

# STOXX® GLOBAL 1800 EX JAPAN LOW CARBON INDEX

## Index description

These STOXX Low Carbon indices cover benchmark indices and the blue-chip index EURO STOXX 50®. By utilizing both estimated and reported carbon intensity scores, this index family represents broad indices with a variable number of components, covering the regions Global, Europe, Eurozone, USA and Japan. These indices closely track the risk-return profile of the underlying benchmark indices while offering a reduction in carbon emissions in the overall portfolio of constituents by overweighting lower carbon emitters, while underweighting higher carbon emitters.

STOXX uses CDP and ISS ESG as reliable and professional data sources for the estimated and reported data. Data considered comprise Scope 1 (All direct GHG emissions) and Scope 2 (Indirect GHG emissions from consumption of purchased electricity, heat or steam) emissions.

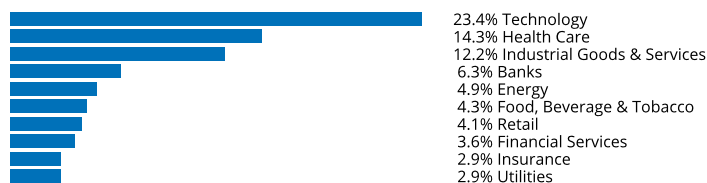
## Key facts

- »Derived from STOXX broad, yet liquid broad indices to ensure tradability.
- »As indices derived from those well-known broad indices, investor can easily use it for benchmark purposes.
- »Comprehensive offering by covering global regions, Europe, Eurozone and USA.
- »Usage of a reliable data sources: CDP for reported data.
- »Only companies with reported data are available for selection.

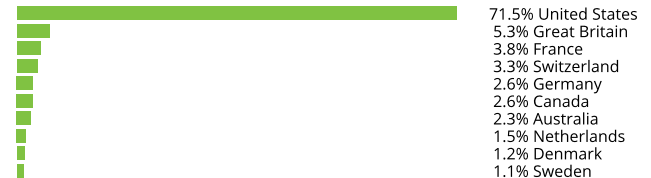
## Descriptive statistics

Index	Market cap (JPY bn.)		Components (JPY bn.)				Component weight (%)		Turnover (%)
	Full	Free-float	Mean	Median	Largest	Smallest	Largest	Smallest	Last 12 months
STOXX Global 1800 ex Japan Low Carbon Index	N/A	16,201,318.9	11757.1	4014.9	828723.4	57.5	5.1	0.0	8.7
STOXX Global 1800 ex Japan Index	8,493,391.0	7,738,666.8	5539.5	2048.6	417,724.7	199.1	5.4	0.0	2.8

## 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 ex Japan Low Carbon Index	1.6	27.8	21.7	90.1	106.2	N/A	N/A	21.9	24.1	15.8
STOXX Global 1800 ex Japan Index	1.5	28.2	21.1	89.0	104.1	N/A	N/A	21.3	23.9	15.5
Index volatility and risk	Annualized volatility (%)					Annualized Sharpe ratio <sup>2</sup>				
STOXX Global 1800 ex Japan Low Carbon Index	11.8	16.9	18.8	18.8	22.1	N/A	N/A	1.0	1.2	0.7
STOXX Global 1800 ex Japan Index	11.8	17.0	18.9	18.7	22.0	N/A	N/A	0.9	1.1	0.7
Index to benchmark	Correlation					Tracking error (%)				
STOXX Global 1800 ex Japan Low Carbon Index	1.0	1.0	1.0	1.0	1.0	0.5	0.6	0.6	0.6	0.7
Index to benchmark	Beta					Annualized information ratio				
STOXX Global 1800 ex Japan Low Carbon Index	1.0	1.0	1.0	1.0	1.0	1.3	-1.0	0.8	0.3	0.4

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

<sup>2</sup> Based on EURIBOR1M

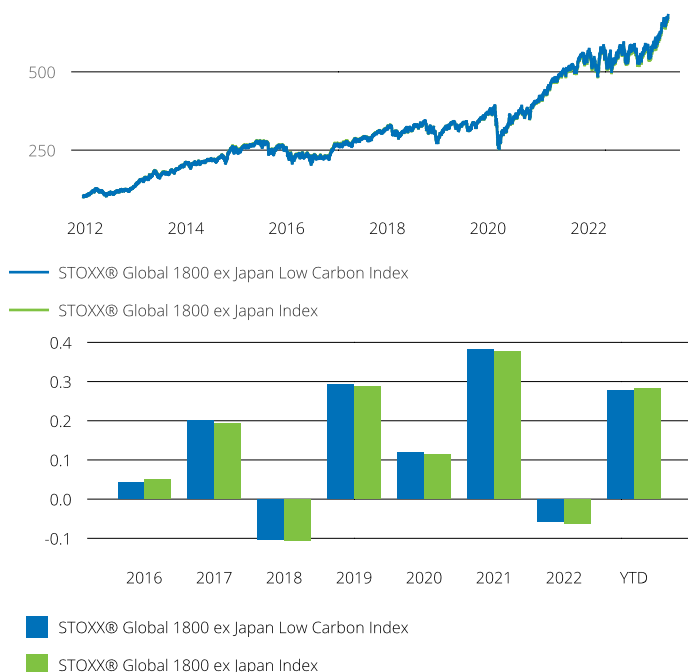
(JPY, gross return), all data as of Jul. 31, 2023

## THEME INDICES

## STOXX® GLOBAL 1800 EX JAPAN LOW CARBON INDEX

## Fundamentals (for last 12 months)

Index	Price/earnings incl. negative		Price/earnings excl. negative		Price/ book	Dividend yield (%) <sup>3</sup>	Price/ sales	Price/ cash flow
	Trailing	Projected	Trailing	Projected	Trailing	Trailing	Trailing	Trailing
STOXX Global 1800 ex Japan Low Carbon Index	23.1	18.8	20.5	18.4	0.5	2.6	2.1	10.0
STOXX Global 1800 ex Japan Index	23.4	19.2	20.8	18.8	0.1	2.6	2.1	9.5

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

## Methodology

Base universe is the STOXX Global 1800 Index, excluding stocks from ICB subsector coal (ICB Code 60101040). Only those stocks with reported or estimated low carbon emission data are eligible for inclusion. STOXX uses estimated and reported Carbon Intensity data ((Scope 1 + Scope 2 emission data) / Revenue in \$ million) provided by our research partner CDP and ISS ESG. The remaining stocks are sorted by ICB Supersector and a Z-score per supersector is calculated. For the EURO STOXX 50 Low Carbon index, a Z-Score is calculated for the population. Indices are price weighted with a weight factor based on the free-float market capitalization multiplied by the corresponding Z-score carbon intensity factor of each constituent. The resulting tilt overweights stocks with lower carbon intensities and underweights those with higher emissions. Individual components are subject to a 5% cap.

## Versions and symbols

Index	ISIN	Symbol	Bloomberg	Reuters
Gross Return EUR	CH0304746230	SXGXJCEG		.SXGXJCEG
Gross Return EUR	CH0304746230	SXGXJCEG		.SXGXJCEG
Net Return EUR	CH0304746206	SXGXJCEN		.SXGXJCEN
Net Return EUR	CH0304746206	SXGXJCEN		.SXGXJCEN
Price EUR	CH0304746172	SXGXJCEP		.SXGXJCEP
Price EUR	CH0304746172	SXGXJCEP		.SXGXJCEP
Gross Return JPY	CH0304746255	SXGXJCYG	SXGXJCYG INDEX	.SXGXJCYG
Gross Return JPY	CH0304746255	SXGXJCYG	SXGXJCYG INDEX	.SXGXJCYG
Net Return JPY	CH0304746222	SXGXJCYN		.SXGXJCYN
Net Return JPY	CH0304746222	SXGXJCYN		.SXGXJCYN

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

## Quick facts

Weighting	Price weighted; weight factor based on FF M-cap multiplied by Z-
Cap factor	5% on component level
No. of components	Variable
Review frequency	Components: Annually. Shares, Free Float and Weight Factor:
Calculation/distribution	See <a href="https://www.stoxx.com/data-vendor-codes">https://www.stoxx.com/data-vendor-codes</a>
Calculation hours	End-of-day
Base value/base date	100 on Dec. 19, 2011
History	Yes

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 Dec. 19, 2011 to Jul. 31, 2023

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

## STOXX® GLOBAL 1800 EX JAPAN LOW CARBON INDEX

Top 10 Components<sup>5</sup>

<b>Company</b>	<b>Supersector</b>	<b>Country</b>	<b>Weight (%)</b>
Apple Inc.	Technology	United States	5.12
Microsoft Corp.	Technology	United States	4.28
NVIDIA Corp.	Technology	United States	2.15
TESLA	Automobiles & Parts	United States	1.65
ALPHABET CLASS C	Technology	United States	1.49
META PLATFORMS CLASS A	Technology	United States	1.36
UnitedHealth Group Inc.	Health Care	United States	1.32
JPMorgan Chase & Co.	Banks	United States	1.13
Johnson & Johnson	Health Care	United States	1.03
Amazon.com Inc.	Retail	United States	0.92

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

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