

INDEX GUIDELINE

Solactive Australian Investment Grade
Corporate Bond Select DH Index

Version 1.2

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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 Australian Investment Grade Corporate Bond Select DH Index (the "**INDEX**"). Any amendments to the rules made to the Guideline are approved by the Index Committee specified in Section 4.5. The Index is calculated, administrated and published by Solactive AG ("**SOLACTIVE**") assuming the role as index administrator (the "**INDEX ADMINISTRATOR**") under the Regulation (EU) 2016/1011 (the "**BENCHMARK REGULATION**" or "**BMR**"). The name "Solactive" is trademarked.

The text uses defined terms which are formatted with "SMALL CAPS". Such Terms shall have the meaning assigned to them as specified in Section 5 (Definitions).

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 – 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 tracks the performance of the Solactive Australian Investment Grade Corporate Bond Select Index while hedging its duration. The duration hedge is performed by holding a rolling position of the ASX Treasury Bond Futures contract. The index rebalances quarterly, the rebalance is performed in line with the FIXED INCOME INSTRUMENT (the last business day of February, May, August and November). The roll of the futures being held occurs on the 5th Business Day before the last trading date of the future contract expiration date. The index keeps a non-invested 5% buffer cash to better reflect the margin requirements of the future contracts.

1.2. IDENTIFIERS AND PUBLICATION

The INDEX is published under the following identifiers:

Name	ISIN	Currency	Type	RIC
Solactive Australian Investment Grade Corporate Bond Select DH Index	DE000SLOGS22	AUD	ER	.SOLASIGH

ER* means the Index is calculated as Excess Return.

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 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 START DATE is 1000. Historical values from the LIVE DATE will be recorded in accordance with Article 8 of the BMR. Levels of the INDEX published for a period prior to the LIVE DATE have been back-tested.



1.4. PRICES AND CALCULATION FREQUENCY

The level of the INDEX is calculated and distributed once on each TRADING DAY based on the SETTLEMENT PRICES on the respective EXCHANGES on which the futures INDEX COMPONENTS are listed. The most recent SETTLEMENT PRICES of all INDEX COMPONENTS are used. Should there be no current SETTLEMENT PRICE available, the most recent SETTLEMENT PRICE on Intercontinental Exchange ("ICE") for the preceding TRADING DAY is used in the calculation. The INDEX is calculated every BUSINESS DAY and is published every business day at 7:45pm CET. In the event that data cannot be provided to the pricing services of Boerse Stuttgart GmbH, the INDEX cannot be distributed and is only available via the website of the INDEX ADMINISTRATOR.

1.5. LICENSING

Licenses to use the INDEX as the underlying value for financial instruments, investment funds and financial contracts may be issued to stock exchanges, banks, financial services providers and investment houses by SOLACTIVE.



2. INDEX SELECTION

INDEX COMPONENTS are selected according to the REBALANCE PERIOD specified in Section 2.1 and in accordance with the ROLL SCHEDULE defined in Section 2.2.

In a first step, the INDEX ADMINISTRATOR determines the INDEX UNIVERSE in accordance with Section 2.1. The INDEX UNIVERSE comprises all those financial instruments which fulfill the INDEX UNIVERSE REQUIREMENTS (as specified in Section 2.1) and will constitute a starting pool from which the components of the INDEX will be selected. Based on this INDEX UNIVERSE, the new composition of the INDEX will be determined by applying the rules outlined in Section 2.2.

Each new INDEX COMPONENT will be assigned a weight as described in Section 2.2 and 2.3.

2.1. INDEX UNIVERSE REQUIREMENTS

The INDEX UNIVERSE is comprised of all financial instruments which fulfill the below requirements (the "INDEX UNIVERSE REQUIREMENTS"):

- It is an active Future contract having as underlying either:
 - 10 Year ASX Treasury Bonds, which Contract root RIC is YTC
 - 5 Year ASX Treasury Bonds, which Contract root RIC is YTT
- Having an Open interest for more than 100 000 contracts.
- For the non-Futures components, it has been defined in the current document as the FIXED INCOME INSTRUMENT. Please refer to Section 5 for further details.

2.2. REBALANCE PERIOD

During the REBALANCE PERIOD, after close of business :

- The ACTIVE CONTRACTS will hold a first estimated weight which is calculated by solving the below equation:

$$D_{SOLAUSIG,t} = D_{AYTC,t} * fW_{AYTC} + D_{AYTT} * fW_{AYTT}$$

Where:

$D_{i,t}$ is the DURATION of the index component i on TRADING DAY t.

fW_{AYTC} is the First Estimated Weight to be solved for YTC Contract

fW_{AYTT} is the First Estimated Weight to be solved for YTT Contract , if YTT has not fulfilled the index requirements, it is 0



- Each contract will hold a final weight which is equal to -95% times its First Estimated Weight.
- The FIXED INCOME INSTRUMENT will hold a final weight of 95%
- A residual final weight of 5% will be allocated to Australian Dollar (AUD) cash.

2.3. ROLL PERIOD

During the ROLL PERIOD the ACTIVE CONTRACT is rolled into the NEXT ACTIVE CONTRACT. The ROLL PERIOD, provided such a day is a TRADING DAY, otherwise the first TRADING DAY following after

During the ROLL PERIOD:

- The CONTRACT ROLL UNITS of the ACTIVE CONTRACT is decreased to zero after the CLOSE OF BUSINESS of the ROLL PERIOD.
- The Next ACTIVE CONTRACTS will hold a first estimated weight which is calculated by solving the below equation:

$$D_{SOLAUSIG,t} = D_{NTC,t} * fW_{NYTC} + D_{NYTT} * fW_{NYTT}$$

Where:

$D_{i,t}$ is the DURATION of the index component i on TRADING DAY t.

fW_{NYTC} is the First Estimated Weight to be solved for YTC Next Active Contract

fW_{NYTC} is the First Estimated Weight to be solved for YTT Next Active Contract, if YTT

has not fulfilled the index requirements, it is 0

- Each contract will hold a final weight which is equal to the negative value of the current weight from the FIXED INCOME INSTRUMENT in the index times its First Estimated Weight.
- The FINAL WEIGHT FOR THE FIXED INCOME INSTRUMENT should be equal to the drifted weight of this component as of the ROLL PERIOD as of close of business.
- The final weight for the cash instrument should be equal to the drifted weight of this component as of the ROLL PERIOD CLOSE OF BUSINESS



2.4. ROLL SCHEDULE

The ACTIVE CONTRACT and the NEXT ACTIVE CONTRACT are selected based on the current/next month as follows:

ACTIVE CONTRACT:

Contract/Month	1	2	3	4	5	6	7	8	9	10	11	12
YTC	H	H	H	M	M	M	U	U	U	Z	Z	Z
YYT	H	H	H	M	M	M	U	U	U	Z	Z	Z

NEXT ACTIVE CONTRACT:

Contract/Month	1	2	3	4	5	6	7	8	9	10	11	12
YTC	M	M	M	U	U	U	Z	Z	Z	H+	H+	H+
YYT	M	M	M	U	U	U	Z	Z	Z	H+	H+	H+

Where:

- A "+" defines a contract of the following year.
- YTC refers to the ASX 10Y Treasury Bond Futures.
- YTT refers to the ASX 5Y Treasury Bond Futures.

The following naming convention of the contracts holds:

Identifier	Month
H	March
M	June
U	September
Z	December



2.5. WEIGHTING OF THE INDEX COMPONENTS

The Weighting of the futures in the INDEX is done as described in Section 2.2 and 2.3.



3. CALCULATION OF THE INDEX

3.1. EXCESS RETURN INDEX FORMULA

The level of the EXCESS RETURN INDEX on any given TRADING DAY t is calculated in accordance with the following formula:

$$ER_t = ER_{tr} * \left[1 + \sum W_{i,tr} x \left(\frac{L_{i,t}}{L_{i,tr}} - 1 \right) \right]$$

where:

TR is the last rebalance or roll period. Depending which one occurs last, as described below.:

$TR = Roll\ Period$ if Roll period > REBALANCE PERIOD

$TR = Rebalance\ Period$ else.

ER_t is the EXCESS RETURN INDEX Level on the TRADING DAY immediately preceding TRADING DAY t .

$W_{i,t}$ Final Weight of the Index Component i as described in section 2.2 and 2.3

$L_{i,t}$ is the LEVEL OF THE INDEX COMPONENT i ON BUSINESS DAY t .

For avoidance of error, if a number of units per Index component must be calculated, it should be:

$U_{i,t}$ is the UNITS OF THE INDEX COMPONENT i ON BUSINESS DAY t .

Having for FIXED INCOME INSTRUMENT and the CASH instrument:

$$U_{i,t} = \frac{W_{i,t} x ER_t}{L_{i,t}} \quad \text{if } t = \text{REBALANCE PERIOD}$$

$$U_{i,t} = U_{i,t-1} \quad \text{else.}$$

For ACTIVE OR NEXT ACTIVE CONTRACT:

$$U_{i,t} = \frac{W_{i,t} x ER_t}{L_{Ai}} \quad \text{if } t = \text{REBALANCE PERIOD}$$

$$U_{i,t} = \frac{W_{i,t} x ER_t}{L_{Ni,t}} \quad \text{elseif } t = \text{ROLL PERIOD}$$

$$U_{i,t} = U_{i,t-1} \quad \text{else.}$$



- $A_{i,t}$ refers to the Active Contract i ON BUSINESS DAY t .
- $N_{i,t}$ refers to the Next Active Contract i ON BUSINESS DAY t .
- $D_{i,t}$ is the DURATION of the index component i on TRADING DAY t .

3.2. EXTRAORDINARY REBALANCE

In case the weight of the FIXED INCOME INSTRUMENT is less than 90% or higher than 97% after COB, the next calculation day will be assigned as a REBALANCE PERIOD.

THERE ARE TWO EXCEPTIONS FOR THE EXTRA ORDINARY REBALANCE PERIOD:

- The day on which the extraordinary rebalance period has been triggered is a REBALANCE DAY itself.
- There is a REBALANCE DAY between the next two BUSINESS DAYS.

3.3. ACCURACY

The level of the INDEX will be rounded to 4 decimal places.

3.4. RECALCULATION

SOLACTIVE makes the greatest possible efforts to accurately calculate and maintain its indices. However, errors in the determination process may occur from time to time for variety reasons (internal or external) and therefore, cannot be completely ruled out. SOLACTIVE endeavors to correct all errors that have been identified within a reasonable period of time. The understanding of "a reasonable period of time" as well as the general measures to be taken are generally depending on the underlying and is specified in the Solactive Correction Policy, which is incorporated by reference and available on the SOLACTIVE website: <https://www.solactive.com/documents/correction-policy/>.

3.5. MARKET DISRUPTION

In periods of market stress SOLACTIVE calculates its indices following predefined and exhaustive arrangements as described in the Solactive Disruption Policy, which is incorporated by reference and available on the SOLACTIVE website: <https://www.solactive.com/documents/disruption-policy/>. Such market stress can arise due to a variety of reasons, but generally results in inaccurate or delayed prices for one or more INDEX COMPONENTS. The determination of the INDEX may be limited or impaired at times of illiquid or fragmented markets and market stress.



4. MISCELLANEOUS

4.1. DISCRETION

Any discretion which may need to be exercised in relation to the determination of the INDEX (for example the determination of the Index Universe (if applicable), the selection of the INDEX COMPONENTS (if applicable) or any other relevant decisions in relation to the INDEX) shall be made in accordance with strict rules regarding the exercise of discretion or expert judgement.

4.2. METHODOLOGY REVIEW

The methodology of the INDEX is subject to regular review, at least annually. In case a need of a change of the methodology has been identified within such review (e.g. if the underlying market or economic reality has changed since the launch of the INDEX, i.e. if the present methodology is based on obsolete assumptions and factors and no longer reflects the reality as accurately, reliably and appropriately as before), such change will be made in accordance with the Solactive Methodology Policy, which is incorporated by reference and available on the SOLACTIVE website: <https://www.solactive.com/documents/methodology-policy/>.

Such change in the methodology will be announced on the SOLACTIVE website under the Section "[Announcement](https://www.solactive.com/news/announcements/)", which is available at <https://www.solactive.com/news/announcements/>. The date of the last amendment of this INDEX is contained in this GUIDELINE.

4.3. CHANGES IN CALCULATION METHOD

The application by the INDEX ADMINISTRATOR of the method described in this document is final and binding. The INDEX ADMINISTRATOR 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 and financial or tax reasons may require changes to be made to this method. The INDEX ADMINISTRATOR may also make changes to the terms and conditions of the INDEX and the method applied to calculate the INDEX that it 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 ADMINISTRATOR is not obliged to provide information on any such modifications or changes. Despite the modifications and changes, the INDEX ADMINISTRATOR will take the appropriate steps to ensure a calculation method is applied that is consistent with the method described above.



4.4. TERMINATION

SOLACTIVE makes the greatest possible efforts to ensure the resilience and continued integrity of its indices over time. Where necessary, SOLACTIVE follows a clearly defined and transparent procedure to adapt Index methodologies to changing underlying markets (see Section 5.2 "Methodology Review") in order to maintain continued reliability and comparability of the indices. Nevertheless, if no other options are available the orderly cessation of the INDEX may be indicated. This is usually the case when the underlying market or economic reality, which an index is set to measure or to reflect, changes substantially and in a way not foreseeable at the time of inception of the index, the index rules, and particularly the selection criteria, can no longer be applied coherently or the index is no longer used as the underlying value for financial instruments, investment funds and financial contracts.

SOLACTIVE has established and maintains clear guidelines on how to identify situations in which the cessation of an index is unavoidable, how stakeholders are to be informed and consulted and the procedures to be followed for a termination or the transition to an alternative index. Details are specified in the Solactive Termination Policy, which is incorporated by reference and available on the SOLACTIVE website: <https://www.solactive.com/documents/termination-policy/>.

4.5. OVERSIGHT

An oversight committee composed of staff from SOLACTIVE and its subsidiaries (the "**OVERSIGHT COMMITTEE**") is responsible for decisions regarding any amendments to the rules of the INDEX. Any such amendment, which may result in an amendment of the GUIDELINE, must be submitted to the OVERSIGHT COMMITTEE for prior approval and will be made in compliance with the Methodology Policy, which is available on the SOLACTIVE website: <https://www.solactive.com/documents/methodology-policy/>.



5. DEFINITIONS

“**ACTIVE CONTRACT**” means the contract given in the ROLL SCHEDULE under Section 2.2.

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

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

“**BUSINESS DAY**” is a weekday from Monday to Friday, on which the EXCHANGE is open for general business.

“**CLOSE OF BUSINESS**” is the calculation time of the closing level of the INDEX as outlined in Section 1.4.

“**CONTRACT ROLL WEIGHT**” means the target weight described in the Section 2.1.

“**EXCHANGE**” means the Australia Stock Exchange(MIC XASX).

“**FIXED INCOME INSTRUMENT**” Solactive Australian Investment Grade Corporate Bond Select TR Index, (RIC : .SOLAUSIG)

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

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

“**EXCESS RETURN INDEX**” shall have the meaning as defined in Section 3.1.

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

“**INDEX COMPONENT**” is each contract currently reflected in the INDEX.

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

“**LIVE DATE**” is 21st October 2022.

“**NEXT ACTIVE CONTRACT**” means the contract given in the ROLL SCHEDULE under Section 2.2.

“**OVERSIGHT COMMITTEE**” shall have the meaning as defined in Section 5.5.

“**REBALANCE PERIOD**” means the last business day of February, May, August and November.

“**ROLL PERIOD**” means the fifth business day before the REFERENCE DAY.

“**REFERENCE DAY**” fifteenth calendar day of March, June, September and December. in case the 15th Day of these months is not a business day, the reference day will be the next business day.

“**SETTLEMENT PRICE**” in respect of an INDEX COMPONENT and a TRADING DAY is the average price, at which an ACTIVE CONTRACT trades, calculated at the close of each TRADING DAY by the EXCHANGE.

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

“**START DATE**” is 2nd February 2012.

“**TOTAL RETURN INDEX**” shall have the meaning as defined in Section 3.2. TOTAL RETURN INDEX calculation is provided for illustration purposes.



“TRADING DAY” is in respect of the INDEX and an INDEX COMPONENT a day on which the relevant EXCHANGE is open for trading (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 ADMINISTRATOR 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.

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