

# ISTOXX® WORLD MIN VOL INDEX

## Index description

The iSTOXX World Min Vol ESG index (iSTOXX World MV ESG) is designed to track the performance of an optimized minimum variance portfolio that will incorporate tilts towards companies that exhibit low volatility, favorable fundamentals (specifically profitability and leverage), and superior ESG scores.

The index is constructed in two steps, first by creating a minimum variance portfolio based on the STOXX World index, and second by improving the Climate and ESG profiles of this portfolio, using data from ISS ESG and LGIM, respectively. The index rules ensure tradability, diversification, positive exposure to fundamental quality (i.e., positive exposure to profitability and low leverage), and untargeted factor and industry/country/region exposures are risk managed and imposed on the index components such that the index achieves an overall ESG score that exceeds that of the EURO STOXX 50 Index excluding its worst 22% ESG scorers.

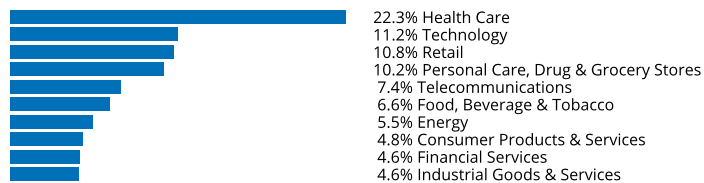
## Key facts

- » Innovative sustainability-focused multifactor index
- » Explicitly designed to minimize portfolio volatility while incorporating quality, ESG and climate considerations
- » Embedded diversification elements across non-target factors, industry and country exposures

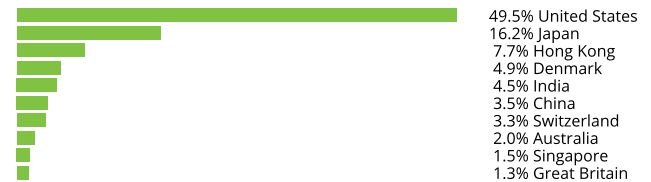
## Descriptive statistics

Index	Market cap (USD bn.)		Components (USD bn.)				Component weight (%)		Turnover (%)
	Full	Free-float	Mean	Median	Largest	Smallest	Largest	Smallest	Last 12 months
iSTOXX World Min Vol Index	N/A	108.7	0.4	0.2	5.3	0.0	4.9	0.0	33.0
STOXX World AC Index	73,178.8	61,105.8	16.8	3.4	2,470.1	0.0	4.0	0.0	5.7

## 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
iSTOXX World Min Vol Index	3.4	2.6	-4.5	31.2	N/A	N/A	N/A	-4.5	9.5	N/A
STOXX World AC Index	2.8	6.7	-9.2	45.3	27.3	N/A	N/A	-9.1	13.2	4.9
Index volatility and risk	Annualized volatility (%)					Annualized Sharpe ratio <sup>2</sup>				
iSTOXX World Min Vol Index	6.8	7.2	12.1	11.3	N/A	N/A	N/A	-0.5	0.8	N/A
STOXX World AC Index	13.5	12.8	18.4	16.4	17.3	N/A	N/A	-0.6	0.8	0.3
Index to benchmark	Correlation					Tracking error (%)				
iSTOXX World Min Vol Index	0.7	0.7	0.9	0.9	N/A	10.3	8.8	9.5	8.4	N/A
Index to benchmark	Beta					Annualized information ratio				
iSTOXX World Min Vol Index	0.3	0.4	0.6	0.6	N/A	0.5	-1.9	0.4	-0.5	N/A

<sup>1</sup> For information on data calculation, please refer to [STOXX calculation reference guide](#).

<sup>2</sup> Based on EURIBOR1M

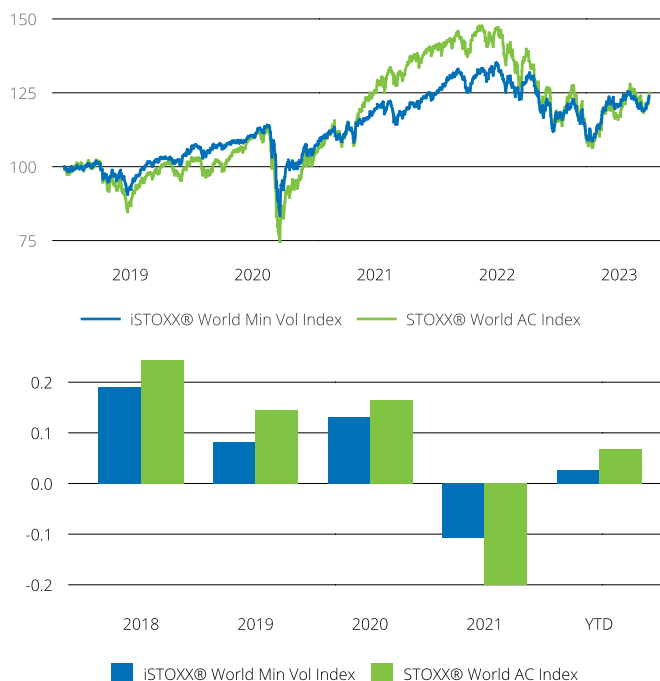
(USD, price), all data as of Mar. 31, 2023

## ISTOXX INDICES

## ISTOXX® WORLD MIN VOL 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
iSTOXX World Min Vol Index	17.8	16.5	16.7	16.4	2.9	1.9	1.4	20.8
STOXX World AC Index	20.6	16.9	16.9	16.3	0.1	1.6	1.6	3.5

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

## Methodology

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## Versions and symbols

Index	ISIN	Symbol	Bloomberg	Reuters
Gross Return GBP	CH1169655524	ISWMMGV	ISWMMGV INDEX	.ISWMMGV
Net Return GBP	CH1169655516	ISWMMV		.ISWMMV
Price GBP	CH1169655508	ISWMMV		.ISWMMV
Gross Return USD	CH1169655557	ISWMMVU		.ISWMMVU
Net Return USD	CH1169655540	ISWMMVU		.ISWMMVU
Price USD	CH1169655532	ISWMMVP		.ISWMMVP

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

## Quick facts

Weighting	Price weighted with a weighting factor and capping factor
No. of components	Variable
Review frequency	Quarterly
Calculation/distribution	Realtime 15 sec
Calculation hours	00:00:00 22:15:00
Base value/base date	100 as of June. 18, 2018
History	Available from June. 18, 2018
Inception date	July. 25, 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

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## 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> Net dividend yield is calculated as net return index return minus price index return

<sup>4</sup> STOXX data from Jun. 18, 2018 to Mar. 31, 2023

(USD, price), all data as of Mar. 31, 2023

## ISTOXX® WORLD MIN VOL INDEX

Top 10 Components<sup>5</sup>

<b>Company</b>	<b>Supersector</b>	<b>Country</b>	<b>Weight (%)</b>
NOVO NORDISK B	Health Care	Denmark	4.91
Costco Wholesale Corp.	Retail	United States	4.47
Procter & Gamble Co.	Personal Care, Drug & Grocery Stores	United States	4.37
WALMART INC.	Retail	United States	4.37
Johnson & Johnson	Health Care	United States	3.87
Exxon Mobil Corp.	Energy	United States	3.21
REGENERON PHARMS.	Health Care	United States	2.84
AT&T Inc.	Telecommunications	United States	2.79
Vertex Pharmaceuticals Inc.	Health Care	United States	2.63
Hong Kong Exchanges & Clearing	Financial Services	Hong Kong	1.74

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

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