

# INDEX GUIDELINE

Solactive EU Equity 1-Day Rolling Future Index ER (EUR)

Version 1.0

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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 EU Equity 1-Day Rolling Future Index ER (EUR) (the "INDEX"). Any amendments to the rules made to the GUIDELINE are approved by the INDEX COMMITTEE specified in Section 4.5. Each 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 text uses defined terms which are formatted with "SMALL CAPS". Such Terms shall have the meaning assigned to them as specified in Section 5.*

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 provides exposure to Euro Stoxx 50 Futures. On a regular basis, it reduces its exposure to the future contract it currently holds and increases its exposure to a future contract with a later expiration date.

## 1.2. IDENTIFIERS AND PUBLICATION

The INDEX is published under the following identifiers:

Name	ISIN	Currency	Type*	RIC	BBG ticker
Solactive EU Equity 1-Day Rolling Future Index ER (EUR)	DE000SLOKU48	EUR	ER	.SOFIVGS0	SOFIVGS0 Index

*Table 1 Identifier*

\*ER means that the Index is calculated as excess return

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 its respective INDEX START DATE is START LEVEL. 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 on each INDEX CALCULATION DAY at 9:00am CET based on the FUTURE LEVEL for the INDEX COMPONENTS on the respective EXCHANGES on which the INDEX COMPONENTS are listed.

## 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

### 2.1. SELECTION OF INDEX COMPONENTS

The INDEX comprises of FUTURE CONTRACTS of the INDEX COMPONENT.

The determination of the FUTURE CONTRACTS is fully rule-based and in accordance with the Roll Schedule defined in Section 2.2

### 2.2. ROLLING SCHEDULE

At the close of the INDEX START DATE, the INDEX invests 100% of its notional position in the INDEX COMPONENT's front month futures contract, such contract being the ACTIVE CONTRACT.

Then, at the close of each ROLL DATE, the INDEX transfers 100% of its notional position from the INDEX COMPONENT's front month futures contract to the INDEX COMPONENT's NEXT ACTIVE CONTRACT, such contract becoming the ACTIVE CONTRACT.

The ROLL DATE for an index component's future contract is:

1. An INDEX BUSINESS DAY
2. A number  $r$  (being equal to the ROLL INTERVAL with respect to the Index as specified in Table 2 Index Parameters) of INDEX BUSINESS DAYS preceding the ROLL ANCHOR of the INDEX COMPONENT's FUTURE CONTRACT.

In relation to INDEX CALCULATION DAY  $t$  the ROLL ANCHOR  $anchor_t$  is defined as follows:

1. In case of Table 2 Index Parameters column "Roll Anchor" is set to "Expiry"  $anchor_t$  is set to the EXPIRATION DAY of the ACTIVE CONTRACT.

Table 4 Expiration Month of the Active Contract defines the ACTIVE CONTRACT's expiration month per calendar month of INDEX CALCULATION DAY  $t$ . The expiration year is the number of plus signs "+" years after calendar year of INDEX CALCULATION DAY  $t$ .

The NEXT ACTIVE CONTRACT is the next maturing FUTURE CONTRACT.

For instance, for all INDEX CALCULATION DAYS in December the ACTIVE CONTRACT prior to any roll would be the one expiring in December the same year, and the NEXT ACTIVE CONTRACT would expire in March the following year.

RIC	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
.SOF1VGS0	Mar	Mar	Mar	Jun	Jun	Jun	Sep	Sep	Sep	Dec	Dec	Dec

To illustrate the rolling schedule above, consider the rolling schedule of .SOF1VGS0:



RIC	Roll Interval	Roll Anchor
.SOFIVGSO	2	Expiry

The ROLL ANCHOR would be set to the ACTIVE'S CONTRACT'S expiration date. Therefore, Roll Date would be the second last day before expiration.

Weekday	Mon	Tue	Wed	Thu	Fri
Named Day			Roll Date		Roll Anchor
WEIGHT of the ACTIVE CONTRACT	100%	100%	100%	0%	0%
WEIGHT of the NEXT ACTIVE CONTRACT	0%	0%	0%	100%	100%

### 2.3. NUMBER OF UNITS OF THE INDEX COMPONENT

In relation to INDEX CALCULATION DAY  $t$  the Number of Units of the ACTIVE CONTRACT of the INDEX COMPONENT  $Units_t^{Active}$  is calculated as follows:

$$Units_t^{Active} = \frac{Index_{t_{Roll}}^{ER}}{Px_{t_{Roll}}^{Active_t}}$$

Where:

$Active_t$ : is the ACTIVE CONTRACT of the Index Component on INDEX CALCULATION DAY  $t$ . For the avoidance of doubt, where INDEX CALCULATION DAY  $t$  is a ROLL DATE,  $Active_t$  refers to the ACTIVE CONTRACT prior to any roll.

$Index_{t_{Roll}}^{ER}$ : is the Excess Return Level of the Index denominated in the Base Currency on ROLL DATE  $t_{Roll}$

$Px_{t_{Roll}}^{Active_t}$ : is the FUTURE LEVEL of  $Active_t$  on ROLL DATE  $t_{Roll}$

$t_{Roll}$ : in respect of INDEX CALCULATION DAY  $t$ , is the ROLL DATE of the active contract in relation to the INDEX CALCULATION DAY immediately preceding such INDEX CALCULATION DAY  $t$ , provided that prior to the first ROLL DATE,  $t_{Roll}$  shall be the INDEX START DATE.



## 3. CALCULATION OF THE INDEX

### 3.1 INDEX FORMULA

On INDEX START DATE  $t_0$  the Excess Return Level of the INDEX is defined as:

$$Index_{t_0}^{ER} = StartLevel$$

Where:

**StartLevel**: has the meaning given to it in Table 2 Index Parameters in column "Start Level".

On any INDEX CALCULATION DAY  $t$  after INDEX START DATE the Excess Return Level of the INDEX  $Index_t^{ER}$  is calculated as follows:

$$Index_t^{ER} = Index_{t-1}^{ER} + ICP_t^{Active_t}$$

Where:

$Index_{t-1}^{ER}$ : is the Excess Return Level of the INDEX on the INDEX CALCULATION DAY immediately preceding INDEX CALCULATION DAY  $t$ .

$ICP_t^{Active_t}$ : is the INDEX COMPONENT PERFORMANCE of  $Active_t$  as of INDEX CALCULATION DAY  $t$  as defined in section 3.1.1

#### 3.1.1 Index Component Performance

The INDEX COMPONENT PERFORMANCE  $ICP_t^{Active_t}$  as of INDEX CALCULATION DAY  $t$  is calculated as follows:

$$ICP_t^{Active_t} = Units_t^{Active_t} \times (Px_t^{Active_t} - Px_{t-1}^{Active_t})$$

Where:

$Units_t^{Active_t}$ : is the Number of Units held in ACTIVE CONTRACT  $Active_t$  as of CALCULATION DAY  $t$  as defined in section 2.3.

$Active_t$ : is the ACTIVE CONTRACT of the Index Component on INDEX CALCULATION DAY  $t$ . For the avoidance of doubt, where INDEX CALCULATION DAY  $t$  is a ROLL DATE,  $Active_t$  refers to the ACTIVE CONTRACT prior to any roll.

$Px_t^{Active_t}$ : is the FUTURE LEVEL of  $Active_t$  on INDEX CALCULATION DAY  $t$  as defined in section 3.1.2.

$Px_{t-1}^{Active_t}$ : is the FUTURE LEVEL of  $Active_t$  on INDEX CALCULATION DAY immediately preceding INDEX CALCULATION DAY  $t$  as defined in section 3.1.2.

#### 3.1.2 Future Level

If Table 2 Index Parameters in column "Price Definition" is set to "Settlement", the FUTURE LEVEL of the FUTURE CONTRACT  $c$  as of CALCULATION DAY  $t$  is set to its SETTLEMENT LEVEL provided by the EXCHANGE:

$$Px_t^c = Settlement_t^c$$



## 3.2 ACCURACY

For publication, the level of the INDEX will be rounded to 2 decimal places. All subsequent levels of the INDEX refer to the preceding rounded level of the INDEX.

## 3.3 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/>.

## 3.4 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 each 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 each 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 each 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 each 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 4.2) 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 INDEX COMMITTEE

An oversight committee composed of staff from SOLACTIVE and its subsidiaries (the "INDEX 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 INDEX 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" shall have the meaning as defined in Section 2.2

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

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

"EXCHANGE" is with respect to the INDEX, the respective exchange where all INDEX COMPONENTS has its listing as determined in accordance with the rules in Section 2. The EXCHANGE as identified by its MIC specified by Table 2 Index Parameters column "Exchange MIC".

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

"FUTURE CHAIN" is the set of FUTURE CONTRACTS that are related to a specific EXCHANGE and specific underlying asset. A FUTURE CHAIN is identified by Table 2 Index Parameters column "Future Chain RIC".

"FUTURE CONTRACT" means a contract that confers an obligation to trade the underlying asset at a pre-defined price on a pre-defined date in the future.

"FUTURE CURRENCY" shall have the meaning as defined in Table 2 Index Parameters column "Future Currency".

"FUTURE LEVEL" shall have the meaning as defined in Section 3.1.2.

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

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

"INDEX BUSINESS DAY" in respect of an INDEX, is any day which is both a LONDON BUSINESS DAY and INDEX CALCULATION DAY

"INDEX CALCULATION DAY" is every weekday from Monday to Friday. A day on which the EXCHANGE is not open for general business is not an INDEX CALCULATION DAY.

"INDEX COMMITTEE" shall have the meaning as defined in Section 4.5

"INDEX COMPONENT" is the set of FUTURE CONTRACTS reflected in the INDEX that are related to a specific FUTURE CHAIN.

"INDEX COMPONENT PERFORMANCE" shall have the meaning as defined in Section 3.1.1

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

"INDEX START DATE" shall have the meaning given to it in Table 3 Calculation Parameters column "Start Date".

"LIVE DATE" shall have the meaning given to it in Table 3 Calculation Parameters column "Live Date".

"LOCAL TRADING DAY" is any day on which commercial banks and foreign exchange markets settle payments and are open for general business (including dealing in foreign exchange and foreign currency deposit) in London



"LONDON TRADING DAY" is any day on which commercial banks and foreign exchange markets settle payments and are open for general business (including dealing in foreign exchange and foreign currency deposit) in London

"MIC" means Market Identifier Code.

"NEXT ACTIVE CONTRACT" shall have the meaning as defined in Section 2.2

"RIC" means Refinitiv Instrument Code.

"ROLL ANCHOR" shall have the meaning as defined in Section 2.2.

"ROLL INTERVAL" shall mean the number of INDEX BUSINESS DAY as specified in Table 2 Index Parameters

"ROLL DATE" shall have the meaning as defined in Section 2.2.

The "SETTLEMENT LEVEL" in respect of a FUTURE CONTRACT is the official settlement price published by the EXCHANGE and determined in accordance with the EXCHANGE regulations.

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

"START LEVEL" shall have the meaning given to it in Table 3 Calculation Parameters column "Start Level".



## 6 HISTORY OF INDEX CHANGES

Version	Date	Description
1.0	26 January 2024	Index Guideline creation ( <i>initial version</i> )

# APPENDIX

RIC	Future Chain RIC	Exchange MIC	Future Currency	Price Definition	Roll Anchor	Roll Interval
.SOFIVGSO	0#STXE:	XEUR	EUR	Settlement	Expiry	2

*Table 2 Index Parameters*

RIC	Start Date	Live Date	Start Level	Publication Precision
.SOFIVGSO	2017-12-13	2024-05-10	1658.54	2

*Table 3 Calculation Parameters*

RIC	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
.SOFIVGSO	Mar	Mar	Mar	Jun	Jun	Jun	Sep	Sep	Sep	Dec	Dec	Dec

*Table 4 Expiration Month of the Active Contract*

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