

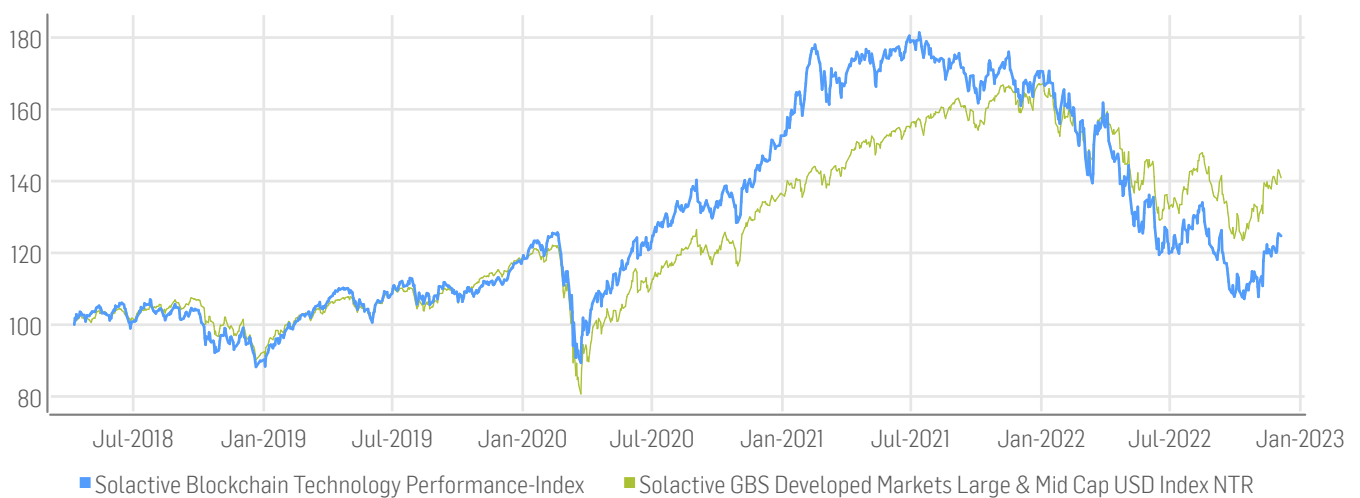
FACTSHEET - AS OF 05-Dec-2022

Solactive Blockchain Technology Performance-Index

DESCRIPTION

The Solactive Blockchain Technology Performance-Index is an Index of Solactive AG and is calculated and distributed by Solactive AG. The index intends to track the price movements of companies that show considerable economic exposure to the Blockchain segment. It is calculated as a Net Total Return Index in USD.

HISTORICAL PERFORMANCE



CHARACTERISTICS

ISIN / WKN	DE000SLA5D70 / SLA5D7	Base Value / Base Date	100 Points / 09.04.2018
Bloomberg / Reuters	/ .SOLBLOCK	Last Price	124.71
Index Calculator	Solactive AG	Dividends	Reinvested (Total Return Index)
Index Type	Net Total Return	Calculation	09:00am to 10:30pm (CET), every 15 seconds
Index Currency	USD	History	Available daily back to 09.04.2018
Index Members	20		

STATISTICS

USD	30D	90D	180D	360D	YTD	Since Inception
Performance	11.76%	5.58%	-7.98%	-25.83%	-26.91%	24.71%
Performance (p.a.)						4.86%
Volatility (p.a.)	29.34%	29.90%	28.87%	28.92%	29.47%	22.07%
High	125.35	126.30	135.53	170.69	170.69	181.40
Low	110.80	107.19	107.19	107.19	107.19	88.22
Sharpe Ratio*	9.65	0.70	-0.67	-1.04	-1.10	0.05
Max. Drawdown	-2.65%	-15.13%	-20.91%	-37.20%	-37.20%	-40.91%
VaR 95 \ 99				-46.8% \ -69.0%		-35.1% \ -58.1%
CVaR 95 \ 99				-59.7% \ -78.1%		-51.5% \ -87.6%

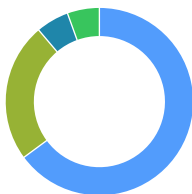
* Up to 31 December 2021, ex-post Sharpe ratios use as input for the risk free rate term the London Inter-Bank Offered rates in the respective currencies of the index and at a term equal to the observation period. From 3 January 2022 onwards, Sharpe ratios will be / are calculated using as reference risk free rate input the overnight replacement rate for these currencies, namely SONIA (for GBP), SOFR (for USD) and EURIBOR Overnight (for EUR).

STATISTICS - GBS - Solactive GBS Developed Markets Large & Mid Cap USD Index NTR

USD	30D	90D	180D	360D	YTD	Since Inception
Performance	7.74%	4.71%	-2.43%	-14.24%	-15.41%	40.90%
Performance (p.a.)						7.64%
Volatility (p.a.)	23.15%	23.08%	21.57%	20.51%	20.87%	18.27%
High	1584.15	1584.15	1636.02	1851.81	1851.81	1851.81
Low	1448.75	1365.73	1365.73	1365.73	1365.73	892.86
Sharpe Ratio*	6.22	0.72	-0.40	-0.89	-0.97	0.21
Max. Drawdown	-1.74%	-12.78%	-16.52%	-26.25%	-26.25%	-33.92%
VaR 95 \ 99				-36.2% \ -52.7%		-26.5% \ -49.9%
CVaR 95 \ 99				-46.0% \ -58.8%		-45.6% \ -83.8%

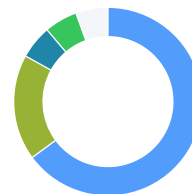
COMPOSITION BY CURRENCIES

- USD 64.9%
- EUR 23.9%
- CHF 5.7%
- HKD 5.5%



COMPOSITION BY COUNTRIES

- US 64.9%
- DE 18.2%
- FR 5.8%
- CH 5.7%
- Others 5.5%



TOP COMPONENTS AS OF 05-Dec-2022

Company	Ticker	Country	Currency	Index Weight (%)
SIEMENS AG	SIE GY Equity	DE	EUR	6.83%
BAYERISCHE MOTOREN WERKE AG	BMW GY Equity	DE	EUR	6.08%
SANOFI SA	SAN FP Equity	FR	EUR	5.76%
WALMART INC	WMT UN Equity	US	USD	5.75%
NOVARTIS AG	NOVN SE Equity	CH	CHF	5.67%
CISCO SYSTEMS INC	CSCO UW Equity	US	USD	5.63%
TENCENT HOLDINGS LTD	700 HK Equity	KY	HKD	5.53%
PFIZER INC	PFE UN Equity	US	USD	5.48%
MASTERCARD INC-CLASS A	MA UN Equity	US	USD	5.30%
VISA INC-CLASS A SHARES	V UN Equity	US	USD	5.27%
VOLKSWAGEN AG PREF	VOW3 GY Equity	DE	EUR	5.25%
NVIDIA CORP	NVDA UW Equity	US	USD	4.79%
MICROSOFT CORP	MSFT UW Equity	US	USD	4.55%
APPLE INC	AAPL UW Equity	US	USD	4.45%
ALPHABET INC-CL A	GOOGL UW Equity	US	USD	4.40%
INTEL CORP	INTC UW Equity	US	USD	4.35%
OVERSTOCK.COM INC	OSTK UQ Equity	US	USD	4.22%
BLOCK INC	SQ UN Equity	US	USD	4.16%
META PLATFORMS INC	META UW Equity	US	USD	3.70%
COINBASE GLOBAL INC -CLASS A	COIN UW Equity	US	USD	2.85%

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