Zug, October 1st, 2024

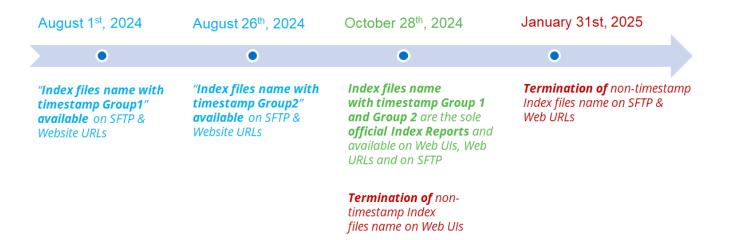
Reminder - STOXX Index Files Naming convention – File names to contain timestamp YYYYMMDD effective October 28th, 2024

Dear Customer,

STOXX Ltd., the operator of index business and a global provider of innovative and tradable index concepts, reminds that STOXX Index File names convention will be enriched with timestamp YYYYMMDD as of October 28th, 2024. This Technical Information is pursuant to the <u>Technical Information</u> published on August 1st, 2024 announcing the change of STOXX Index Files Naming convention to contain timestamp YYYYMMDD effective October 28th, 2024.

The graphic below provides an overview of the transition of non-timestamp STOXX Index Files to STOXX Index File names with timestamp YYYYMMDD:

- Before August 1st, 2024, the "STOXX Index Files with timestamp YYYYMMDD Group 1" are already available and distributed via SFTP and Web URLs.
- As of August 26th, 2024, the "STOXX Index Files with timestamp YYYYMMDD Group 2" are being distributed via SFTP and Web URLs.
- As of October 28th, 2024, the Web UIs will only display "STOXX Index File name with timestamp YYYYMMDD Group 1 and Group 2" and replacing the respective non-timestamp STOXX Index Files. The respective non-timestamp STOXX Index Files will remain available only via SFTP and via Web URLs for a limited period. The "STOXX Index File name with timestamp YYYYMMDD Group 1 and Group 2" are the sole official Index reports supported by STOXX Ltd.
- At close of January 31st, 2025, the non-timestamp STOXX Index Files will be terminated and not distributed anymore via SFTP and via Web URLs. Consequently, starting February 3rd, 2025, only STOXX Index File names with timestamp YYYYMMDD will be made available.



The changes described in this Technical Announcement affect the STOXX Index File names convention and do not affect the content or the format of the impacted STOXX Index Files.

Content of the Technical Information Announcement

- 1. List of the affected STOXX Index files by the file name change
- 2. Overview of the STOXX Index Files with timestamp YYYYMMDD Group 1 already available before August 1st, 2024
- 3. Overview of the STOXX Index Files with timestamp YYYYMMDD Group 2 available as of August 26th, 2024
- 4. Overview of the Web URLs location of all the new files having names with timestamp on SFTP and Website

1. List of the affected STOXX Index files by the file name change

File type	Current File Name "non-timestamp STOXX Index Files"	New File Name "Index Files with timestamp YYYYMMDD Group 1 and Group 2"	
Close Composition	closecomposition_xxxx.csv	closecomposition_xxxxx_YYYYMMDD.csv	
Open Composition	opencomposition_xxxxx.csv	opencomposition_xxxxx_YYYYMMDD.csv	
Corporate Actions Forecast	CAForecast_xxxx.csv	CAForecast_xxxxx_YYYYMMDD.csv	
Corporate Actions forecast_P000	CCAForecast_P000_xxxxx.csv	CCAForecast_P000_xxxxx_YYYYMMDD.csv	
Corporate Actions forecast_P001	CCAForecast_P001_xxxxx.csv	CCAForecast_P001_xxxxx_YYYYMMDD.csv	
Corporate Actions	corporateactions_xxxxx.csv	corporateactions_xxxxx_YYYYMMDD.csv	
Components_P000	components_P000_xxxxx.csv	components_P000_xxxxx_YYYYMMDD.csv	
Components_P001	components_P001_xxxxx.csv	components_P001_xxxxx_YYYYMMDD.csv	
Intraday 1300 Index Analytics	intraday_indices_xxxxx.csv	intraday_indices_xxxxx_YYYYMMDD.csv	
Intraday 1300 Snapshot	intraday_underlyings_xxxxx.csv	intraday_underlyings_xxxxx_YYYYMMDD.csv	
Turnover	turnover_xxxx.csv	turnover_xxxxx_YYYYMMDD.csv	
Weights Matrix	weights_matrix_xxxxx.csv	weights_matrix_xxxxx_YYYYMMDD.csv	
End-of-day Index Analytics	eod_indices_xxxxx.csv	eod_indices_xxxxx_YYYYMMDD.csv	
End-of-day Index Composition	eod_underlyings_xxxxx.csv	eod_underlyings_xxxxx_YYYYMMDD.csv	
End-of-day Index Analytics	bkf_xxxxx.xls	bkf_xxxxx_YYYYMMDD.xls	
Component Settlement Values	fscoxxxx.txt	fscoxxxxx_YYYYMMDD.txt	
Component Settlement Values (including sourcetime)	Sourcetime_FSV_xxxxx.csv	Sourcetime_FSV_xxxxx_YYYYMMDD.csv	
ESG Report	esg_report_xxxxx.csv	esg_report_xxxxx_YYYYMMDD.csv	
Open Quotations	psoqxxxx.txt	psoqxxxxx_YYYYMMDD.txt	
Intraday Reports	intradaysnapshots_xxxxx.txt	intradaysnapshots_xxxxx_YYYYMMDD.txt	
Open Quotation (Previous Day)	koxxxx.txt	koxxxxx_YYYYMMDD.txt	
Aggregated Open Quotations	psoq.txt	psoq_YYYYMMDD.txt	
Cost to Borrow	cost_to_borrow.txt	cost_to_borrow_YYYYMMDD.txt	
Cost to Borrow Forecast	cost_to_borrow_forecast.txt	cost_to_borrow_forecast_YYYYMMDD.txt	
Currency Rates	curr.csv .txt	curr_YYYYMMDD.csv .txt	
Index Values	stoxx_index_values.txt	stoxx_index_values_YYYYMMDD.txt	
Index Values and Divisors	index_divisors.csv .txt	index_divisors_YYYYMMDD.csv .txt	
Index Values and Divisors	index_divisors_europe.csv .txt	index_divisors_europe_YYYYMMDD.csv .txt	

2. Overview of the STOXX Index Files with timestamp YYYYMMDD Group 1 already available before August 1st, 2024

The "STOXX Index Files with timestamp YYYYMMDD Group 1" are already available before August 1st, 2024 and currently distributed via SFTP and Web URLs.

The "STOXX Index Files with timestamp YYYYMMDD Group 1" will be available via Web UIs as of October 28th, 2024. The respective non-timestamp STOXX Index Files will be terminated from Web UIs as of close of October 27th, 2024. The respective non-timestamp STOXX Index Files will be terminated from SFTP & Web URLs as of close of January 31st, 2025.

File type & Reference to Index File Guide	Index File type	Current Index File Name " non-timestamp STOXX Index Files"	New Index File Name "Index Files with timestamp YYYYMMDD Group 1"	New Index File name availability
2.2 Equity Index Files	Close Composition	closecomposition_xxxxx.csv	closecomposition_xxxxx_YYYYMMDD.csv	
	Open Composition	opencomposition_xxxxx.csv	opencomposition_xxxxx_YYYYMMDD.csv	
2.5 Fixed Income Index Files	Intraday 1300 Index Analytics	intraday_indices_xxxxx.csv	intraday_indices_xxxxx_YYYYMMDD.csv	
	Intraday 1300 Snapshot	intraday_underlyings_xxxxx.csv	intraday_underlyings_xxxxx_YYYYMMDD.csv	
	End-of-day Index Analytics	eod_indices_xxxxx.csv	eod_indices_xxxxx_YYYYMMDD.csv	
	End-of-day Index Composition	eod_underlyings_xxxxx.csv	eod_underlyings_xxxxx_YYYYMMDD.csv	
	End-of-day Index Analytics	bkf_xxxxx.xls	bkf_xxxxx_YYYYMMDD.xls	
3.2 Corporate Action Forecast files	Corporate Actions Forecast	CAForecast_xxxxx.csv	CAForecast_xxxxx_YYYYMMDD.csv	Already available before August 1st, 2024
	Corporate Actions forecast_P000	CCAForecast_P000_xxxxx.csv	CCAForecast_P000_xxxxx_YYYYMMDD.csv	
	Corporate Actions forecast_P001	CCAForecast_P001_xxxxx.csv	CCAForecast_P001_xxxxx_YYYYMMDD.csv	
	Components_P000	components_P000_xxxxx.csv	components_P000_xxxxx_YYYYMMDD.csv	
	Components_P001	components_P001_xxxxx.csv	components_P001_xxxxx_YYYYMMDD.csv	
3.3 Corporate Action t+1 files	Corporate Actions	corporateactions_xxxxx.csv	corporateactions_xxxxx_YYYYMMDD.csv	
5.2 Other Information	Turnover	turnover_xxxxx.csv	turnover_xxxxx_YYYYMMDD.csv	
	Weights Matrix	weights_matrix_xxxxx.csv	weights_matrix_xxxxx_YYYYMMDD.csv	

Please note that the SFTP location for the distribution of the STOXX Index Files remains unchanged; The STOXX Index Files with Timestamp YYYYMMDD Group 2 are distributed in the same SFTP location as the Current Index Files.

SFTP Location	New Index File Name "Index Files with timestamp YYYYMMDD Group 1"
	bkf_xxxxx_YYYYMMDD.xls
	eod_underlyings_xxxxx_YYYYMMDD.csv
	closecomposition_xxxxx_YYYYMMDD.csv
/STOXX/ <isftp index="" symbol="">/composition-files</isftp>	opencomposition_xxxxx_YYYYMMDD.csv
	components_P000_xxxxx_YYYYMMDD.csv
	components_P001_xxxxx_YYYYMMDD.csv
	intraday_indices_xxxxx_YYYYMMDD.csv
	CCAForecast_P000_xxxxx_YYYYMMDD.csv
	CCAForecast_P001_xxxxx_YYYYMMDD.csv
/STOXX/ <isftp index="" symbol="">/additional-files</isftp>	intraday_underlyings_xxxxx_YYYYMMDD.csv
	turnover_xxxxx_YYYYMMDD.csv
	weights_matrix_xxxxx_YYYYMMDD.csv
	eod_indices_xxxxx_YYYYMMDD.csv
/STOXX/ <isftp index="" symbol="">/components-files</isftp>	CAForecast_xxxxx_YYYYMMDD.csv
/STOXX/ <isftp index="" symbol="">/corporate-files</isftp>	corporateactions_xxxxx_YYYYMMDD.csv

3. Overview of the STOXX Index Files with timestamp YYYYMMDD Group 2 available as of August 26th, 2024

The "STOXX Index Files with timestamp YYYYMMDD Group 2" will be available and distributed via SFTP and Web URLs as of August 26th, 2024

The "STOXX Index Files with timestamp YYYYMMDD Group 2" will be available via Web UIs as of October 28th, 2024. The respective non-timestamp STOXX Index Files will be terminated from Web UIs as of close of October 25th, 2024. The respective non-timestamp STOXX Index Files will be terminated from SFTP & Web URLs as of close of January 31st, 2025.

File type & Reference to Index File Guide	File type	Current Index File Name " non-timestamp STOXX Index Files"	New Index File Name "Index Files with timestamp YYYYMMDD Group 2"	New Index File name availability
2.1 Common Files	Currency Rates	curr.csv curr.txt	curr_YYYYMMDD.csv curr_YYYYMMDD.txt	
2.2 Equity Index Files	Index Values and Divisors	index_divisors.csv index_divisors.txt	index_divisors_YYYYMMDD.csv index_divisors_YYYYMMDD.txt	
	Index Values and Divisors	index_divisors_europe.csv index_divisors_europe.txt	index_divisors_europe_YYYYMMDD.csv index_divisors_europe_YYYYMMDD.txt	
2.3 Equity Intraday Files	Component Settlement Values	fscoxxxx.txt	fscoxxxxx_YYYYMMDD.txt	
	Component Settlement Values (including sourcetime)	Sourcetime_FSV_xxxxx.csv	Sourcetime_FSV_xxxxx_YYYYMMDD.csv	August 26th, 2024
	Open Quotations	psoqxxxx.txt	psoqxxxxx_YYYYMMDD.txt	
	Intraday Reports	intradaysnapshots_xxxxx.txt	intradaysnapshots_xxxxx_YYYYMMDD.txt	
	Open Quotation (Previous Day)	koxxxxx.txt	koxxxxx_YYYYMMDD.txt	
	Open Quotations All Indices	psoq.txt	psoq_YYYYMMDD.txt	
2.4 Strategy Index Files	Cost to Borrow	cost_to_borrow.txt	cost_to_borrow_YYYYMMDD.txt	September
	Cost to Borrow Forecast	cost_to_borrow_forecast.txt	cost_to_borrow_forecast_YYYYMMDD.txt	23 rd , 2024
5.1 Monthly Reports	ESG Report	esg_report_xxxxx.csv	esg_report_xxxxx_YYYYMMDD.csv	September 30 th , 2024
	Index Values	stoxx_index_values.txt	stoxx_index_values_YYYYMMDD.txt	August 26th, 2024

Please note that the SFTP location for the distribution of the STOXX Index Files remains unchanged; The STOXX Index Files with Timestamp YYYYMMDD Group 2 will be distributed in the same SFTP location as the Current Index Files.

SFTP Location	New Index File Name "Index Files with timestamp YYYYMMDD Group 2"
	fscoxxxxx_YYYYMMDD.txt
	Sourcetime_FSV_xxxxx_YYYYMMDD.csv
	esg_report_xxxxx_YYYYMMDD.csv
/STOXX/ <isftp index="" symbol="">/additional-files</isftp>	psoqxxxxx_YYYYMMDD.txt
	intradaysnapshots_xxxxx_YYYYMMDD.txt
	koxxxxx_YYYYMMDD.txt
	psoq_YYYYMMDD.txt
	cost_to_borrow_YYYYMMDD.txt
/STOXX/_common-files	cost_to_borrow_forecast_YYYYMMDD.txt
	curr_YYYYMMDD.csv curr YYYYMMDD.txt
	stoxx_index_values_YYYYMMDD.txt
	index_divisors_YYYYMMDD.csv
	index_divisors_YYYYMMDD.txt
	index_divisors_europe_YYYYMMDD.csv
	index_divisors_europe_YYYYMMDD.txt

4. Overview of the Web URLs location of all the new files having names with timestamp on SFTP and Website

The following provides an overview of the applicable Web URLs for the "STOXX Index Files with timestamp YYYYMMDD Group 1 and Group 2"

The date from which these Web URLs are available, is defined in the previous respective section of this Technical announcement.

Web URLs applicable to "Index Files with timestamp YYYYMMDD Group 1 & Group 2"
https://www.stoxx.com/document/Indices/Current/Composition_Files/closecomposition_xxxxx_YYYYMMDD.csv
https://www.stoxx.com/document/Indices/Current/Composition_Files/opencomposition_xxxxx_YYYYMMDD.csv
https://www.stoxx.com/document/Indices/corporateactionsforecast/CAForecast_xxxxx_YYYYMMDD.csv
https://www.stoxx.com/document/Indices/otherinformation/corporateactionsforecast/CCAForecast_P000_ xxxxx_YYYYMMDD.csv
https://www.stoxx.com/document/Indices/otherinformation/corporateactionsforecast/CCAForecast_P001_ xxxxx_YYYYMMDD.csv
https://www.stoxx.com/document/Indices/corporateactions/corporateactions_ xxxxx_YYYYMMDD.csv
https://www.stoxx.com/document/Indices/otherinformation/components/components_P000_ xxxxx_YYYYMMDD.csv
https://www.stoxx.com/document/Indices/otherinformation/components/components_P001_ xxxxx_YYYYMMDD.csv
https://www.stoxx.com/documents/stoxxnet/Documents/Indices/Current/intraday_indices_xxxxx_YYYYMMDD.csv
https://www.stoxx.com/documents/stoxxnet/Documents/Indices/Current/intraday_underlyings_ xxxxx_YYYYMMDD.csv
https://www.stoxx.com/documents/stoxxnet/Documents/Indices/otherinformation/weightings/weights_matrix_ xxxxx_YYYYMMDD.csv
https://www.stoxx.com/document/Indices/Current/Composition_Files/eod_indices_ xxxxx_YYYYMMDD.csv
https://www.stoxx.com/documents/stoxxnet/Documents/Indices/Current/Composition_Files/eod_underlyings_ xxxxx_YYYYMMDD.csv
https://www.stoxx.com/document/Indices/Current/Composition_Files/bkf_ xxxxx_YYYYMMDD.xls
https://www.stoxx.com/documents/stoxxnet/Documents/Indices/Current/fsco xxxxx_YYYYMMDD.txt
https://www.stoxx.com/documents/stoxxnet/Documents/Indices/otherinformation/esgreporting/esg_report_ xxxxx_YYYYMMDD.csv
https://www.stoxx.com/documents/stoxxnet/Documents/Indices/Current/psoq xxxxx_YYYYMMDD.txt
https://www.stoxx.com/documents/stoxxnet/Documents/Indices/Current/intradaysnapshots_ xxxxx_YYYYMMDD.txt
https://www.stoxx.com/documents/stoxxnet/Documents/Indices/Current/koxxxxx_YYYYMMDD.txt
https://www.stoxx.com/documents/stoxxnet/Documents/Indices/Current/psoq_YYYYMMDD.txt
https://www.stoxx.com/documents/stoxxnet/Documents/Resources/Corporate_Actions/cost_to_borrow_YYYYMMDD.txt
https://www.stoxx.com/documents/stoxxnet/Documents/Resources/Corporate_Actions/cost_to_borrow_forecast_YYYYMMDD.txt
https://www.stoxx.com/documents/stoxxnet/Documents/Indices/Current/Change_Files/curr_YYYYMMDD.txt
https://www.stoxx.com/documents/stoxxnet/Documents/Indices/Current/Change_Files/stoxx_index_values_YYYYMMDD.txt
https://www.stoxx.com/documents/stoxxnet/Documents/Indices/Current/Change_Files/index_divisors_YYYYMMDD.csv
https://www.stoxx.com/documents/stoxxnet/Documents/Indices/Current/Change_Files/index_divisors_europe_YYYYMMDD.csv

Note regarding the update of STOXX Technical guides

The following file guides provided by STOXX Ltd. for clients is updated to reflect the changes in the file-names mentioned in this announcement:

1. Index_Files_Guide.pdf

The Index Files Guide is available on <u>www.stoxx.com</u> > <u>Home</u> > <u>Resources</u> > <u>General</u> > <u>Technical Documentation</u>.

2. <u>iSFTP_Technical_Guide.pdf</u>

The iSFTP Technical Guide is available on <u>www.stoxx.com</u> > <u>Home</u> > <u>Resources</u> > <u>General</u> > <u>Technical</u> <u>Documentation.</u>

3. Index report link.csv

The index report link file, containing the new format of the URLs to retrieve the files for STOXX and DAX Indices respectively, will be added on October 18th, 2024 and will be available on <u>www.stoxx.com</u> > <u>Home</u> > <u>Resources</u> > <u>General</u> > <u>Data Vendor Codes.</u>

For more information on the STOXX indices, please visit STOXX.com