

# STOXX® GLOBAL 1800 ESG-X AX MULTI-FACTOR 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.

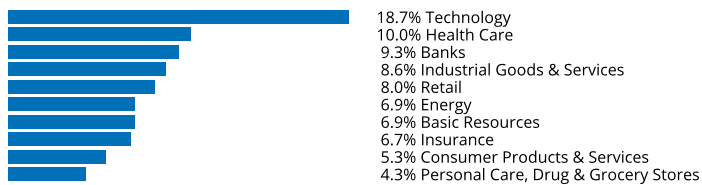
## Key facts

- » 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

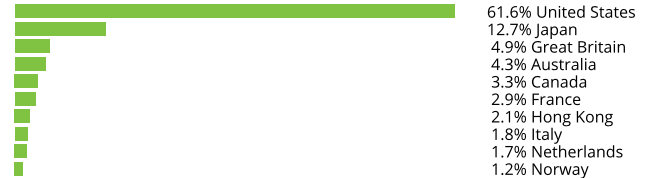
## Descriptive statistics

| 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 Multi-Factor Index | N/A                  | 105.2      | 0.6                  | 0.3    | 5.7     | 0.0      | 5.5                  | 0.0      | 49.7           |
| STOXX Global 1800 ESG-X Index                 | 54,303.3             | 49,088.8   | 30.1                 | 10.2   | 2,655.1 | 0.4      | 5.4                  | 0.0      | 8.4            |

## 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   |
| STOXX Global 1800 ESG-X Ax Multi-Factor Index | -3.0                      | 3.4  | 0.5  | 36.4 | 38.0 | N/A                                  | N/A  | 0.5  | 10.9 | 6.7  |
| STOXX Global 1800 ESG-X Index                 | -0.6                      | 9.1  | 2.9  | 37.2 | 48.9 | N/A                                  | N/A  | 2.9  | 11.2 | 8.4  |
| Index volatility and risk                     | Annualized volatility (%) |      |      |      |      | Annualized Sharpe ratio <sup>2</sup> |      |      |      |      |
| STOXX Global 1800 ESG-X Ax Multi-Factor Index | 10.2                      | 11.4 | 16.0 | 15.2 | 16.9 | N/A                                  | N/A  | -0.2 | 0.7  | 0.4  |
| STOXX Global 1800 ESG-X Index                 | 10.7                      | 12.5 | 18.1 | 16.2 | 18.2 | N/A                                  | N/A  | 0.0  | 0.6  | 0.4  |
| Index to benchmark                            | Correlation               |      |      |      |      | Tracking error (%)                   |      |      |      |      |
| STOXX Global 1800 ESG-X Ax Multi-Factor Index | 0.9                       | 0.9  | 1.0  | 0.9  | 1.0  | 4.4                                  | 5.1  | 5.1  | 5.2  | 5.2  |
| Index to benchmark                            | Beta                      |      |      |      |      | Annualized information ratio         |      |      |      |      |
| STOXX Global 1800 ESG-X Ax Multi-Factor Index | 0.9                       | 0.8  | 0.9  | 0.9  | 0.9  | -6.4                                 | -2.8 | -0.6 | -0.2 | -0.5 |

<sup>1</sup> For information on data calculation, please refer to STOXX calculation reference guide.

<sup>2</sup> Based on EURIBOR1M

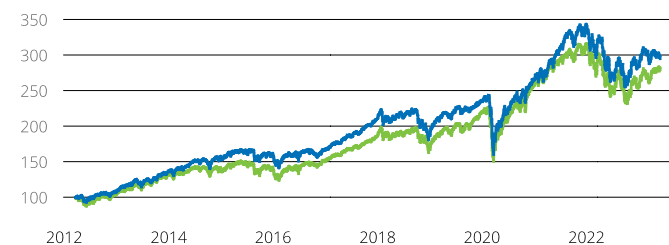
(USD, gross return), all data as of May 31, 2023

## FACTOR AND STRATEGY

## STOXX® GLOBAL 1800 ESG-X AX MULTI-FACTOR INDEX

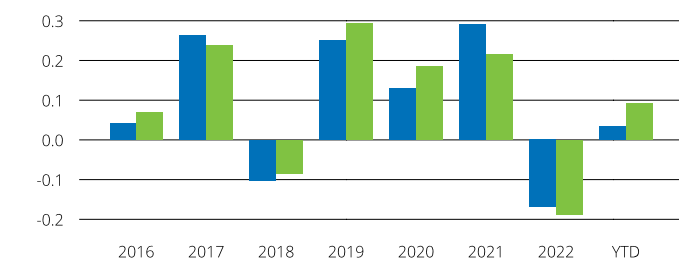
## Fundamentals (for last 12 months)

| Index                                         | Price/earnings<br>incl. negative |           | Price/earnings<br>excl. negative |           | Price/<br>book | Dividend<br>yield (%) <sup>3</sup> | Price/<br>sales | Price/<br>cash flow |
|-----------------------------------------------|----------------------------------|-----------|----------------------------------|-----------|----------------|------------------------------------|-----------------|---------------------|
|                                               | Trailing                         | Projected | Trailing                         | Projected | Trailing       | Trailing                           | Trailing        | Trailing            |
| STOXX Global 1800 ESG-X Ax Multi-Factor Index | 11.5                             | 12.3      | 10.9                             | 12.3      | 1.7            | 2.8                                | 0.8             | 7.9                 |
| STOXX Global 1800 ESG-X Index                 | 23.6                             | 17.6      | 19.5                             | 17.3      | 2.9            | 2.2                                | 1.9             | 5.7                 |

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

— STOXX® Global 1800 ESG-X Ax Multi-Factor Index

— STOXX® Global 1800 ESG-X Index



■ STOXX® Global 1800 ESG-X Ax Multi-Factor 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 | CH0524923684 | SAW1EMFG |                | .SAW1EMFG |
| Net Return EUR   | CH0524923668 | SAW1EMFR |                | .SAW1EMFR |
| Price EUR        | CH0524923619 | SAW1EMFP |                | .SAW1EMFP |
| Gross Return USD | CH0524923833 | SAW1EMFZ | SAW1EMFZ INDEX | .SAW1EMFZ |
| Net Return USD   | CH0524923650 | SAW1EMFV |                | .SAW1EMFV |
| Price USD        | CH0524923890 | SAW1EMFL |                | .SAW1EMFL |

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

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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> gr. div. yield is calculated as gr. return index return minus price index return

<sup>4</sup> STOXX data from Mar. 19, 2012 to May 31, 2023

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

# STOXX® GLOBAL 1800 ESG-X AX MULTI-FACTOR INDEX

## Top 10 Components<sup>5</sup>

| <b>Company</b>                 | <b>Supersector</b>                   | <b>Country</b> | <b>Weight (%)</b> |
|--------------------------------|--------------------------------------|----------------|-------------------|
| Costco Wholesale Corp.         | Retail                               | United States  | 5.45              |
| REGENERON PHARMS.              | Health Care                          | United States  | 3.16              |
| SYNOPSIS                       | Technology                           | United States  | 2.77              |
| CADENCE DESIGN SYS.            | Technology                           | United States  | 2.52              |
| Vertex Pharmaceuticals Inc.    | Health Care                          | United States  | 2.50              |
| McKesson Corp.                 | Personal Care, Drug & Grocery Stores | United States  | 2.35              |
| Sumitomo Mitsui Financial Grou | Banks                                | Japan          | 2.22              |
| Intuit Inc.                    | Technology                           | United States  | 2.21              |
| MARATHON PETROLEUM             | Energy                               | United States  | 2.16              |
| PHILLIPS 66                    | Energy                               | United States  | 1.90              |

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