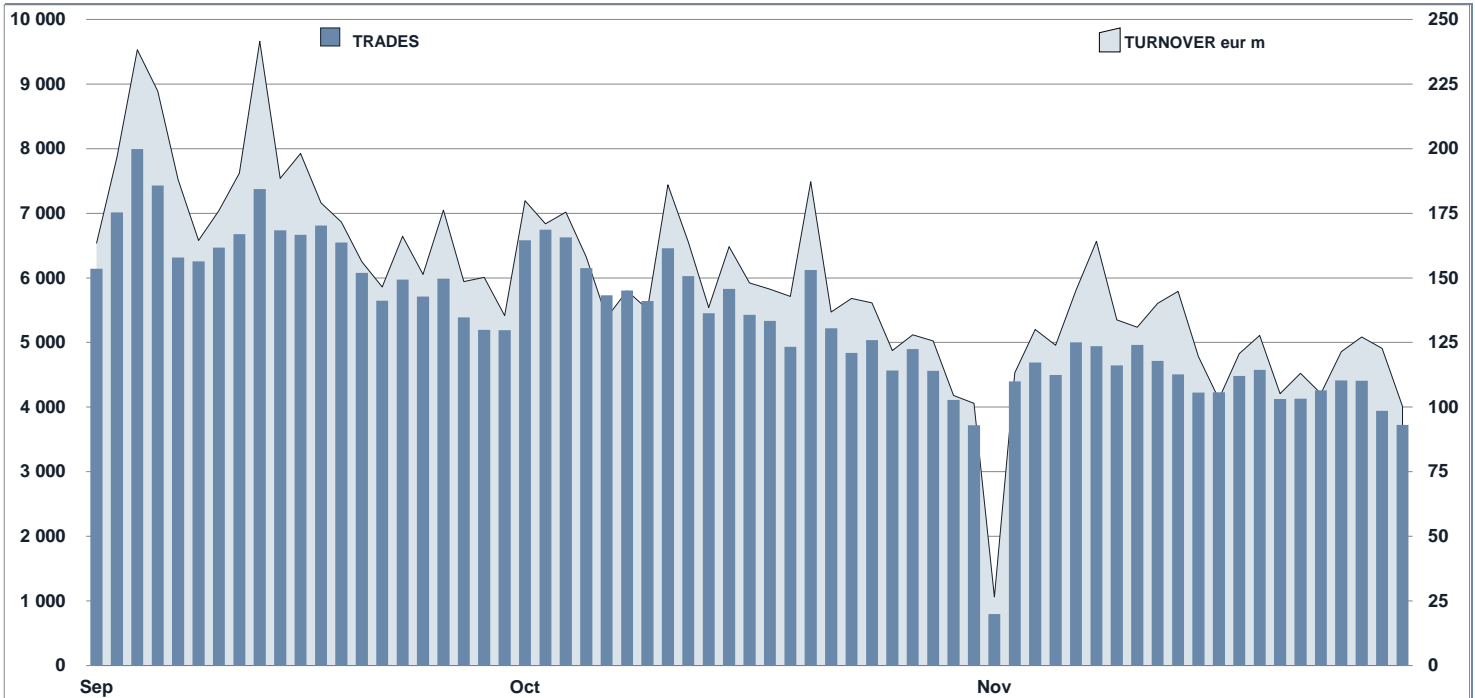


# EuroTLX Statistics

## November 2019

### DAILY TURNOVER

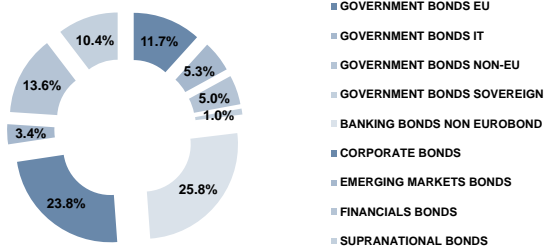


### MAIN INDICATORS

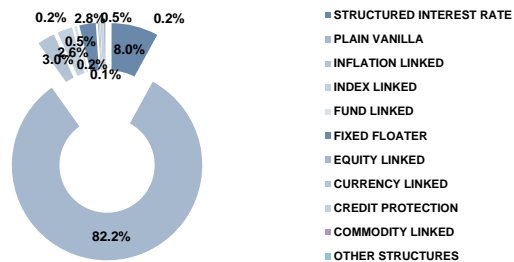
|  | LISTED                 |                        |                                 |                        |                                 | TRADING          |                   |                  |                   |                  |                   |
|--|------------------------|------------------------|---------------------------------|------------------------|---------------------------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|
|  | DEC 2018               | OCTOBER 2019           |                                 | NOVEMBER 2019          |                                 | OCTOBER 2019     |                   | NOVEMBER 2019    |                   | JAN - NOV 2019   |                   |
|  | LISTED<br>END OF MONTH | LISTED<br>END OF MONTH | NEW LISTED<br>BEGIN OF JAN 2019 | LISTED<br>END OF MONTH | NEW LISTED<br>BEGIN OF JAN 2019 | TRADES<br>number | TURNOVER<br>eur m | TRADES<br>number | TURNOVER<br>eur m | TRADES<br>number | TURNOVER<br>eur m |
| <b>EUROTLX</b>                           |                        |                        |                                 |                        |                                 |                  |                   |                  |                   |                  |                   |
| FIXED INCOME                             | 2 805                  | 2 652                  | 371                             | 2 659                  | 436                             | 125 813          | 3 376.7           | 89 677           | 2 519.0           | 1 095 069        | 31 865.2          |
| CERT-X                                   | 2 254                  | 3 246                  | 1 862                           | 3 306                  | 2 100                           | 86 331           | 1 274.2           | 89 174           | 1 289.1           | 751 039          | 10 654.9          |
| SHARES                                   | 587                    | 759                    | 225                             | 621                    | 227                             | 8 147            | 62.4              | 7 898            | 61.5              | 70 776           | 555.5             |
| <b>TOTAL</b>                             | <b>5 646</b>           | <b>6 657</b>           | <b>2 458</b>                    | <b>6 586</b>           | <b>2 763</b>                    | <b>220 291</b>   | <b>4 713.2</b>    | <b>186 749</b>   | <b>3 869.5</b>    | <b>1 916 884</b> | <b>43 075.7</b>   |
| <b>FIXED INCOME - TYPE OF INSTRUMENT</b> |                        |                        |                                 |                        |                                 |                  |                   |                  |                   |                  |                   |
| GOVERNMENT BONDS EU                      | 335                    | 323                    | 20                              | 311                    | 21                              | 1 748            | 62.2              | 1 189            | 45.7              | 22 303           | 744.3             |
| GOVERNMENT BONDS IT                      | 126                    | 143                    | 47                              | 142                    | 50                              | 10 317           | 529.5             | 9 422            | 536.9             | 109 068          | 6 729.5           |
| GOVERNMENT BONDS NON-EU                  | 143                    | 134                    | 5                               | 134                    | 5                               | 8 510            | 172.3             | 5 760            | 82.7              | 85 294           | 1 635.7           |
| GOVERNMENT BONDS SOVEREIGN               | 22                     | 27                     | 7                               | 27                     | 7                               | 882              | 30.3              | 634              | 17.9              | 12 111           | 344.5             |
| BANKING BONDS NON EURO BOND              | 718                    | 647                    | 112                             | 685                    | 164                             | 59 925           | 1 193.6           | 39 709           | 781.1             | 476 147          | 9 098.0           |
| CORPORATE BONDS                          | 639                    | 639                    | 109                             | 632                    | 114                             | 19 867           | 604.5             | 16 090           | 452.5             | 175 996          | 5 398.1           |
| EMERGING MARKETS BONDS                   | 89                     | 91                     | 6                               | 91                     | 6                               | 3 342            | 84.9              | 2 250            | 61.7              | 30 928           | 693.0             |
| FINANCIALS BONDS                         | 415                    | 367                    | 41                              | 361                    | 45                              | 5 410            | 374.1             | 4 671            | 345.3             | 64 898           | 4 620.1           |
| SUPRANATIONAL BONDS                      | 318                    | 281                    | 24                              | 276                    | 24                              | 15 812           | 325.2             | 9 952            | 195.0             | 118 324          | 2 602.1           |
| <b>TOTAL</b>                             | <b>2 805</b>           | <b>2 652</b>           | <b>371</b>                      | <b>2 659</b>           | <b>436</b>                      | <b>125 813</b>   | <b>3 376.7</b>    | <b>89 677</b>    | <b>2 519.0</b>    | <b>1 095 069</b> | <b>31 865.2</b>   |
| <b>FIXED INCOME - TYPE OF STRUCTURE</b>  |                        |                        |                                 |                        |                                 |                  |                   |                  |                   |                  |                   |
| STRUCTURED INTEREST RATE                 | 233                    | 215                    | 21                              | 212                    | 22                              | 20 377           | 522.8             | 14 011           | 367.9             | 173 962          | 4 386.4           |
| PLAIN VANILLA                            | 2 313                  | 2 165                  | 306                             | 2 185                  | 365                             | 90 376           | 2 525.4           | 64 743           | 1 860.2           | 800 999          | 24 372.3          |
| INFLATION LINKED                         | 92                     | 91                     | 4                               | 79                     | 4                               | 468              | 15.5              | 538              | 22.2              | 7 743            | 285.2             |
| INDEX LINKED                             | 49                     | 69                     | 27                              | 68                     | 28                              | 3 143            | 53.3              | 2 334            | 40.6              | 26 290           | 411.2             |
| FUND LINKED                              | 13                     | 12                     | 2                               | 13                     | 3                               | 308              | 7.7               | 197              | 4.2               | 2 056            | 44.4              |
| FIXED FLOATER                            | 84                     | 74                     | 4                               | 74                     | 5                               | 10 601           | 239.1             | 7 498            | 214.9             | 80 400           | 2 286.4           |
| EQUITY LINKED                            | 2                      | 4                      | 3                               | 4                      | 3                               | 1                | 0.0               | -                | -                 | 280              | 3.8               |
| CURRENCY LINKED                          | 6                      | 5                      | -                               | 5                      | -                               | 91               | 1.5               | 76               | 1.5               | 822              | 15.0              |
| CREDIT PROTECTION                        | 10                     | 13                     | 3                               | 13                     | 3                               | 94               | 2.2               | 123              | 3.5               | 1 198            | 29.6              |
| COMMODITY LINKED                         | 1                      | 2                      | 1                               | 4                      | 3                               | 187              | 2.4               | 68               | 1.0               | 639              | 9.3               |
| OTHER STRUCTURES                         | 2                      | 2                      | -                               | 2                      | -                               | 167              | 6.8               | 89               | 3.0               | 680              | 21.7              |
| <b>TOTAL</b>                             | <b>2 805</b>           | <b>2 652</b>           | <b>371</b>                      | <b>2 659</b>           | <b>436</b>                      | <b>125 813</b>   | <b>3 376.7</b>    | <b>89 677</b>    | <b>2 519.0</b>    | <b>1 095 069</b> | <b>31 865.2</b>   |

## FOCUS ON LISTED BONDS - END OF MONTH

## LISTED BY TYPE OF INSTRUMENT



## LISTED BY TYPE OF STRUCTURE



## TYPE OF INSTRUMENT - MOST TRADED BONDS IN TERMS OF TURNOVER

| GOVERNMENT BONDS EU - NOVEMBER 2019 |                          |       |        | GOVERNMENT BONDS IT - NOVEMBER 2019 |                  |       |        |
|-------------------------------------|--------------------------|-------|--------|-------------------------------------|------------------|-------|--------|
| ISIN                                | NAME                     | eur m | TRADES | ISIN                                | NAME             | eur m | TRADES |
| ES00000127H7                        | BONOS 1.15% 30LG20       | 2.7   | 23     | IT0004009673                        | BTP 3.75% 01AG21 | 18.0  | 485    |
| PTOTEBOE0020                        | OT 4.1% 15FB45           | 2.7   | 36     | IT0001278511                        | BTP 5.25% 01NV29 | 15.6  | 247    |
| DE0001102473                        | BUND 0% 15AG29           | 2.5   | 13     | IT0005217390                        | BTP 2.8% 01MZ67  | 15.0  | 197    |
| ES00000123X3                        | OBLIGACIONES 4.4% 31OT23 | 1.9   | 56     | IT0004889033                        | BTP 4.75% 01ST28 | 14.3  | 111    |
| PTOTEUOE0019                        | OT 4.125% 14AP27         | 1.9   | 21     | IT0005365165                        | BTP 3% 01AG29    | 13.6  | 107    |

| GOVERNMENT BONDS NON EU - NOVEMBER 2019 |                               |       |        | GOVERNMENT BONDS SOVEREIGN - NOVEMBER 2019 |                             |       |        |
|---|-------------------------------|-------|--------|--|-----------------------------|-------|--------|
| ISIN                                    | NAME                          | eur m | TRADES | ISIN                                       | NAME                        | eur m | TRADES |
| US912810RK60                            | USA -T-BOND 2.5% 15FB45       | 7.5   | 355    | US4465410BG26                              | ITALIA 5.375% 15GN33        | 6.0   | 234    |
| US9128282A70                            | USA -T-NOTE 1.5% 15AG26       | 6.2   | 212    | US4465410AH18                              | ITALIA 6.875% 27ST23        | 3.8   | 65     |
| XS0501195993                            | ARGENTINA STEP UP SINK 31DC38 | 4.3   | 994    | XS1768074319                               | ROMANIA 3.375% 08FB38       | 1.5   | 80     |
| XS0205537581                            | ARGENTINA STEP UP SINK 31DC38 | 3.7   | 561    | XS1085735899                               | PORTOGALLO 5.125% 15OT24    | 1.3   | 40     |
| XS1575968026                            | OMAN 6.5% 08MZ47              | 3.1   | 18     | XS0222189564                               | ITALIA-CMS CAP&FLOOR 15GN20 | 0.9   | 31     |

| BANKING BONDS NON EUROBOND - NOVEMBER 2019 |                                  |       |        | CORPORATE BONDS - NOVEMBER 2019 |                                    |       |        |
|--|----------------------------------|-------|--------|---------------------------------|------------------------------------|-------|--------|
| ISIN                                       | NAME                             | eur m | TRADES | ISIN                            | NAME                               | eur m | TRADES |
| IT0005087116                               | UCG TV CALL SUB 03MG25           | 63.0  | 2 378  | XS1707063589                    | SALINI IMPREGILO 1.75% CALL 26OT24 | 25.5  | 265    |
| IT0005158677                               | BANCO BPM - FIX FLOAT CAP 29GE21 | 43.6  | 1 692  | XS1624210933                    | ANSALDO ENERGIA 2.75% 31MG24       | 19.7  | 181    |
| IT0005199267                               | UCG-FIX FLOAT 30GN23             | 33.4  | 1 201  | XS1885506813                    | TOYOTA MOTOR CREDIT STEP-UP 24OT25 | 19.6  | 1 194  |
| IT0005144677                               | BANCO BPM - FIX FLOAT CAP 30DC20 | 30.1  | 1 195  | XS1551347393                    | JAGUAR LAND ROVER 2.2% CALL 15GE24 | 16.6  | 178    |
| IT0005279887                               | ISP-TV SUB 26ST24                | 29.1  | 271    | XS1645687416                    | KEDRION 3% CALL 12LG22             | 12.6  | 133    |

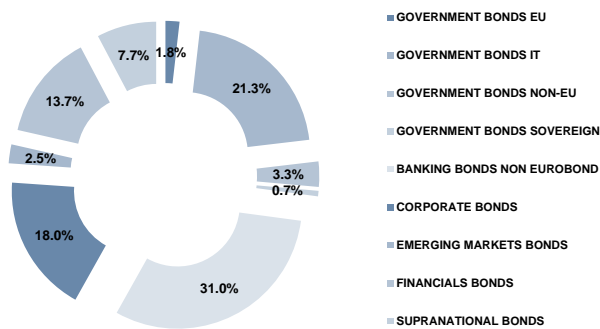
  

| EMERGING MARKETS BONDS - NOVEMBER 2019 |                         |       |        | FINANCIALS BONDS - NOVEMBER 2019 |                                     |       |        |
|--|-------------------------|-------|--------|----------------------------------|-------------------------------------|-------|--------|
| ISIN                                   | NAME                    | eur m | TRADES | ISIN                             | NAME                                | eur m | TRADES |
| XS1629918415                           | TURCHIA 3.25% 14GN25    | 10.0  | 99     | XS1733289406                     | CATTOLICA-FIX FLOAT CALL SUB 14DC47 | 27.5  | 261    |
| US900123A775                           | TURCHIA 8% 14FB34       | 7.4   | 524    | XS1428773763                     | GENERALI-FIX FLOAT CALL SUB 08GN48  | 18.5  | 147    |
| US105756BK57                           | BRASILE 7.125% 20GE37   | 4.3   | 199    | XS1752894292                     | MPS-FIX FLOAT CALL SUB 18GE28       | 15.4  | 186    |
| XS0505478684                           | EGITTO 6.875% 30AP40    | 3.1   | 34     | XS1206977495                     | UNIPOL GRUPPO 3% 18MZ25             | 14.6  | 134    |
| US836205AS32                           | SUDAFRICA 5.375% 24LG44 | 2.9   | 17     | XS2055091784                     | MPS 3.625% 24ST24                   | 13.8  | 122    |

| SUPRANATIONAL BONDS - NOVEMBER 2019 |  |       |        |
|-------------------------------------|--|-------|--------|
| ISIN                                | NAME                                     | eur m | TRADES |
| IT0005374043                        | CDP FIX FLOAT 28GN26                     | 22.1  | 1 043  |
| XS1567439689                        | BANQUE CENTRALE DE TUNISIE 5.625% 17FB24 | 15.5  | 155    |
| IT0005090995                        | CDP FIX FLOAT 20MZ22                     | 13.2  | 390    |
| XS1507486584                        | BEI 1.5% CALL 21NV26                     | 6.0   | 394    |
| XS1115184753                        | BEI 9.25% 03OT24                         | 4.8   | 444    |

## TYPE OF INSTRUMENT - TURNOVER



## MOST TRADED BONDS BY CURRENCY IN TERMS OF TURNOVER

| EUR - NOVEMBER 2019 |                                  |             |        | USD - NOVEMBER 2019 |              |                                    |        |      |       |
|---------------------|----------------------------------|-------------|--------|---------------------|--------------|------------------------------------|--------|------|-------|
| ISIN                | NAME                             | CURRI eur m | TRADES | ISIN                | NAME         | CURRI eur m                        | TRADES |      |       |
| IT0005087116        | UCG TV CALL SUB 03MG25           | EUR         | 63.0   | 2 378               | XS1782625641 | MEDIOBANCA INT SA STEP UP 29MZ24   | USD    | 21.5 | 1 436 |
| IT0005158677        | BANCO BPM - FIX FLOAT CAP 29GE21 | EUR         | 43.6   | 1 692               | IT0005185381 | UCG-FIX FLOAT 31MG23               | USD    | 21.2 | 1 128 |
| IT0005199267        | UCG-FIX FLOAT 30GN23             | EUR         | 33.4   | 1 201               | XS1885506813 | TOYOTA MOTOR CREDIT STEP-UP 24OT25 | USD    | 19.6 | 1 194 |
| IT0005144677        | BANCO BPM - FIX FLOAT CAP 30DC20 | EUR         | 30.1   | 1 195               | IT0005176398 | UCG 2.8% 16MG22                    | USD    | 16.0 | 922   |
| IT0005279887        | ISP-TV SUB 26ST24                | EUR         | 29.1   | 271                 | IT0005161689 | MEDIOBANCA-FIX FLOAT CAP 04MZ22    | USD    | 14.8 | 749   |

| GBP - NOVEMBER 2019 |                   |             |        | OTHER CURRENCIES - NOVEMBER 2019 |              |                  |        |     |     |
|---------------------|-------------------|-------------|--------|----------------------------------|--------------|------------------|--------|-----|-----|
| ISIN                | NAME              | CURRI eur m | TRADES | ISIN                             | NAME         | CURRI eur m      | TRADES |     |     |
| XS1068966073        | BEI TV 21MG21     | GBP         | 3.6    | 145                              | XS1115184753 | BEI 9.25% 03OT24 | TRY    | 4.8 | 444 |
| GB00BN65R198        | GILT 2% 22LG20    | GBP         | 1.1    | 56                               | XS1524609531 | BEI 5.5% 23GE23  | MXN    | 4.6 | 360 |
| XS1031001198        | BEI TV 17FB20     | GBP         | 0.4    | 16                               | XS1227593933 | BEI 1.5% 12MG22  | NOK    | 4.3 | 198 |
| GB00B7L9SL19        | GILT 1.75% 07ST22 | GBP         | 0.3    | 3                                | XS1605368536 | BEI 8% 05MG27    | ZAR    | 4.0 | 228 |
| GB00B84Z9V04        | GILT 3.25% 22GE44 | GBP         | 0.2    | 12                               | XS1075219763 | BEI 8.75% 18ST21 | TRY    | 2.7 | 276 |

## News

2 Shares:  
ZEAL NETWORK (DE000ZEAL241)  
NORTONLIFELOCK (US6687711084)

52 new banking bonds non Eurobonds;

9 Other bonds:  
- 5 Corporate bonds:  
RCI FIX TO CMS CALL SUB 18FB30 (FR0013459765)  
BED BATH 5.165% CALL 01AG44 (US075896AC47)  
CENTURYLINK 7.65% CALL 15MZ42 (US156700AT34)  
CENTURYLINK 7.95% CALL 01GN36 (US29078EAA38)  
XEROX 6.75% CALL 15DC39 (US984121CB79)

- 4 Financial bonds  
CASSA CENTRALE RAIFFEISEN 1.125% 27ST24 (XS2056427730)  
UBI BANCA 1.625% 21AP25 (XS2067213913)  
CREDEM FIX FLOAT CALL 25OT25 (XS2068978050)  
BANCO BPM 1.75% 28GE25 (XS2072815066)

4 EU government bonds:  
SCHATZ 0% 100C21 (DE0001104784)  
BOT ZC 13NV20 (IT0005389561)  
BOT ZC 29MV20 (IT0005389587)  
BTP 0.85% 15GE27 (IT0005390874)

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