

Document title

EURONEXT INDEX WEIGHTINGS (REDISTRIBUTOR)

Document type or subject

CLIENT SPECIFICATION

Revision number

Date

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PREFACE

DOCUMENT HISTORY

VERSION NO.	DATE	DESCRIPTION
2.9.5	25/11/2019	Change to Product Structure
	(effective	(Effective 09 March 2020) :
	date updated on 21/01/2020)	 "Irish Stock Exchange Index Weightings" product is renamed as Dublin Index Weightings The files will be delivered on new FTP Folders No information provided in the "Industry", "Super_Sector", "Sector" and "Sub_Sector" fields (included in the STOCK files)
2.9.6	01/07/2020	(Effective 30 November 2020) - a new product called "Oslo Børs Index Weightings" (DUB) has been launched replacing the product formerly offered by Oslo Børs
2.9.7	05/08/2022	(Effective 05 August 2022) – a new product called "Euronext Crypto Indices" has been launched
2.10	31/01/2023	(Effective 27 February 2023, date subject to confirmation)
		Two new delivery features will become available:
		 File delivery via SFTP (see section 7 - "FTP/SFTP DELIVERY") File delivery via HTTPS plus email alerts (see section 9 – "HTTPS Delivery"
		(Effective 01 May 2023)
		Data repackaging:
		 Data for several indices will be removed from the Next Group Index Weightings product and added to new Products. Euronext Vigeo Index Weightings product will be excluded from the Euronext Index Weightings bundle Product
		See section 1 - "Introduction"
		(Effective 20 May 2023, date subject to confirmation)
		Two legacy delivery features will be decommissioned:
		 delivery via FTP (see section 7 - "FTP/SFTP DELIVERY") Email delivery from (see section 8 – "EMAIL DELIVERY")
2.10.1	30/03/2023	(Effective 17 June 2023, date subject to confirmation)
	(UPDATED DATES)	Two legacy delivery features will be decommissioned:
	27.1.20)	 delivery via FTP (see section 7 - "FTP/SFTP DELIVERY") Email delivery from (see section 8 – "EMAIL DELIVERY")

VERSION NO.	DATE	DESCRIPTION
	26/04/2023 (UPDATED EFFECTIVE DATE)	 (Effective 15 May 2023) Data repackaging: Data for several indices will be removed from the Next Group Index Weightings product and added to new Products. Euronext Vigeo Index Weightings product will be excluded from the Euronext Index Weightings bundle Product See section 1 - "Introduction"
2.10.2	12/05/2023 (UPDATED EFFECTIVE DATE)	 (Effective 05 June 2023) Data repackaging: Data for several indices will be removed from the Next Group Index Weightings product and added to new Products. Euronext Vigeo Index Weightings product will be excluded from the Euronext Index Weightings bundle Product See section 1 - "Introduction"

CONTACT INFORMATION

For technical support, please contact the **Euronext Service Operations**:

■ Email: <u>serviceoperations@euronext.com</u>

Telephone: +44 (0) 2076 608588

FURTHER INFORMATION

For additional information, please contact us at datasolutions@euronext.com.

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1. INTRODUCTION

The Euronext Index Weightings products are comprised of daily reports that provide detailed index composition and weights, including daily index values for Euronext indices.

The reports for **equity indices** are published three times a day in the form of two batches of End of Day (EOD) files and one batch of Next Day (NXTD) files:

- The End of Day reports (EOD) carry close of business data for the various indices. The 1st batch carries EOD data for indices calculated in the European time zone and the 2nd batch carries EOD data for indices calculated in the US time zone and also all the data that was published in the 1st EOD batch.
- The Next Day reports (NXTD) carry data adjusted for corporate actions/index reviews.

The reports for **crypto currency indices** are published once a day.

Please refer to the Product Structure section for an overview of products available to clients.

Please refer to the file named "Euronext Index Data Products - List of indices covered" available on https://connect2.euronext.com/en/data/client-specifications for further information in respect to the index calculation time zone for each Euronext index.

1.1 TYPES OF FILES AVAILABLE

1.1.1 **EQUITY INDICES**

•	Index	These files carry index divisors, levels, market capitalization and other relevant index data.
	Stock	These files carry detailed composition and weights data.

1.1.2 CRYPTO CURRENCY INDICES

•	Raw	These files carry aggregation of transactions (volume and vwmp) for eligible exchanges within a given timeframe with a flag indicating which "markets" and "transactions" are selected
	Filtered	These files carry the shortlist of aggregated transactions selected for the calculation of the partition price and volumes as flagged in the Raw file.
	Partitions	These files carry the volume weighted medium prices aggregated for all the selected markets for every single partition for the calculation of the indices.
	Levels	These files carry the end of day price/level of the indices.

2. PRODUCT STRUCTURE

The following products are available to clients:

2.1 EQUITY INDICES

PRODUCT NAME	PRODUCT ID
Euronext Index Weightings bundle*	Includes:*
	AMS
	BRU
	LIS
	PAR
	NXTG**
	NXTVIGEO***
Amsterdam Index Weightings	AMS
Brussels Index Weightings	BRU
Lisbon Index Weightings	LIS
Paris Index Weightings	PAR
Next Group Index Weightings**	NXTG
Euronext Vigeo Index Weightings	NXTVIGEO
Dublin Index Weightings	DUB
Oslo Børs Index Weightings (Launched on 30 Nov 2020)	OSL

^{*} The Euronext Index Weightings bundle includes the following products: Amsterdam Index Weightings, Brussels Index Weightings, Lisbon Index Weightings, Paris Index Weightings, Next Group Index Weightings** and Euronext Vigeo Index Weightings***.

NEW PRODUCTS TO BE LAUNCHED ON 05 JUNE 2023:

PRODUCT NAME	PRODUCT ID
Euronext World Index Weightings	ENWP
Euronext Developed Market Index Weightings	ENDM
Euronext Asia Pacific 500 Index Weightings	AS500
Euronext Europe 500 Index Weightings	EU500

^{**} Effective 05 June 2023, the data for the indices included in the new products (see list below) will be excluded from the Next Group Index Weightings product.

^{***} Effective 05 June 2023, the Euronext Vigeo Index Weightings product will be excluded from the Euronext Index Weightings bundle product

PRODUCT NAME	PRODUCT ID
Euronext Eurozone 300 Index Weightings	EZ300
Euronext North America 500 Index Weightings	NA500
Euronext Positive Impact Water World Index Weightings	PIWWP
Euronext Social Goods and Services World Index Weightings	SGSWP
Euronext Transatlantic Index Weightings	ENTP
Euronext EZ Transatlantic Index Weightings	ENZTP
Euronext Transatlantic 50 EW Index Weightings	EUS5P
Euronext Growth Index Weightings	GROWTH
Euronext Helios Space Index Weightings	HELIOS
Euronext Custom Index Weightings	CUSTOM

2.2 CRYPTO CURRENCY INDICES

■ Euronext Crypto Indices (product ID: CRYPTO) - Launched on 05 August 2022

Please check the list of indices included in each product <u>here</u>

3. BACKHISTORY AVAILABILITY

Back history is available for the Index Weightings products subject to a separate subscription with Euronext. Please contact datasolutions@euronext.com.

3.1 EQUITY INDICES

PRODUCT NAME	START DATE – END DATE
Euronext Index Weightings bundle*	See below
Amsterdam Index Weightings	02 Mar 2020 - ?
Brussels Index Weightings	02 Mar 2020 - ?
Lisbon Index Weightings	02 Mar 2020 - ?
Paris Index Weightings	02 Mar 2020 - ?
Next Group Index Weightings**	02 Mar 2020 - ?
Euronext Vigeo Index Weightings	02 Mar 2020 - ?
Dublin Index Weightings	02 Mar 2020 - ?
Oslo Børs Index Weightings	30 Nov 2020 - ?

^{*} The Euronext Index Weightings bundle includes the following products: Amsterdam Index Weightings, Brussels Index Weightings, Lisbon Index Weightings, Paris Index Weightings, Next Group Index Weightings** and Euronext Vigeo Index Weightings***.

^{**} Effective 05 June 2023, the data for the indices included in the new products (see list below) will be excluded from the Next Group Index Weightings product.

^{***} Effective 05 June 2023, the Euronext Vigeo Index Weightings product will be excluded from the Euronext Index Weightings bundle product

NEW PRODUCTS TO BE LAUNCHED ON **05 JUNE 2023**:

PRODUCT NAME	START DATE – END DATE
Euronext World Index Weightings	05 June 2023 - ?
Euronext Developed Market Index Weightings	05 June 2023 - ?
Euronext Asia Pacific 500 Index Weightings	05 June 2023 - ?
Euronext Europe 500 Index Weightings	05 June 2023 - ?
Euronext Eurozone 300 Index Weightings	05 June 2023 - ?
Euronext North America 500 Index Weightings	05 June 2023 - ?
Euronext Positive Impact Water World Index Weightings	05 June 2023 - ?
Euronext Social Goods and Services World Index Weightings	05 June 2023 - ?
Euronext Transatlantic Index Weightings	05 June 2023 - ?
Euronext EZ Transatlantic Index Weightings	05 June 2023 - ?
Euronext Transatlantic 50 EW Index Weightings	05 June 2023 - ?
Euronext Growth Index Weightings	05 June 2023 - ?
Euronext Helios Space Index Weightings	05 June 2023 - ?
Euronext Custom Index Weightings	05 June 2023 - ?

3.2 CRYPTO CURRENCY INDICES

PRODUCT NAME	START DATE – END DATE
Euronext Crypto Indices	05 Aug 2022 - ?

4. DAILY DELIVERY SCHEDULE

The Index Weightings files are provided according to the following schedule:

4.1 **EQUITY INDICES**

PRODUCT	EOD FILES	NXTD FILES
Euronext Index Weightings bundle *	See below	See below
Amsterdam Index Weightings	~ 19h15 CET	~ 23h30 CET
Brussels Index Weightings	~ 19h15 CET	~ 23h30 CET
Lisbon Index Weightings	~ 19h15 CET	~ 23h30 CET
Paris Index Weightings	~ 19h15 CET	~ 23h30 CET
Next Group Index Weightings**	1st batch: ~ 19h15 CET 2nd batch: ~ 22h30 CET	~ 23h30 CET
Euronext Vigeo Index Weightings	1st batch: ~ 19h15 CET 2nd batch: ~ 22h30 CET	~ 23h30 CET
Dublin Index Weightings	~ 19h15 CET	~ 23h30 CET
Oslo Børs Equity Index Weightings	~ 19h15 CET	~ 23h30 CET

^{*} The Euronext Index Weightings bundle includes the following products: Amsterdam Index Weightings, Brussels Index Weightings, Lisbon Index Weightings, Paris Index Weightings, Next Group Index Weightings** and Euronext Vigeo Index Weightings***.

^{***} Effective 05 June 2023, the Euronext Vigeo Index Weightings product will be excluded from the Euronext Index Weightings bundle product

PRODUCT	EOD FILES	NXTD FILES
Euronext World Index Weightings	1st batch: ~ 19h15 CET 2nd batch: ~ 22h30 CET	~ 23h30 CET
Euronext Developed Market Index Weightings	1st batch: ~ 19h15 CET 2nd batch: ~ 22h30 CET	~ 23h30 CET
Euronext Asia Pacific 500 Index Weightings	~ 19h15 CET	~ 23h30 CET

^{**} Effective 05 June 2023, the data for the indices included in the new products (see list below) will be excluded from the Next Group Index Weightings product.

PRODUCT	EOD FILES	NXTD FILES
Euronext Europe 500 Index Weightings	~ 19h15 CET	~ 23h30 CET
Euronext Eurozone 300 Index Weightings	~ 19h15 CET	~ 23h30 CET
Euronext North America 500 Index Weightings	1st batch: ~ 19h15 CET 2nd batch: ~ 22h30 CET	~ 23h30 CET
Euronext Positive Impact Water World Index Weightings	1st batch: ~ 19h15 CET 2nd batch: ~ 22h30 CET	~ 23h30 CET
Euronext Social Goods and Services World Index Weightings	1st batch: ~ 19h15 CET 2nd batch: ~ 22h30 CET	~ 23h30 CET
Euronext Transatlantic Index Weightings	1st batch: ~ 19h15 CET 2nd batch: ~ 22h30 CET	~ 23h30 CET
Euronext EZ Transatlantic Index Weightings	1st batch: ~ 19h15 CET 2nd batch: ~ 22h30 CET	~ 23h30 CET
Euronext Transatlantic 50 EW Index Weightings	1st batch: ~ 19h15 CET 2nd batch: ~ 22h30 CET	~ 23h30 CET
Euronext Growth Index Weightings	~ 19h15 CET	~ 23h30 CET
Euronext Helios Space Index Weightings	1st batch: ~ 19h15 CET 2nd batch: ~ 22h30 CET	~ 23h30 CET
Euronext Custom Index Weightings	1st batch: ~ 19h15 CET 2nd batch: ~ 22h30 CET	~ 23h30 CET

4.2 CRYPTO CURRENCY INDICES

PRODUCT	ALL FILES
Euronext Crypto Indices	~ 17h05 CET

5. FILE LAYOUTS

5.1 EQUITY INDICES

5.1.1 Index Files – EOD & NXTD

The following table describes the layout that is used for the Equity Index files . This layout is not applicable to the Strategy Index File.

DATA FIELD	DATA TYPE	FIELD LENGTH / NUMBER OF DECIMALS	DATE MASK	DESCRIPTION
Calculation_Date	Date	10	yyyy-mm-dd	Date on which the calculations took place -pricing is taken from the end of this trading day-
Index_ISIN_Code	Text	12		ISIN code of the index Note: ISIN codes with "US" or "CA" prefixes are owned by CUSIP Global Services.
Index_Mnemonic	Text	12		Mnemonic code of the index
Index_Name	Text	60		Name of the index
Index_MIC	Text	4		The ISO 10383 Market Identifier Code of the index
Index_Country_Code	Text	2		The country code -2 letters- of the home market of the index
Underlying_Price_Index_ISIN_ Code	Text	12		Underlying ISIN code of the Price Index — only available for total return indices Note: ISIN codes with "US" or "CA" prefixes are owned by CUSIP Global Services.
Changed	Text	3		Marked Y in case of an adjustment -only available for NXTD files-
Divisor	Number	14		Divisor for the index -see index rules for details-
Previous_Close	Number	6		Previous trading day close level of the index

DATA FIELD	DATA TYPE	FIELD LENGTH / NUMBER OF DECIMALS	DATE MASK	DESCRIPTION
Close	Number	6		Close level of the index
Close_Unrounded	Number	10		Close level of the index unrounded
Index_Capitalisation	Number	6		Market value of the index- e g for basket indices this is the value of the basket- for all share indices this is the aggregated market value of the constituents
Number_of_Constituents	Number	0		Number of constituents in the index
Currency_Code	Text	3		Currency in which the index is calculated
Exchange_Rate	Number	8		Currency exchange rate
Effect_Gross_Total_Return	Number	14		Number of index points the Gross return index was affected by dividend payments
Effect_Net_Total_Return	Number	14		Number of index points the Net return index was affected by dividend payments
Stocks_Effect_Index	Text	256		ISIN Codes of the stocks affecting the total return index Note: ISIN codes with "US" or "CA" prefixes are owned by CUSIP Global Services.

5.1.2 Index Files – Strategy Index File

The following table describes the layout that is used for the Strategy Index file.

DATA FIELD	DATA TYPE	FIELD LENGTH / NUMBER OF DECIMALS	DATE MASK	DESCRIPTION
Calculation_Date	Date	0	yyyy-mm-dd	Date on which the calculations took place -pricing is taken from the end of this trading day-
Index_ISIN_Code	Text	12		ISIN code of the index Note: ISIN codes with "US" or "CA" prefixes are owned by CUSIP Global Services.
Index_Mnemonic	Text	12		Mnemonic code of the index
Index_Name	Text	60		Name of the index
Index_MIC	Text	4		The ISO 10383 Market Identifier Code of the index
Index_Country_Code	Text	2		The country code -2 letters- of the home market of the index
Previous_Close	Number	6		Previous trading day close level of the index
Close	Number	6		Close level of the index
Last_Rebalancing_Date	Date	0	yyyy-mm-dd	Last Rebalancing Date, for daily indices this is the previous business day, for monthly indices this is the most recent third Friday of the month.
Number_of_Days	Number	0		Number of days between the Calculation date and the Last Rebalancing Day of the index
Leverage_Factor	Number	0		Leverage/Short multiplier of the index
Interest_Rate_Name	Text	25		Interest Rate Name
Intererest_Rate	Number	8		Applicable Interest Rate value as at the rebalancing date
Repo_Rate	Number	8		Applicable REPO Rate value reflecting the repurchase agreement embedded in the strategy and specific to each underlying index

DATA FIELD	DATA TYPE	FIELD LENGTH / NUMBER OF DECIMALS	DATE MASK	DESCRIPTION
Spread	Number	8		Applicable interest rate spread over Current Interest Rate date

5.1.3 Equity Stock Files – EOD & NXTD

The following table describes the layout that is used for the Equity Stock files.

DATA FIELD	DATA TYPE	FIELD LENGTH / NUMBER OF DECIMALS	DATE MASK	DESCRIPTION
Calculation_Date	Date	10	yyyy-mm-dd	Date on which the calculations took place -pricing is taken from the end of this trading day-
Index_Mnemonic	Text	6		Index mnemonic code
Component_Name	Text	60		Name of the security
Component_ISIN_Code	Text	12		The ISIN code of the security Note: ISIN codes with "US" or "CA" prefixes are owned by CUSIP Global Services.
Component_Mnemonic	Text	6		The Mnemonic code of the security
Component_MIC	Text	4		The ISO 10383 Market Identifier Code of the security
Component_Country_Code	Text	2		The country code -2 letters- of the home market of the security
Adjust_Reason	Text	60		Marked Y in case of an adjustment -only available for NXTD files-
Included_Shares	Number	6		Number of shares that are included in the index
Close_Price	Number	6		Close price of the component (in the NXTD files, can be adjusted

DATA FIELD	рата түре	FIELD LENGTH / NUMBER OF DECIMALS	DATE MASK	DESCRIPTION
				for corporate actions, if applicable)
Index_Capitalisation	Number	6		Market value for the security with which it is included in the index
Net_Dividend_Amount	Number	6		Total net dividend amount that was reinvested into the index - for the security-
Gross_Dividend_Amount	Number	6		Total gross dividend amount that was reinvested into the index -for the security-
Currency_Code	Text	3		The currency the security is traded in -currency of the pricing-
Exchange_Rate	Number	8		Currency exchange rate
Industry	Text	4		Blank
Super_Sector	Text	4		Blank
Sector	Text	4		Blank
Sub_Sector	Text	4		Blank
Freefloat_Factor	Number	12		Free float factor that is applied on this security for this index
Capping_Factor	Number	12		Capping factor that is applied on this security for this index
Relative_Weight	Number	8		Relative weight of this security in this index in percentage

5.2 Crypto Currency Indices – File Layouts

5.2.1 Raw File

The following table describes the layout used for the Raw files.

DATA FIELD	DATA TYPE	FIELD LENGTH / NUMBER OF DECIMALS	DATE MASK	DESCRIPTION
FILE_DATE	Date	10	yyyy-mm-dd	Calculation date of the indices
MNEMO	Text	5		Index symbol
ISIN	Text	12		Index ISIN Note: ISIN codes with "US" or "CA" prefixes are owned by
				CUSIP Global Services.
LONG_NAME	Text	50		Index name
ASSET_CODE	Text	5		Crypto currency code
INSTRUMENT	Text	10		Crypto currency vs Transactions currency
MARKET	Text	15		Crypto currency exchange
TIMESTAMP	Date/Time	19	yyyy-mm-dd hh:mm:ss	Timestamp of transaction (CET)
VWMP	Number			Volume weighted medium price on a partition
VOLUME	Number			Aggregated transaction volume on a partition
CURRENCY	Text	3		Currency of the transactions
SELECTED_MARKET	Text	5		Flag indicating if a specific exchange has been selected
INCLUDED_TRANSACTIONS	Text	5		Flag indicating if the transactions within a specific exchange have been selected

5.2.2 Filtered File

The following table describes the layout used for Filtered files.

DATA FIELD	DATA TYPE	FIELD LENGTH / NUMBER OF DECIMALS	DATE MASK	DESCRIPTION
FILE_DATE	Date	10	yyyy-mm-dd	Calculation date of the indices
MNEMO	Text	5		Index symbol
ISIN	Text	12		Index ISIN Note: ISIN codes with "US" or "CA" prefixes are owned by CUSIP Global Services.
LONG_NAME	Text	50		Index name
ASSET_CODE	Text	5		Crypto currency code
INSTRUMENT	Text	10	yyyy-mm-dd	Crypto currency vs Transactions currency
MARKET	Text	15		Crypto currency exchange
TIMESTAMP	Date/Time	19	yyyy-mm-dd hh:mm:ss	Timestamp of transaction (CET)
VWMP	Number			Volume weighted medium price on a partition. Data from Raw file.
VOLUME	Number			Aggregated transaction volume on a partition. Data from Raw file.
CURRENCY	Text	3		Currency of the transactions

5.2.3 Partitions File

The following file describes the layout used for Partitions files.

DATA FIELD	DATA TYPE	FIELD LENGTH / NUMBER OF DECIMALS	DATE MASK	DESCRIPTION
FILE_DATE	Date	10	yyyy-mm-dd	Calculation date of the indices

DATA FIELD	рата түре	FIELD LENGTH / NUMBER OF DECIMALS	DATE MASK	DESCRIPTION
MNEMO	Text	5		Index symbol
ISIN	Text	12		Index ISIN Note: ISIN codes with "US" or "CA" prefixes are owned by CUSIP Global Services.
LONG_NAME	Text	50		Index name
ASSET_CODE	Text	5		Crypto currency code
INSTRUMENT	Text	10	yyyy-mm-dd	Crypto currency vs Transactions currency
MARKET	Text	15		Crypto currency exchange
TIMESTAMP	Date/Time	19	yyyy-mm-dd hh:mm:ss	Timestamp of partition (CET)
VOLUME	Number			Aggregated volume of the partition. Data from Filtered file
VWMP_VOLUME	Number			(VWMP x Volume) / Aggregated Volume for a partition. Data from the Filtered file.
PARTITION_PRICE	Number			Volume / VMMP_PRICE. Data from Partitions file.
CURRENCY	Text	3		Currency of the Partition Price

5.2.4 Levels File

The following file describes the layout used for Levels files.

DATA FIELD	DATA TYPE	FIELD LENGTH / NUMBER OF DECIMALS	DATE MASK	DESCRIPTION
FILE_DATE	Date	10	yyyy-mm-dd	Calculation date of the indices
MNEMO	Text	5		Index symbol
ISIN	Text	12		Index ISIN

DATA FIELD	DATA TYPE	FIELD LENGTH / NUMBER OF DECIMALS	DATE MASK	DESCRIPTION
				Note: ISIN codes with "US" or "CA" prefixes are owned by CUSIP Global Services.
LONG_NAME	Text	50		Index name
ASSET_CODE	Text	5		Crypto currency code
INSTRUMENT	Text	10		Crypto currency vs Transactions currency
TIMESTAMP	Date/Time	19	yyyy-mm-dd hh:mm:ss	Timestamp of the Level (CET)
LEVEL	Number			End of day price / level of the indices
CURRENCY	Text	3		Currency of the Partition Price

6. FILE NAMES

Note: In all file names described in this section, "yyyymmdd" refers to the date of the file.

6.1 EQUITY INDICES

Index Files EOD and NXTD

- IDX_EU_<PRODUCT ID>_REF_INDEX_EOD_yyyymmdd
- IDX_EU_<PRODUCT ID>_REF_INDEX_NXTD_yyyymmdd

Stock Files EOD and NXTD

- IDX_EU_<PRODUCT ID>_REF_STOCK_EOD_yyyymmdd
- IDX_EU_<PRODUCT ID>_REF_STOCK_NXTD_yyyymmdd

PRODUCT	PRODUCT ID
Euronext Index Weightings bundle *	AMS
	BRU
	LIS
	PAR
	NXTG**
	NXTVIGEO***
Amsterdam Index Weightings	AMS
Brussels Index Weightings	BRU
Lisbon Index Weightings	LIS
Paris Index Weightings	PAR
Next Group Index Weightings**	NXTG
Euronext Vigeo Index Weightings	NXTVIGEO
Dublin Index Weightings	DUB
Oslo Børs Index Weightings	OSL

^{*} The Euronext Index Weightings bundle includes the following products: Amsterdam Index Weightings, Brussels Index Weightings, Lisbon Index Weightings, Paris Index Weightings, Next Group Index Weightings** and Euronext Vigeo Index Weightings***.

^{**} Effective 05 June 2023, the data for the indices included in the new products (see list below) will be excluded from the Next Group Index Weightings product.

^{***} Effective 05 June 2023, the Euronext Vigeo Index Weightings product will be excluded from the Euronext Index Weightings bundle product.

NEW PRODUCTS (TO BE LAUNCHED ON 05 JUNE 2023):

PRODUCT	PRODUCT ID
Euronext World Index Weightings	ENWP
Euronext Developed Market Index Weightings	ENDM
Euronext Asia Pacific 500 Index Weightings	AS500
Euronext Europe 500 Index Weightings	EU500
Euronext Eurozone 300 Index Weightings	EZ300
Euronext North America 500 Index Weightings	NA500
Euronext Positive Impact Water World Index Weightings	PIWWP
Euronext Social Goods and Services World Index Weightings	SGSWP
Euronext Transatlantic Index Weightings	ENTP
Euronext EZ Transatlantic Index Weightings	ENZTP
Euronext Transatlantic 50 EW Index Weightings	EUS5P
Euronext Growth Index Weightings	GROWTH
Euronext Helios Space Index Weightings	HELIOS
Euronext Custom Index Weightings	CUSTOM

6.2 CRYPTO CURRENCY INDICES

6.2.1 Euronext Crypto Indices (product ID: CRYPTO) – Launched On 05 August 2022

Includes all Euronext crypto currency indices

- IDX_EU_CRYPTO_REF_RAW_yyyymmdd
- IDX_EU_CRYPTO_REF_FILTERED_yyyymmdd
- IDX_EU_CRYPTO_REF_PARTITIONS_yyyymmdd
- IDX_EU_CRYPTO_REF_LEVELS_yyyymmdd

7. FTP/SFTP DELIVERY

7.1 FTP/SFTP Server Name

Until 17 June 2023 (date subject to confirmation*), the files are available via FTP:

- Production: ftp.data.euronext.com
- EUA: ftp.eua-data.euronext.com

NOTE: This ftp server will be decommissioned **effective 17 June 2023** (date subject to confirmation*).

Effective 03 April 2023 (date subject to confirmation*), the files are available via SFTP:

- Host: data.prodnr.euronext.cloud
- Port: 22000

Please refer to the Data Shop SFTP Guide (available here) for instructions on how to set up your sftp account.

Note: In each of the directories described in this section, "yyyy" refers to the generation year of the file and "mm" refers to the generation month of the file.

7.2 EQUITY INDICES

■ The most-recent daily files are available on:

/IDX EU <PRODUCT ID> REF REDISTRIBUTOR/CURRENT/

Historical archives (including the most-recent daily file) are available on:

/IDX_EU_<PRODUCT ID>_REF_REDISTRIBUTOR/IDX_EU_<PRODUCT ID>_REF_REDISTRIBUTOR_yyyy/IDX_EU_<PRODUCT ID> _REF_REDISTRIBUTOR_yyyymm

PRODUCT NAME	PRODUCT ID
Euronext Index Weightings bundle *	AMS
	BRU
	LIS
	PAR
	NXTG**
	NXTVIGEO***
Amsterdam Index Weightings	AMS
Brussels Index Weightings	BRU
Lisbon Index Weightings	LIS

^{*} See further information here (under the "NDM to Datashop migration" section)

PRODUCT NAME	PRODUCT ID
Paris Index Weightings	PAR
Next Group Index Weightings**	NXTG
Euronext Vigeo Index Weightings	NXTVIGEO
Dublin Index Weightings	DUB
Oslo Børs Index Weightings	OSL

^{*} The Euronext Index Weightings bundle includes the following products: Amsterdam Index Weightings, Brussels Index Weightings, Lisbon Index Weightings, Paris Index Weightings, Next Group Index Weightings** and Euronext Vigeo Index Weightings***.

NEW PRODUCTS (TO BE LAUNCHED ON 05 JUNE 2023):

■ The most-recent daily files are available on:

/IDX_EU_<PRODUCT ID>_REF/CURRENT/

■ Historical archives (including the most-recent daily file) are available on:

/IDX_EU_<PRODUCT ID>_REF/IDX_EU_<PRODUCT ID>_REF_yyyy/IDX_EU_<PRODUCT ID>_REF_yyyymm

PRODUCT NAME	PRODUCT ID
Euronext World Index Weightings	ENWP
Euronext Developed Market Index Weightings	ENDM
Euronext Asia Pacific 500 Index Weightings	AS500
Euronext Europe 500 Index Weightings	EU500
Euronext Eurozone 300 Index Weightings	EZ300
Euronext North America 500 Index Weightings	NA500
Euronext Positive Impact Water World Index Weightings	PIWWP
Euronext Social Goods and Services World Index Weightings	SGSWP
Euronext Transatlantic Index Weightings	ENTP
Euronext EZ Transatlantic Index Weightings	ENZTP
Euronext Transatlantic 50 EW Index Weightings	EUS5P
Euronext Growth Index Weightings	GROWTH
Euronext Helios Space Index Weightings	HELIOS
Euronext Custom Index Weightings	CUSTOM

^{**} Effective 05 June 2023, the data for the indices included in the new products (see list below) will be excluded from the Next Group Index Weightings product.

^{***} Effective 05 June 2023, the Euronext Vigeo Index Weightings product will be excluded from the Euronext Index Weightings bundle product.

7.3 CRYPTO CURRENCY INDICES

7.3.1 Euronext Crypto Indices (product ID: CRYPTO)

■ The most-recent daily files are available on:

/IDX_EU_CRYPTO_REF/CURRENT/

■ Historical archives (including the most-recent daily file) are available on:

/IDX_EU_CRYPTO_REF/IDX_EU_CRYPTO_REF_yyyy/IDX_EU_CRYPTO_REF_yyyymm

8. EMAIL DELIVERY

Until 17 June 2023 (date subject to confirmation*), the Euronext Index Weightings files are available via email (only for **equity indices**) to one or more e-mail addresses as specified by the customer.

NOTE: This feature will be discontinued **effective 17 June 2023** (date subject to confirmation*).

Effective 03 April 2023 (date subject to confirmation *), the customer may opt to receive an email alert when the files are available for download on the sftp server (see section 7 - FTP/SFTP Delivery) and on https://live.euronext.com/ (see section 9 – HTTPS Delivery).

^{*} See further information here (under the "NDM to Datashop migration" section)

9. HTTPS delivery

Effective 03 April 2023 (date subject to confirmation *), the files may be accessed on https://live.euronext.com/ using the client's credentials.

* See further information here (under the "NDM to Datashop migration" section)

