

# STOXX® GLOBAL METAVERSE INDEX

## Index description

Metaverse is an emerging concept that simulates the real world or imagines a world beyond it, integrating digital and physical interactions for an immersive experience. The STOXX Global Metaverse Index selects companies exposed to a defined set of technologies related to the ongoing adoption of the metaverse, ranging from those developing interactive virtual platforms, wearables and immersive technologies, to companies providing computer processing capabilities and infrastructure. STOXX uses EconSight's patent data, including patent Quality and Specialization scores, to identify companies that are market leaders and innovators in the identified technologies.

The index takes ESG considerations into account: companies that are non-compliant with the Global Standards Screening (GSS) or are involved in Controversial Weapons activities, or display a Severe (Category 5) Controversy Rating, as identified by Sustainalytics, are excluded. Additional exclusion filters are incorporated, screening companies for involvement in Weapons (Small Arms and Military Contracting), Unconventional Oil & Gas (Arctic Oil and Gas Exploration, Oil Sands and Shale Energy), Conventional Oil & Gas, Thermal Coal, Nuclear Power and Tobacco.

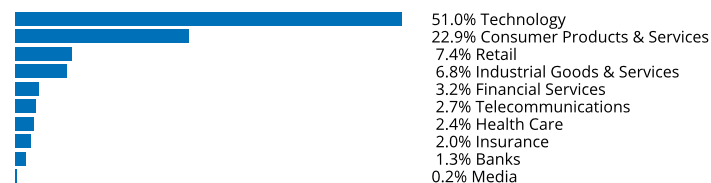
## Key facts

- » Index allows targeted investment in the emerging Metaverse trend
- » EconSight's patent taxonomy, quality and specialization scores are used to identify key and innovative players
- » Inclusion of size and liquidity filters to ensure replicability of the index
- » Leveraging sustainability data from a leading provider (Sustainalytics) to avoid exposure to companies engaged in controversial activities

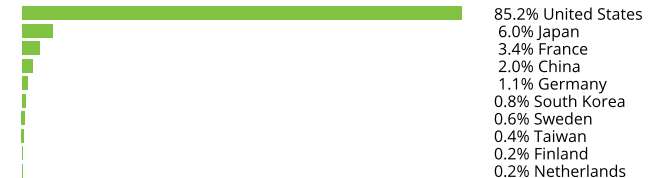
## Descriptive statistics

Index	Market cap (USD bn.)		Components (USD bn.)				Component weight (%)		Turnover (%)
	Full	Free-float	Mean	Median	Largest	Smallest	Largest	Smallest	Last 12 months
STOXX Global Metaverse Index	N/A	12.0	0.2	0.1	1.0	0.0	8.7	0.0	19.6
STOXX Global Total Market Index	79,976.4	67,480.3	6.0	0.7	2,666.6	0.0	4.0	0.0	2.5

## Supersector weighting (top 10)



## Country weighting



## Risk and return figures<sup>1</sup>

Index returns	Return (%)					Annualized return (%)				
	Last month	YTD	1Y	3Y	5Y	Last month	YTD	1Y	3Y	5Y
STOXX Global Metaverse Index	5.4	46.1	26.5	28.0	89.4	N/A	N/A	26.8	8.7	13.8
STOXX Global Total Market Index	2.6	14.4	4.9	48.2	59.3	N/A	N/A	5.0	14.2	9.9
Index volatility and risk	Annualized volatility (%)					Annualized Sharpe ratio <sup>2</sup>				
STOXX Global Metaverse Index	17.3	19.8	24.5	23.7	24.4	N/A	N/A	0.9	0.3	0.5
STOXX Global Total Market Index	7.8	10.8	13.5	13.8	17.0	N/A	N/A	0.3	0.9	0.6
Index to benchmark	Correlation					Tracking error (%)				
STOXX Global Metaverse Index	0.5	0.7	0.8	0.8	0.8	14.7	14.4	16.5	15.5	14.8
Index to benchmark	Beta					Annualized information ratio				
STOXX Global Metaverse Index	1.2	1.3	1.4	1.3	1.2	2.2	3.0	1.2	-0.3	0.3

<sup>1</sup> For information on data calculation, please refer to STOXX calculation reference guide.

<sup>2</sup> Based on EURIBOR1M

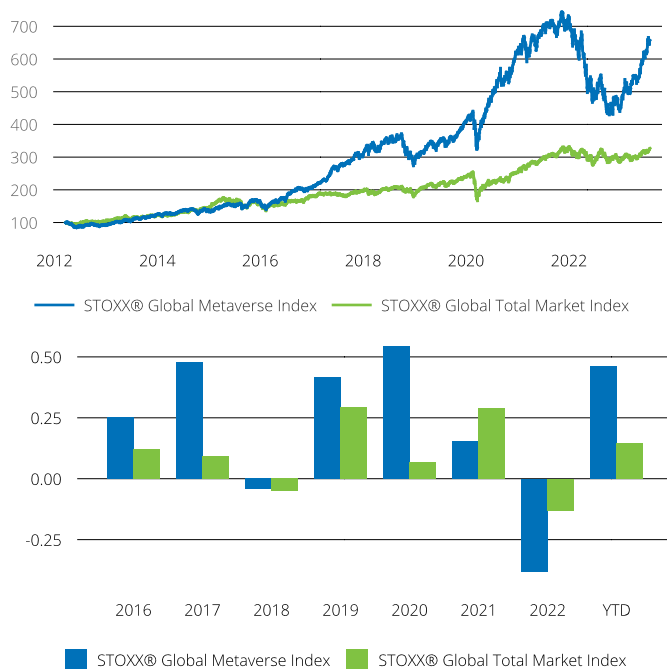
(USD, gross return), all data as of Jul. 31, 2023

## STOXX INDICES

## STOXX® GLOBAL METAVERSE INDEX

## Fundamentals (for last 12 months)

Index	Price/earnings incl. negative		Price/earnings excl. negative		Price/ book	Dividend yield (%) <sup>3</sup>	Price/ sales	Price/ cash flow
	Trailing	Projected	Trailing	Projected	Trailing	Trailing	Trailing	Trailing
STOXX Global Metaverse Index	67.7	29.9	32.2	25.8	5.0	1.1	3.2	34.1
STOXX Global Total Market Index	0.8	15.8	0.7	15.0	0.2	2.3	1.4	0.2

Performance and annual returns<sup>4</sup>

## Methodology

A set of country, size and liquidity screens are applied on the STOXX® Global Total Market Index to capture liquid companies from developed and emerging countries. Additionally, companies that are not compliant with the Sustainalytics Global Standards Screening (GSS) assessment or are involved in Controversial Weapons and other controversial activities are excluded from selection.

EconSight's patent classification system is used to identify companies exposed to a defined set of technologies related to the ongoing adoption of the metaverse: 3D image modelling, Avatar, Blockchain, Digital Twin, Graphic Processing Unit, Non-Fungible Tokens and Virtual, Augmented and Extended Reality. The index is reviewed annually in March and weighted according to adjusted equal weights and adjusted by the metaverse patent specialization score. UCITS (4.5/8/35) is applied to ensure diversification. Furthermore, companies are assessed for any GSS, Controversies or UCITS violations on a quarterly basis.

The detailed methodology including the calculation formula can be found in

## Versions and symbols

Index	ISIN	Symbol	Bloomberg	Reuters
Gross Return EUR	CH1169656324	STXMETAG		.STXMETAG
Net Return EUR	CH1169656316	STXMETAR		.STXMETAR
Price EUR	CH1169656308	STXMETAP		.STXMETAP
Gross Return USD	CH1169656357	STXMETAZ	STXMETAZ INDEX	.STXMETAZ
Net Return USD	CH1169656340	STXMETAV	STXMETAV INDEX	.STXMETAV
Price USD	CH1169656332	STXMETAL	STXMETAL INDEX	.STXMETAL

Complete list available here: [www.stoxx.com/data/vendor\\_codes.html](http://www.stoxx.com/data/vendor_codes.html)

## Quick facts

Weighting	Adjusted equal weights adjusted by patent specialization scores
Cap factor	N/A
No. of components	Variable
Review frequency	Annually
Calculation/distribution	Realtime 15 sec
Calculation hours	00:00:00 22:15:00
Base value/base date	1000 as of March, 19, 2012
History	Available from March, 19, 2012
Inception date	August, 12, 2022

To learn more about the inception date, the currency, the calculation hours and historical values, please see our data vendor code sheet.

## CONTACT DETAILS

STOXX customer support | P +41 43 430 7272 | [customersupport@stoxx.com](mailto:customersupport@stoxx.com) | <https://qontigo.com/support/>

## DISCLAIMER

STOXX, Deutsche Boerse Group (DBAG) and their licensors, research partners or data providers do not make any warranties or representations, express or implied, with respect to the timeliness, sequence, accuracy, completeness, currentness, merchantability, quality or fitness for any particular purpose of its index data and exclude any liability in connection therewith. STOXX, DBAG and their licensors, research partners or data providers are not providing investment advice through the publication of indices or in connection therewith. In particular, the inclusion of a company in an index, its weighting, or the exclusion of a company from an index, does not in any way reflect an opinion of STOXX, DBAG or their licensors, research partners or data providers on the merits of that company. Financial instruments based on the STOXX® indices, DAX® indices or on any other indices supported by STOXX are in no way sponsored, endorsed, sold or promoted by STOXX, DBAG or their licensors, research partners or data providers.

## BACKTESTED PERFORMANCE

This document contains index performance data based on backtesting, i.e. calculations of how the index might have performed prior to launch if it had existed using the same index methodology and based on historical constituents. Backtested performance information is purely hypothetical and is provided in this document solely for information purposes. Backtested performance does not represent actual performance and should not be interpreted as an indication of actual performance.

## CUSTOMIZATION

The index can be used as a basis for the definition of STOXX® Customized Indices, which can be tailored to specific client or mandate needs. STOXX offers customization in almost unlimited forms for example in terms of component selection, weighting schemes and personalized calculation methodologies.

<sup>3</sup> gr. div. yield is calculated as gr. return index return minus price index return

<sup>4</sup> STOXX data from Mar. 19, 2012 to Jul. 31, 2023

(USD, gross return), all data as of Jul. 31, 2023

## STOXX® GLOBAL METAVERSE INDEX

Top 10 Components<sup>5</sup>

<b>Company</b>	<b>Supersector</b>	<b>Country</b>	<b>Weight (%)</b>
NVIDIA Corp.	Technology	United States	8.74
META PLATFORMS CLASS A	Technology	United States	7.55
Activision Blizzard Inc.	Consumer Products & Services	United States	6.21
Lowe's Cos.	Retail	United States	6.02
Autodesk Inc.	Technology	United States	4.72
Electronic Arts Inc.	Consumer Products & Services	United States	4.21
ADOBE	Technology	United States	4.02
TAKE TWO INTACT.SFTW.	Consumer Products & Services	United States	3.91
ROBLOX A	Consumer Products & Services	United States	3.47
Intel Corp.	Technology	United States	3.47

<sup>5</sup> Based on the composition as of Jul. 31, 2023

---