Index is based on 100 at the close of trading on the start date, January 31st, 2012.

### 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 he will distribute/display the Index via his 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. Prices of Index Components not listed in the Index Currency are translated using spot foreign exchange rates quoted by Reuters. 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 the Index cannot be distributed.

Any incorrect calculation is adjusted on a retrospective basis.

### 1.5 Weighting

On each Adjustment Day each Index Component of the Index is rebalanced, with all constituents being given equal weighting in the index by percentage.

### 1.6 Decision-making bodies

A Committee composed of staff from Inspire 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 in the event that 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 for approval.

### 1.7 Publication

All specifications and information relevant for calculating the Index are made available on the http://www.solactive.de web page and sub-pages.

### 1.8 Historical data

Historical data will be maintained from the launch of the Index on January 31st, 2012.

### 1.9 Licensing

Licences to use the Index as the underlying value for derivative instruments may be issued to stockexchanges, banks, financial services providers and investment houses by Inspire.

# 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, Inspire defines its Index Universe, a selection pool that encompasses bonds with the following criterion:

- Maturities between 0 to 10 years (new constituents) and maturities at least 6 months greater than the minimum maturity for that maturity cell (for existing constituents, see below)
- Rated investment grade quality from a bond ratings agency widely recognized in the financial services industry.
- US issuers that are members of the largest 10% of US companies by market cap
- Fixed rate bonds (no zero coupon bonds or floating rate bonds)
- Not a 144A or Regulation S bond
- Average five-day trading volume greater than zero
- Must be regularly priced on the Intercontinental Exchange, Inc (ICE) portal
- Faith-based factors:
  - Issuers with Inspire Impact Scores greater than or equal to zero (N/A scores included as zero scores)
  - Not a manufacturer of military or civilian weapons
  - Not a manufacturer of barrier contraceptives

Beginning with the bonds in the Index Universe, for each maturity cell the bond selection process shall be made as follows:

- For issuers with more than one bond in the maturity cell, only the bond with the longest time to maturity will be considered for selection
- Bonds with a time to maturity within 6 months of the minimum maturity horizon of the maturity cell will not be considered for selection
- Rank all bonds in the maturity cell by the Inspire Impact Score of their issuer
- Select the bond in the maturity cell issued by the issuer with the first highest Inspire Impact Score
- Select the bond in the maturity cell issued by the issuer with the second highest Inspire Impact Score
- Repeat this selection process of bonds issued by the issuer with the next highest Inspire Impact Score in the maturity cell, starting at the bond issued by the issuer with the third highest Inspire Impact Score in the maturity cell, until the number of bonds in that maturity cell equals the goal distribution below,

A bond already in a cell may remain until it's remaining time to maturity falls below the minimum maturity horizon for the maturity cell. Only one bond per issuer is allowed for selection into each maturity cell. When there are multiple eligible bonds with the same Inspire Impact Score from different issuers the bond from the issuer with the higher liquidity will be selected.

# of bonds (5 bonds per issuer max)	Maturity Cell			
60 bonds	≥0 to < 3 years			

65 bonds	≥3 to < 5 years
65 bonds	≥5 to < 7 years
60 bonds	≥7 to < 10 years

- Repeat this process for the next maturity cell
- Equally weight all bonds selected for the index
- At each rebalance and reconsitution, bonds removed from any maturity cell, not including removal due to final maturity, will be replaced according to the previously delineated selection process. Bonds issued by issuers already represented in the maturity cell will not be considered for selection when replacing a bond removed from the maturity cell.

### 2.2 Ordinary adjustment

The composition of the Index, including reviewing and/or replacing all index components, is re-created annually on Reconstitution in September by following the selection process delineated in Section 2.1 Selection of the Index Components. The composition of the Index is reviewed prior to Selection Day, finalized reviewed on the Selection Day, and disseminated to subscribers of the index on Selection Day.-In addition, the index will be re-weighted on a quarterly basis. During the quarterly re-weighting additional bonds will be added/removed until the number of bonds held in the index equals 250 bonds by following the selection process delineated in Section 2.1 Selection of the Index Components. During quarterly rebalances, positions are removed if they no longer meet the criterion established in section 2.1 Selection of the Index Components > Faith-based factors and/or if they were added in the event of an Extraordinary Event (as defined below under 4. Definitions).

The first adjustment will be made in February 2017 based on the Trading Prices of the Index Components on the Adjustment Day. Solactive AG shall publish any changes made to the Index composition on the Selection Day and consequently with sufficient notice before the Adjustment Day.

### 2.3 Extraordinary adjustment

In the event of an Extraordinary Event (as defined below under 4. Definitions) the Committee may allow the weight of the Index Component to be distributed pro rata to the remaining constituents.

For actions that cause a successor Index Component to be included in the index, no action to remove or replace the security will be required until the following rebalance or reconstitution.

### 2.4 Reconstitution Adjustments for Excess Turnover

For purposes of this section, the final list of constituents identified in Section 2.1 Selection of the Index Components above will be referred to as "ideal constituents" whereas the existing constituents in the index will be referred to as "existing constituents."

If the implementation of the annual Reconstitution (in which the existing constituents are to be replaced with the ideal constituents) were to result in excessive turnover of 15% or more, the following stipulations are to be implemented in order (starting with Level 1, then Level 2, etc.) until the turnover decreases below 15%, at which point the Index Committee will refrain from moving to the next level:

Level 1: Existing constituents will not be removed if they meet all requirements of the ideal constituents but have a positive Impact Score no more than 5 points below the lowest Impact Score of the ideal constituents.

Level 2: Existing constituents will not be removed if they meet all requirements of the previous level but have a

positive Impact Score no more than 10 points below the lowest Impact Score of the ideal constituents.

Level 3: Existing constituents will not be removed if they meet all requirements of the previous levels but have a positive Impact Score below the lowest Impact Score of the ideal constituents.

Level 4: Existing constituents will not be removed if they meet all requirements of the previous levels but have an Impact Score of zero or not applicable (N/A).

Level 5: Existing constituents will not be removed if they meet all requirements of the previous levels but have a market cap 25%, or less, below the smallest market cap of the ideal constituents.

Level 6: Existing constituents will not be removed if they meet all requirements of the previous levels but are within 3 months (90 days) of their previous Maturity Cell.

Level 7: Existing constituents will not be removed if they meet all requirements of the previous levels but are within 6 months (180 days) of their previous Maturity Cell.

Level 8: Existing constituents will not be removed if they meet all requirements of the previous levels but exceed the limit of 5 bonds per issuer.

If all levels above have been implemented and the results produce greater than 15% turnover, the Index Manager will proceed with the Reconstitution including all the above stipulation levels.

# 3 Calculation of the Index

### 3.1 Index formula

Inspire Corporate Bond Index is an index whose value reflects the relative changes in bond values. Therefore, the composition and weighting is adjusted every month.

As a formula:

$$Index_{t} = Index_{n} \frac{MarketValue_{t} + PaidCash_{t}}{BaseValue_{n}}$$

$$MarketValue_{t} = \sum^{a} (Dirty \Pr{ice_{i,t}} + CPAdj_{i,t}) \cdot Amount_{i,n} \cdot Capfactor_{i,rb} = 1 - CPAdj_{i,t}) \cdot Amount_{i,n} \cdot Capfactor_{i,rb} = 1 - CPAdj_{i,t} \cdot Capfactor_{i,rb} = 1 - CPAdj$$

$$PaidCash_{i} = \sum_{i=1}^{a} Coupon_{i,t} \cdot Amount_{i,n} \cdot Capfactor_{i,rb}$$

$$BaseValue_n = \sum_{i=1}^{a} (Dirty Price_{i,n} + CPAdj_{i,t}) \cdot Amount_{i,n} \cdot Capfactor_{i,rb}$$

Whereas:

 $Dirty Price_{i,n}$ 

 $Amount_{i,n}$ 

Index,

 $Index_{..}$  = Value of the index on Business Day t.

 $CPAdj_{i,t}$  = Value of the index on the last Adjustment Day n.

= Variable Coupon Adjustment Factor i on Business Day t is 0 if a bond enters the index during an ex-dividend period. If the bond is already in the index during the ex-dividend period, the Variable Coupon Adjustment Factor equals the coupon amount.

Dirty Price;

= Dirty Price of the bond i on Business Day t, whereas Dirty Price t is the sum of the clean price of the bond i on Business Day t and the accrued interest on Business Day t.

= Dirty Price of the bond i on the last Adjustment Day n, whereas Dirty Price is the sum of the clean price of the bond i on the last Adjustment Day n and the accrued interest

on the last Adjustment Day n.

= Amount Outstanding of the respective bond as defined on the last Adjustment Day n.

PaidCash,	=	a)	Value	of	the	coupon	payments	between	Adjustment	Days.
ı		b)	If a bon	diw	ill be r	removed fr	om the index	k between /	Adjustment Do	ays, the
resulting payment of the bond will be included in the Paid Cash compo										
	index	. On	the next.	Adjus	stmen	t Day "Paic	d Cash'' will b	e reinvestec	I in the index.	
$Coupon_{i,t}$	= Cou	Jpon	paymen	t of b	ond i	between p	payment date	e and Adjus	tment Day n. I	In case

Capfactor, rh = Weighting Cap Factor of portfolio component i determined on Selection day rb,

there is no coupon payment, Coupon i,t is 0.

to cap the weighting as described under Index Weighting

### 3.2 Accuracy

The value of the Index will be rounded to two decimal places.

According to the terms of the bond, the Index Calculator will take the following conventions into account:

Act/Act

Act/360

Act/365

30/360

ISMA 30/360

The index does not take taxes into account and assumes gross coupon payments.

Accrued interests are calculated with settlement convention t+0.

### 3.3 Adjustments

Indices need to be adjusted for systematic changes in prices once these become effective. The Committee will decide from time to time if Inspire Corporate Bond Index needs to be adjusted.

The following corporate actions will result in changes or adjustments to an index as indicated below between Adjustment Days:

- (a) Early Redemption or Full Call: The bond proceeds will be held as "Paid Cash" and reinvested into the index on the following Adjustment Day. For the avoidance of doubt a Tender must be mandatory, the pure offer to tender a bond will not lead to an adjustment of the index.
- (b) Flat Trading: A bond is flat trading if the bond issuer will not meet its coupon payment obligation which means that

the buyer of a bond is not responsible for paying the interest that has accrued since the last payment. If a bond is defined to be "flat trading" between two Adjustment Days the respective accrued interests and coupons will be set to 0. The bond will not be removed until the next Adjustment Day.

(c) Defaulted Bonds: If the status of a bond changes to "In Default", the bond will remain as part of the index or portfolio at the last available evaluated price provided by the pricing source until the next regular index adjustment day.

## (d) Exchange Offers:

- 1) Optional Exchange Offers: Optional Exchange Offers will not result in an adjustment of the index.
- 2) Mandatory Exchanges Offers or Partial Calls:
  - a. In case more than 90% of the Amount Outstanding is exchanged the exchange will be considered in the index calculation by exchanging the relevant bonds, so that the new bond will receive the weight of the old exchanged bond.
  - b. In the case when less than 90% of the Amount Outstanding is exchanged the exchange will not be considered to be an event that affects the relevant bond's position in the index.

### (e) Fungible Bonds:

- 1) The parent bond and the sub-tranche are both index constituents: Both bonds are kept in the index until the next Adjustment Day. On the next Adjustment Day the new bond will be removed and the Amount Outstanding of the parent bond will be increased by the amount of the new bond issue.
- 2) The parent bond is an index constituent and the sub-tranche is not: On the next Adjustment Day the Amount Outstanding of the parent bond will be increased by the amount of the sub-tranche.
- 3) The parent bond is not an index constituent but the sub-tranche is: On the next Adjustment Day the sub-tranche leaves the index and the parent bond enters the index including the Amount Outstanding added from the sub-tranche (assuming that it meets the requirements of the Selection Pool).
- (f) Payment-in-Kind Bonds: These bonds pay interest in additional bonds rather than in cash. Assuming the additional bonds will be sold immediately and the proceeds will be reinvested in the index, payments-in-kind are therefore considered as cash in the Paid Cash component in all Total Return calculations.
- (g) Ex-dividend Bonds: "Ex-dividend" means that the next coupon is detached from the bond several days in advance of the coupon payment date. Between ex-date and pay-date a buyer of the bond does not get the right to receive the next coupon. Therefore, accrued interest is negative during that period. However, the coupon will be paid to the original bondholder, i.e. if a bond is already in the index the next coupon payment is held separate in the Variable Coupon Adjustment Factor CPAdji,t. If the bond enters the index during the ex-dividend period CPAdji,t is zero as the next coupon payment will not accrue to the index.

Note: Debt issuances of an existing bond will not be considered until the next Adjustment Day.

# 4. Definitions

### 4.1 index-specific definitions

The "Selection Pool" comprises bonds that fulfill the following conditions:

- Maturities between 0 to 10 years (new constituents) and maturities at least 6 months greater than the minimum maturity for that maturity cell (for existing constituents, see below)
- Rated investment grade quality from a bond ratings agency widely recognized in the financial services industry.
- US issuers that are members of the largest 10% of US companies by market cap
- Fixed rate bonds (no zero coupon bonds or floating rate bonds)
- Not a 144A or Regulation S bond
- Average five-day trading volume greater than zero
- Must be regularly priced on the Intercontinental Exchange, Inc (ICE) portal
- Faith-based factors:
  - Issuers with Inspire Impact Scores greater than or equal to zero (N/A scores included as zero scores)
  - Not a manufacturer of military or civilian weapons
  - Not a manufacturer of barrier contraceptives

### 4.2 Further definitions

"Market Capitalization Ranges" Unadjusted company market capitalizations ranges for Inspire Indexes are as follows:

- The largest 10% of companies by market cap of a given market are considered "large cap"
- The next largest 10% of companies by market cap of a given market are considered "mid cap"
- The next largest 10% of companies by market cap of a given market are considered "small cap"
- The markets referenced above include Domestic (US), Emerging, and International Developed markets.

"Adjustment Day" is the close of bunsiess on the last Business Day in March, June, September, and December. In case the last Business Day is not a Trading Day, the Adjustment Day will be the preceding Trading Day.

**"Selection Day"** is a Business Day 7 Business Days prior to the Adjustment Day. If the Selection Day happens to be Christmas Eve the new composition is fixed 1 Business Day in advance.

"Effective Day" is the open of business on the first Business Day following the Adjustment Day.

"Amount Outstanding" is the face value of the respective bond.

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

"Call" means that a bond with a callable feature will be redeemed before the actual maturity date of the bond. The callable feature allows the issuer of the bond to retain the privilege of redeeming the bond before the actual maturity date.

"Convertible Bonds" are bonds that can be converted into a predetermined amount of the company's equity at certain times during its life.

"Covered Bonds" are bonds backed by cash flows or mortgages or public sector loans.

A "Credit Event" is the suspension of debt service, insolvency or failure to pay on time.

**"Early Redemption"** includes every event that leads to a redemption of a bond before the actual maturity date.

**"Ex-dividend**" means that the next coupon is detached from the bond several days in advance of the coupon payment date.

**"Exchange Offer"** means that the holder of a bond is invited to exchange the existing bond to another debt security.

In particular, an "Extraordinary Event" is

- an early redemption of the bond
- a credit event
- a change in a factor related to the bond such that it no longer meets the criterion established in section 2.1 Selection of the Index Components > Faith-based factors
- a change in the selection process delineated in section 2.1-Selection of the Index Components

"Fixed Coupon Bonds" are bonds with a fixed coupon rate, as opposed to floating rate coupons.

A bond is "Flat Trading" if the bond issuer will not meet its coupon payment obligation which means that the buyer of a bond is not responsible for paying the interest that has accrued since the last payment.

**"Floating Rate Bonds"** are bonds with a variable or floating interest rate, i.e. coupons fluctuate in line with the underlying level of interest rates, as opposed to fixed-rate coupons.

**"Fungible Bond"** A "Fungible Bond" is a new issue that has all the same specifications as an existing issue (bonds with the same parameters can be issued in different tranches). At a specific date the tranches will be combined into one bond. After this date the parent tranche will include the Amount Outstanding of all new tranches.

A bond is "In Default" when the issuer is not able to fulfil its bond payment obligations anymore after the 30 days grace period.

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

"Index Components" are all bonds in the Selection Pool.

The "Index Currency" is USD.

"Inflation-linked Bonds" are bonds whose principal is indexed to inflation.

"Issuer" is the issuing entity of the respective bond.

"Last Evaluated Price" generally is (aside from the rules referred to in "Extraordinary Events") the last available Evaluated Bid Price.

"Evaluated Ask Price" is the last available Ask Price evaluated by the designated Pricing Provider.

**"Paid Cash"** is either the value of the coupon payments between Adjustment Days or the resulting payment when a bond is removed from the index between Adjustment Days. On the next Adjustment Day "Paid Cash" will be reinvested in the index.

"Payment-In-Kind Bonds" are a type of bonds that pay interest in additional bonds rather than in cash.

"Preferred Securities" combine both debt and equity characteristics.

**"Securitized Bonds"** are bonds secured against specific assets or receivables (ABS), mortgages (MBS) or cash flows.

**"Sinking Fund Bonds"** are bonds that are backed by a fund that sets aside money on a regular basis. A sinkable bond issuer is required to buy a certain amount of the bond back from the purchaser at various points throughout the life of the bond.

**"Step-Up Coupon Bonds"** are bonds whose coupons increase while the bond is outstanding. The coupon amounts are determined at issuance.

"**Tender Offer**" means that a holder of a bond is invited to tender the bond for a specific price at a specific time before the actual maturity date.

A "**Total Return Index**" measures the performance of the index components by assuming that all distributions are reinvested into the index, i.e. the index does not only reflect pure price movements.

"Zero Coupon Bonds" do not pay interest but are issued at a discount.

# **5 Appendix**

#### 5.1 Contact data

### Information regarding the Index concept

Inspire

Attn: Index Committee 3597 E Monarch Sky Ln, Ste. 330 Meridian, ID 83646 877.658.9473 index@inspireinvesting.com

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

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.