

Euronext announces volumes for December 2019

CONTACT - Media: CONTACT - Investor Relations:

Amsterdam +31.20.721.4133 Brussels+32.2.620.15.50 +33.1.70.48.24.27

Dublin +353 1 617 4221 Lisbon +351.210.600.614 Paris +33.1.70.48.24.45 Oslo +47.22.34.17.40

EURONEXT ANNOUNCES VOLUMES FOR DECEMBER 2019

Amsterdam, Brussels, Dublin, Lisbon, London, Oslo and Paris – 8 January 2020 – Euronext, the leading pan-European exchange in the Eurozone, today announced trading volumes for December 2019. Following the completion of the acquisition of Oslo Børs VPS, below figures include all Oslo activity from July 2019 ¹ (of which Fishpool in future commodity and OTC derivatives designated as Taylor Made).

"Cash trading

In December 2019, the average daily transaction value on the Euronext cash order book stood at €8,351 million, down -3.6% compared to December 2018 and up +1.5% from the previous month.

The average daily transaction value on the ETF order book was €208 million, down -21% compared to December 2018 and up +8% from the previous month. At the end of December 2019, 1,240 ETFs were listed on Euronext compared to 1,150 at the end of December 2018.

For the year 2019, the average daily transaction value on the Euronext cash order book stood at €8,192.5 million (-9.3% compared to the year 2018).

"Derivatives trading

In December 2019, the overall average daily volume on derivatives reached 618,023 contracts, down -11.6% compared to December 2018 and up +13.5% compared to the previous month. In detail:

- n the average daily volume on equity index derivatives reached 253,493 contracts, down -17.2% compared to December 2018 and up 20% from the previous month.
- the average daily volume on individual equity derivatives reached 300,535 contracts, down -12.9% compared to December 2018 and up +9.8% from the previous month,
- n the average daily volume on commodity derivatives reached 46,516 contracts, up +21.9% compared to December 2018 and down 17.0% from the previous month,
- n the average daily volume on Taylor-Made derivatives reached 17,479 contracts, up +75.6% compared to December 2018 and up +386.8% from the previous month.

Year-to-date, the overall average daily volume on Euronext derivatives stood at 596,374 contracts (-4.2% compared to 2018 YTD) and the open interest was at 15,254,071 contracts (-0.4% compared to the end of December 2018).

"FX spot trading

In December 2019, the average daily volume on the spot foreign exchange market of Euronext FX stood at \$15,857 million, down -17.0% compared to December 2018 and up +6.3% from the previous month.

For the year 2019, the average daily volume on the spot foreign exchange market of Euronext FX stood at \$18,282 million (-9.2% compared to the year 2018).

"Listings

In December 2019, Euronext had four new listing of which Mare Nostrum on Euronext Growth that all together raised €8 million. In addition, €3.6 billion was raised in follow-on equity. A total of €92.6 billion was raised on Euronext in bonds of which €1,740 million of green bonds from BNP Paribas (€750 million), BPCE (€500 million), CNP Assurances (€250 million) and Nexity (€240 million).

CONTACTS -

Media

Pauline Bucaille +33 1 70 48 24 41; pbucaille@euronext.com

Analysts & investors

About Euronext

Euronext is the leading pan-European exchange, covering Belgium, France, Ireland, The Netherlands, Norway, Portugal and the UK. With close to 1,500 listed issuers worth €4.5 trillion in market capitalisation as of end December 2019, Euronext has an unmatched blue chip franchise that includes 26 issuers in the Morningstar® Eurozone 50 IndexSM and a strong diverse domestic and international client base. Euronext operates regulated and transparent equity and derivatives markets and is the largest centre for debt and funds listings in the world. Its total product offering includes Equities, FX, Exchange Traded Funds, Warrants & Certificates, Bonds, Derivatives, Commodities and Indices. Euronext also leverages its expertise in running markets by providing technology and managed services to third parties. In addition to its main regulated market, Euronext also operates Euronext GrowthTM and Euronext AccessTM, simplifying access to listing for SMEs. The Norwegian stock exchange and its clearing & settlement subsidiary, together operating as Oslo Børs VPS, joined Euronext on 17 June 2019.

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European Cash Market Monthly Activity

	Dec- 19	Nov- 19	Dec- 18	Q4 2019	Q4 2018	YTD 2019	YTD 2018
Nb trading days	20	21	19	64	64	255	255

NUMBER OF TRANSACTIONS (Buy and sells) (reported trades included)

	Dec- 19	Nov- 19	Change % MOM	Dec- 18	Change % YOY	Q4 2019	Q4 2018	Change %	YTD 2019	YTD 2018	Change % YTD
Total Cash	•		_	•	-		•	-	•	•	-
Market 1	35,742,356	640,218,002	211.1%	39,794,802	210.2%	123,493,49	4 141,728,32	812.9%	482,505,72	8 532,936,62	29.5%
ADV Cash			-		_			_			-
Market 1	1,787,118	1,915,143	6.7%	2,094,463	14.7%	1,929,586	2,214,505	12.9%	1,892,179	2,089,948	9.5%

TRANSACTION VALUE (€ million - Single counted)

Eur million	Dec- 19	Nov- 19	Change % MOM	Dec- 18	Change % YOY	Q4 2019	Q4 2018	Change %	YTD 2019	YTD 2018	Change % YTD
Total Cash			_	•				-			_
Market 1	167,033.8	172,859.8	3.4%	164,607.9	1.5%	537,073	577,652	7.0%	2,089,090.9	2,303,549.5	9.3%
ADV Cash	•		•		_			_			_
Market ¹	8,351.7	8,231.4	1.5%	8,663.6	3.6%	8,392	9,026	7.0%	8,192.5	9,033.5	9.3%

Number of Issuers on Equities	Dec- 19	Nov- 19	Change % MOM	Dec- 18	Change % YOY	December 2018	Change %
EURONEXT	-						
2	1,465	1,471	0.4%	1,497	2.1%	1497	-2.1%
SMEs	1,008	1,018	- 1.0%	1,044	3.4%	1044	-3.4%
Number of Listed Securities							
Bonds	47,544	47,021	1.1%	42,632	11.5%	42,632	11.5%
ETFs	1,240	1,253	1.0%	1,154	7.5%	1,154	7.5%
Funds	6,190	6,188	0.0%	6,641	6.8%	6,641	-6.8%

EURONEXT

CAPITAL RAISED on Equities on Primary and Secondary Market

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(mIn of €)	Dec- 19	Nov- 19	Change % MOM	Dec- 18	Change % YOY	Q4 2019	Q4 2018	Change %	YTD 2019	YTD 2018	Change % YTD
Nb New											
Listings	4	5		4		15	14		46	64	
Money Raised New Listings incl over											
allotment	8	2,015	99.6%	9	7.4%	3,341	1,396	139.4%	5,112	4,960	3.1%
of which Money Raised New			_		_			•			
Listings	8	1,788	99.6%	9	7.4%	3,030	1,325	128.6%	4,752	4,738	0.3%
Follow-ons on Equities	3,639	1,677	117.0%	11,827	- 69.2%	8,230	36,045	- 77.2%	34,152	64,155	- 46.8%
Bonds	92,580	114,103	- 18.9%	94,912	- 2.5%	313,211	314,417	- 0.4%	1,242,067	1,008,408	23.2%
Total Money Raised ³	96,227	117,795	- 18.3%	106,748	9.9%	324,782	351,858	- 7.7%	1,281,330	1,077,523	18.9%
		•		•			•			•	

of which SMEs

CAPITAL RAISED on Equities on Primary and Secondary Market

	•	-	Chango		Change		•			•	Change
(mln of €)	Dec- 19	Nov- 19	Change % MOM	Dec- 18	% YOY	Q4 2019	Q4 2018	Change %	YTD 2019	YTD 2018	% YTD
Nb New		•					•	•		•	•
Listings	3	4		4		12	12		39	57	
Money Raised New Listings incl over allotment	8	189	- 95.8%	9	- 7.4%	553	124	347.3%	977	1,264	- 22.7%
of which										•	
Money											
Raised New			-		-						-
Listings	8	188	95.7%	9	7.4%	541	122	343.3%	951	1,232	22.8%
Follow-ons					-		-	-			
on Equities	1,012	83	1125.7%	378	167.7%	2,092	1,370	52.8%	5,536	5,413	2.3%
			_				•				-
Bonds	75	250	70.0%	17	346.2%	540	388	39.3%	1,010	1,048	3.6%
Total Money		•			•		•			•	_
Raised ³	1,095	521	109.9%	403	171.4%	3,185	1,881	69.3%	7,523	7,725	2.6%

¹ Shares, warrants, ETFs, bonds...

European Derivatives Market Monthly Activity

ADV (in lots)

Change

Alle due dies er	Dec-19	Nov-19		Dec-18	Q4 2019	Q4 2018		YTD 2019	YTD 2018	
Nb trading days	20	21		19	64	64		255	255	
Volume (in lots)										
	Dec-19	Nov-19	Change % MOM	Dec-18	Change % YOY Q4 2019	Q4 2018	Change	Jan 2019 till Dec 2019	Jan 2018 till Dec 2018	Change % YTD
Equity	11,080,562	10,185,785	8.8%	12,373,630	-10.5% 33,583,411	37,804,598	11.2%	136,623,161	141,184,078	3.2%
Index	5,069,856	4,436,300	14.3%	5,816,461	-12.8% 15,227,136	17,719,111	- 14.1%	61,340,160	62,575,207	-2.0%
Futures	3,414,960	2,995,519	14.0%	3,962,009	-13.8% 10,352,272	11,998,775	13.7%	42,551,679	42,608,909	-0.1%
Options	1,654,896	1,440,781	14.9%	1,854,452	-10.8% 4,874,864	5,720,336	14.8%	18,788,481	19,966,298	-5.9%
Individual Equity	6,010,706	5,749,485	4.5%	6,557,169	-8.3% 18,356,275	20,085,487	-8.6%	75,283,001	78,608,871	-4.2%
Futures	1,175,139	182,492	>500%	571,095	105.8% 2,059,535	761,302	170.5%	5,117,843	1,807,309	183.2%
Options	4,835,567	5,566,993	13.1%	5,986,074	-19.2% 16,296,740	19,324,185	15.7%	70,165,158	76,801,562	-8.6%
Commodity	930,310	1,177,192	- 21.0%	725,211	28.3% 3,468,381	2,899,002	19.6%	13,572,084	14,643,125	-7.3%
Futures	875,488	1,139,022	23.1%	685,961	27.6% 3,314,857	2,771,552	19.6%	12,704,393	13,495,062	-5.9%
Options	54,822	38,170	43.6%	39,250	39.7% 153,524	127,450	20.5%	867,691	1,148,063	24.4%
TM										-
Derivatives	349,581	75,400	363.6%	189,118	84.8% 645,911	365,130	76.9%	1,880,082	2,918,474	35.6%
Futures	349,581	75,300	364.3%	189,118	84.8% 645,811	363,760	77.5%	1,878,512	2,916,204	35.6%
Options	0	100		0	100	1,370	92.7%	1,570	2,270	30.8%
Total Futures	5 815 168	4,392,333	32 4%	5 408 183	7.5% 16,372,475	15 895 380	3.0%	62 252 427	60 827 484	2.3%
Total Options		7,046,044			-16.9% 21,325,228		-			-8.3%
Total Euronext	12,360,453	11,438,377	8.1%	13,287,959	-7.0% 37,697,703	41,068,730	-8.2%	152,075,327	158,745,677	-4.2%

Jan 2019

Jan 2018

Change

² Euronext, Euronext Growth and Euronext Access

 $^{^3}$ Included New Listings incl over allotment, Follow-ons on Equities, Corporate Bonds on Euronext Listed Issuers

⁴ Since February 2019, those figures include Euronext Access to fully reflect the listing dynamics on Euronext markets. Are considered as SMEs companies with a market cap on Jan 1st or on 1st day of Listing below €1bn. Comparable data has been restated R: Revised

Dec-19	Nov-19	% MOM	Dec-18	Change % YOY Q4 2019	Q4 2018	Change %	till Dec 2019	till Dec 2018	% YTD
554,028	485,037	14.2%	651,244	-14.9% <i>524,741</i>	590,697	- 11.2%	535,777	553,663	-3.2%
253,493	211,252	20.0%	306,130	-17.2% 237,924	276,861	- 14.1%	240,550	245,393	-2.0%
170,748	142,644	19.7%	208,527	-18.1% 161,754	187,481	13.7%	166,869	167,094	-0.1%
82,745	68,609	20.6%	97,603	-15.2% 76,170	89,380	14.8%	73,680	78,299	-5.9%
300,535	273,785	9.8%	345,114	-12.9% 286,817	313,836	-8.6%	295,227	308,270	-4.2%
58,757	8,690	>500%	30,058	95.5% 32,180	11,895	170.5%	20,070	7,087	183.2%
241,778	265,095	-8.8%	315,057	-23.3% 254,637	301,940	15.7%	275,157	301,183	-8.6%
46,516	56,057	- 17.0%	38,169	21.9% 54,193	45,297	19.6%	53,224	57,424	-7.3%
43,774	54,239	- 19.3%	36,103	21.2% 51,795	43,306	19.6%	49,821	52,922	-5.9%
2,741	1,818	50.8%	2,066	32.7% 2,399	1,991	20.5%	3,403	4,502	24.4%
17,479	3,590	386.8%	9,954	75.6% 10,092	5,705	76.9%	7,373	11,445	- 35.6%
17,479	3,586	387.5%	9,954	75.6% 10,091	5,684	77.5%	7,367	11,436	- 35.6%
0	5		0	2	21	92.7%	6	9	30.8%
290,758	209,159	39.0%	284,641	2.1% 255,820	248,365	3.0%	244,127	238,539	2.3%
327,264	335,526	-2.5%	414,725	-21.1% 333,207	393,333	- 15.3%	352,247	383,993	-8.3%
618,023	544,685	13.5%	699,366	-11.6% 589,027	641,699	-8.2%	596,374	622,532	-4.2%
	253,493 170,748 82,745 300,535 58,757 241,778 46,516 43,774 2,741 17,479 0 17,479 0 290,758 327,264	554,028 485,037 253,493 211,252 170,748 142,644 82,745 68,609 300,535 273,785 58,757 8,690 241,778 265,095 46,516 56,057 43,774 54,239 2,741 1,818 17,479 3,590 17,479 3,586 0 5 290,758 209,159 327,264 335,526	Dec-19 Nov-19 MOM 554,028 485,037 14.2% 253,493 211,252 20.0% 170,748 142,644 19.7% 82,745 68,609 20.6% 300,535 273,785 9.8% 58,757 8,690 >500% 241,778 265,095 -8.8% 46,516 56,057 17.0% 43,774 54,239 19.3% 2,741 1,818 50.8% 17,479 3,590 386.8% 17,479 3,586 387.5% 0 5 - 290,758 209,159 39.0% 327,264 335,526 -2.5%	Dec-19 Nov-19 MOM Dec-18 554,028 485,037 14.2% 651,244 253,493 211,252 20.0% 306,130 170,748 142,644 19.7% 208,527 82,745 68,609 20.6% 97,603 300,535 273,785 9.8% 345,114 58,757 8,690 >500% 30,058 241,778 265,095 -8.8% 315,057 46,516 56,057 17.0% 38,169 43,774 54,239 19.3% 36,103 2,741 1,818 50.8% 2,066 17,479 3,590 386.8% 9,954 17,479 3,586 387.5% 9,954 0 5 0 290,758 209,159 39.0% 284,641 327,264 335,526 -2.5% 414,725	Dec-19 Nov-19 MOM Dec-18 % YOY Q4 2019 554,028 485,037 14.2% 651,244 -14.9% 524,741 253,493 211,252 20.0% 306,130 -17.2% 237,924 170,748 142,644 19.7% 208,527 -18.1% 161,754 82,745 68,609 20.6% 97,603 -15.2% 76,170 300,535 273,785 9.8% 345,114 -12.9% 286,817 58,757 8,690 >500% 30,058 95.5% 32,180 241,778 265,095 -8.8% 315,057 -23.3% 254,637 46,516 56,057 17.0% 38,169 21.9% 54,193 43,774 54,239 19.3% 36,103 21.2% 51,795 2,741 1,818 50.8% 2,066 32.7% 2,399 17,479 3,590 386.8% 9,954 75.6% 10,092 17,479 3,586 387.5% 9,954 75.6% 10,091 0 5 0 2 290,758 209,159 39.0% 284,641 2.1% 255,820 <td>Dec-19 Nov-19 MOM Dec-18 % YOY Q4 2019 Q4 2018 554,028 485,037 14.2% 651,244 -14.9% 524,741 590,697 253,493 211,252 20.0% 306,130 -17.2% 237,924 276,861 170,748 142,644 19.7% 208,527 -18.1% 161,754 187,481 82,745 68,609 20.6% 97,603 -15.2% 76,170 89,380 300,535 273,785 9.8% 345,114 -12.9% 286,817 313,836 58,757 8,690 >500% 30,058 95.5% 32,180 11,895 241,778 265,095 -8.8% 315,057 -23.3% 254,637 301,940 46,516 56,057 17.0% 38,169 21.9% 54,193 45,297 43,774 54,239 19.3% 36,103 21.2% 51,795 43,306 2,741 1,818 50.8% 2,066 32.7% 2,399 1,991 17,479 3,586<td>Dec-19 Nov-19 MOM Dec-18 % YOY Q4 2019 Q4 2018 % 554,028 485,037 14.2% 651,244 -14.9% 524,741 590,697 11.2% 253,493 211,252 20.0% 306,130 -17.2% 237,924 276,861 14.1% 170,748 142,644 19.7% 208,527 -18.1% 161,754 187,481 13.7% 82,745 68,609 20.6% 97,603 -15.2% 76,170 89,380 14.8% 300,535 273,785 9.8% 345,114 -12.9% 286,817 313,836 -8.6% 58,757 8,690 >500% 30,058 95.5% 32,180 11.895 170.5% 241,778 265,095 -8.8% 315,057 -23.3% 254,637 301,940 15.7% 43,774 54,239 19.3% 36,103 21.9% 54,193 45,297 19.6% 17,479 3,590 386.8% 9,954 75.6% 10,092 5,705 76.9% 17,4</td><td>Dec-19 Nov-19 MOM Dec-18 % YOY Q4 2019 Q4 2018 % 2019 554,028 485,037 14.2% 651,244 -14.9% 524,741 590,697 11.2% 535,777 253,493 211,252 20.0% 306,130 -17.2% 237,924 276,861 14.1% 240,550 170,748 142,644 19.7% 208,527 -18.1% 161,754 187,481 13.7% 166,869 82,745 68,609 20.6% 97,603 -15.2% 76,170 89,380 14.8% 73,680 300,535 273,785 9.8% 345,114 -12.9% 286,817 313,836 -8.6% 295,227 58,757 8,690 >500% 30,058 95.5% 32,180 11,895 170.5% 20,070 241,778 265,095 -8.8% 315,057 -23.3% 254,637 301,940 15.7% 275,157 46,516 56,057 17.0% 38,169 21.9% 54,193 45,297 19.6% 49,821 2,741 1</td><td>Dec-19 Nov-19 MOM Dec-18 % YOY Q4 2019 Q4 2018 % 2019 2018 554,028 485,037 14.2% 651,244 -14.9% 524,741 590,697 11.2% 535,777 553,663 253,493 211,252 20.0% 306,130 -17.2% 237,924 276,861 14.1% 240,550 245,393 170,748 142,644 19.7% 208,527 -18.1% 161,754 187,481 13.7% 166,869 167,094 82,745 68,609 20.6% 97,603 -15.2% 76,170 89,380 14.8% 73,680 78,299 300,535 273,785 9.8% 345,114 -12.9% 286,817 313,836 -8.6% 295,227 308,270 58,757 8,690 >500% 30,586 95.5% 32,180 11,895 170.5% 20,070 7,087 46,516 56,057 17.0% 38,169 21.9% 54,193 45,297 19.6% 53,224 57,424 43,774</td></td>	Dec-19 Nov-19 MOM Dec-18 % YOY Q4 2019 Q4 2018 554,028 485,037 14.2% 651,244 -14.9% 524,741 590,697 253,493 211,252 20.0% 306,130 -17.2% 237,924 276,861 170,748 142,644 19.7% 208,527 -18.1% 161,754 187,481 82,745 68,609 20.6% 97,603 -15.2% 76,170 89,380 300,535 273,785 9.8% 345,114 -12.9% 286,817 313,836 58,757 8,690 >500% 30,058 95.5% 32,180 11,895 241,778 265,095 -8.8% 315,057 -23.3% 254,637 301,940 46,516 56,057 17.0% 38,169 21.9% 54,193 45,297 43,774 54,239 19.3% 36,103 21.2% 51,795 43,306 2,741 1,818 50.8% 2,066 32.7% 2,399 1,991 17,479 3,586 <td>Dec-19 Nov-19 MOM Dec-18 % YOY Q4 2019 Q4 2018 % 554,028 485,037 14.2% 651,244 -14.9% 524,741 590,697 11.2% 253,493 211,252 20.0% 306,130 -17.2% 237,924 276,861 14.1% 170,748 142,644 19.7% 208,527 -18.1% 161,754 187,481 13.7% 82,745 68,609 20.6% 97,603 -15.2% 76,170 89,380 14.8% 300,535 273,785 9.8% 345,114 -12.9% 286,817 313,836 -8.6% 58,757 8,690 >500% 30,058 95.5% 32,180 11.895 170.5% 241,778 265,095 -8.8% 315,057 -23.3% 254,637 301,940 15.7% 43,774 54,239 19.3% 36,103 21.9% 54,193 45,297 19.6% 17,479 3,590 386.8% 9,954 75.6% 10,092 5,705 76.9% 17,4</td> <td>Dec-19 Nov-19 MOM Dec-18 % YOY Q4 2019 Q4 2018 % 2019 554,028 485,037 14.2% 651,244 -14.9% 524,741 590,697 11.2% 535,777 253,493 211,252 20.0% 306,130 -17.2% 237,924 276,861 14.1% 240,550 170,748 142,644 19.7% 208,527 -18.1% 161,754 187,481 13.7% 166,869 82,745 68,609 20.6% 97,603 -15.2% 76,170 89,380 14.8% 73,680 300,535 273,785 9.8% 345,114 -12.9% 286,817 313,836 -8.6% 295,227 58,757 8,690 >500% 30,058 95.5% 32,180 11,895 170.5% 20,070 241,778 265,095 -8.8% 315,057 -23.3% 254,637 301,940 15.7% 275,157 46,516 56,057 17.0% 38,169 21.9% 54,193 45,297 19.6% 49,821 2,741 1</td> <td>Dec-19 Nov-19 MOM Dec-18 % YOY Q4 2019 Q4 2018 % 2019 2018 554,028 485,037 14.2% 651,244 -14.9% 524,741 590,697 11.2% 535,777 553,663 253,493 211,252 20.0% 306,130 -17.2% 237,924 276,861 14.1% 240,550 245,393 170,748 142,644 19.7% 208,527 -18.1% 161,754 187,481 13.7% 166,869 167,094 82,745 68,609 20.6% 97,603 -15.2% 76,170 89,380 14.8% 73,680 78,299 300,535 273,785 9.8% 345,114 -12.9% 286,817 313,836 -8.6% 295,227 308,270 58,757 8,690 >500% 30,586 95.5% 32,180 11,895 170.5% 20,070 7,087 46,516 56,057 17.0% 38,169 21.9% 54,193 45,297 19.6% 53,224 57,424 43,774</td>	Dec-19 Nov-19 MOM Dec-18 % YOY Q4 2019 Q4 2018 % 554,028 485,037 14.2% 651,244 -14.9% 524,741 590,697 11.2% 253,493 211,252 20.0% 306,130 -17.2% 237,924 276,861 14.1% 170,748 142,644 19.7% 208,527 -18.1% 161,754 187,481 13.7% 82,745 68,609 20.6% 97,603 -15.2% 76,170 89,380 14.8% 300,535 273,785 9.8% 345,114 -12.9% 286,817 313,836 -8.6% 58,757 8,690 >500% 30,058 95.5% 32,180 11.895 170.5% 241,778 265,095 -8.8% 315,057 -23.3% 254,637 301,940 15.7% 43,774 54,239 19.3% 36,103 21.9% 54,193 45,297 19.6% 17,479 3,590 386.8% 9,954 75.6% 10,092 5,705 76.9% 17,4	Dec-19 Nov-19 MOM Dec-18 % YOY Q4 2019 Q4 2018 % 2019 554,028 485,037 14.2% 651,244 -14.9% 524,741 590,697 11.2% 535,777 253,493 211,252 20.0% 306,130 -17.2% 237,924 276,861 14.1% 240,550 170,748 142,644 19.7% 208,527 -18.1% 161,754 187,481 13.7% 166,869 82,745 68,609 20.6% 97,603 -15.2% 76,170 89,380 14.8% 73,680 300,535 273,785 9.8% 345,114 -12.9% 286,817 313,836 -8.6% 295,227 58,757 8,690 >500% 30,058 95.5% 32,180 11,895 170.5% 20,070 241,778 265,095 -8.8% 315,057 -23.3% 254,637 301,940 15.7% 275,157 46,516 56,057 17.0% 38,169 21.9% 54,193 45,297 19.6% 49,821 2,741 1	Dec-19 Nov-19 MOM Dec-18 % YOY Q4 2019 Q4 2018 % 2019 2018 554,028 485,037 14.2% 651,244 -14.9% 524,741 590,697 11.2% 535,777 553,663 253,493 211,252 20.0% 306,130 -17.2% 237,924 276,861 14.1% 240,550 245,393 170,748 142,644 19.7% 208,527 -18.1% 161,754 187,481 13.7% 166,869 167,094 82,745 68,609 20.6% 97,603 -15.2% 76,170 89,380 14.8% 73,680 78,299 300,535 273,785 9.8% 345,114 -12.9% 286,817 313,836 -8.6% 295,227 308,270 58,757 8,690 >500% 30,586 95.5% 32,180 11,895 170.5% 20,070 7,087 46,516 56,057 17.0% 38,169 21.9% 54,193 45,297 19.6% 53,224 57,424 43,774

Open Interest

meresi					
			Change)	
			%		Change
	Dec-19	Nov-19	MOM	Dec-18	% YOY
			-		
Equity	14,220,094	20,272,389	29.9%	14,387,351	-1.2%
			-		
Index	1,476,162	1,892,679	22.0%	1,435,255	2.9%
Futures	742,098	795,813	-6.7%	621,315	19.4%
			-		
Options	734,064	1,096,866	33.1%	813,940	-9.8%
In allest descript					
Individual			-		4
Equity	12,743,932	18,379,710	30.7%	12,952,096	-1.6%
Futures	1,476,899	1,444,959	2.2%	342,836	330.8%
			-		
Options	11,267,033	16,934,751	33.5%	12,609,260	-10.6%

Commodity	691,879	664,845	4.1%	685,411	0.9%
Futures	532,143	531,808	0.1%	476,723	11.6%
Options	159,736	133,037	20.1%	208,688	-23.5%
ТМ					
Derivatives	342,098	352,539	-3.0%	238,008	43.7%
Futures	342,098	352,439	-2.9%	237,038	44.3%
Options	0	100		970	
Total					
Futures	3,093,238	3,125,019	-1.0%	1,677,912	84.4%
Total			-		
Options	12,160,833	18,164,754	33.1%	13,632,858	-10.8%
Total			-		
Euronext	15,254,071	21,289,773	28.4%	15,310,770	-0.4%

R: Revised

Euronext

FX¹

	Dec-19	Nov-19	Dec-18	Q4 2019	Q4 2018	YTD 2019	YTD 2018
Nb trading days	21	21	20	65	65	259	259

Euronext FX Volume (in USD millions, single counted)

	Dec-19	Nov-19	Change % MOM	e Dec-18	Change % YOY	Q4 2019	Q4 2018	Change %	YTD 2019	YTD 2018	Change % YTD
Total Euronext						,					
FX Market		313,236	6.3%	382,232	- 212.9%	1,075,434	1,270,124	- 415.3%	4,734,941	5,216,112	-9.2%
ADV Euronext FX					-			-			
Market	15,857	14,916	6.3%	19,112	17.0%	16,545	19,540	15.3%	18,282	20,139	-9.2%

¹ formerly known as FastMatch

Attachment

¹ Capital raised and Derivatives volumes figures have been revised for July 2019 for Oslo Børs activity.