

# INDEX GUIDELINE

*Solactive G7 Government Bond CAD TR Index*

*1.0*

*24 October 2025*



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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 G7 GOVERNMENT BOND CAD TR INDEX (the "INDEX"). Any amendments to the rules made to the GUIDELINE are approved by the INDEX 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 aims to track the performance of sovereign, local currency debt markets of G7 countries (Canada, France, Germany, Italy, Japan, United Kingdom, United States).

The INDEX is a Total Return Index, i.e. coupon payments will be reinvested in the Index on each REBALANCE DAY. The INDEX CURRENCY is CAD.

### 1.2. IDENTIFIERS AND PUBLICATION

The INDEX is published under the following identifiers:



Name	ISIN	Currency	Type	Calculation Formula*	RIC	BBG ticker
SOLACTIVE G7 GOVERNMENT BOND CAD TR INDEX	DE000SLOPQX0	CAD	TR	Periodic	.SOLSOVG7	
SOLACTIVE G7 GOVERNMENT BOND CAD TR HEDGED INDEX	DE000SLOQ0D9	CAD	CH	Standard	.SOLSG7CH	

\*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 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/>

\*CH means that the INDEX is calculated as Currency Hedged 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](http://www.solactive.com)) and is, in addition, available via the price marketing services of Boerse 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 the 06/01/2026 is 1000. Levels of the INDEX published for a period prior to this date have been back-tested. Historical values from the 30/11/2015 will be recorded.

### 1.4. PRICES AND CALCULATION FREQUENCY

The INDEX is calculated and distributed once every BUSINESS DAY based on the EVALUATED BID PRICE of the INDEX COMPONENTS. Bonds added in a rebalancing (see Section 3) are included the INDEX at the 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 EVALUATED BID PRICE on the relevant REBALANCE DAY. INDEX analytical values are calculated each BUSINESS DAY using the EVALUATED MID PRICE based on FIXING TIME. Prices of INDEX COMPONENTS not listed in the INDEX CURRENCY are converted using the 4pm New York time WM Fixing quoted by Reuters.

In addition to the intraday calculation a closing level of the INDEX for each calculation day is also calculated. This closing level is based on the CLOSING PRICES for the underlying index and 4:00 PM WM Spot and Forward Fixings quoted by Reuters. If there is no 4:00 PM WM Fixing for the relevant



CALCULATION DAY, the last available 4:00 PM New York time WM Fixing will be used for the closing level calculation.

## 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 the INDEX, as well as any selection for a rebalance (as specified in Section 3) is determined using the following rules:

- The starting universe for the INDEX is the BENCHMARK INDEX (SOLACTIVE BROAD GLOBAL DEVELOPED GOVERNMENT BOND TR EUR INDEX).
- Selected bonds issued by G7 countries. Canada, France, Germany, Italy, Japan, United Kingdom and United states of America constitute G7 countries.
- For each G7 country, select the bond with largest amount outstanding converted to CAD per maturity year (when available), covering bond maturities from 1 to 40 years.
  - Bond maturity year is year when the bond matures.
- For bond maturity years from 1 to 10 years, exclude bonds that were issued more than 4 years ago.
- Within each G7 country and bond maturity year, the bond with the smallest liquidity score is selected. The liquidity score for each bond within a country and bond maturity year group is calculated as follows:

$$Liquidity\ Score_i = w_{AO} \cdot AO_i^{scaled} - (1 - w_{AO}) \cdot (1 - e^{\alpha \cdot Q(TSI)})_i^{scaled}$$

where,

$w_{AO}$	weight assigned to the amount outstanding term (50%)
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$(1 - w_{AO})$	weight assigned to the TSI penalty term
$AO_i^{scaled}$	Minimax scaling, $\frac{(AO_i - \min(AO))}{(\max(AO) - \min(AO))}$
$Q(TSI)$	Quantile Transformer (uniform) - map raw TSI (effective time since issued for bonds) values to a uniform distribution [0,1], based on their rank.
$\alpha$	exponential scaling factor ( $\alpha = 5$ )
$(1 - e^{\alpha \cdot Q(TSI)})_i^{scaled}$	Minimax scaling of the exponential penalty for quantile transformed TSI per bond

- If the liquidity score is the same for a given country and bond maturity year then we select the bond which was issued most recently.
- Sinking-fund bonds are excluded from the index
- A price from the PRICING PROVIDER must be available for each INDEX COMPONENT on each SELECTION DAY.

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

### 2.1.1 SELECTION OF THE INDEX CURRENCY COMPONENTS

Based on the INDEX CURRENCY UNIVERSE, the initial composition of the INDEX as well as any selection for an ordinary rebalance is determined on the SELECTION DAY in accordance with the following rules (the "INDEX CURRENCY COMPONENT REQUIREMENTS"):

- All of the currencies from the INDEX CURRENCY UNIVERSE.

## 2.2. WEIGHTING OF THE INDEX COMPONENTS

On each SELECTION DAY each INDEX COMPONENT is weighted using the market value based on the EVALUATED BID PRICE to achieve the aim of the INDEX. The weighting of the INDEX COMPONENTS will be as follows:

- Compute the scaling factor for G7 country-wise aggregate weight from the universe.
- Multiply the scaling factor with the bond market weight per G7 country and per maturity year.



### *2.2.1 WEIGHTING OF THE INDEX CURRENCY COMPONENTS*

On each SELECTION DAY, the weight of each INDEX CURRENCY COMPONENT is assigned according to the aggregated weights of all the UNDERLYING INDEX COMPONENTS quoted in the respective currency for the hedged index.

## 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 INDEX" Solactive Broad Global Developed Government Bond TR EUR Index (.SOLDSOV) is the benchmark (parent) index .

"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: European Banking and New York Stock Exchange 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.

"INDEX COMMITTEE" shall have the meaning as defined in the Bond Index Methodology.

"PRICING PROVIDER" is available under [Solactive | Bond Pricing Provider and Markets Fixing Time](#).

"REBALANCE DAY" is the last BUSINESS DAY of the month of February, May, August, and November.

"SELECTION DAY" is 6 BUSINESS DAYS before the scheduled REBALANCE DAY, disregarding any potential change of the REBALANCE DAY.

*If there is a currency hedged version: for currency hedged indices, the selection day is equal to the rebalance day and rebalancing frequency is quarterly.*

"SOLACTIVE" shall have the meaning as defined in Section "Introduction".

"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	<i>24 October 2025</i>	Index Guideline creation ( <i>initial version</i> )

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