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## EURONEXT ANNOUNCES VOLUMES FOR DECEMBER 2017

**Amsterdam, Brussels, Lisbon, London and Paris – 4 January 2018** – Euronext, the leading pan-European exchange in the Eurozone, today announced trading volumes for December 2017.

### Cash trading

In December 2017, the average daily transaction value on the Euronext cash order book stood at €7,783 million, up +7.5% compared to December 2016 and down -4.4% from the previous month. In addition, Euronext has reached a new record yearly volume on 15 December 2017 at €18,524 million, representing the fifth most active day since 2010.

In the year 2017, the average daily transaction value on Euronext cash order book stood at €7,478 million, up +6.7% compared to 2016.

The average daily transaction value on ETFs was €568 million, down -5.6% compared to December 2016 and up +18.1% from the previous month. At the end of December 2017, 804 ETFs were listed on Euronext compared to 790 at the end of 2016.

### Derivatives trading

In December 2017, the overall average daily volume on derivatives reached 534,949 contracts, up +12.3% compared to December 2016 and down -15.1% compared to the previous month. In detail,

- the average daily volume on equity index derivatives reached 213,505 contracts, up +4.1% compared to December 2016 and down -2.7% from the previous month,
- the average daily volume on individual equity derivatives reached 283,420 contracts in December 2017, up +22.2% compared to December 2016 and down -19.1% from the previous month,
- the average daily volume on commodities derivatives reached 38,024 contracts, down -1.9% compared to December 2016 and -36.7% from the previous month.

In addition, Euronext reached a five year record on open interest at 21,064,464 contracts on 14 December 2017, just before the December expiry.

In the year 2017, the overall average daily volume on Euronext derivatives stood at 550,106 contracts (+12.0% compared to 2016) and the open interest was up at 14,713,256 contracts at the end of December 2017 (+27.8% compared to the end of December 2016).

### FX spot trading

The average daily volume on the spot foreign exchange market of FastMatch, of which Euronext owns 90% of the capital since August 2017, stood at \$15,598 million, up +12.9% compared to December 2016 and down -12.3% from the previous month.

## Listings

In December 2017, Euronext had two listings with PPLA Participations's direct listing on Euronext Amsterdam and Advicenne's IPO on Euronext Paris, which raised €27 million. In addition, €2.3 billion were raised on Euronext in corporate bonds and €4.4 billion in follow-on equity.

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### About Euronext

Euronext is the leading pan-European exchange in the Eurozone with nearly 1,300 listed issuers worth close to €3.6 trillion in market capitalisation as of end December 2017, an unmatched blue chip franchise consisting of 24 issuers in the Morningstar® Eurozone 50 Index<sup>SM</sup> and a strong diverse domestic and international client base. Euronext operates regulated and transparent equity and derivatives markets. Its total product offering includes Equities, 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 Growth<sup>TM</sup> (formerly known as Alternext) and Euronext Access<sup>TM</sup> (formerly known as the Free Market). For the latest news, find us on Twitter ([twitter.com/euronext](https://twitter.com/euronext)) and LinkedIn ([linkedin.com/euronext](https://linkedin.com/euronext)).

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**European Cash Market Monthly Activity**

	<b>déc 2017</b>	<b>nov 2017</b>	<b>déc 2016</b>	<b>Q4 2017</b>	<b>Q4 2016</b>	<b>YTD 2017</b>	<b>YTD 2016</b>
<b>Nb trading days</b>	<b>19</b>	<b>22</b>	<b>21</b>	<b>63</b>	<b>64</b>	<b>255</b>	<b>257</b>

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

	Dec-17	Nov-17	Change % MOM	Dec-16	Change % YOY	Q4 2017	Q4 2016	Change %	YTD 2017	YTD 2016	Change % YTD
Total Cash Market <sup>1</sup>	35 762 296	46 528 802	-23,1%	34 905 436	2,5%	113 093 198	99 394 670	13,8%	480 141 236	457 571 260	4,9%
ADV Cash Market <sup>1</sup>	1 882 226	2 114 946	-11,0%	1 662 164	13,2%	1 795 130	1 553 042	15,6%	1 882 907	1 780 433	5,8%

**TRANSACTION VALUE (€ million - Single counted)**

	Dec-17	Nov-17	Change % MOM	Dec-16	Change % YOY	Q4 2017	Q4 2016	Change %	YTD 2017	YTD 2016	Change % YTD
Eur million											
Total Cash Market <sup>1</sup>	147 881,6	179 097,3	-17,4%	152 024,7	-2,7%	448 786	381 441	17,7%	1 906 905,7	1 802 003,7	5,8%
ADV Cash Market <sup>1</sup>	7 783,2	8 140,8	-4,4%	7 239,3	7,5%	7 124	5 960	19,5%	7 478,1	7 011,7	6,7%

**LISTINGS**
**Number of Issuers**

	Dec-17	Nov-17	Change % MOM	Dec-16	Change % YOY	December 2016	Change %
EURONEXT <sup>2</sup>	1 255	1 260	-0,4%	1 297	-3,2%	1 297	-3,2%
SMEs	723	726	-0,4%	755	-4,2%	755	-4,2%

**EURONEXT**
**CAPITAL RAISED on Equities on Primary and Secondary Market**

(mln of €)	Dec-17	Nov-17	Change % MOM	Dec-16	Change % YOY	Q4 2017	Q4 2016	Change %	YTD 2017	YTD 2016	Change % YTD
Nb New Listings	2	1		4		7	7		26	28	
Money Raised New Listings <sup>incl</sup> over allotment	27	0	-	36	-24,2%	639	64	901,7%	3 396	3 732	-9,0%
of which Money Raised New Listings	27	0	-	36	-24,2%	634	62	918,1%	3 258	3 463	-5,9%
Follow-ons on Equities	4 426	2 014	119,8%	6 323	-30,0%	10 133	14 895	-32,0%	57 990	56 422	2,8%
Corporate Bonds <sup>3</sup>	2 363	3 264	-27,6%	1 025	130,6%	12 677	18 251	-30,5%	46 614	45 009	3,6%
Financials Bonds	7 519	7 768	-3,2%	8 759	-14,2%	22 312	23 100	-3,4%	139 414	114 398	21,9%
Public/SemiPublic Bonds	462	3 806	-87,9%	1 090	-57,6%	6 708	8 785	-23,6%	45 680	37 461	21,9%
Others	699	591	18,4%	1 904	-63,3%	1 395	5 502	-74,6%	30 762	47 048	-34,6%
Total Money Raised <sup>4</sup>	15 497	17 442	-11,2%	19 137	-19,0%	53 865	70 596	-23,7%	323 855	304 069	6,5%

**of which SMEs**
**CAPITAL RAISED on Equities on Primary and Secondary Market**

(mln of €)	Dec-17	Nov-17	Change % MOM	Dec-16	Change % YOY	Q4 2017	Q4 2016	Change %	YTD 2017	YTD 2016	Change % YTD
Nb New Listings	1	0		4		4	6		16	23	
Money Raised New Listings <sup>incl</sup> over allotment	27	0	-	36	-24,2%	97	64	52,7%	613	1 430	-57,1%
of which Money Raised New Listings	27	0	-	36	-24,2%	92	62	48,1%	586	1 367	-57,1%
Follow-ons on Equities	512	412	24,3%	512	0,0%	2 682	1 928	39,1%	6 253	4 583	36,4%
Corporate Bonds <sup>3</sup>	100	153	-34,5%	223	-55,1%	834	742	12,4%	1 071	849	26,2%
Financials Bonds	15	0	-	1 000	-98,5%	145	1 300	-88,9%	145	1 880	-92,3%
Others	0	0	-	0	-	0	1 453	-	0	1 453	-
Total Money Raised <sup>4</sup>	654	564	15,9%	1 770	-63,1%	3 757	5 486	-31,5%	8 082	10 194	-20,7%

<sup>1</sup> Shares, warrants, ETFs, bonds...

<sup>2</sup> Euronext, Alternext and Free Market

<sup>3</sup> Corporate bonds figures revised as from January 2017 to exclude Euronext listed financials issuers and to regroup them in a broader newly created financial bonds category. Public/Semi-Public bonds category not reported before,

<sup>4</sup> included New Listings incl over allotment, Follow-ons on Equities, Corporate Bonds on Euronext Listed Issuers

**European Derivatives Market Monthly Activity**

<b>Nb trading days</b>	<b>Dec-17</b>	<b>Nov-17</b>	<b>Dec-16</b>	<b>Q4 2017</b>	<b>Q4 2016</b>	<b>YTD 2017</b>	<b>YTD 2016</b>
	19	22	21	63	64	255	257

**Volume (in lots)**

	Dec-17	Nov-17	Change % MOM	Dec-16	Change % YOY	Q4 2017	Q4 2016	Change %	Jan 2017 till Dec 2017	Jan 2016 till Dec 2016	Change % YTD
<b>Equity</b>	<b>9 441 570</b>	<b>12 532 929</b>	<b>-24,7%</b>	<b>9 178 500</b>	<b>2,9%</b>	<b>32 023 541</b>	<b>28 590 939</b>	<b>12%</b>	<b>127 093 195</b>	<b>112 427 736</b>	<b>13,0%</b>
of which AtomX	45 894	149 113				259823	235280		744 045	828 014	
<b>Index</b>	<b>4 056 591</b>	<b>4 829 073</b>	<b>-16,0%</b>	<b>4 307 695</b>	<b>-5,8%</b>	<b>13 104 573</b>	<b>13 745 581</b>	<b>-5%</b>	<b>56 590 072</b>	<b>55 131 694</b>	<b>2,6%</b>
of which AtomX	23 629	1 200				54 657	31 670		225 316	150 029	
Futures	2 940 792	3 312 996	-11,2%	3 365 749	-12,6%	9 231 246	10 837 084	-15%	41 912 510	44 265 259	-5,3%
of which AtomX	23 629	1 200				54 657	31 670		217 616	150 029	
Options	1 115 799	1 516 077	-26,4%	941 946	18,5%	3 873 327	2 908 497	33%	14 677 562	10 866 435	35,1%
of which AtomX	0	0				0			7 700	0	
<b>Individual Equity</b>	<b>5 384 979</b>	<b>7 703 856</b>	<b>-30,1%</b>	<b>4 870 805</b>	<b>10,6%</b>	<b>18 918 968</b>	<b>14 845 358</b>	<b>27%</b>	<b>70 503 123</b>	<b>57 296 042</b>	<b>23,1%</b>
of which AtomX	22 265	147 913				205 166	203 610		518 729	677 985	
Futures	18 046	20 197	-10,7%	33 943	-46,8%	77 581	68 718	13%	389 909	270 573	44,1%
of which AtomX	1 500	6 500				27 500	0		72 975	9 000	
Options	5 366 933	7 683 659	-30,2%	4 836 862	11,0%	18 841 387	14 776 640	28%	70 113 214	57 025 469	23,0%
of which AtomX	20 765	141 413				177 666	203 610		445 754	668 985	
<b>Commodity</b>	<b>722 460</b>	<b>1 321 955</b>	<b>-45,3%</b>	<b>813 866</b>	<b>-11,2%</b>	<b>2 944 427</b>	<b>2 971 329</b>	<b>-1%</b>	<b>13 165 333</b>	<b>13 758 816</b>	<b>-4,3%</b>
Futures	664 400	1 258 236	-47,2%	761 680	-12,8%	2 779 713	2 777 548	0%	12 170 346	12 115 438	0,5%
Options	58 060	63 719	-8,9%	52 186	11,3%	164 714	193 781	-15%	994 987	1 643 378	-39,5%
<b>Other</b>	<b>0</b>	<b>0</b>		<b>7 727</b>		<b>0</b>	<b>18 300</b>		<b>18 399</b>	<b>55 430</b>	<b>-66,8%</b>
Futures	0	0		0		0	0		0	0	
Options	0	0		7 727		0	18 300		18 399	55 430	-66,8%
<b>Total Futures</b>	<b>3 623 238</b>	<b>4 591 429</b>	<b>-21,1%</b>	<b>4 161 372</b>	<b>-12,9%</b>	<b>12 088 540</b>	<b>13 683 350</b>	<b>-12%</b>	<b>54 472 765</b>	<b>56 651 270</b>	<b>-3,8%</b>
<b>Total Options</b>	<b>6 540 792</b>	<b>9 263 455</b>	<b>-29,4%</b>	<b>5 838 721</b>	<b>12,0%</b>	<b>22 879 428</b>	<b>17 897 218</b>	<b>28%</b>	<b>85 804 162</b>	<b>69 590 712</b>	<b>23,3%</b>
<b>Total Euronext</b>	<b>10 164 030</b>	<b>13 854 884</b>	<b>-26,6%</b>	<b>10 000 093</b>	<b>1,6%</b>	<b>34 967 968</b>	<b>31 580 568</b>	<b>11%</b>	<b>140 276 927</b>	<b>126 241 982</b>	<b>11,1%</b>

**ADV (in lots)**

	Dec-17	Nov-17	Change % MOM	Dec-16	Change % YOY	Q4 2017	Q4 2016	Change %	Jan 2017 till Dec 2017	Jan 2016 till Dec 2016	Change % YTD
<b>Equity</b>	<b>496 925</b>	<b>569 679</b>	<b>-12,8%</b>	<b>437 071</b>	<b>13,7%</b>	<b>508 310</b>	<b>446 733</b>	<b>14%</b>	<b>498 405</b>	<b>437 462</b>	<b>13,9%</b>
<i>of which AtomX</i>	2 415	6 778				4 124	3 676		2 918		
<b>Index</b>	<b>213 505</b>	<b>219 503</b>	<b>-2,7%</b>	<b>205 128</b>	<b>4,1%</b>	<b>208 009</b>	<b>214 775</b>	<b>-3%</b>	<b>221 922</b>	<b>214 520</b>	<b>3,5%</b>
<i>of which AtomX</i>	1 244	55				868	495		884		
Futures	154 779	150 591	2,8%	160 274	-3,4%	146 528	169 329	-13%	164 363	172 238	-4,6%
<i>of which AtomX</i>	1 244	55				868	495		853		
Options	58 726	68 913	-14,8%	44 855	30,9%	61 481	45 445	35%	57 559	42 282	36,1%
<i>of which AtomX</i>	0	0				0	0		30		
<b>Individual Equity</b>	<b>283 420</b>	<b>350 175</b>	<b>-19,1%</b>	<b>231 943</b>	<b>22,2%</b>	<b>300 301</b>	<b>231 959</b>	<b>29%</b>	<b>276 483</b>	<b>222 942</b>	<b>24,0%</b>
<i>of which AtomX</i>	1 172	6 723				3 257	3 181		2 034		
Futures	950	918	3,5%	1 616	-41,2%	1 231	1 074	15%	1 529	1 053	45,2%
<i>of which AtomX</i>	79	295				437	0		286		
Options	282 470	349 257	-19,1%	230 327	22,6%	299 070	230 885	30%	274 954	221 889	23,9%
<i>of which AtomX</i>	1 093	6 428				2 820	3 181		1 748		
<b>Commodity</b>	<b>38 024</b>	<b>60 089</b>	<b>-36,7%</b>	<b>38 756</b>	<b>-1,9%</b>	<b>46 737</b>	<b>46 427</b>	<b>1%</b>	<b>51 629</b>	<b>53 536</b>	<b>-3,6%</b>
Futures	34 968	57 193	-38,9%	36 270	-3,6%	44 122	43 399	2%	47 727	47 142	1,2%
Options	3 056	2 896	5,5%	2 485	23,0%	2 615	3 028	-14%	3 902	6 394	-39,0%
<b>Other</b>	<b>0</b>	<b>0</b>		<b>368</b>		<b>0</b>	<b>286</b>		<b>72</b>	<b>216</b>	<b>-66,5%</b>
Futures	0	0		0		0	0		0	0	
Options	0	0		368		0	286		72	216	-66,5%
<b>Total Futures</b>	<b>190 697</b>	<b>208 701</b>	<b>-8,6%</b>	<b>198 161</b>	<b>-3,8%</b>	<b>191 882</b>	<b>213 802</b>	<b>-10%</b>	<b>213 619</b>	<b>220 433</b>	<b>-3,1%</b>
<b>Total Options</b>	<b>344 252</b>	<b>421 066</b>	<b>-18,2%</b>	<b>278 034</b>	<b>23,8%</b>	<b>363 166</b>	<b>279 644</b>	<b>30%</b>	<b>336 487</b>	<b>270 781</b>	<b>24,3%</b>
<b>Total Euronext</b>	<b>534 949</b>	<b>629 767</b>	<b>-15,1%</b>	<b>476 195</b>	<b>12,3%</b>	<b>555 047</b>	<b>493 446</b>	<b>12%</b>	<b>550 106</b>	<b>491 214</b>	<b>12,0%</b>

**Open Interest**

	Dec-17	Nov-17	Change % MOM	Dec-16	Change % YOY
<b>Equity</b>	<b>14 093 432</b>	<b>19 114 899</b>	<b>-26,3%</b>	<b>10 941 086</b>	<b>29%</b>
<b>Index</b>	<b>1 247 257</b>	<b>1 752 822</b>	<b>-28,8%</b>	<b>925 283</b>	<b>34,8%</b>
Futures	540 643	585 707	-7,7%	479 559	12,7%
Options	706 614	1 167 115	-39,5%	445 724	58,5%
<b>Individual Equity</b>	<b>12 846 175</b>	<b>17 362 077</b>	<b>-26,0%</b>	<b>10 015 803</b>	<b>28,3%</b>
Futures	10 716	33 499	-68,0%	6 463	65,8%
Options	12 835 459	17 328 578	-25,9%	10 009 340	28,2%
<b>Commodity</b>	<b>619 824</b>	<b>612 363</b>	<b>1,2%</b>	<b>567 136</b>	<b>9,3%</b>
Futures	435 917	449 594	-3,0%	374 948	16,3%
Options	183 907	162 769	13,0%	192 188	-4,3%
<b>Other</b>	<b>0</b>	<b>0</b>		<b>4 253</b>	
Futures	0	0		0	
Options	0	0		4 253	
<b>Total Futures</b>	<b>987 276</b>	<b>1 068 800</b>	<b>-7,6%</b>	<b>860 970</b>	<b>14,7%</b>
<b>Total Options</b>	<b>13 725 980</b>	<b>18 658 462</b>	<b>-26,4%</b>	<b>10 651 505</b>	<b>28,9%</b>
<b>Total Euronext</b>	<b>14 713 256</b>	<b>19 727 262</b>	<b>-25,4%</b>	<b>11 512 475</b>	<b>27,8%</b>



FastMatch

<i>Nb trading days</i>	<i>Dec-17</i> 20	<i>Nov-17</i> 22	<i>Dec-16</i> 21	<i>Q4 2017</i> 63	<i>Q4 2016</i> 64	<i>YTD 2017</i> 258	<i>YTD 2016</i> 259
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*Fastmatch Volume (in USD millions, single counted)*

	Dec-17	Nov-17	Change % MOM	Dec-16	Change % YOY	Q4 2017	Q4 2016	Change %	YTD 2017	YTD 2016	Change % YTD
Total FastMatch Market	311 964	391 098	-20,2%	290 087	7,5%	1 099 719	951 257	15,6%	4 752 468	3 297 716	44,1%
ADV FastMatch Market	15 598	17 777	-12,3%	13 814	12,9%	17 456	14 863	17,4%	18 420	12 732	44,7%