

INDEX GUIDELINE

*SOLACTIVE CLIMATE CHANGE AND ENVIRONMENTAL
OPPORTUNITIES INDEX*

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 Climate Change and Environmental Opportunities Index (the "**INDEX**"). Any amendments to the rules made to the GUIDELINE are approved by the OVERSIGHT COMMITTEE specified in Section 5.5. 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 text uses defined terms which are formatted with "SMALL CAPS". Such Terms shall have the meaning assigned to them as specified in Section 6 (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

Category	Description
Asset Class	Equity
Strategy	Representation of sectors expected to have a positive climate change and environmental impact, associated with decarbonization activities that enable CO ₂ e avoidance. The specific sectors are Green Energy, Green Transportation, Water & Waste Improvements, Enabling Solutions, and Sustainable Products.
Regional Allocation	Global Markets
Rebalancing Fee	-
Rebalancing Frequency	Semi-Annually

1.2. IDENTIFIERS AND PUBLICATION

The INDEX is published under the following identifiers:

Name	ISIN	Currency	Type	RIC	BBG ticker
Solactive Climate Change and Environmental Opportunities Index PR	DE000SLOCL72	AUD	PR*	.SOCCENVP	-
Solactive Climate Change and Environmental Opportunities Index NTR	DE000SLOCL80	AUD	NTR*	.SOCCENVN	SOCCENVN Index
Solactive Climate Change and Environmental Opportunities Index GTR	DE000SLOCL98	AUD	GTR*	.SOCCENVT	-

*PR, NTR, GTR means that the Index is calculated as price return, net total return, gross total return Index as described in the Equity Index Methodology, which is available on the SOLACTIVE website: <https://www.solactive.com/documents/equity-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 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 02/08/2017, the START DATE, is 1000. Historical values from the 04/03/2021, 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-casted.

1.4. PRICES AND CALCULATION FREQUENCY

The level of the INDEX is calculated on each CALCULATION DAY from 1:00 a.m. to 10:50 p.m. CET based on the TRADING PRICES on the EXCHANGES on which the INDEX COMPONENTS are listed. TRADING PRICES of INDEX COMPONENTS not listed in the INDEX CURRENCY are converted using the current Intercontinental Exchange (ICE) spot foreign exchange rate. Should there be no current TRADING PRICE for an INDEX COMPONENT, the later of: (i) the most recent CLOSING PRICE; or (ii) the last available TRADING PRICE for the preceding TRADING DAY is used in the calculation.

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 INDEX COMPONENTS on the respective EXCHANGES on which the INDEX COMPONENTS are listed. The CLOSING PRICES of INDEX COMPONENTS not listed in the INDEX CURRENCY are converted using the 04:00 p.m. London time WM Fixing quoted by Reuters. If there is no 04:00 p.m. London time WM Fixing for the relevant CALCULATION DAY, the last available 04:00 p.m. London time WM Fixing will be used for the closing level calculation.

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

On each SELECTION DAY, the INDEX ADMINISTRATOR will revise the composition of the INDEX.

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 2.3.

2.1. INDEX UNIVERSE REQUIREMENTS

The INDEX UNIVERSE is comprised of all financial instruments which fulfill the below requirements

(the "**INDEX UNIVERSE REQUIREMENTS**"):

Part/ Component of the **GBS INDEX UNIVERSE** of the *Solactive GBS Global Markets All Cap USD Index TR (ISIN: DE000SLA78F9)*, on a SELECTION DAY.

The determination of the INDEX UNIVERSE is fully rule-based and the INDEX ADMINISTRATOR cannot make any discretionary decisions.

2.2. SELECTION OF THE INDEX COMPONENTS

Based on the INDEX 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:

1. Listed on one of the eligible EXCHANGES as defined in Section 7 below.
2. Index Components are selected based on a list of products and services that enable CO2 avoidance, across five broader sectors i.e.
 - a. Green Energy,
 - b. Green Transportation,
 - c. Water & Waste Improvements,
 - d. Enabling Solutions, and
 - e. Sustainable Products

(a full description of each sector can be found on the website of the Data Provider: <http://iclima.earth/>).



Each company in the Index Universe is classified into one of up to 28 subsegments defined according to products and services that enable at least one of four sources of CO2 avoidance.

The entire methodology the Data Provider uses to quantify CO2 avoidance can be found here: <http://iclimatearth.com/outline-of-the-methodology-climate-has-developed-to-estimate-co2-avoidance-potential-that-we-see-as-key-proxy-for-climate-change-impact-assessment/>. The four sources of CO2 avoidance are:

- a. direct reduction of GHG emissions from fossil fuel energy generation or burning;
- b. enabling avoidance via renewable energy generation;
- c. enabling of energy savings; or
- d. carbon sequestration.

The subsegments were identified with reference to, among others, the 100 solutions that can decarbonise the planet as defined by Project Drawdown, in triangulation with the EU Taxonomy recommendations by the Technical Expert Group (TEG). A link to the EU Taxonomy can be found here: <https://www.unpri.org/policy/eu-sustainable-finance-taxonomy>.

Each company is vetted based on a revenue test, to ascertain relevance and materiality of the climate change solutions. To accomplish this, the revenue of each company in the Index Universe is analysed, according to the maximum amount of breakdown of the revenue lines. The Data Provider uses the financial reports that each company prepares according to the jurisdiction where the company is based and the GAAP the company needs to adhere to. Additional information from investor relations can potentially be used in the calculation of the percentage of total revenues that are directly related to the products and services previously identified as those that can enable CO2 avoidance.

Companies are classified according to the percentage of green revenue (defined as the revenues associated with activities that generate CO2 avoidance) vis-a-vis the total net revenue reported, provided by the Data Provider. Current Index Components on the Selection Day need to have minimum green revenue of 40%, while companies that are currently not included in the Index need to have minimum green revenue of 50%.

If there are multiple eligible companies within a product or service subsegment that provide substantially identical exposure to the same enabling solution (taking into account considerations including geographical exposure, customer base, product lines, technology and regulatory environment) then only the largest company, according to green revenues, within the subsegment will be selected.

3. Companies in the INDEX UNIVERSE are also subject to a negative screening test where rules define activities that companies in the index cannot be exposed to. The screening is performed by the DATA PROVIDER:

- a. Armament:



- i. Companies that directly manufacture and sell any type of armament are excluded.
 - ii. Companies generating revenues from the sale of components are excluded if they derive 5% or more of their revenue from components that are used for conventional weapons or more than 0% of their revenue from components used in controversial weapons (nuclear weapons or systems, chemical or biological weapons, landmines, cluster bombs, or depleted uranium weapons).
- b. Nuclear Energy:
 - i. Companies deriving revenues from generation of nuclear power are excluded.
- c. Oil
 - i. Companies with assets in oil exploration and processing activities are excluded. This encompasses companies that lease land with oil & gas reserves to be explored by third party E&P players.
 - ii. Companies generating revenues from the distribution of petrol-based products are excluded.
- d. Coal:
 - i. Companies generating revenue from the exploration or processing of coal are excluded. Companies that use coal to produce energy or heat for their own consumption or production purposes are also excluded (i.e. the coal exclusion extends beyond the use of coal to generate energy for sale to third parties).
- e. Natural Gas:
 - i. Companies generating revenues from the generation or distribution of natural gas are excluded.
 - ii. To clarify, direct-to-retail marketing/sale of electricity is not an excluded activity under i.
- f. Fossil Fuel
 - i. Exclusion of companies generating more than 20% of their revenues from sales to clients that enable fossil fuel E&P, processing activities, or use. A concession is granted to solutions that are designed to reduce carbon intensity, e.g. smart meters and fuel cells as well as monitoring and control devices, as well as equipment that runs on gas. Therefore, the filter is not generally applied for companies classified in the following sub-segments:
 - 1. Pollution Control,
 - 2. Alternative Fuels & Fuel Cells,
 - 3. Energy Efficiency,



4. Energy Storage,
 5. Measurement Instruments
- ii. For the electric vehicle subsegment, companies are excluded that generate more than 40% of their revenue from the sale of automotives with internal combustion engines that run on fossil fuel.
- g. Additional screens:
 - i. The selection is based on products and services that can decarbonise the planet. As such, companies that produce alcohol, adult entertainment, gambling, and/or tobacco are excluded.
4. Minimum TOTAL MARKET CAPITALIZATION of USD 200 million and revenue generating. In addition, companies with three consecutive fiscal years of negative revenue growth are also excluded. The screening is performed by the DATA PROVIDER.
 5. In case of multiple share lines, only keep the most liquid listing, calculated as the minimum AVERAGE DAILY VALUE TRADED over the past 1 and 6 months until and including the SELECTION DAY.
 6. All remaining securities are ranked by FREE-FLOAT MARKET CAPITALIZATION. To clarify, the security with the largest Free Float Market Capitalization receives the highest rank.
 7. The top 80 securities with the highest rank are selected as INDEX COMPONENTS.
 8. Current INDEX COMPONENTS with ranks from 81 to 120 are selected by rank until the target INDEX COMPONENT count of 100 is reached.
 9. If there are less than 100 INDEX COMPONENTS after step 8, securities currently not included in the INDEX are selected until the target INDEX COMPONENT count of 100 is reached

If less than 100 securities pass the selection criteria described above, all such securities will be selected resulting in less than 100 Index Components.

Companies for which an evaluation of the steps listed above is not feasible due to missing and/or insufficient data are removed from the selection.

(the "**INDEX COMPONENT REQUIREMENTS**")

The selection of the INDEX COMPONENTS is fully rule-based and the INDEX ADMINISTRATOR cannot make any discretionary decision.

2.3. WEIGHTING OF THE INDEX COMPONENTS

On each SELECTION DAY each INDEX COMPONENT is assigned an initial weight according to FREE FLOAT MARKET CAPITALIZATION. Individual weights of INDEX COMPONENTS are subsequently capped such that the weight of the INDEX COMPONENT does not exceed 4%. The excess weight will be distributed to the other INDEX



COMPONENTS, with an initial weight below 4%, pro-rata in an iterative process until all INDEX COMPONENTS have a maximum weight of 4%.

Subsequently, individual weights of INDEX COMPONENTS are floored such that the weight of the INDEX COMPONENT does not fall below 0.3%. The excess weight will be taken from the other INDEX COMPONENTS, with an initial weight below 4% and above 0.3%, pro-rata in an iterative process until all INDEX COMPONENTS have a minimum weight of 0.3%.



3. REBALANCE

3.1. ORDINARY REBALANCE

In order to reflect the new selection of the INDEX COMPONENTS determined on the SELECTION DAY (in accordance with Section 2.1 and 2.2) the INDEX is adjusted on the REBALANCE DAY after CLOSE OF BUSINESS.

This is carried out by implementing the shares as determined on the FIXING DAY based on the weights calculated on the SELECTION DAY.

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

SOLACTIVE will publish any changes made to the INDEX COMPONENTS with sufficient notice before the REBALANCE DAY on the SOLACTIVE webpage under the section "Announcement", which is available at <https://www.solactive.com/news/announcements/>

3.2. EXTRAORDINARY REBALANCE

The INDEX is not rebalanced extraordinarily.



4. CALCULATION OF THE INDEX

4.1. INDEX FORMULA

The INDEX is calculated as a price return, net total return, gross total return Index.

The calculation is performed according to the Equity Index Methodology, which is available on the SOLACTIVE website: <https://www.solactive.com/documents/equity-index-methodology/>. The divisor index formula stipulates that the level of the INDEX changes based on the change of the prices of its INDEX COMPONENTS taking into account their weight in the INDEX and any currency conversion in case the price of an INDEX COMPONENT is quoted in a currency other than the INDEX CURRENCY.

Any dividends or other distributions are reinvested across the entire basket of INDEX COMPONENTS by means of a divisor at the opening of the effective date (the so-called ex-date) of the payment of such dividend or other distribution.

A more detailed description of the mechanics of the index calculation formula can be found in the Equity Index Methodology under Section 1.2.

4.2. ACCURACY

The level of the INDEX will be rounded to two decimal places. Divisors will be rounded to six decimal places. TRADING PRICES and foreign exchange rates will be rounded to six decimal places.

4.3. ADJUSTMENTS

Under certain circumstances, an adjustment of the INDEX may be necessary between two regular REBALANCE DAYS. Such adjustment has to be made if a corporate action (as specified in Section 4.4 below) in relation of an INDEX COMPONENT occurs. Such adjustment may have to be done in relation to an INDEX COMPONENT and/or may also affect the number of INDEX COMPONENTS and/or the weighting of certain INDEX COMPONENTS and will be made in compliance with the Solactive Equity Index Methodology, which is incorporated by reference and available on the SOLACTIVE website: <https://www.solactive.com/documents/equity-index-methodology/>.

SOLACTIVE will announce the INDEX adjustment giving a notice period of at least two TRADING DAYS (with respect to the affected INDEX COMPONENT) on the SOLACTIVE website under the Section "Announcements", which is available at <https://www.solactive.com/news/announcements/>. The INDEX adjustments will be implemented on the effective day specified in the respective notice.



4.4. 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. Corporate actions will be implemented from the cum-day to the ex-day of the corporate action, so that the adjustment to the INDEX coincides with the occurrence of the price effect of the respective corporate action.

Adjustments to the INDEX to account for corporate actions will be made in compliance with the Equity Index Methodology, which is available on the SOLACTIVE website: <https://www.solactive.com/documents/equity-index-methodology/>. This document contains for each corporate action a brief definition and specifies the relevant adjustment to the INDEX variables.

While SOLACTIVE aims at creating and maintaining its methodology for treatment of corporate actions as generic and transparent as possible and in line with regulatory requirements, it retains the right in accordance with the Equity Index Methodology to deviate from these standard procedures in case of any unusual or complex corporate action or if such a deviation is made to preserve the comparability and representativeness of the INDEX over time.

SOLACTIVE considers following, but not conclusive, list of corporate actions as relevant for INDEX maintenance:

- > Cash Distributions (e.g. payment of a dividend)
- > Stock distributions (e.g. payment of a dividend in form of additional shares)
- > Stock distributions of another company (e.g. payment of a dividend in form of additional shares of another company (e.g. of a subsidiary))
- > Share splits (company's present shares are divided and therefore multiplied by a given factor)
- > Reverse splits (company's present shares are effectively merged)
- > Capital increases (such as issuing additional shares)
- > Share repurchases (a company offer its shareholders the option to sell their shares to a fixed price)
- > Spin-offs (the company splits its business activities into two or more entities and distributes new equity shares in the created entities to the shareholders of the former entity)
- > Mergers & Acquisitions (transaction in which the ownership of a company (or other business organizations) are transferred or consolidated with other entities, e.g. fusion of two or more separate companies into one entity)
- > Delistings (company's shares are no longer publicly traded at a stock exchange)
- > Nationalization of a company (effective control of a legal entity is taken over by a state)



> Insolvency

4.5. 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/>.

4.6. 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.



5. MISCELLANEOUS

5.1. 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.

5.2. 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.

5.3. 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.



5.4. 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/>.

5.5. 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/>.



6. DEFINITIONS

“AVERAGE DAILY VALUE TRADED” means, in respect of an INDEX COMPONENT, the sum of DAILY VALUE TRADED over the specified period divided by the number of TRADING DAYS that fall in the specified period.

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

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

“CALCULATION DAY” is every weekday from Monday to Friday.

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

The **“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.

“DAILY VALUE TRADED” means, in respect of an INDEX COMPONENT and a TRADING DAY, the product of (i) the CLOSING PRICE of such INDEX COMPONENT and (ii) the volume traded (measured as a number of shares) of such INDEX COMPONENT on the EXCHANGE during such TRADING DAY.

“DATA PROVIDER” is iClima Earth Ltd. For more information, please visit: <http://iclimatearth.com/>.

“ELIGIBLE REBALANCE DAY” is each day that is a TRADING DAY at the New York Stock Exchange, the London Stock Exchange, the EUREX Exchange and the Tokyo Stock Exchange.

“EXCHANGE” is with respect to the INDEX and every INDEX COMPONENT, the respective exchange where the INDEX COMPONENT has its listing as determined in accordance with the rules in Section 2.

“FIXING DAY” is the SELECTION DAY.

The **“FREE FLOAT”** is with regard to each of the securities fulfilling the Index Component Requirements on a SELECTION DAY the share class-specific fraction of the total number of shares of such share class issued that are available for trading by market participants and not locked-in by long term holders, as sourced from data vendors.

The **“FREE FLOAT MARKET CAPITALIZATION”** is with regard to each of the securities fulfilling the Index Component Requirements on a SELECTION DAY the share class-specific free float market capitalization. It is calculated as the multiplication of the shares outstanding in FREE FLOAT (as sourced from data vendors) with the CLOSING PRICE of the share class as of the respective SELECTION DAY.

“GBS INDEX UNIVERSE” is the INDEX UNIVERSE as defined in the guideline of the SOLACTIVE Global Benchmark Series (<https://solactive.com/downloads/Guideline-Solactive-GBS-Benchmark-Series.pdf>) for the for the GBS Index specified in Section 2.1.

“GBS INDEX COMPONENT” is each security reflected in the GBS Index specified in Section 2.1.

“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 COMPONENT**” is each security reflected in the INDEX.

“**INDEX COMPONENT REQUIREMENTS**” shall have the meaning as defined in Section 2.2.

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

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

“**INDEX UNIVERSE**” is the sum of all financial instruments which fulfill the INDEX UNIVERSE REQUIREMENTS.

“**LIVE DATE**” shall have the meaning as defined in Section 1.3.

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

“**REBALANCE DAY**” is the first Wednesday in February and August. If that day is not an ELIGIBLE REBALANCE DAY the REBALANCE DAY will be the immediately following ELIGIBLE REBALANCE DAY.

“**SELECTION DAY**” is 20 CALCULATION DAYS before the REBALANCE DAY.

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

“**START DATE**” shall have the meaning as defined in Section 1.3.

The “**TOTAL MARKET CAPITALIZATION**” is with regard to each of the securities in the INDEX on a SELECTION DAY the sum of all SHARE CLASS MARKET CAPITALIZATIONS of a company.

“**TRADING DAY**” is with respect to an INDEX COMPONENT included in the INDEX at the REBALANCE DAY and every INDEX COMPONENT included in the INDEX at the CALCULATION DAY immediately following the REBALANCE DAY (for clarification: this provision is intended to capture the TRADING DAYS for the securities to be included in the INDEX as new INDEX COMPONENTS with close of trading on the relevant EXCHANGE on the REBALANCE DAY) 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 scheduled EXCHANGE closing time and days on which the EXCHANGE is open for a scheduled shortened period. The INDEX ADMINISTRATOR is ultimately responsible as to whether a certain day is a TRADING DAY.

The “**TRADING PRICE**” 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.



7. LIST OF ELIGIBLE EXCHANGES

The table below includes the eligible EXCHANGES of the INDEX.

Country Name	Stock Exchange
Asia/Pacific	
Australia	Australian Securities Exchange
Hong Kong	Stock Exchange of Hong Kong
Japan	Tokyo Stock Exchange JASDAQ Securities Exchange
South Korea	KOSDAQ KOSPI Stock Market
Taiwan	Taiwan Stock Exchange Taipei Exchange
New Zealand	New Zealand Exchange
Singapore	Singapore Exchange
Malaysia	Malaysia Stock Exchange
Africa and Middle East	
Israel	Tel Aviv Stock Exchange
South Africa	Johannesburg Stock Exchange
Europe	
Austria	Vienna Stock Exchange
Belgium	Euronext Brussels
Denmark	NASDAQ OMX Nordic Copenhagen First North
Finland	NASDAQ OMX Nordic Helsinki First North
France	Euronext Paris
Germany	XETRA
Ireland	Irish Stock Exchange
Italy	Milan Stock Exchange
Netherlands	Euronext Amsterdam
Norway	Oslo Stock Exchange
Poland	Warsaw Stock Exchange
Portugal	Euronext Lisbon
Spain	Madrid Stock Exchange



	Mercado Alternativo Bursatil
Greece	Athens Exchange
Sweden	Nordic Growth Market NASDAQ OMX Nordic Stockholm First North
Switzerland	SIX Swiss Exchange
United Kingdom	London Stock Exchange
North America	
Canada	Toronto Stock Exchange
USA	New York Stock Exchange NYSE MKT LLC. NYSE Arca NASDAQ Investors Exchange BATS Exchange
America	
Mexico	Mexican Stock Exchange
Brazil	Bolsa de Valores de Sao Paulo
Chile	Santiago Stock Exchange

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EXPLANATION OF HOW KEY ELEMENTS OF THE BENCHMARK METHODOLOGY REFLECT ENVIRONMENTAL, SOCIAL, AND GOVERNANCE (ESG) FACTORS

Solactive Climate Change and Environmental Opportunities
Index NTR



This document provides an explanation of how the key elements of the benchmark methodology reflect ESG factors. It is compiled in accordance with the requirements of point (d) of Article 13 (1) of Regulation (EU) 2016/1011 of the European Parliament and of the Council of 8 June 2016 (the "Benchmarks Regulation") and of the Commission Delegated Regulation (EU) 2020/1817.

General Information

Name of the benchmark administrator	Solactive AG
Type of benchmark or family of benchmarks	Equity
Name of the benchmark or family of benchmarks	Solactive Climate Change and Environmental Opportunities Index NTR
Does the benchmark methodology for the benchmark or family of benchmarks take into account ESG factors?	Yes

ESG Factors Applied in the Benchmark Methodology

List of environmental factors considered	<p>> Index Components are selected based on a list of products and services that enable CO2 avoidance, across five broader sectors i.e. a.\tGreen Energy, b.\tGreen Transportation, c.\tWater & Waste Improvements, d.\tEnabling Solutions, and e.\tSustainable Products (a full description of each sector can be found on the website of the Data Provider: http://iclimate.earth/). Each company in the Index Universe is classified into one of up to 28 sub-segments defined according to products and services that enable at least one of four sources of CO2 avoidance. The entire methodology the Data Provider uses to quantify CO2 avoidance can be found here: http://iclimate.earth/outline-of-the-methodology-climate-has-developed-to-estimate-co2-avoidance-potential-that-we-see-as-key-proxy-for-climate-change-impact-assessment/. The four sources of CO2 avoidance are: a.\tdirect reduction of GHG emissions from fossil fuel energy generation or burning; b.\tenabling avoidance via renewable energy generation; c.\tenabling of energy savings; or d.\tcarbon sequestration. The subsegments were identified with reference to, among others, the 100 solutions that can decarbonise the planet as defined by Project Drawdown, in triangulation with the EU Taxonomy recommendations by the Technical Expert Group (TEG). A link to the EU Taxonomy can be found here: https://www.unpri.org/policy/eu-sustainable-finance-taxonomy. Each company is vetted based on a revenue test, to ascertain relevance and materiality of the climate change solutions. To accomplish this, the revenue of each company in the Index Universe is analysed, according to the maximum amount of breakdown of the revenue lines. The Data Provider uses the financial reports that each company prepares according to the jurisdiction where the company is based and the GAAP the company needs to adhere to. Additional information from investor relations can potentially be used in the calculation of the percentage of total revenues that are directly related to the products and services previously identified as those that can enable CO2 avoidance. Companies are classified according to the percentage of green revenue (defined as the revenues associated with activities that generate CO2 avoidance) vis-a-vis the total net revenue reported, provided by the Data Provider. Current Index Components on the Selection Day need to have minimum green revenue of 40%, while companies that are currently not included in the Index need to have</p>
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minimum green revenue of 50%. If there are multiple eligible companies within a product or service subsegment that provide substantially identical exposure to the same enabling solution (taking into account considerations including geographical exposure, customer base, product lines, technology and regulatory environment) then only the largest company, according to green revenues, within the subsegment will be selected.

- > Exclusion of companies with assets in oil exploration and processing activities. This encompasses companies that lease land with oil & gas reserves to be explored by third party E&P players. Companies generating revenues from the distribution of petrol-based products are also excluded.
- > Exclusion of companies generating revenue from the exploration or processing of coal. Companies that use coal to produce energy or heat for their own consumption or production purposes are also excluded (i.e. the coal exclusion extends beyond the use of coal to generate energy for sale to third parties).
- > Exclusion of companies generating revenues from the generation or distribution of natural gas. Direct-to-retail marketing/sale of electricity is not an excluded activity.
- > Exclusion of companies generating more than 20% of their revenues from sales to clients that enable fossil fuel E&P, processing activities, or use. A concession is granted to solutions that are designed to reduce carbon intensity, e.g. smart meters and fuel cells as well as monitoring and control devices, as well as equipment that runs on gas. Therefore, the filter is not generally applied for companies classified in the following subsegments: 1.\tPollution Control, 2.\tAlternative Fuels & Fuel Cells, 3.\tEnergy Efficiency, 4.\tEnergy Storage, 5.\tMeasurement Instruments For the electric vehicle subsegment, companies are excluded that generate more than 40% of their revenue from the sale of automotives with internal combustion engines that run on fossil fuel.

List of social factors considered

- > Exclusion of companies that directly manufacture and sell any type of armament are excluded. Companies generating revenues from the sale of components are excluded if they derive 5% or more of their revenue from components that are used for conventional weapons or more than 0% of their revenue from components used in controversial weapons (nuclear weapons or systems, chemical or biological weapons, landmines, cluster bombs, or depleted uranium weapons).
 - > Exclusion of companies deriving revenues from generation of nuclear power.
 - > Exclusion of companies generating revenues from the production of alcohol.
 - > Exclusion of companies generating revenues from the production of adult entertainment.
 - > Exclusion of companies generating revenues from the production of gambling.
 - > Exclusion of companies generating revenues from the production of tobacco.
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List of governance factors considered

> Not applicable.

Data and Standards used

Data Input	The data used to construct the index is sourced externally from iClima Earth Ltd.
Verification and quality of data	The provider of ESG-related data input is selected by the Administrator based on an assessment of its existing processes in order to ensure the reliability and representativeness of the ESG-related data. The data provider has established processes in accordance with accepted and established market standards that ensure the permanent quality and reliability of the ESG-data provided.
Reference standards	International standards referenced by the index methodology are listed in the respective section above.
Information updated on	11/03/2021
Reason for update:	Initial creation of the ESG report.

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