

BLOK-50 Facts

Ticker

Total Return: BLOK-50

Index Launch

December 29, 2017

Base Value

100 on December 31, 2015

Index Calculation

Every fifteen (15) seconds

Rebalancing Dates

Quarterly
(Mar/Jun/Sept/Dec)

Index Rules

Available at vettafi.com

Portfolio Characteristics

Number of Companies: 50
U.S. Companies: 27
Non-U.S. Companies: 23

Company Size by Market Capitalization (millions):

Average: \$103,674
Median: \$5,817
Largest: \$1,519,717
Smallest: \$96

Annualized Return: -27.60%
Annualized Volatility: 41.16%
Information Ratio: -0.67
Trailing P/E: 92.92
Forward P/E: 21.22
Price/Book: 2.26
EV/Sales: 3.40
Dividend Yield: 0.68%

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%.¹
- 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.²

¹Markets and Markets, March 2023; ²Blockworks, September 12, 2023

Performance of \$1,000 invested

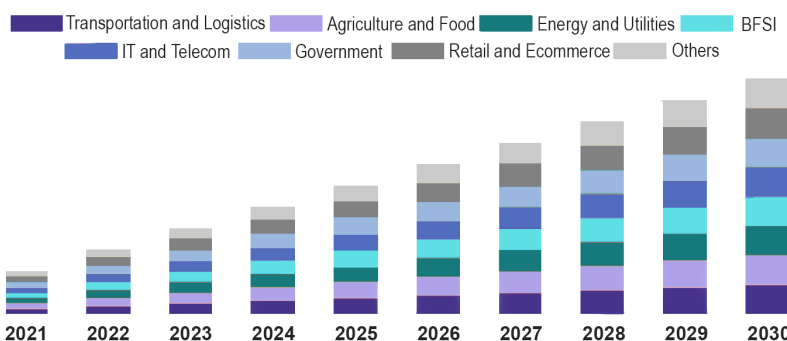


Performance Data

	3 Month	6 Month	YTD	1 Year
Total Return	26.3%	-1.8%	-15.7%	22.3%

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.

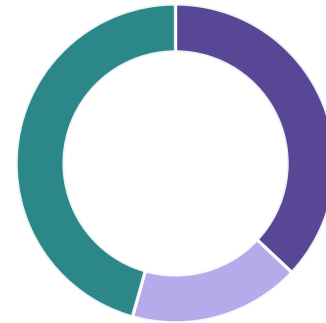
Source: Custom Market Insights

As of 11/13/2023

Top 10 Constituents

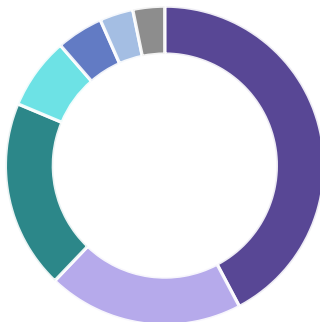
Company Name	Index Weight
BITDEER TECHNOLOGIES GROUP	3.74%
CIPHER MINING INC	3.54%
NORTHERN DATA AG	3.19%
GALAXY DIGITAL HLDGS LTD	3.06%
MARATHON DIGITAL HOLDINGS INC	2.99%
TERAWULF INC	2.82%
HIVE DIGITAL TECHNOLOGIES LTD	2.70%
NVIDIA CORP.	2.51%
COINBASE GLOBAL INC	2.51%
CANAAN INC	2.48%
TOTAL	29.55%

Market Capitalization



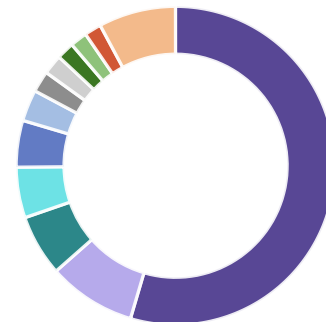
Large-Cap	37.0%
Mid-Cap	17.4%
Small-Cap	45.6%

Market Segments



Crypto Mining & Equipment	42.3%
Digital Asset Trading/Management	19.9%
Transaction Processing	19.2%
Venture Capital/Investment	7.3%
BaaS Platform	4.7%
Consulting	3.4%
Metaverse	3.2%

Country Weightings



United States	54.6%	Japan	8.9%
Singapore	6.2%	Canada	5.1%
South Korea	4.7%	Germany	3.2%
Taiwan	2.2%	Australia	2.0%
Norway	1.8%	Switzerland	1.7%
Sweden	1.7%	Others	7.8%

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.

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