

Version History

Version History			
Version N.	Author	Date	Changes
V1	Beatrice Piras	May 2023	First draft
V2	Beatrice Piras	September 2023	Update for upcoming announcements (1 January 2024 and 1 April 2024)

Annex II – Template for publishing RCB information

Please find beneath the template instructions for filling in the template.

Legal basis	Contents
<p><i>Article 89(2)(a) of Delegated Regulation (EU) No 2017/565 and Article 11(2)(a) of Delegated Regulation (EU) No 2017/567</i></p>	<p style="text-align: center;">Price List: year 2022</p> <p>Euronext Market Data Website (All contractual documents, FAQs, MiFID publication and archive): https://connect2.euronext.com/data/market-data-agreements</p> <p>Information Product Fee Schedule – effective 1 January 2022 https://connect2.euronext.com/sites/default/files/documentation/data/Final%20-%20Information%20Product%20Fee%20Schedule%20%28effective%201%20January%202022%29_0.pdf</p> <p>Information Product Fee Schedule – effective 1 June 2022 https://connect2.euronext.com/sites/default/files/documentation/data/For%20Publication%20-%20Information%20Product%20Fee%20Schedule%20%28effective%206%20June%202022%29.pdf</p> <p>Information Product Fee Schedule (and relative annex document) – effective 1 January 2023: https://connect2.euronext.com/sites/default/files/documentation/data/Information%20Product%20Fee%20Schedule%20%28effective%201%20January%202023%29%20V11.4.pdf</p> <p>https://connect2.euronext.com/sites/default/files/documentation/data/Information%20Product%20Schedule%20%28effective%201%20January%202023%29.pdf</p> <p>Other contractual terms and conditions for the provision of market data are outlined in the following Euronext’s market data licensing agreements:</p> <ul style="list-style-type: none"> • Euronext Market Data Agreement (EMDA) https://connect2.euronext.com/sites/default/files/documentation/data/For%20Publication%20-%20EMDA%20General%20Terms%20and%20Conditions%20and%20Policies%20%28effective%206%20June%202022%29.pdf • Euronext Datafeed Subscriber Agreement (EDSA) https://connect2.euronext.com/sites/default/files/documentation/data/Final%20-%20EDSA%20General%20Terms%20and%20Conditions%20and%20Policies%20%28effective%201%20January%202022%29.pdf <p>All announced changes to the Price Lists and related circulars which explain amendments and changes of the price and product structure are available in the Announcements section at: https://connect2.euronext.com/data/market-data-agreements</p>
<p><i>Article 89(2)(b) of Delegated Regulation (EU) No 2017/565 and Article 11(2)(b) of Delegated Regulation (EU) No 2017/567</i></p>	<p>Euronext applies advance disclosure with a minimum of 120 days’ notice of future price changes by registered e-mail. Furthermore, Euronext will also make the announcement and updated Information Product Fee Schedule available at https://connect2.euronext.com/data/market-data-agreements which is open to everyone.</p> <p>Euronext’s price list, which entered into force on 1 August 2023, is available at https://connect2.euronext.com/sites/default/files/documentation/data/Product%20Fee%20Schedule%20%28effective%201%20April%202023%29%20-%20V12.4.pdf</p> <p>Euronext’s price list, which will enter into force on 1 January 2024, is available at https://connect2.euronext.com/sites/default/files/documentation/data/Product%20Fee%20Schedule%20%28effective%201%20January%202024%29.pdf</p>

Article 89(2)(c)(i-iii) of Delegated Regulation (EU) No 2017/565 and Article 11(2)(c)(i-iii) of Delegated Regulation (EU) No 2017/567

Market Data Content Information

Period covered: 01/01/2022 - 31/12/2022

<u>Asset Class</u>	1) Number of instruments covered	2) Total turnover of instruments covered¹	3) Pre-trade/post-trade market data ratio
Euronext Equity instruments (shares, ETFs, DRs, certificates, other equity-like financial instruments)	137,544	11,627,092,939	931
Euronext Bonds	8,156	247,485,159	3,789
ETCs ETNs	-	-	-
SFPs	-	-	-
Securitised derivatives	-	-	-
Interest Rate Derivatives	-	-	-
Credit Derivatives	-	-	-
Euronext Equity derivatives	160,085	16,782,424,217	6,728
FX derivatives	-	-	-
Emission allowances derivatives	-	-	-
C10 derivatives	-	-	-

¹ Average daily turnover of instruments covered, in EUR.

	Euronext Commodity derivatives	6,722	1,517,517,228	8
	CFDs	-	-	-
	Emission allowances	-	-	-
	Euronext APA Trades	378	40,324,473,325	N/A
	Euronext APA Quotes	378	N/A	N/A
<p>Article 89(2)(c)(iv) of Delegated Regulation (EU) No 2017/565 and Article 11(2)(c)(iv) of Delegated Regulation (EU) No 2017/567</p>	<p>Information on any data provided in addition to market data</p>	<p>A core business of Euronext Advanced Data Services is making available trading data, index data, reference data and analytics to clients worldwide. Market participants subscribe to this information, or license it, for their own use, processing or further dissemination it (e.g. redistribution).</p> <p>Real-Time Market Data is one of the business areas of Advanced Data Services, which is providing real-time transparency and distribution services for Euronext's trading venues (TVs) and approved publication arrangement (APA). As such, the real-time market data business area mainly involves the distribution of licenses for real-time trading data and index data. The most important products in this respect are trading data from our pan-European cash and derivatives markets.</p> <p>MiFIR/MiFID applies to certain data products made available by Euronext. Below is a list of all relevant products affected by the new transparency regime under MiFIR/MiFID, provided by Euronext.</p> <p>Euronext Continental Cash (Consolidated Pack)¹, including:</p> <ul style="list-style-type: none"> • Euronext Continental Equities¹ • Euronext Best of Book³ • Euronext Block² • Euronext ETFs and Funds¹ • Euronext Warrants and Certificates¹ • Euronext Fixed Income¹ <p>Euronext Dublin Equities¹ Oslo Børs Equities¹ Euronext Equity and Index Derivatives¹ Euronext Commodity Derivatives¹ Euronext APA Trades² Euronext APA Quotes³</p> <p>¹ Pre-and post-trade data, ² Post-trade data, ³ Pre-trade data</p> <p>More comprehensive information on real-time market data products and the respective licensing agreements including a fully transparent overview on pricing is available via our website: euronext.com/en/data/market-data</p> <p>Other market data products sold by Euronext that do not fall under the scope of MiFIR/MiFID include:</p> <ul style="list-style-type: none"> ▪ Index Data (e.g. real-time index levels, index weightings) ▪ Corporate Actions and Notices ▪ Reference Data ▪ Euronext Dublin Bond and Fund Feed 		

		<ul style="list-style-type: none"> ▪ Master Files ▪ Historic Data ▪ Market Flow
Article 89(2)(c)(v) of Delegated Regulation (EU) No 2017/565 and Article 11(2)(c)(v) of Delegated Regulation (EU) No 2017/567	Date of the last licence fee adaption for market data provided	Announcement: 31 August 2023 Effective Date: 1 January 2024 and 1 April 2024
Article 89(2)(d) of Delegated Regulation (EU) No 2017/565 and Article 11(2)(d) of Delegated Regulation (EU) No 2017/567	Total Market Data Revenues (EUR) Market Data Revenues as a proportion of total Revenues (%)	The total Market data Revenues (Euro) and the Market Data Revenues as a Proportion of Total Revenues of Euronext are outlined in the Annex II.I at the end of this document.

Article 89(2)(e) of Delegated Regulation (EU) No 2017/565 and Article 11(2)(e) of Delegated Regulation (EU) No 2017/567	Information on cost accounting methodology: year 2022	
	Information on how the price was set, including the cost accounting methodologies used and information about the specific principles according to which direct and variable joint costs are allocated and fixed joint costs are apportioned	<p>Real Time Market Data produces and disseminates the market data on behalf of the trading venues and APAs subject to MiFIR/MiFID requirements. Euronext acts as a producer and distributor of market data. Our real-time market data distribution is outsourced to ICE Data Services. The costs for each market data product consist of standard directly attributable costs and indirect costs.</p> <p>Determination of Costs</p> <p>1. Cost Determination Based Upon IFRS standards Costs are determined based upon the figures evaluated in light of Euronext's financial statements which are prepared and presented in accordance with International Financial Reporting Standards ("IFRS"), issued by the International Accounting Standards Board ("IASB") and adopted by the European Union, and with Part 9, Book 2 of the Dutch Civil Code, as far as applicable.</p> <p>2. Cost Accounting Methodology Applied for Market Data Prices for the relevant data packages are generally being defined based on costs as laid out below, and the value of the data to various customer groups, including the content of the data and packages. Euronext aims to distribute costs fairly over various user groups. The following cost types have been identified by Euronext:</p> <ul style="list-style-type: none"> i. Direct costs are defined as costs for distribution and administration of market data products to Euronext's clients and other market participants, i.e. costs that are directly attributable to the market data activity (and only to the market data activity). ii. Costs that are directly attributable to other revenue generating activities (and that do not contribute to

market data revenues) are not allocated to Market Data at all.

- iii. Joint Costs arise when multiple products/services are necessarily produced together in fixed proportion, which means these costs are incurred simultaneously and cannot be attributed to an individual product or service. In this specific case they are defined as costs for operation of the trading systems, which are responsible for exchange trading, price formation and data generation.
- iv. Common costs are shared by different services even if they are produced separately. Common costs are defined as all group central functions costs, and all other residual costs which do not form part of Joint or Direct costs, which consists of costs including, but not limited to, costs incurred in group support functions.

3. Cost Allocation Principles and Allocation Keys

The following cost allocation principles apply to the cost types mentioned above:

- i. Direct costs: These have been identified through the avoidable costs test. These costs have been determined as the costs that would be avoided if Euronext were to cease the supply of market data services.
- ii. Joint costs: Market data being the joint product of trading activity, joint costs are being shared, through the application of equi-repartition method (50% / 50%), between market data business and trade execution business of Euronext Group.
- iii. Common costs: These costs are allocated within all business lines of Euronext Group. For allocation of these costs, an input-based cost allocation method is being used where feasible. For cost categories where this approach is not possible, EPMU (Equi-Proportional Mark-Up) method is being applied to allocate a proportion of Euronext's common costs to market data services.

Instructions for filling in the template:

1) Reporting period

Information should be reported for a full period of 12 months except for the first reporting period where the period may be shorter or longer.

2) Number of instruments

The Average number of reporting or tradable instruments for the period covered should be provided. For derivatives, the average number of contracts should be considered.

3) Total turnover of instruments covered

For the calculation, the Average of the Daily Total Turnover should be considered and provided. The volume measure should be confirming table 4 of Annex II of RTS 2 for bonds instruments.

4) Pre trade/post trade market data ratio

Market data providers should calculate and publish the ratio of orders per transactions. Orders should include all input messages published in accordance with Articles 3, 4, 8, 9, 14 and 18 of MiFIR and including messages on submission, modification and cancellation sent to the trading system of a trading venue, relating to an order or a quote. However, these should exclude cancellation messages sent subsequently to: (i) uncrossing in an auction; (ii) a loss of venue connectivity; (iii) the use of a kill functionality. Transactions should mean a totally or partially executed order subject to the requirements under Articles 6, 7, 10, 11, 20 and 21 of MiFIR. The number of unexecuted orders should be calculated taking into account all phases of the trading session, including the auctions. Please note that SIs and APAs do not have to disclose the pre-trade/post-trade data ratio. SIs do not have to provide information on fees for post-trade market data and APAs do not have to provide their fees for pre-trade market data.

Annex II.I - Euronext Total Market data Revenues (Euro) and Market Data Revenues as a Proportion of Total Revenues

Operation Mic	Total Market Data Revenues ¹ (million EUR)	Market Data Revenues as a Proportion of Total Revenues ² (%)
Euronext Amsterdam: XAMS	29,8	16,63%
Euronext Brussels: XBRU	5,1	16,18%
Euronext Dublin: XDUB	5,8	14,59%
Euronext Lisbon: XLIS	1,5	14,63%
Euronext Oslo: XOSL	13,1	13,93%
Euronext Paris: XPAR	51,7	13,97%
Euronext APA: XAPA	0,2	22,00%

¹ Total market data revenue per Operating Mic and only includes products traded on this Operating Mic. This number is rounded.

² Total market data revenue in % as a proportion of the total revenues of the Operating Mic. This number is rounded.