STOXX GLOBAL AUTOMATION & ROBOTICS

Index description

The STOXX Global Thematic indices are comprised of companies from selected markets exposed to a defined set of themes: Ageing Population, Automation & Robotics, Digitalisation, Breakthrough Healthcare. These companies operate in business areas that actively participate in social, economic and environmental changes and drive long-term structural trends.

To be eligible, companies must derive 50% or more of their revenues from businesses that fall under respective themes. FactSet Revere data is used for a granular breakdown of the revenue sources of the companies in the screening process. This in turn allows enhanced precision in the thematic investment approach and in the selection of companies with substantial exposure to the targeted themes.

STOXX Global Thematic indices are also taking ESG considerations into account. Companies that are non-compliant with the Global Standards Screening (GSS), 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

Key facts

»Index allows targeted investment in Automation & Robotics - a long-term structural trend.

»Based on FactSet Revere data for a detailed revenue breakdown

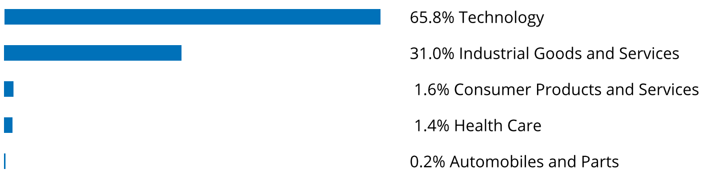
»Inclusion of size and liquidity filters to ensure replicability of the index

»Leveraging sustainability data from leading provider (Sustainalytics) to avoid exposure to companies engaged in controversial activities

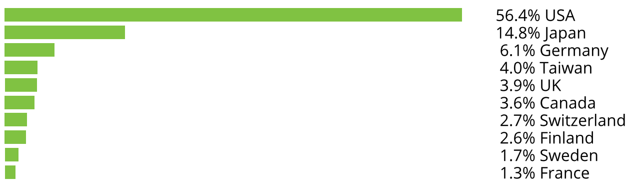
Descriptive statistics

Index	Market cap (EUR bn.)		Components (EUR bn.)				Component weight (%)		Turnover (%)
	Full	Free-float	Mean	Median	Largest	Smallest	Largest	Smallest	Last 12 months
STOXX Global Automation & Robotics	N/A	9.8	0.1	0.0	0.2	0.0	1.8	0.0	41.0
STOXX Global Total Market	78,736.2	66,519.5	5.9	0.6	2,590.6	0.0	3.9	0.0	2.8

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 Global Automation & Robotics	-2.8	20.1	11.7	29.6	53.7	N/A	N/A	11.8	9.1	9.1
STOXX Global Total Market	-1.3	17.6	3.7	31.5	39.3	N/A	N/A	3.7	9.6	6.9
Index volatility and risk	**Annualized volatility (%)**					**Annualized Sharpe ratio**				
STOXX Global Automation & Robotics	N/A	N/A	19.1	21.0	22.0	N/A	N/A	0.4	0.4	0.4
STOXX Global Total Market	N/A	N/A	13.0	13.9	17.0	N/A	N/A	0.0	0.6	0.4
Index to benchmark	**Correlation**					**Tracking error (%)**				
STOXX Global Automation & Robotics	0.9	0.8	0.9	0.9	0.9	7.9	9.0	10.3	11.0	10.5
Index to benchmark	**Beta**					**Annualized information ratio**				
STOXX Global Automation & Robotics	1.4	1.2	1.3	1.3	1.1	-2.0	1.3	0.8	0.0	0.2

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

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

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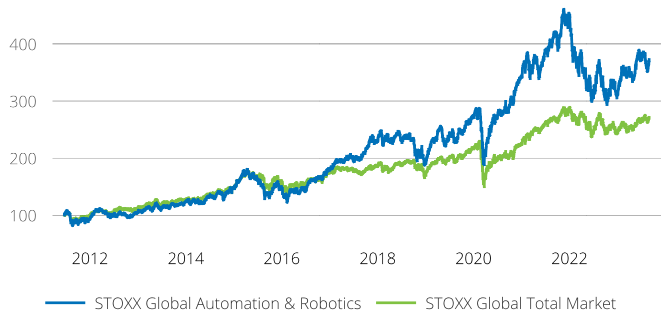
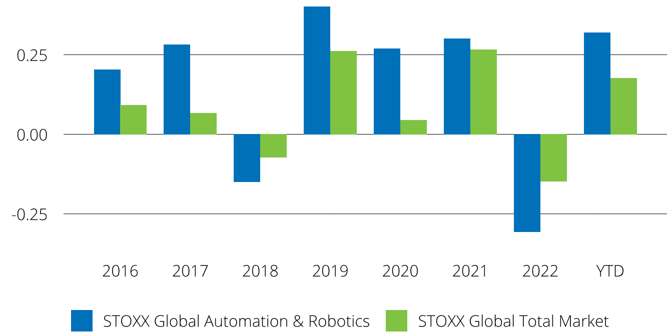
Fundamentals (for last 12 months)

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 Global Automation & Robotics	77.6	28.1	30.9	26.1	4.1	0.8	3.2	20.8
STOXX Global Total Market	17.5	14.7	14.7	14.0	0.2	1.8	1.3	0.2

Performance and annual returns[4]





Methodology

The parent index of the STOXX Global Automation & Robotics Index is the STOXX Global Total Market Index. Companies, classified as belonging to a defined set of developed and emerging countries, that derive more than 50% of their most recent total annual revenue from sectors linked to the automation and robotics trend are highlighted as potential index components. The index excludes companies that are not compliant with the Sustainalytics Global Standards Screening assessment or are involved in Controversial Weapons and other controversial activities. Moreover, companies that display high ESG Controversy Ratings are also excluded.

The index applies liquidity and size screens and aims to have a minimum number of 80 components. It is adjusted equal-weighted and reviewed annually in June.

The detailed methodology including the calculation formula can be found in our rulebooks: www.stoxx.com/rulebooks

Versions and symbols

Index		ISIN	Symbol	Bloomberg	Reuters
Net Return	USD	CH0325904388	IXAROBU	IXAROBU INDEX	.IXAROBU
Price	EUR	CH0325904362	IXAROBE		.IXAROBE
Gross Return	EUR	CH0325904347	IXAROBG		.IXAROBG
Net Return	EUR	CH0325904354	IXAROBT		.IXAROBT
Gross Return	USD	CH0325904370	IXAROBS	IXAROBS INDEX	.IXAROBS
Price	USD	CH0325904396	IXAROBK	IXAROBK INDEX	.IXAROBK

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

Quick facts

Weighting	Adjusted Equal-weighted
Cap factor	None
No. of components	Min. 80
Review frequency	Annual in June
Calculation/distribution	Net Return (USD) in real time, others at day end
Base value/base date	1000 on Jun. 20, 2011
History	Daily index value since Jun. 20, 2011
Inception date	Jun. 21, 2016

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] Net dividend yield is calculated as net return index return minus price index return
[4] STOXX data from Jun. 20, 2011 to Aug. 31, 2023

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

Top 10 Components[5]

Company	Supersector	Country	Weight (%)
NVIDIA Corp.	Technology	USA	1.83
SPLUNK	Technology	USA	1.76
EPAM SYSTEMS	Technology	USA	1.75
LATTICE SEMICONDUCTOR	Technology	USA	1.71
WORKDAY CLASS	Technology	USA	1.71
Fortive	Industrial Goods and Services	USA	1.65
SAGE GRP	Technology	UK	1.62
Autodesk Inc.	Technology	USA	1.59
Intel Corp.	Technology	USA	1.58
Roper Technologies Inc.	Technology	USA	1.58

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