

INDEX GUIDELINE

Solactive Developed Government Bond 0-1 Year Index

Version 1.1

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INTRODUCTION

This document (the “GUIDELINE”) is to be used as a guideline with regard to the composition, calculation and maintenance of the Solactive Developed Government Bond 0-1 Year Index (the “INDEX”). Any amendments to the rules made to the GUIDELINE are approved by the OVERSIGHT COMMITTEE as specified in the Bond Index Methodology. The INDEX is owned, calculated, administered and published by Solactive AG (“SOLACTIVE”) assuming the role as administrator (the “INDEX ADMINISTRATOR”) under the Regulation (EU) 2016/1011 (the “BENCHMARK REGULATION” or “BMR”). The name “Solactive” is trademarked.

The GUIDELINE and the policies and methodology documents referenced herein contain the underlying principles and rules regarding the structure and operation of the INDEX. SOLACTIVE does not offer any explicit or tacit guarantee or assurance, neither pertaining to the results from the use of the INDEX nor the level of the INDEX at any certain point in time nor in any other respect. SOLACTIVE strives to the best of its ability to ensure the correctness of the calculation. There is no obligation for SOLACTIVE – irrespective of possible obligations to issuers of financial instruments or investment funds referencing the INDEX under a valid license – to advise third parties, including investors and/or financial intermediaries, of any errors in the INDEX. The publication of the INDEX by SOLACTIVE does not constitute a recommendation for capital investment and does not contain any assurance or opinion of SOLACTIVE regarding a possible investment in a financial instrument based on this INDEX.

1. INDEX SPECIFICATIONS

1.1. SCOPE OF THE INDEX

The INDEX is a rules-based index engineered to mirror the performance of the short term global developed sovereign, local currency debt markets. The index is calculated in Euro, coupons are reinvestment on a monthly basis. Furthermore, the index is rebalanced monthly effective on the first business day of each month.

1.2. IDENTIFIERS AND PUBLICATION

The INDEX is published under the following identifiers:

Name	ISIN	Currency	Type	Calculation Formula*	RIC	BBG ticker
Solactive Developed Government Bond 0-1 Year Index	DE000SL0AYY4	EUR	TR	PERIODIC	.SOLDG01	N/A

*The calculation formula refers to the index calculation's dependency on cash reinvestment, based on whether the cash reinvestment occurs on a daily/direct basis or periodically.

*TR means that the INDEX is calculated as a total return index as described in the Bond Index Methodology, which is available on the SOLACTIVE website: <https://www.solactive.com/documents/bond-index-methodology/>



The INDEX is published on the website of the INDEX ADMINISTRATOR (www.solactive.com) and is, in addition, available via the price marketing services of Börse Stuttgart GmbH and may be distributed to all of its affiliated vendors. Each vendor decides on an individual basis as to whether it will distribute or display the INDEX via its information systems.

Any publication in relation to the INDEX (e.g. notices, amendments to the GUIDELINE) will be available at the website of the INDEX ADMINISTRATOR: <https://www.solactive.com/news/announcements/>.

1.3. INITIAL LEVEL OF THE INDEX

The initial level of the INDEX on November 2nd 2020 is 1000. Levels of the INDEX published for a period prior to this date have been back-tested. Historical values from the November 2nd 2020 will be recorded in accordance with Article 8 of the BMR.

1.4. PRICES AND CALCULATION FREQUENCY

The INDEX is calculated and distributed once every BUSINESS DAY based on the LAST EVALUATED BID PRICE of the INDEX COMPONENTS. Bonds added in a rebalancing (see Section 3) are included the INDEX at the LAST EVALUATED ASK PRICE on the relevant REBALANCE DAY. Bonds which are excluded from the INDEX in a rebalance are reflected in the calculation of the level of the INDEX for the REBALANCE DAY at the LAST EVALUATED BID PRICE on the relevant REBALANCE DAY. INDEX analytical values are calculated each BUSINESS DAY using the LAST EVALUATED BID PRICE based on FIXING TIME. Prices of INDEX COMPONENTS not listed in the INDEX CURRENCY are converted using the WM 4 PM London Fixing quoted by Reuters.

Should there be no current WM 4 PM London Fixing available on Reuters the most recent WM 4 PM London on Reuters for the preceding BUSINESS DAY is used in the calculation.

Securities are priced at different fixings according to their main trading venue. Fixings are chosen according to the table below:

Country	Closing Region	Fixing Time
Austria	Europe	4:15 pm London Time
Belgium	Europe	4:15 pm London Time
Canada	Americas	4:00 pm EST
Cyprus	Europe	4:15 pm London Time
Denmark	Europe	4:15 pm London Time
Finland	Europe	4:15 pm London Time
France	Europe	4:15 pm London Time



Germany	Europe	4:15 pm London Time
Greece	Europe	4:15 pm London Time
Hong Kong	APAC	7:00 pm Australian Time
Ireland	Europe	4:15 pm London Time
Israel	Europe	4:15 pm London Time
Italy	Europe	4:15 pm London Time
Japan	APAC	7:00 pm Australian Time
Latvia	Europe	4:15 pm London Time
Lithuania	Europe	4:15 pm London Time
Luxembourg	Europe	4:15 pm London Time
Malta	Europe	4:15 pm London Time
Netherlands	Europe	4:15 pm London Time
New Zealand	APAC	7:00 pm Australian Time
Norway	Europe	4:15 pm London Time
Portugal	Europe	4:15 pm London Time
Singapore	APAC	7:00 pm Australian Time
Slovakia	Europe	4:15 pm London Time
Slovenia	Europe	4:15 pm London Time
Spain	Europe	4:15 pm London Time
Switzerland	Europe	4:15 pm London Time
United Kingdom	Europe	4:15 pm London Time
United States	Americas	4:00 pm EST
Australia	APAC	7:00 pm Australian Time



2. INDEX SELECTION

On each SELECTION DAY, all bonds which meet the INDEX COMPONENT REQUIREMENTS are eligible for inclusion in the INDEX and will be added as INDEX COMPONENT on the REBALANCE DAY. Additionally, on each SELECTION DAY, it will be evaluated whether all current INDEX COMPONENTS still meet the INDEX COMPONENT REQUIREMENTS. Each INDEX COMPONENT that does not meet the INDEX COMPONENT REQUIREMENTS will be removed from the INDEX on the next REBALANCE DAY.

2.1. SELECTION OF THE INDEX COMPONENTS

The initial composition of each INDEX, as well as any selection for a rebalance (as specified in Section 3) is determined using the following rules:

- A price from the PRICING PROVIDER must be available for each INDEX COMPONENTS on each SELECTION DAY.
- Only Central Government debt issued by members of the Eurozone or by countries classified as Developed World Countries by Solactive.
- The country must be rated as INVESTMENT GRADE by Moody's Investors Service or S&P Global Ratings. For the avoidance of doubt if either rating agency rates the country as investment grade it is eligible for the INDEX.
- Minimum EFFECTIVE TIME TO MATURITY: Bonds must have a time to maturity of at least one month. No bonds being an index member should mature.
- Maximum EFFECTIVE TIME TO MATURITY: Bonds must have a maximum time to maturity of less than one year.
- INITIAL TIME TO MATURITY: Bonds must have an INITIAL TIME TO MATURITY of at least 1.5 years.
- Currency: local currency of issuing country.
- Issue Amount Outstanding:

EUR – 1.5 bn	CAD – 1.5 bn
DKK – 15 bn	HKD – 15 bn
ILS – 15 bn	JPY – 150 bn
NZD – 1.5 bn	NOK – 15 bn
SGD – 1.5 bn	SGD – 1.5 bn
SEK – 15 bn	CHF – 1.5 bn
GBP – 1.5 bn	USD – 1.5 bn
AUD – 1.5 bn	PLZ – 1.5 bn

- Coupon Types: Fixed Coupon Bonds, Zero Coupon Bonds are eligible for the index.
- Bond Types: The following bonds are excluded from the index: SINKABLES, PERPETUALS, PUTABLES, FLOATING RATE NOTES, CALLABLES, EXTENDIBLES, INFLATION LINKED BONDS, PRINCIPAL ONLY STRIPS and INTEREST ONLY STRIPS as well as PRIVATE PLACEMENTS.



- For selection purposes Amount Outstandings which are adjusted by central bank holdings will be used for US Treasury, Gilts and Japanese Government Bonds.

(the “INDEX COMPONENT REQUIREMENTS”)

The determination of the INDEX COMPONENTS is fully rule-based and the INDEX ADMINISTRATOR has no discretion.

2.2. WEIGHTING OF THE INDEX COMPONENTS

On each SELECTION DAY each INDEX COMPONENT is weighted using the market value based on the LAST EVALUATED BID PRICE and accrued interest as on the SELECTION DAY in order to achieve the aim of the INDEX.

For weighting purposes Amount Outstandings adjusted by central bank holdings will be used for US Treasury, Gilts and Japanese Government Bonds.

3. ORDINARY REBALANCE

In order to reflect the new selection of the INDEX COMPONENTS determined on the SELECTION DAY (in accordance with Section 2.1) the INDEX is adjusted on the REBALANCE DAY after CLOSE OF BUSINESS.

For more information on the rebalance procedure please refer to the Bond Index Methodology, which is incorporated by reference and available on the SOLACTIVE website: <https://www.solactive.com/documents/bond-index-methodology/>.

SOLACTIVE will publish any changes made to the INDEX COMPONENTS with sufficient notice before the REBALANCE DAY on the SOLACTIVE webpage.

4. CORPORATE ACTIONS

As part of the INDEX maintenance SOLACTIVE will consider various events – also referred to as corporate actions – which result in an adjustment to the INDEX between two regular REBALANCE DAYS. Such events have a material impact on the price, weighting or overall integrity of INDEX COMPONENTS. Therefore, they need to be accounted for in the calculation of the INDEX. Adjustments to the INDEX to account for corporate actions will be made in compliance with the Bond Index Methodology.

5. DEFINITIONS

“BENCHMARK REGULATION” shall have the meaning as defined in Section “Introduction”.

“BMR” shall have the meaning as defined in Section “Introduction”.



“BUSINESS DAY” is with respect to the INDEX each day Monday to Friday except the following sets of days: Common European banking holidays and NYSE holidays.

“CLOSE OF BUSINESS” is a time stamp when an INDEX is calculated.

“CLOSING PRICE” in respect of an INDEX COMPONENT and a TRADING DAY is a security's final regular-hours TRADING PRICE published by the EXCHANGE and determined in accordance with the EXCHANGE regulations. If the EXCHANGE has no or has not published a CLOSING PRICE in accordance with the EXCHANGE rules for an INDEX COMPONENT, the last TRADING PRICE will be used.

“CURRENCY HEDGE INDEX” represent the return resulting from the sum of an underlying index performance and the performance of the hedge of this index using currency forward contracts.

“GUIDELINE” shall have the meaning as defined in Section “Introduction”.

“INDEX” shall have the meaning as defined in Section “Introduction”.

“INDEX ADMINISTRATOR” shall have the meaning as defined in Section “Introduction”.

“INDEX CALCULATOR” is SOLACTIVE or any other appropriately appointed successor in this function.

“INDEX COMPONENT” is each bond reflected in the INDEX.

“INDEX COMPONENT REQUIREMENTS” shall have the meaning as defined in Section 2.1.

“INDEX CURRENCY” is the currency specified in the column “Currency” in the table in Section 1.2.

“INDEX CURRENCY COMPONENTS” is each currency on which UNDERLYING INDEX COMPONENT trades in the market.

“INDEX CURRENCY COMPONENT WEIGHT” is value resultant from the sum of all the UNDERLYING INDEX COMPONENT’S weights quoted in the respective currency.

“INDEX CURRENCY UNIVERSE” is the sum of all currencies which fulfill the INDEX CURRENCY UNIVERSE REQUIREMENTS.

“INDEX CURRENCY UNIVERSE REQUIREMENTS” shall have the meaning as defined in Section 2.1.1

“ISSUER” is the issuing entity of the respective bond.

“OVERSIGHT COMMITTEE” shall have the meaning as defined in the Bond Index Methodology.

“PRICING PROVIDER” is available under <https://www.solactive.com/documents/bond-pricing-provider/>

“REBALANCE DAY” is the last BUSINESS DAY of the month.

“SELECTION DAY” is six (6) BUSINESS DAYS before the scheduled REBALANCE DAY, disregarding any potential change of the REBALANCE DAY.

“SOLACTIVE” shall have the meaning as defined in Section “Introduction”.

“SPOT” is the spot foreign exchange rate to convert the currency of the INDEX COMPONENT into the denomination of the INDEX CURRENCY.

“TRADING PRICES” in respect of an INDEX COMPONENT and a TRADING DAY is the most recent published price at which the INDEX COMPONENT was traded on the respective EXCHANGE.



“UNDERLYING INDEX COMPONENTS” is each security reflected in the composition of the UNDERLYING INDEX.

Please note that the definitions included in the Bond Index Methodology apply to this guideline. In case of a discrepancy, the definition presented in the guidelines should prevail.

6. HISTORY OF INDEX CHANGES

Version	Date	Description
1.0	18 November 2021	Index Guideline creation (<i>initial version</i>).
1.1	03 July 2024	Guideline updated to new format.

CONTACT

Solactive AG
German Index Engineering
Platz der Einheit 1
60327 Frankfurt am Main
Germany

Tel.: +49 (0) 69 719 160 00
Fax: +49 (0) 69 719 160 25
Email: info@solactive.com
Website: www.solactive.com

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