



Kaiko

Indices

Vinter Trakx Crypto Indices

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Methodology

About Kaiko Indices

Kaiko Indices offers institutional-grade benchmarks and indices, setting the standard for reliability and transparency in the digital asset market. As a regulated Benchmark Administrator under the EU BMR framework and compliant with IOSCO principles, we empower exchanges, asset managers, and financial institutions with trusted data solutions that support robust settlement and risk management practices.

Introduction

The Vinter Trakx Crypto Indexes are a family of benchmarks. The indexes are developed to provide a rule-based and transparent way to track the value of a portfolio. Each index measures the value of an investment strategy. This methodology clearly determines what constitutes an active market for the purposes of each index, and establishes the priority given to different types of input data. The methodology considers factors like the size and liquidity of the market, the transparency of trading, the positions of market participants, market concentration, and the adequacy of any sample to represent the market or economic reality that the benchmark is intended to measure.

Trakx is a global fintech company creating new standards for digital asset investments. Through its trading platform, the firm offers thematic Crypto Tradable Indices (CTIs) and customized solutions, providing sophisticated investors with a high degree of compliance, custody and liquidity. Trakx is registered with the French regulator (AMF).

Read more at trakx.io.

Invierno AB ("Vinter") is a pioneering index provider specialized in crypto assets, playing a key role in the emerging crypto ETF industry. The firm collects digital asset data from hundreds of sources, transforming proprietary strategies into investable products.

Learn more at vinter.co.

Indices

VTRXBC

The Vinter Trakx Top Blockchains Index ("VTRXBC") is tracking the foundational assets in the crypto ecosystem by investing in the 10 largest smart contract platforms. Constituents are weighted by the market capitalization with a maximum weight of 30% to promote diversification. The index is rebalanced monthly.

Construction

Universe:

All eligible assets with the label SmartContractPlatform as defined by the [Vinter Taxonomy](#).

Selection:

Top 10 by current market capitalization.

Weighting:

Proportional to the current market capitalization, with a maximum weight of 30%. If a constituent exceeds the maximum weight, its weight will be reduced to the maximum weight and the excess weight will be redistributed equally to all other index components.

Rebalancing:

Monthly on the last business day of the month.

Rationale:

Invest in the top 10 largest smart contract platforms building the foundation of a global cryptocurrency ecosystem. Altogether they capture over 85% of the total market capitalisation of all crypto-assets.

Dissemination

Currency:

USD

Calculation:

Daily at 4:00 pm London time

Type:

Price return

Publication:

Daily after 4:10 pm London time

Base Date:

2022-01-01

Base Value:

100.00

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VTRXBC

Identifiers

Long Name:

Vinter Trakx Top Blockchains Index

Short Name:

VTRXBC

ISIN:

SE0018168726

FIGI:

BBG017TD6MS8

Bloomberg:

VTRXBC

Refinitiv:

.VTRXBC

Vinter API:

vntx-vtrxbc-10-d

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VTRXBC

General Construction Parameters

This section defines the general construction parameters used in designing the index such as the asset universe, the asset selection and the rebalancing weights. This section contains the details needed to calculate each index.

Universe

The asset universe is a list of all possible index constituents. The default asset universe consists of all eligible constituents. It is possible to restrict the universe to assets that only contain a certain label e.g. Metaverse or Web3 as defined in the [Vinter Taxonomy](#).

Selection

The index constituents are selected from the asset universe. One example is to select the ten largest assets based on the current market capitalization. In general, the selection process can be based on a number of factors such as market capitalization, trading volume, returns, volatility, or a combination thereof. Assets are selected on the review date, which is two business days prior to the rebalancing date. Note that Review Date is not the same as the Yearly Review. If it is not possible to reach the intended number of constituents, the Index Committee can decide to either include non-eligible constituents or allow the index to have fewer constituents than intended. The decision shall be made publicly available.

Weighting

Rebalance weights are calculated on the review date. The current weights per asset display the current asset allocation, and is relevant for an ETF creation/redemption. The current weights change every day, based on price movements, whereas the rebalance weights are unchanged between rebalances. The rebalance weights are updated only when the index is rebalanced. The weight for each asset is always between 0 and 1. The sum of all constituent weights is equal to 100%.

Rebalancing

All indexes are rebalanced periodically, following the [rebalancing calendar](#). Rebalancing involves the selection of constituents and the calculation of their rebalancing weights. Calculations are done using the closing prices on the rebalancing date. The new weights per asset are used on the opening of the day after rebalancing. After the rebalance, the portfolio is updated so that its current weights per asset equal the rebalancing weights per asset. The bigger the difference between the current weight and the rebalancing weight, the larger the portfolio turnover.

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Eligible Assets

Assets are eligible as index constituents if they meet the [eligibility criteria](#) listed in Vinter's benchmark statement.

This index methodology expands the asset universe by replacing the eligibility criteria #7, #9, #12 and #13 mentioned above with:

- have a market capitalization above \$400M and a 30-day average daily trading volume above \$5M. Alternatively, a market capitalization above \$200M and a 30-day average daily trading volume above \$10M.
- trade on at least one eligible exchange.
- trade against USD, USDT or USDC.

Calculation

The index value is given by the weighted sum over all constituents of quantity times price divided by a divisor.

The price per asset is calculated by Vinter, as detailed in the constituent pricing section.

The quantity per asset is set to the Rebalancing Weight per asset after rebalancing. In a price return index, the quantity per asset is unchanged between rebalances.

The divisor enforces index continuity on rebalancing. The divisor is defined so that the index starts at a certain start value, which ensures each index tracks the value of a certain amount of capital invested on the start date.

Constituent Pricing

The Vinter reference rates are used to price assets and can vary from one index to another. The algorithms are described in [Vinter's single asset reference rates](#). The [Benchmark Statement](#) defines the eligibility criteria for input data.

Market Capitalization

The market capitalization is given by price times circulating supply. Using circulating supply is similar to using public float for an equity index. The market capitalization is calculated at midnight UTC.

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Index Provider

Invierno AB, Reg. No. 559207-4172, Box 5193, 10244 Stockholm, Sweden (“Vinter”)

Benchmark Administrator

Vinter is the benchmark administrator and the central recipient of input data with the ability to evaluate the integrity and accuracy of input data on a consistent basis. Vinter is responsible for the development of the index and controls all aspects of the provision of the benchmark. Vinter has established a permanent and effective oversight function, governance processes subject to periodic reviews and audits, policies regarding complaints, ethics, conflicts of interest, and contingency, and has established a clear internal organizational structure with consistent roles and responsibilities to identify, prevent, disclose, mitigate, and manage conflicts of interest.

Calculation Agent

Vinter is the calculation agent and is responsible for determining the value of the index described in the index methodology. Vinter calculates the index values in accordance with the index methodology. Upon the request of the benchmark administrator, the calculation agent shall provide all information available on the composition and details of the calculation of the requested index.

Document Versions

Version

Date of update

Change

1.0.

2022-07-02

Published Initial version.

2.0.

2023-03-13

Added TRXESG.

2.1.

2023-09-06

Added Vinter Taxonomy to VTRXBC

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