FACTOR & STRATEGY

STOXX ASIA/PACIFIC 600 ESG-X AX QUALITY

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

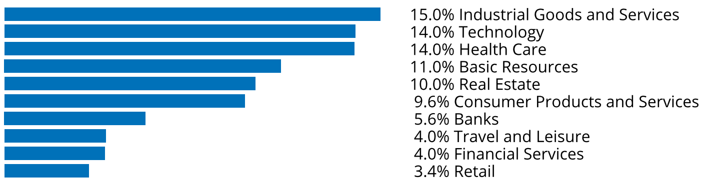
»Multi-factor index employs a bottom-up approach by maximizing the exposure to an equally weighted aggregated multi-factor score

»Ensures tradability by managing turnover and exposure to illiquid positions

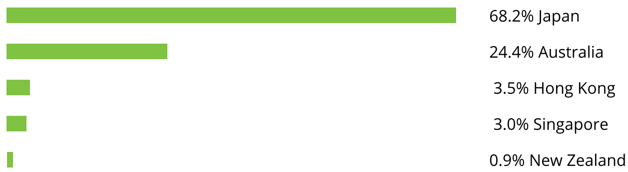
Descriptive statistics

Index	Market cap (USD bn.)		Components (USD bn.)				Component weight (%)		Turnover (%)
	Full	Free-float	Mean	Median	Largest	Smallest	Largest	Smallest	Last 12 months
STOXX Asia/Pacific 600 ESG-X Ax Quality	N/A	108.5	1.2	0.8	6.6	0.0	6.1	0.0	49.9
STOXX Asia/Pacific 600 ESG-X	7,026.4	5,878.5	10.7	4.6	213.8	1.2	3.6	0.0	8.7

Supersector weighting (top 10)



Country weighting



Risk and return figures[1]

Index returns	Return (%)					Annualized return (%)				
	Last month	YTD	1Y	3Y	5Y	Last month	YTD	1Y	3Y	5Y
STOXX Asia/Pacific 600 ESG-X Ax Quality	-1.8	8.1	12.2	12.0	26.4	N/A	N/A	12.1	3.8	4.8
STOXX Asia/Pacific 600 ESG-X	-3.2	11.6	9.4	10.3	16.3	N/A	N/A	9.5	3.4	3.1
Index volatility and risk	Annualized volatility (%)					Annualized Sharpe ratio				
STOXX Asia/Pacific 600 ESG-X Ax Quality	N/A	N/A	18.1	17.3	17.4	N/A	N/A	0.5	0.2	0.3
STOXX Asia/Pacific 600 ESG-X	N/A	N/A	16.2	15.8	16.3	N/A	N/A	0.4	0.2	0.2
Index to benchmark	Correlation					Tracking error (%)				
STOXX Asia/Pacific 600 ESG-X Ax Quality	1.0	1.0	1.0	0.9	0.9	4.2	4.4	5.1	5.7	5.6
Index to benchmark	Beta					Annualized information ratio				
STOXX Asia/Pacific 600 ESG-X Ax Quality	1.0	1.0	1.1	1.0	1.0	3.9	0.4	0.6	0.2	0.4

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

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

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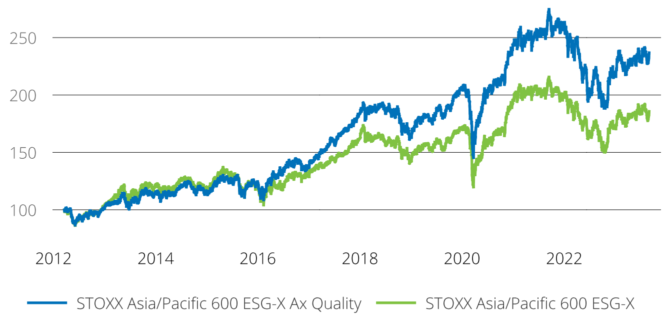
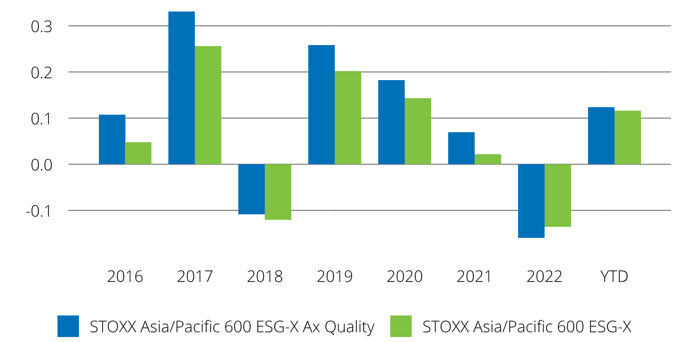
Fundamentals (for last 12 months)

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 Asia/Pacific 600 ESG-X Ax Quality	14.8	18.6	13.8	18.5	2.1	3.8	2.0	10.7
STOXX Asia/Pacific 600 ESG-X	16.5	15.9	15.5	15.6	1.5	3.1	1.3	3.8

Performance and annual returns[4]





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
Price	EUR	CH0524921282	SAP1EQUP		.SAP1EQUP
Net Return	EUR	CH0524921241	SAP1EQUR		.SAP1EQUR
Net Return	USD	CH0524921423	SAP1EQUV		.SAP1EQUV
Gross Return	USD	CH0524921449	SAP1EQUZ	SAP1EQUZ INDEX	.SAP1EQUZ
Price	USD	CH0524921720	SAP1EQUL		.SAP1EQUL
Gross Return	EUR	CH0524922058	SAP1EQUG		.SAP1EQUG

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	18:00:00 18:00:00
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
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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.

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

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

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Top 10 Components[5]

Company	Supersector	Country	Weight (%)
Goodman Group	Real Estate	Australia	6.06
Mizuho Financial Group Inc.	Banks	Japan	5.63
Disco Corp.	Technology	Japan	4.64
BHP GROUP LTD.	Basic Resources	Australia	4.51
RECRUIT HOLDINGS	Industrial Goods and Services	Japan	4.08
Tokyo Electron Ltd.	Technology	Japan	3.47
Chugai Pharmaceutical Co. Ltd.	Health Care	Japan	3.46
Hoya Corp.	Health Care	Japan	3.21
Nippon Yusen K.K.	Industrial Goods and Services	Japan	3.05
Nintendo Co. Ltd.	Consumer Products and Services	Japan	2.69

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