

Document title

EURONEXT EQUITY INDEX MEMBERSHIP

Document type or subject

CLIENT SPECIFICATION

Revision number Date

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PREFACE

DOCUMENT HISTORY

The following table provides a description of all changes to this document.

VERSION	DATE	CHANGE DESCRIPTION	
NO.	22/04/2012	Initial distribution	
1.0	23/04/2013	Initial distribution	
1.1	19/06/2014	Rebranded with new Euronext Template	
		Contact Information	
1.2	12/09/2014	Updated Euronext Service Operations email address	
1.3	05/12/2014	Changes resulting from migration to new Euronext data delivery infrastructure – Planned for Mon 16 March 2015	
		 Added section 1 – NEW DATA DELIVERY INFRASTRUCTURE Edited section 6 – FTP DIRECTORY STRUCTURE Added section 7 – EMAIL DELIVERY 	
1.4	16/03/2015	Updated Euronext Service Operations telephone number	
		Updated date in section 1.2 Transition Period	
1.5	14/05/2015	Updated Euronext Service Operations email address	
1.6	25/01/2016	Updated Euronext Service Operations telephone number	
		(Effective 01 February 2016) - Updated File Delivery Schedule due to creation of a $2^{\rm nd}$ batch of EOD files	
1.6.1	09/11/2018	Updated Introduction section (integration of Irish Stock Exchange indices on 04 Feb 2019)	
		Removed section 1 – NEW DATA DELIVERY INFRASTRUCTURE	
1.6.2	01/07/2020	(Effective 09 November 2020)	
		Product Name change	
		• The "Euronext Index Membership Product" is renamed as "Euronext Equity Index Membership Product"	
		Data coverage change	
		The data for Oslo Børs equity indices will be included in the product	
1.7	31/01/2023	(Effective 27 February 2023, date subject to confirmation)	
		Two new delivery features will become available:	
		 File delivery via SFTP (see section 5 – "FTP/SFTP DELIVERY") File delivery via HTTPS plus email alerts (see section 7 – "HTTPS Delivery" 	

VERSION NO.	DATE	CHANGE DESCRIPTION
		(Effective 01 May 2023)
		Data repackaging:
		 Data for several indices will be removed from the Euronext Equity Index Membership bundle Product and added to new products. See section 1 – "Introduction"
		(Effective 20 May 2023, data subject to confirmation)
		Two legacy delivery features will be decommissioned:
		 delivery via FTP (see section 5 - "FTP/SFTP DELIVERY") Email delivery from (see section 6 – "EMAIL DELIVERY")

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 Equity Index Membership product provides the full constituent list and identifiers for Euronext indices.

The index membership data is published three times a day in the form of two batches of End of Day (EOD) files and one batch of Next Day (NXTD):

- The EOD files carry index membership data effective on the day the data was published. 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 NXTD files carry index membership data adjusted for changes.

EURONEXT EQUITY INDEX MEMBERSHIP PRODUCTS AVAILABLE

Euronext offers the following Euronext Equity Index Membership products:

- Euronext Equity Index Membership bundle (product ID: ENXT)*
- * Effective 01 May 2023, the data for the indices included in the new products listed hereafter will be excluded from the Euronext Equity Index Membership bundle product.

NEW PRODUCTS TO BE LAUNCHED ON 01 MAY 2023:

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

Please check coverage of each product here (under EOD Index Data section)

2. DELIVERY SCHEDULE

The Index Equity Membership product offers End-of-Day (EOD) and Next Day (NXTD) files according to the following schedule:

PRODUCT NAME	EOD FILES	NXTD FILES
Euronext Equity Index Membership bundle *	1st batch: ~ 19h15 CET	~ 23h30 CET
	2nd batch: ~ 22h30 CET	

^{*} Effective 01 May 2023, the data for the indices included in the new products listed hereafter will be excluded from the Euronext Equity Index Membership bundle product.

NEW PRODUCTS TO BE LAUNCHED ON **01 MAY 2023**:

PRODUCT NAME	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 Membership	1st batch: ~ 19h15 CET	~ 23h30 CET
Euronext Europe 500 Index Weightings	1st batch: ~ 19h15 CET	~ 23h30 CET
Euronext Eurozone 300 Index Weightings	1st batch: ~ 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 Transatlantic 50 EW Index Weightings	1st batch: ~ 19h15 CET 2nd batch: ~ 22h30 CET	~ 23h30 CET
Euronext Growth Index Weightings	1st batch: ~ 19h15 CET	~ 23h30 CET
Euronext Custom Index Weightings	1st batch: ~ 19h15 CET	~ 23h30 CET

PRODUCT NAME	EOD FILES	NXTD FILES
	2nd batch: ~ 22h30 CET	

3. FILE LAYOUTS

3.1 INDEX MEMBERSHIP FILES – EOD & NXTD

Table 1 describes the layout that will be used for the Index Membership files.

Table 1 File Layout –Index Membership File

DATA FIELD	DATA TYPE	FIELD LENGTH / NUMBER OF DECIMALS	DATE MASK	DESCRIPTION
File_Date	Date	10	yyyy-mm-dd	Creation date of the file.
				In the EOD files, the file date is the effective date of the membership data.
				In the NXTD files, the membership data is effective on the following day according to the Euronext indices calculation calendar.
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				The Mnemonic code of the
	Text	6		security
Index_Mnemonic	Text	6		Index mnemonic code
Index_Name	Text	60		Name of the index

4. FILE NAMES

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

- IDX_EU_<PRODUCT>_REF_MEMBERSHIP_EOD_yyyymmdd
- IDX_EU_<PRODUCT>_REF_MEMBERSHIP_NXTD_yyyymmdd

PRODUCT NAME	PRODUCT ID
Euronext Equity Index Membership bundle*	ENXT

^{*} Effective 01 May 2023, the data for the indices included in the new products listed hereafter will be excluded from the Euronext Equity Index Membership bundle product.

NEW PRODUCTS TO BE LAUNCHED ON 01 MAY 2023:

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

5. FTP/SFTP DELIVERY

5.1 FTP/SFTP SERVER NAME

Until 19 May 2023 (date subject to confirmation*), the files are available via FTP:

- Production: <u>ftp.data.euronext.com</u>
- EUA: <u>ftp.eua-data.euronext.com</u>

NOTE: This ftp server will be decommissioned effective 20 May 2023 (date subject to confirmation*)

Effective 27 February 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.

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

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.

5.2 DIRECTORY NAMES

■ The most-recent daily files are available on:

/IDX_EU_<PRODUCT>_REF_MEMBERSHIP/CURRENT/

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

/IDX_EU_<PRODUCT>_REF_MEMBERSHIP/IDX_EU_<PRODUCT>_REF_MEMBERSHIP_yyyy/IDX_EU_<PRODUCT> REF_MEMBERSHIP_yyyymm

PRODUCT NAME	PRODUCT ID
Euronext Equity Index Membership bundle*	ENXT

^{*} Effective 01 May 2023, the data for the indices included in the new products listed hereafter will be excluded from the Euronext Equity Index Membership bundle product.

NEW PRODUCTS TO BE LAUNCHED ON 01 MAY 2023:

PRODUCT NAME	PRODUCT ID
Euronext World Index Membership	ENWP
Euronext Developed Market Index Membership	ENDM

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

6. EMAIL DELIVERY

Until 19 May 2023 (date subject to confirmation*), the Index Membership files are also available via email to one or more e-mail addresses as specified by the customer.

NOTE: This feature will be discontinued effective **20 May 2023** (date subject to confirmation*).

Effective 27 February 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 5 – FTP/SFTP DELIVERY) and on https://live.euronext.com/ (see section 7 – HTTPS Delivery).

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

7. HTTPS DELIVERY

Effective 27 February 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)

