FACTOR AND STRATEGY

STOXX® GLOBAL 1800 ESG-X AX VALUE INDEX

Index description

STOXX uses Axioma's risk model and optimizer to construct the factor indices. The STOXX ESG-X single and multi-factor indices are based on the respective STOXX ESG-X country or regional benchmark indices.
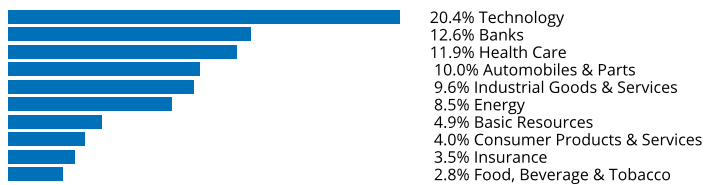
Key facts

»Invest responsibly in targeted factor exposures with managed liquidity and risk profiles across various regions

»Universe is based on the STOXX ESG-X benchmark family with standardized ESG exclusion screens

»Use of Axioma's factor risk models and portfolio construction expertise to define the factors based on extensive validation from research and having a clear economic rationale

»Factor family consists of 5 single factor indices (Value, Momentum, Quality, Low Risk, and Size) and one multi-factor index

»Same index construction rules applied across the factor family

»Single factor indices maximize the target factor while constraining the exposure to other factors

»Multi-factor index employs a bottom-up approach by maximizing the exposure to an equally weighted aggregated multi-factor score

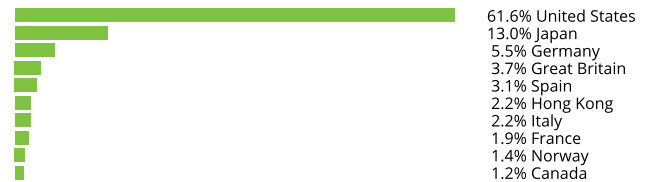»Ensures tradability by managing turnover and exposure to illiquid positions

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 1800 ESG-X Ax Value Index	N/A	116.1	0.7	0.5	3.9	0.0	3.4	0.0	50.2
STOXX Global 1800 ESG-X Index	59,322.1	53,636.7	32.6	11.2	2,940.1	1.4	5.5	0.0	8.3

Supersector weighting (top 10)

20.4% Technology
12.6% Banks
11.9% Health Care
10.0% Automobiles & Parts
9.6% Industrial Goods & Services
8.5% Energy
4.9% Basic Resources
4.0% Consumer Products & Services
3.5% Insurance
2.8% Food, Beverage & Tobacco

Country weighting

61.6% United States
13.0% Japan
5.5% Germany
3.7% Great Britain
3.1% Spain
2.2% Hong Kong
2.2% Italy
1.9% France
1.4% Norway
1.2% Canada

Risk and return figures[1]

Index returns			Return (%)					Annualized return (%)		
	Last month	YTD	1Y	3Y	5Y	Last month	YTD	1Y	3Y	5Y
STOXX Global 1800 ESG-X Ax Value Index	5.9	17.2	16.5	50.4	25.1	N/A	N/A	16.5	14.7	4.6
STOXX Global 1800 ESG-X Index	3.3	19.5	14.3	39.2	58.7	N/A	N/A	14.4	11.8	9.8
Index volatility and risk			Annualized volatility (%)					Annualized Sharpe ratio[2]		
STOXX Global 1800 ESG-X Ax Value Index	10.1	13.9	17.3	15.8	20.1	N/A	N/A	0.8	0.8	0.2
STOXX Global 1800 ESG-X Index	9.5	11.8	16.3	15.7	18.2	N/A	N/A	0.8	0.7	0.5
Index to benchmark			Correlation					Tracking error (%)		
STOXX Global 1800 ESG-X Ax Value Index	0.9	0.9	0.9	0.9	0.9	5.3	6.3	6.1	6.6	7.3
Index to benchmark			Beta					Annualized information ratio		
STOXX Global 1800 ESG-X Ax Value Index	1.0	1.1	1.0	0.9	1.0	5.9	-0.6	0.2	0.3	-0.7

[1] For information on data calculation, please refer to STOXX calculation reference guide.
[2] Based on EURIBOR1M

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

STOXX Ltd. is part of Qontigo

FACTOR AND STRATEGY
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Fundamentals (for last 12 months)

Index	Price/earnings incl. negative		Price/earnings excl. negative		Price/ book	Dividend yield (%) [3]	Price/ sales	Price/ cash flow
	Trailing	Projected	Trailing	Projected	Trailing	Trailing	Trailing	Trailing
STOXX Global 1800 ESG-X Ax Value Index	9.0	9.8	8.4	9.0	1.1	3.5	0.6	4.7
STOXX Global 1800 ESG-X Index	23.7	19.2	21.1	18.8	3.2	2.4	2.1	9.3

Performance and annual returns[4]

— STOXX® Global 1800 ESG-X Ax Value Index — STOXX® Global 1800 ESG-X Index

■ STOXX® Global 1800 ESG-X Ax Value Index ■ STOXX® Global 1800 ESG-X Index
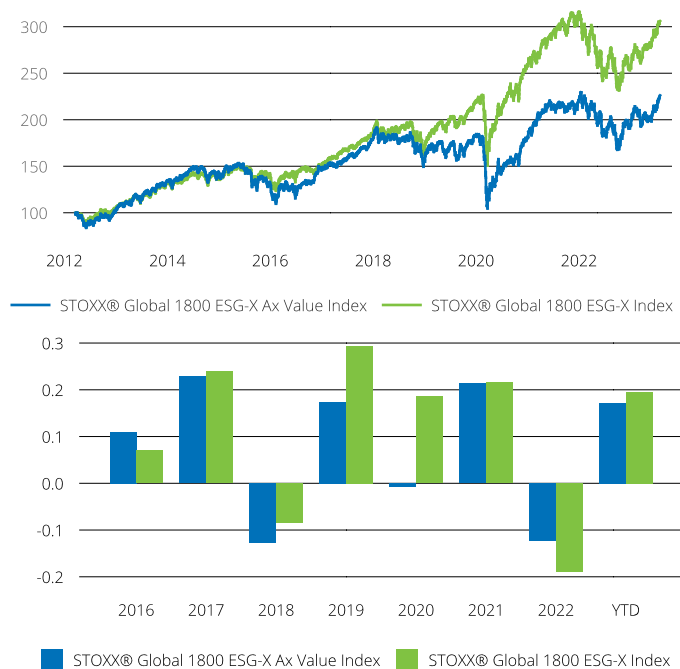
Methodology

Bringing together the powerful indexing and analytics capabilities of Qontigo, the STOXX Factor Index suite delivers more clarity to the market for factor investors by relying on the institutionally tested analytics of Axioma Factor Risk Models and advanced portfolio construction techniques. The use of Axioma's risk models ensures strong exposure to the respective target factor (Value, Momentum, Quality, Low Risk, Size, Multi-Factor) while allowing for ease of control over unintended exposures. The ESG-X screens are based on responsible policies of leading asset owners and aim to reduce reputational and idiosyncratic risks. The inclusion of constraints targets benchmark tracking with industry and country controls, and ensures tradability by limiting exposure to less liquid names and turnover while controlling for effective number of names and weights.

Versions and symbols

Index		ISIN	Symbol	Bloomberg	Reuters
Gross Return	EUR	CH0524921274	SAW1EVAG		.SAW1EVAG
Net Return	EUR	CH0524922009	SAW1EVAR		.SAW1EVAR
Price	EUR	CH0524921555	SAW1EVAP		.SAW1EVAP
Gross Return	USD	CH0524921647	SAW1EVAZ	SAW1EVAZ INDEX	.SAW1EVAZ
Net Return	USD	CH0524922074	SAW1EVAV		.SAW1EVAV
Price	USD	CH0524921977	SAW1EVAL		.SAW1EVAL

Complete list available here: www.stoxx.com/data/vendor_codes.html

Quick facts

Weighting	Optimization
Cap factor	4.5% / min (20x parent index weight, 8%) / 35%
No. of components	Variable
Review frequency	Quarterly
Calculation/distribution	dayend
Calculation hours	22:15:00 22:15:00
Base value/base date	100 as of Mar. 19, 2012
History	Mar. 19, 2012
Inception date	Mar. 26, 2020

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 ▎ https://qontigo.com/support/

DISCLAIMER

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.

[3] gr. div. yield is calculated as gr. return index return minus price index return
[4] STOXX data from Mar. 19, 2012 to Jul. 31, 2023

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

FACTOR AND STRATEGY
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Top 10 Components[5]

Company	Supersector	Country	Weight (%)
Citigroup Inc.	Banks	United States	3.40
THE CIGNA GROUP	Health Care	United States	3.22
ALPHABET CLASS C	Technology	United States	3.11
Micron Technology Inc.	Technology	United States	2.87
Mitsubishi Corp.	Industrial Goods & Services	Japan	2.74
META PLATFORMS CLASS A	Technology	United States	2.69
BCO SANTANDER	Banks	Spain	2.45
MARATHON PETROLEUM	Energy	United States	2.07
GENERAL MOTORS	Automobiles & Parts	United States	1.96
PHILLIPS 66	Energy	United States	1.89

[5] Based on the composition as of Jul. 31, 2023