

ISTOXX® MUTB JAPAN PARIS ALIGNED INDEX

Index description

The iSTOXX MUTB Japan Paris Aligned Index is designed to help investors shift towards a low-carbon economy.

This index is based on liquid securities selected from its parent index, STOXX Japan 600.

Companies identified as non-compliant according to their Global Standards Screening (GSS) assessment or that are involved in Very Severe ESG Controversies or Controversial Weapons or Tobacco Production, are not eligible for selection.

Securities that generate revenues above a certain threshold from coal, oil and gas exploration or processing activities, or from fossil fuel-based power generation are not considered for selection.

Furthermore, companies that ISS ESG assesses to have Significant Obstruction in the UN SDGs 12,13,14 and 15 are excluded from the selection universe.

The weighing process follows an optimization model that minimizes its exposure to a risk score consisting of four sustainable terms subject to

Key facts

»Created to help investors shift towards a low carbon economy by aligning with a 2C scenario.

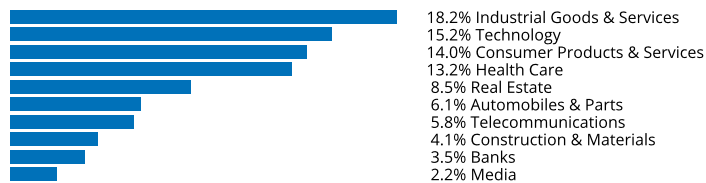
»The indices aim to reduce their greenhouse gases emission intensity by at least 50%, when compared to their underlying benchmarks, or to provide 7% year on year decarbonization choosing the lowest of those two targets.

»The aggregate sector exposure to low-carbon transition, high climate impact sectors is not overweight, relative its parent index.

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
iSTOXX MUTB Japan Paris Aligned Index	N/A	658.1	3.9	3.2	23.0	0.0	3.5	0.0	N/A
STOXX Japan 600 Index	5,098.6	4,309.9	7.2	2.6	169.4	0.5	3.9	0.0	2.5

Supersector weighting (top 10)



Country weighting



Risk and return figures¹

Index returns	Return (%)					Annualized return (%)				
	Last month	YTD	1Y	3Y	5Y	Last month	YTD	1Y	3Y	5Y
iSTOXX MUTB Japan Paris Aligned Index	1.2	5.7	3.7	12.8	N/A	N/A	N/A	3.7	4.1	N/A
STOXX Japan 600 Index	0.6	6.6	5.0	18.0	5.4	N/A	N/A	5.1	5.7	1.1
Index volatility and risk	Annualized volatility (%)					Annualized Sharpe ratio ²				
iSTOXX MUTB Japan Paris Aligned Index	12.6	15.6	18.3	17.4	N/A	N/A	N/A	0.2	0.3	N/A
STOXX Japan 600 Index	12.9	16.7	19.0	18.1	17.7	N/A	N/A	0.3	0.3	0.1
Index to benchmark	Correlation					Tracking error (%)				
iSTOXX MUTB Japan Paris Aligned Index	1.0	1.0	1.0	1.0	N/A	3.1	3.2	2.9	3.2	N/A
Index to benchmark	Beta					Annualized information ratio				
iSTOXX MUTB Japan Paris Aligned Index	1.0	0.9	1.0	1.0	N/A	7.4	0.1	-0.2	-0.4	N/A

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

² Based on EURIBOR1M

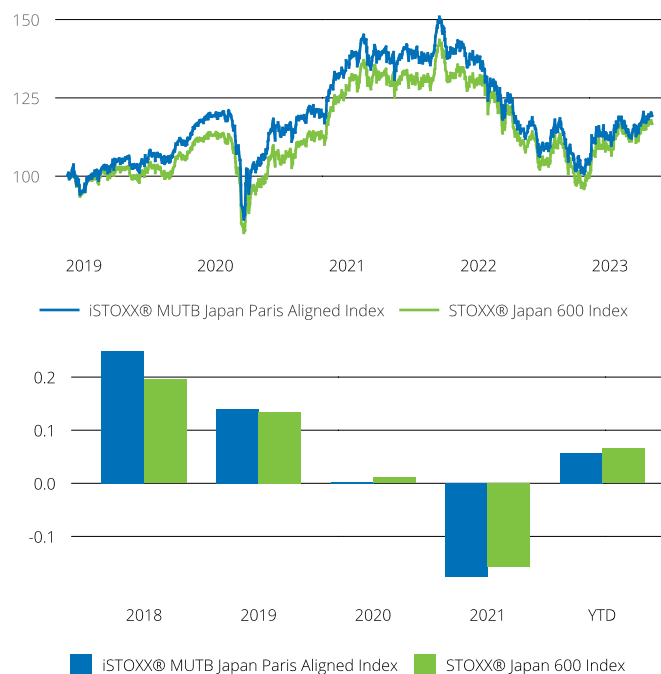
(USD, gross return), all data as of Apr. 28, 2023

ISTOXX INDICES

ISTOXX® MUTB JAPAN PARIS ALIGNED INDEX

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
iSTOXX MUTB Japan Paris Aligned Index	17.7	16.6	16.8	16.2	1.5	2.2	1.4	26.5
STOXX Japan 600 Index	14.8	14.0	13.4	13.4	1.3	2.4	0.9	21.4

Performance and annual returns⁴

Methodology

The MUTB Paris Aligned Index Family is designed to help investors shift towards a low-carbon economy. Each index is based on a selection of liquid securities from its parent index.

Companies identified as non-compliant according to their Global Standards Screening (GSS) assessment or that are involved in Very Severe ESG Controversies or Controversial Weapons or Tobacco Production, are not eligible for selection. Securities that generate revenues above a certain threshold from coal, oil and gas exploration or processing activities, or from fossil fuel-based power generation are not considered for selection.

Furthermore, companies that ISS ESG assesses to have Significant Obstruction in the UN SDGs 12,13,14 and 15 are excluded from the selection universe.

Versions and symbols

Index	ISIN	Symbol	Bloomberg	Reuters
Gross Return EUR	CH1258176333	ISMUJPR		.ISMUJPR
Net Return EUR	CH1258176283	ISMUJPR		.ISMUJPR
Price EUR	CH1258176242	ISMUJPP		.ISMUJPP
Gross Return JPY	CH1258176317	ISMUJPYG	ISMUJPYG INDEX	.ISMUJPYG
Net Return JPY	CH1258176218	ISMUJPN	ISMUJPN INDEX	.ISMUJPN
Price JPY	CH1258176184	ISMUJPP	ISMUJPP INDEX	.ISMUJPP
Gross Return USD	CH1258176374	ISMUJPGV		.ISMUJPGV
Net Return USD	CH1258176176	ISMUJPV		.ISMUJPV
Price USD	CH1258176341	ISMUJPL		.ISMUJPL

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

Quick facts

Weighting	Price weighted
Cap factor	Variable
No. of components	Variable
Review frequency	Semi-Annual
Calculation/distribution	Realtime 15 sec
Calculation hours	00:00:00 22:15:00
Base value/base date	100 as of November. 19, 2018
History	Available from Nov. 19, 2018
Inception date	March. 31, 2023

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/>

DISCLAIMER

STOXX, Deutsche Boerse Group (DBAG) and their licensors, research partners or data providers do not make any warranties or representations, express or implied, with respect to the timeliness, sequence, accuracy, completeness, currentness, merchantability, quality or fitness for any particular purpose of its index data and exclude any liability in connection therewith. STOXX, DBAG and their licensors, research partners or data providers are not providing investment advice through the publication of indices or in connection therewith. In particular, the inclusion of a company in an index, its weighting, or the exclusion of a company from an index, does not in any way reflect an opinion of STOXX, DBAG or their licensors, research partners or data providers on the merits of that company. Financial instruments based on the STOXX® indices, DAX® indices or on any other indices supported by STOXX are in no way sponsored, endorsed, sold or promoted by STOXX, DBAG or their licensors, research partners or data providers.

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 Nov. 16, 2018 to Apr. 28, 2023

(USD, gross return), all data as of Apr. 28, 2023

ISTOXX® MUTB JAPAN PARIS ALIGNED INDEX

Top 10 Components⁵

Company	Supersector	Country	Weight (%)
Toyota Motor Corp.	Automobiles & Parts	Japan	3.49
SONY GROUP CORP.	Consumer Products & Services	Japan	3.34
Keyence Corp.	Industrial Goods & Services	Japan	2.69
Nippon Telegraph & Telephone C	Telecommunications	Japan	2.27
Daiichi Sankyo Co. Ltd.	Health Care	Japan	2.05
Fast Retailing Co. Ltd.	Retail	Japan	1.87
Daikin Industries Ltd.	Construction & Materials	Japan	1.78
Tokyo Electron Ltd.	Technology	Japan	1.76
Takeda Pharmaceutical Co. Ltd.	Health Care	Japan	1.74
Nintendo Co. Ltd.	Consumer Products & Services	Japan	1.63

⁵ Based on the composition as of Apr. 28, 2023
