

## BLOK-50 Facts

### Ticker

Total Return: BLOK-50

### Index Launch

January 17, 2018

### Base Value

100 on December 31, 2015

### Rebalancing Dates

Quarterly  
(Mar/Jun/Sept/Dec)

### Index Rules

Available at [vettafi.com](http://vettafi.com)

## Portfolio Characteristics

Number of Companies: 50  
U.S. Companies: 30  
Non-U.S. Companies: 20

Company Size by Market Capitalization (millions):

Average: \$150,307  
Median: \$4,598  
Largest: \$3,385,743  
Smallest: \$180

Annualized Return\*: -7.32%  
Annualized Volatility\*: 41.94%  
Information Ratio\*: -0.17  
Trailing P/E: 69.32  
Forward P/E: 21.81  
Price/Book: 3.50  
EV/Sales: 4.13  
Dividend Yield: 0.44%

\*Annualized performance and volatility are since inception, including back-test results prior to January 17, 2018

A benchmark to track the 50 leading global public companies deriving revenue and/or investing in the blockchain ecosystem or blockchain-enabled applications.

## The Case for Blockchain

- Growing Global Opportunity** - According to Markets and Markets, the Global Blockchain market is poised to generate over \$94 billion by the end of 2027, projecting a CAGR of 66.2%.<sup>1</sup>
- Blockchain Disruption** - Although still in its nascent stage, blockchain is a foundational technology with the potential to disrupt many different industries.
- Broad-Based Potential** - The broad-based potential of blockchain technology has driven significant investment into blockchain and its applications, fueling innovation and fostering a growing market opportunity.
- Cost-Savings** - JP Morgan expects to save \$20 million by the end of 2024 by utilizing smart contracts and tokenization.<sup>2</sup>

<sup>1</sup>Markets and Markets, March 2023; <sup>2</sup>Blockworks, September 12, 2023

## Performance of \$1,000 invested

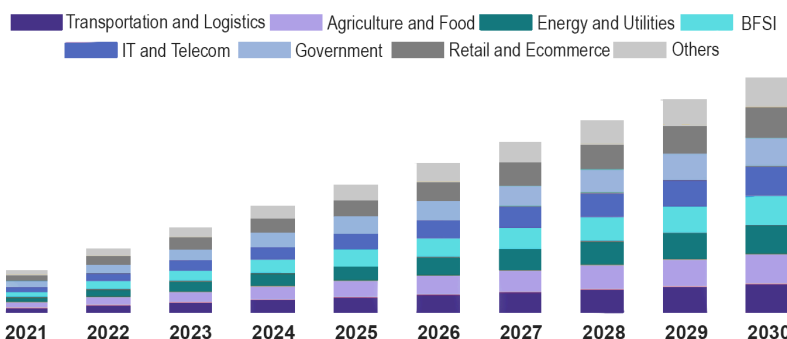


## Performance Data

	3 Month	6 Month	YTD	1 Year	Annualized 3 Year
Total Return	45.5%	64.7%	57.8%	108.1%	-5.1%

## Blockchain Technology Forecasts to 2030

### Global blockchain technology market 2021 - 2030 (by application)



The blockchain technology market size was estimated to be around USD 4.8 billion in 2021 and is expected to reach USD 69 billion by 2030, with a CAGR of roughly 68% between 2022 and 2030.

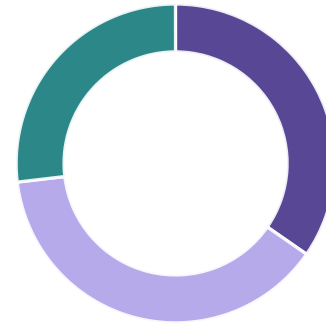
Source: Custom Market Insights

As of 11/13/2023

## Top 10 Constituents

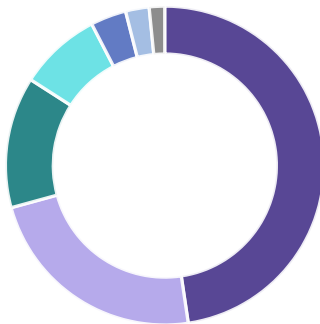
Company Name	Index Weight
MICROSTRATEGY INCORPORATED	4.35%
HUT 8 CORP.	4.22%
CANAAN INC	3.71%
BAKKT HOLDINGS INC	3.69%
BITDEER TECHNOLOGIES GROUP	3.61%
CIPHER MINING INC	3.44%
COINBASE GLOBAL INC	3.00%
IRIS ENERGY LTD.	2.86%
CORE SCIENTIFIC INC	2.86%
TERAWULF INC	2.84%
<b>TOTAL</b>	<b>34.57%</b>

## Market Capitalization



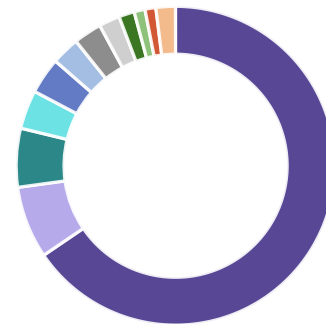
Large-Cap	34.7%
Mid-Cap	38.5%
Small-Cap	26.9%

## Market Segments



Crypto Mining & Equipment	47.7%
Digital Asset Trading/Management	23.1%
Transaction Processing	13.3%
Venture Capital/Investment	8.3%
BaaS Platform	3.6%
Metaverse	2.4%
Consulting	1.6%

## Country Weightings



United States	65.5%	Singapore	7.3%
Japan	6.0%	Canada	3.9%
Germany	3.7%	Australia	2.9%
South Korea	2.8%	Hong Kong	2.1%
Taiwan	1.6%	Switzerland	1.1%
China	1.1%	Others	2.0%

## About VettaFi

VettaFi, a data, analytics, and thought leadership company, is transforming financial services from an industry to a community one relationship at a time. In addition to providing interactive online tools and research, VettaFi offers asset managers an array of indexing and digital distribution solutions to innovate and scale their businesses. With billions in assets benchmarked to its indices and more than 200 customers globally asset managers look to VettaFi for benchmarks and best-in-class index solutions. VettaFi owns and administers the EQM Index Series.

It is not possible to invest directly in an index. Index performance does not reflect the deduction of any fees or expenses. VettaFi does not sponsor, endorse, sell, or promote any investment product linked to or based on the EQM-Emerita Blockchain BLOK 50 Global Index. Performance is provided on a total-return basis. Historical performance illustrations in the indices may be based on a back-test calculation. Past performance of an index is not a guarantee of future results. The EQM-Emerita Blockchain BLOK 50 Global Index is the exclusive property of VettaFi, which shall have no liability for any errors or omissions in calculating the Index.