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CASH MARKET NOTICES

Document type or subject

CLIENT SPECIFICATION

Revision number

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Date

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PREFACE

DOCUMENT HISTORY

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

VERSION NO.	DATE	CHANGE DESCRIPTION
1.0	01/10/2015	Initial version
1.1	08/03/2016	Enhancements (Effective 11 March 2016) <ul style="list-style-type: none"> • Ability to save search filter preferences (section 3.5.1) • Enriched email alerts (section 3.7)
1.2	11/10/2016	Enhancements (Effective 14 October 2016) <ul style="list-style-type: none"> • Euronext Corporate Actions Portal's URL change (see page 6) • Watchlist management feature disabled until end 2016 (see page 7)
1.3	02/01/2017	Watchlist management feature disabled until further notice
1.3.1	21/07/2017	BondMatch Notices decommissioned (see page 4)
1.4	15/01/2019	Updated Corporate Actions Portal screenshots
1.4.1	27/09/2019	Updated Euronext Corporate Actions Portal design
1.4.2	01/07/2019	(Effective 01 July 2020) - Euronext London Notices decommissioned
		(Effective 30 November 2020) – Inclusion of Cash market notices for Oslo Børs markets
1.4.3	15/11/2022	(Effective April 2023) - Inclusion of Cash market notices for Borsa Italiana Cash markets

FURTHER INFORMATION

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

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1. INTRODUCTION

The Euronext Cash Market Notices products provide corporate actions, dividend and other notices for Euronext Amsterdam, Euronext Brussels, Euronext Lisbon, Euronext Paris and Oslo Børs-listed securities. Notices for Borsa Italiana markets are planned for April 2022.

The Euronext Cash Market Notices products are available in real time via the new Euronext Corporate Actions Portal - a web-based platform designed to deliver corporate actions notices and other similar content -, and every hour via the Euronext FTP Service.

The Euronext Corporate Actions Portal offers two different levels of subscription to users: the Standard and the Premium.

The following table lists the main differences between the standard and the premium versions of the Euronext Corporate Actions Portal.

STANDARD VERSION	PREMIUM VERSION
<ul style="list-style-type: none"> All the content is available in PDF format Email Alerts available (with no link to the new files) 	<ul style="list-style-type: none"> All the content is available in PDF format Email Alerts available (with links to the new files) FTP delivery available as an add-on service where the content is provided in XLS/XLSX, TXT, XML and PDF formats.

1.1 CASH MARKET NOTICES PRODUCTS AVAILABLE

Euronext offers the following Cash Market Notices products:

- Euronext Cash Market Notices bundle*
- Euronext Amsterdam Cash Market Notices
- Euronext Brussels Cash Market Notices
- Euronext Dublin Cash Market Notices (Product not currently available)
- Euronext Lisbon Cash Market Notices
- ~~Euronext London Cash Market Notices (only available in the Euronext Cash Market Notices bundle)~~
(Decommissioned 01 July 2020)
- Euronext Paris Cash Market Notices
- ~~BondMatch Notices~~ (Decommissioned 21 July 2017)
- Oslo Børs Cash Market Notices (launched 30 November 2020)
- Borsa Italiana Cash Market Notices (planned to be launched in April 2022)

* The Euronext Cash Market Notices bundle product includes the Euronext Amsterdam, Euronext Brussels, Euronext Lisbon and Euronext Paris products listed above

2. DELIVERY SCHEDULE

2.1 EURONEXT CORPORATE ACTIONS PORTAL

The Euronext Cash Market Notices can be created/distributed on trading days according to the Euronext trading calendar. There is no pre-defined schedule for the creation/distribution of these files.

The files are made available on the Euronext Corporate Actions Portal in real time.

2.2 FTP SERVICE

The XLS/XLSX, TXT and XML files are created/distributed every hour from 08h00 CET to 20h00 CET on trading days according to the Euronext trading calendar.

Please see the Euronext Trading Calendar on the following link

<https://live.euronext.com/resources/trading-hours-holidays>.

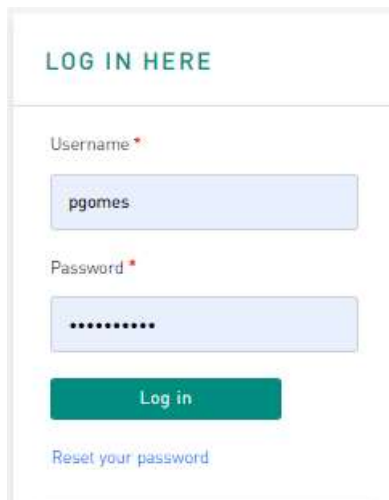
3. ACCESS VIA THE EURONEXT CORPORATE ACTIONS PORTAL

3.1 URL

The Euronext Corporate Actions Portal can be accessed on <https://connect2.euronext.com/en>

3.2 LOG IN

The user should enter his/her email address and password

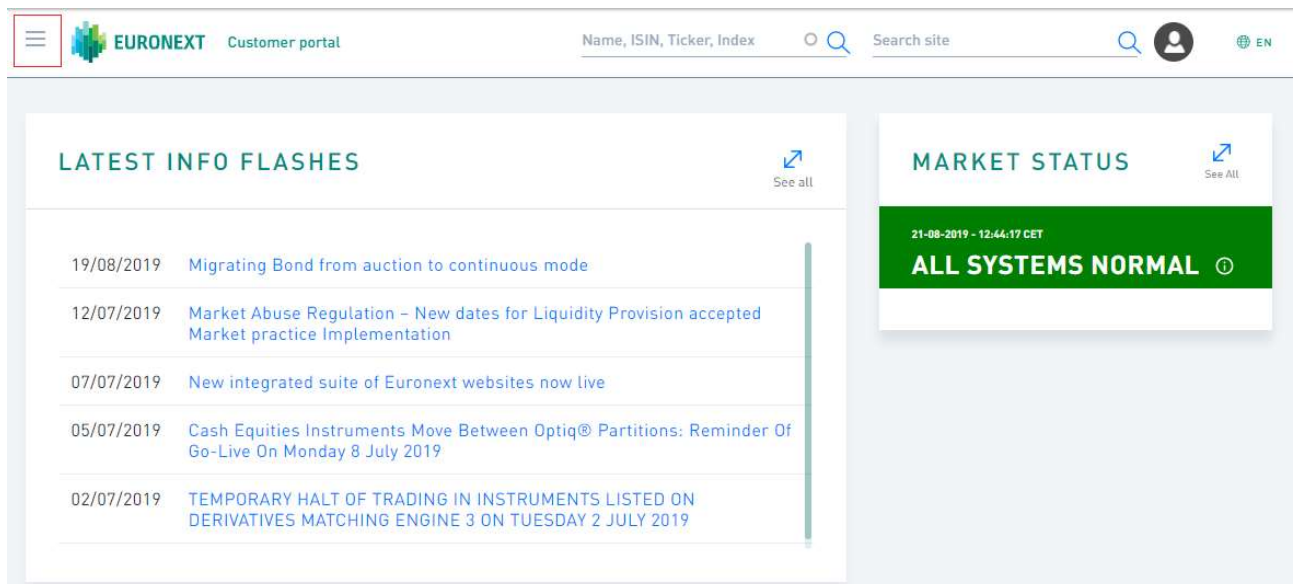


The screenshot shows a login form titled "LOG IN HERE". It contains two input fields: "Username" with the value "pgomes" and "Password" with masked characters "*****". Below the password field is a green "Log in" button and a blue link "Reset your password".

The user can recover his/her password on <https://connect2.euronext.com/en/user/password>.

3.3 HOME PAGE

The user should expand the Menu on top left-hand side of the Home Page.



The screenshot shows the Euronext Corporate Actions Portal home page. The header includes the Euronext logo, "Customer portal", and a search bar. The main content area is divided into two sections: "LATEST INFO FLASHES" and "MARKET STATUS".

LATEST INFO FLASHES

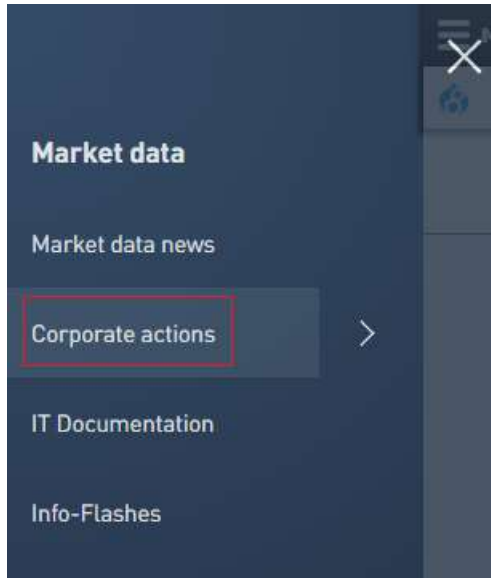
Date	Event
19/08/2019	Migrating Bond from auction to continuous mode
12/07/2019	Market Abuse Regulation – New dates for Liquidity Provision accepted Market practice Implementation
07/07/2019	New integrated suite of Euronext websites now live
05/07/2019	Cash Equities Instruments Move Between Optiq® Partitions: Reminder Of Go-Live On Monday 8 July 2019
02/07/2019	TEMPORARY HALT OF TRADING IN INSTRUMENTS LISTED ON DERIVATIVES MATCHING ENGINE 3 ON TUESDAY 2 JULY 2019

MARKET STATUS

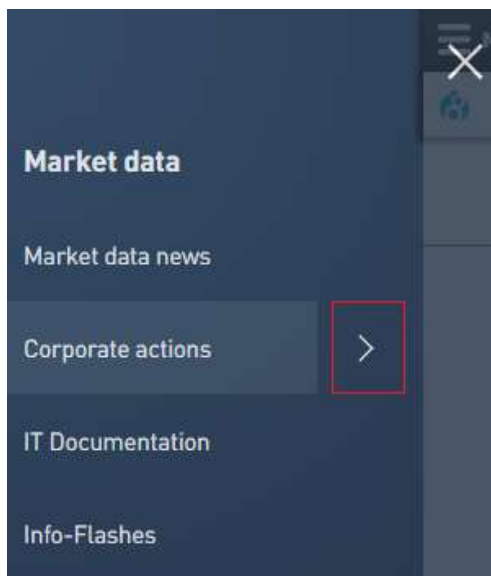
21-08-2019 - 12:44:17 CET
ALL SYSTEMS NORMAL

3.4 MENU

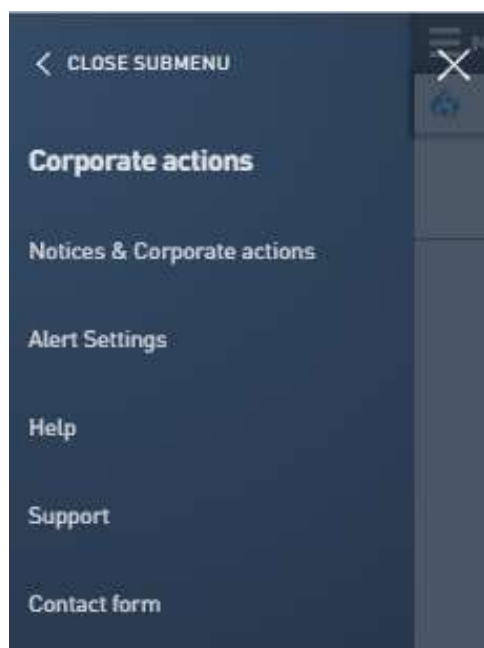
The user may press “Corporate Actions” to access the “Notices and Corporate Actions” page, which is where all the licensed content is available to be accessed.



The user may also expand the “Corporate Actions” item from the Menu to access the different features available on the Corporate Actions Portal.



3.5 CORPORATE ACTIONS SUB-MENU

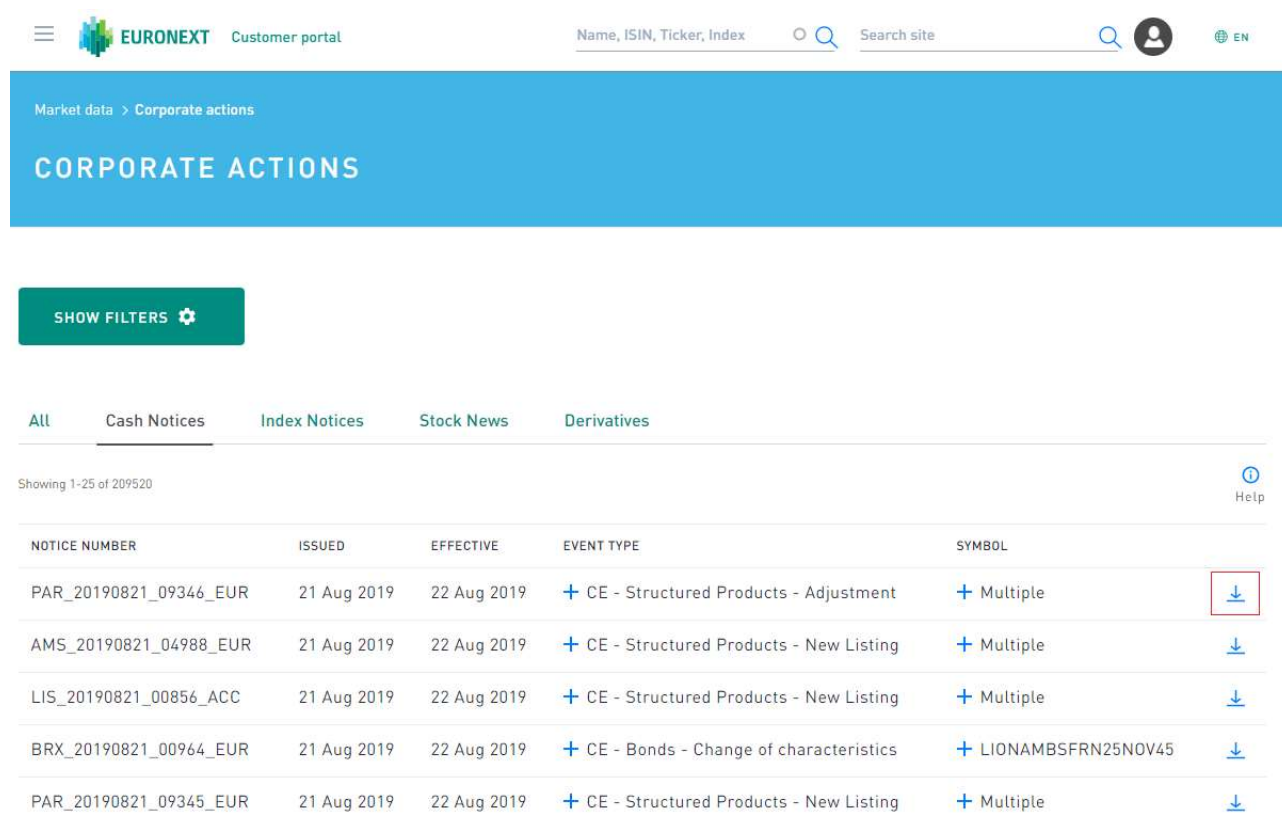


Notices & Corporate Actions	This option routes the user to a page where all data content subscribed by the user is available to be accessed.
Alert Settings	This option routes the user to a page where the user can enable/disable the email alerts and adjust her/his preferences.
Help	This option routes the user to a page where the user can obtain information about the different version of the corporate actions portal and the different data packages that he/she can subscribe to.
Support	This option routes the user to a page where the contact details of all relevant teams at Euronext.
Contact form	This option routes the user to a page where the user can address questions to Euronext related to the subscriptions that he/she has in place and/or any questions related to the content that he/she subscribed to.

3.6 NOTICES & CORPORATE ACTIONS PAGE

The Euronext Corporate Actions Portal presents all notices in the middle section of the Notices & Corporate Actions Page. The user has access only to the content that is included in the product that the he/she subscribed to.

The data files are sorted by publication date in a descending fashion, where the most recent files are presented first.



Market data > Corporate actions

CORPORATE ACTIONS

[SHOW FILTERS](#)

All Cash Notices Index Notices Stock News Derivatives

Showing 1-25 of 209520 [Help](#)

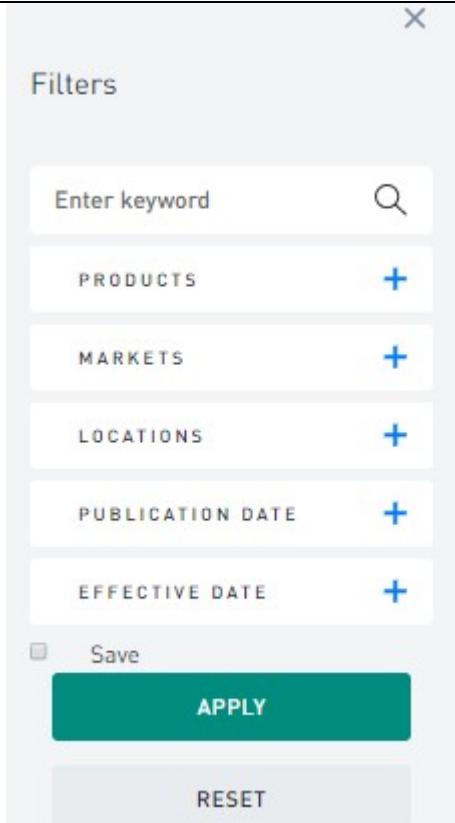
NOTICE NUMBER	ISSUED	EFFECTIVE	EVENT TYPE	SYMBOL	
PAR_20190821_09346_EUR	21 Aug 2019	22 Aug 2019	+ CE - Structured Products - Adjustment	+ Multiple	Download
AMS_20190821_04988_EUR	21 Aug 2019	22 Aug 2019	+ CE - Structured Products - New Listing	+ Multiple	Download
LIS_20190821_00856_ACC	21 Aug 2019	22 Aug 2019	+ CE - Structured Products - New Listing	+ Multiple	Download
BRX_20190821_00964_EUR	21 Aug 2019	22 Aug 2019	+ CE - Bonds - Change of characteristics	+ LIONAMBSFRN25NOV45	Download
PAR_20190821_09345_EUR	21 Aug 2019	22 Aug 2019	+ CE - Structured Products - New Listing	+ Multiple	Download

Notice Number	Identifies the file name
Issued	Identifies to the date when the content was published
Effective	Identifies the effective date of the notice
Event Type	Identifies the type of event that the notices refers to
Symbol	Identifies the instrument(s) that the notices refers to

To read the content of the notices, the user should press the download button on the right-hand side of the page.

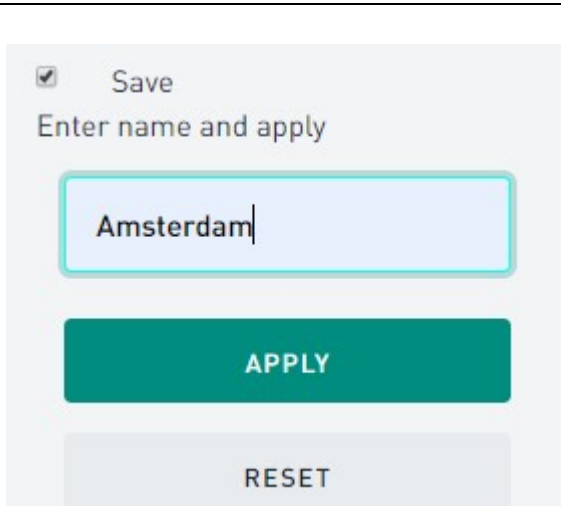
3.6.1 CONTENT SEARCH / SHOW FILTERS

A Content Search feature (Show filters) is available to the user on the top left-hand side of the Notices & Corporate Actions page.

	<p>The content search options available are:</p> <ul style="list-style-type: none"> • Publication date of the notice • Effective date of the notice • Location (e.g. Amsterdam, Brussels, etc) • Market (e.g. Euronext Amsterdam, etc) • Products (e.g. Equity, bond, etc) • Instruments included in the user's watchlists • Text search <p>The Text based search enables the user to search content using the following criteria:</p> <ul style="list-style-type: none"> • the ISIN code or symbol of the instrument • file name • event type
------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

The “Apply” button will run the search using the criteria that the user entered and return the result of the search on the Notices & Corporate Actions page.

Users are able to save up to ten different groups of search filter preferences. This enables users to conveniently run their most frequently used search filter criteria with one single click.

	<ul style="list-style-type: none"> • Each search filter preference group should be given a name. • To run a saved search filter preference group, the user should click on the name of the saved search filter preference group. • To delete a saved search filter preference group, the user should click on (X) sign next to the name of the saved search filter preference group.
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3.7 ALERTS SETTINGS

An email alert feature is available to users of the Euronext Corporate Actions Portal.

There are three types of alerts available :

Notification type

Turn off all buttons below to stop all notifications

☒ **Receive Euronext corporate actions alerts as an End of Day summary**

Select Time to receive end of day alert

20h Europe/Lisbon

☒ **Receive alerts as soon as the notice is available**

☐ **Receive a reminder**

Select Time to receive reminder before the notice effective date

1 day

This setting is activated on next business day

Please note that the user will be notified only of the availability of any new content that is included in the data package that the he/she subscribed to.

IMPORTANT NOTE: Users should be advised that the alert option based on the effective date should be used in conjunction with the end of day and/or the real time alert options. The reason being that not all content files have an effective date.

The user may further customise the alerts that he/she would like to receive based on the following criteria:

Notification scope

Status : Receiving *all alerts* a selection of alerts based on the criteria below

Turn off all criteria below to receive all alerts

☒ **Exclude notices related to Warrants and Certificates**

☐ **Notices associated to the following event type[s]**

Apply

☐ CE - Bonds - Change of characteristics

☐ CE - Bonds - Decrease number of listed bonds

☐ CE - Bonds - Increase number of listed bonds

☐ CE - Bonds - New listing

☐ CE - Bonds - Public offer

☐ CE - Bonds Delisting

☐ CE - Cancellation of orders

☐ CE - Diverse Announcement

☐ CE - Diverse Announcement (SP)

☐ CE - ETF - Change of Characteristics

☐ CE - ETF - Dividend

☐ **Notices associated to the following market[s] / product[s]**

Product :

 +

Location :

Add

SAVE

CANCEL

In order to apply the alert settings, the user should press the “Save Changes” button.

Email Alert templates

The user is notified by email whenever there is any new content available that matches the alert criteria that he/she set up. The email sender is Connectalerts@euronext.com

The email alert template is as follows:

STANDARD VERSION	PREMIUM VERSION																		
<div data-bbox="188 309 737 353">Euronext Corporate Actions Portal</div> <h2 data-bbox="204 371 320 405">New file</h2> <p data-bbox="204 416 705 461">A new file has been made available on the Euronext Corporate Actions Portal.</p> <table data-bbox="204 472 592 546"> <tr> <td>File name</td><td>PAR_20190115_00459_EUR</td></tr> <tr> <td>File/Event Type</td><td>CE - Diverse Announcement (SP)</td></tr> <tr> <td>Issuer</td><td>Multiple issuers</td></tr> <tr> <td>Publication Date</td><td>15 Jan 2019 10:06 CET</td></tr> </table> <p data-bbox="204 580 715 654">The Euronext market data set forth in this email is intended solely for the ordinary user of the e-mail address to which it was addressed. The unauthorised use, disclosure, distribution of this e-mail or any information it contains is prohibited.</p> <div data-bbox="212 672 721 757"> <p>To access the Euronext Corporate Actions Portal, log on to https://connect2.euronext.com/.</p> <p>To unsubscribe from this alert service, please update your profile here.</p> <p>Our Customer Support contact details are available here.</p> </div>	File name	PAR_20190115_00459_EUR	File/Event Type	CE - Diverse Announcement (SP)	Issuer	Multiple issuers	Publication Date	15 Jan 2019 10:06 CET	<div data-bbox="847 309 1406 353">Euronext Corporate Actions Portal</div> <h2 data-bbox="863 371 979 405">New file</h2> <p data-bbox="863 416 1364 461">A new file has been made available on the Euronext Corporate Actions Portal.</p> <table data-bbox="863 472 1251 566"> <tr> <td>File name</td><td>PAR_20190115_00459_EUR</td></tr> <tr> <td>File/Event Type</td><td>CE - Diverse Announcement (SP)</td></tr> <tr> <td>Issuer</td><td>Multiple issuers</td></tr> <tr> <td>Publication Date</td><td>15 Jan 2019 10:06 CET</td></tr> <tr> <td>Links</td><td>PAR_20190115_00459_EUR.pdf</td></tr> </table> <p data-bbox="863 584 1374 658">The Euronext market data set forth in this email is intended solely for the ordinary user of the e-mail address to which it was addressed. The unauthorised use, disclosure, distribution of this e-mail or any information it contains is prohibited.</p> <div data-bbox="871 676 1380 761"> <p>To access the Euronext Corporate Actions Portal, log on to https://connect2.euronext.com/.</p> <p>To unsubscribe from this alert service, please update your profile here.</p> <p>Our Customer Support contact details are available here.</p> </div>	File name	PAR_20190115_00459_EUR	File/Event Type	CE - Diverse Announcement (SP)	Issuer	Multiple issuers	Publication Date	15 Jan 2019 10:06 CET	Links	PAR_20190115_00459_EUR.pdf
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Issuer	Multiple issuers																		
Publication Date	15 Jan 2019 10:06 CET																		
File name	PAR_20190115_00459_EUR																		
File/Event Type	CE - Diverse Announcement (SP)																		
Issuer	Multiple issuers																		
Publication Date	15 Jan 2019 10:06 CET																		
Links	PAR_20190115_00459_EUR.pdf																		

4. FTP Service

Please refer to the clients specifications below for further details:

Euronext Corporate Actions & Dividends*	https://prod.euronext.com/market-data/documentation
Euronext Structured Products Corporate Actions*	
Euronext Dividends*	
Oslo Børs Corporate Actions & Dividend Notices	
Borsa Italiana Corporate Actions & Dividend Notices	

* Data for Euronext Dublin, Oslo Børs and Borsa Italiana are not included in these Products