EURO ISTOXX ESG-X & EX NUCLEAR POWER MULTI FACTOR

Index description

The EURO iSTOXX ESG-X & Ex Nuclear Power Multi Factor Index is constructed on the EURO STOXX Index with standardized ESG exclusion screens applied for Global Standards Screening, Controversial Weapons, Thermal Coal, Nuclear Power and Tobacco Producers. The objective is to diversify across the factors of Profitability, Earnings Yield, Leverage, Value and Low Volatility (accomplished through the minimum variance objective), with the weighting determined by a multi-factor optimization process.

Key facts

»Constructed on the EURO STOXX Index with standardized ESG exclusion screens applied for Global Standards Screening, Controversial Weapons, Thermal Coal, Nuclear Power and Tobacco Producers.

»The screens are based on responsible policies and aim to reduce reputational and idiosyncratic risks.

»Screening provided by award-winning ESG data provider Sustainalytics.

»The objective is to diversify across the factors of Profitability, Earnings Yield, Leverage, Value, and Low Volatility (accomplished through the minimum variance objective).

»Optimization provided by award-winning partner Axioma.

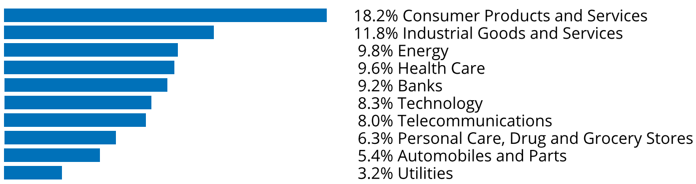
»The weighting determined by a multi-factor optimization process.

»Suitable as underlying for passive funds, ETFs, structured products and listed derivatives.

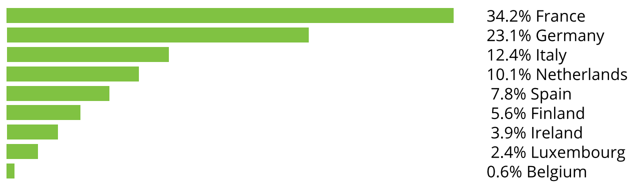
Descriptive statistics

Index	Market cap (USD bn.)		Components (USD bn.)				Component weight (%)		Turnover (%)
	Full	Free-float	Mean	Median	Largest	Smallest	Largest	Smallest	Last 12 months
EURO iSTOXX ESG-X & Ex Nuclear Power Multi Factor	N/A	109.5	2.2	1.3	8.8	0.0	8.0	0.0	30.3
EURO STOXX	7,632.6	5,445.7	18.7	7.5	266.0	1.7	4.9	0.0	3.0

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
EURO iSTOXX ESG-X & Ex Nuclear Power Multi Factor	-3.8	12.2	21.6	6.5	11.8	N/A	N/A	21.8	2.2	2.3
EURO STOXX	-4.7	20.2	26.3	14.6	12.0	N/A	N/A	26.5	4.7	2.3
Index volatility and risk	**Annualized volatility (%)**					**Annualized Sharpe ratio**				
EURO iSTOXX ESG-X & Ex Nuclear Power Multi Factor	N/A	N/A	19.6	19.6	20.0	N/A	N/A	0.9	0.1	0.1
EURO STOXX	N/A	N/A	21.6	21.8	22.7	N/A	N/A	1.0	0.2	0.1
Index to benchmark	**Correlation**					**Tracking error (%)**				
EURO iSTOXX ESG-X & Ex Nuclear Power Multi Factor	1.0	1.0	1.0	1.0	1.0	2.8	4.3	4.3	5.3	5.5
Index to benchmark	**Beta**					**Annualized information ratio**				
EURO iSTOXX ESG-X & Ex Nuclear Power Multi Factor	0.9	0.9	0.9	0.9	0.9	3.5	-0.3	-1.0	-0.6	-0.1

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

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

FACTOR & STRATEGY

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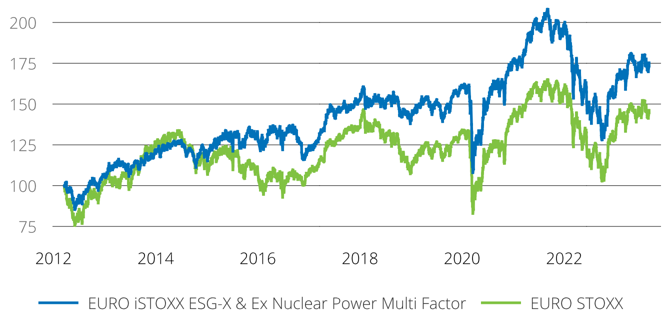
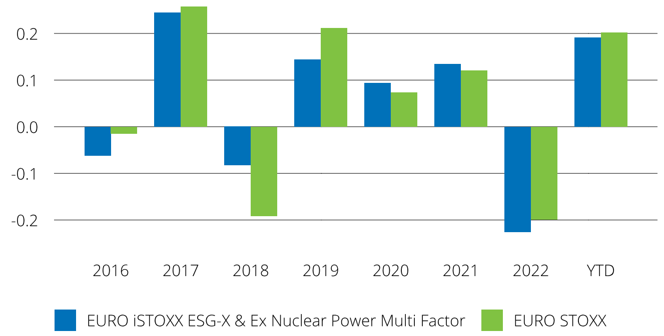
Fundamentals (for last 12 months)

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
EURO iSTOXX ESG-X & Ex Nuclear Power Multi Factor	10.6	9.9	10.6	9.9	1.2	3.3	0.7	9.6
EURO STOXX	14.7	12.1	12.7	11.7	1.6	3.2	1.0	4.3

Performance and annual returns[4]





Methodology

The EURO iSTOXX ESG-X & Ex Nuclear Power Multi Factor Index is constructed on the EURO STOXX Index with standardized ESG exclusion screens applied for Global Standards Screening, Controversial Weapons, Thermal Coal, Nuclear Power and Tobacco Producers. The objective is to diversify across the factors of Profitability, Earnings Yield, Leverage, Value, and Low Volatility (accomplished through the minimum variance objective), with the weighting determined by a multi-factor optimization process. The index is reviewed quarterly.

The EURO iSTOXX ESG-X & Ex Nuclear Power Multi Factor optimization is performed using Axioma's Portfolio Optimization software. This portfolio construction tool includes a Second-Order Cone optimization engine as well as a Branch-and-Bound algorithm for combinatorial problems that has been specialized for financial problems. Risk predictions are made using Axioma's European, Medium-Horizon, Equity Fundamental Factor Risk Model.

Versions and symbols

Index		ISIN	Symbol	Bloomberg	Reuters
Gross Return	EUR	CH0459297708	IXEXMFEG	IXEXMFEG INDEX	.IXEXMFEG
Price	EUR	CH0459297823	IXEXMFEP	IXEXMFEP INDEX	.IXEXMFEP
Gross Return	USD	CH0459297591	IXEXMFUG		.IXEXMFUG
Net Return	EUR	CH0459297658	IXEXMFEN	IXEXMFEN INDEX	.IXEXMFEN
Price	USD	CH0459297732	IXEXMFUP		.IXEXMFUP
Net Return	USD	CH0459297872	IXEXMFUN		.IXEXMFUN

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

Quick facts

Weighting	Optimized
Cap factor	4.5% / 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	100 as of Mar. 19, 2012
Inception date	Jan. 30, 2019

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/

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] Net dividend yield is calculated as net return index return minus price index return
[4] STOXX data from Mar. 19, 2012 to Aug. 31, 2023

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

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Top 10 Components[5]

Company	Supersector	Country	Weight (%)
L'OREAL	Consumer Products and Services	France	8.00
HERMES INTERNATIONAL	Consumer Products and Services	France	6.01
SANOFI	Health Care	France	5.33
AHOLD DELHAIZE	Personal Care, Drug and Grocery	Netherlands	5.18
SAP	Technology	Germany	4.94
ENI	Energy	Italy	4.72
STELLANTIS	Automobiles and Parts	Italy	4.62
DEUTSCHE POST	Industrial Goods and Services	Germany	4.60
KONE B	Industrial Goods and Services	Finland	4.34
ORANGE	Telecommunications	France	4.30

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