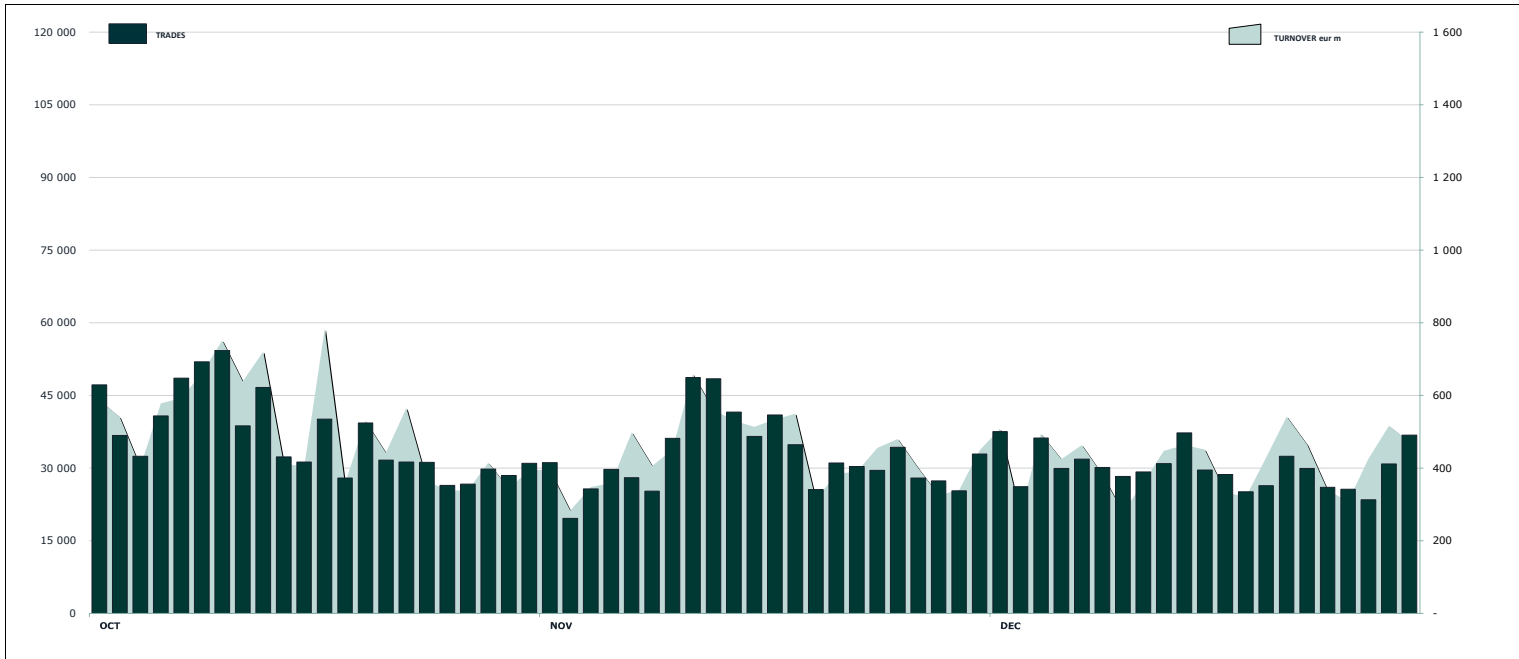


ETFPlus Statistics

December 2022

ETFLPLUS DAILY TURNOVER



MAIN INDICATORS

	LISTED INSTRUMENT				TRADING					
	LISTED END OF MONTH	MONTH NEW LISTED	AUM in MT eur m 30/11/2022	AUM in MT eur m 30/12/2022	NOVEMBER 2022 Trades	NOVEMBER 2022 Turnover eur m	DECEMBER 2022 Trades	DECEMBER 2022 Turnover eur m	JAN - DEC 2022 Trades	JAN - DEC 2022 Turnover eur m
ETF - DEVELOPED MARKET	454	2	42 256.96	39 608.92	148 545	2 850.81	123 430	2 043.44	1 946 866	36 187.97
ETF - CORPORATE AND GOV BOND	421	0	40 932.33	39 537.83	129 517	2 415.89	115 714	1 914.99	1 587 280	30 280.90
ETF - EMERGING MARKETS	125	1	5 726.82	5 730.73	30 681	340.41	25 024	281.53	399 649	4 786.15
ETF - STYLE	120	1	5 614.24	5 307.21	19 541	281.99	18 058	225.12	271 271	3 935.74
OTHERS	320	0	11 805.50	11 006.93	108 033	1 075.35	90 057	744.89	1 669 331	16 479.79
ETC/ETN	322	0	7 835.15	8 018.84	226 623	1 939.10	206 967	1 765.16	3 105 413	28 887.75
TOTAL	1 762	4	114 170.99	109 210.46	662 940	8 903.54	579 250	6 975.13	8 979 810	120 558.30
<i>of which RFQ</i>						816.39		635.79		7 448.53

MOST TRADED IN THE MONTH BY TRADES AND RELATIVE SPREAD

Name	Alphab.	ISIN	TRADES number	% TOT	BBO	SPREAD 25 000 €
1 WISDOMTREE NATURAL GAS 3X DAILY LEV	3NGL	IE00BLRPRG98	23 110	4.0%	0.79%	0.97%
2 WISDOMTREE NATURAL GAS 3X DAILY SHORT	3NGS	IE00B76BRD76	18 087	3.1%	1.39%	1.46%
3 WISDOMTREE WTI CRUDE OIL 3X DAILY SHO	3OIS	IE00BMTM6C49	10 595	1.8%	0.39%	0.51%
4 WISDOMTREE NASDAQ 100 3X DAILY LEVERAGED	QQQ3	IE00BLRPLR42	7 436	1.3%	0.20%	0.21%
5 WISDOMTREE WTI CRUDE OIL 3X DAILY L	3OIL	IE00BMTM6B32	7 292	1.3%	0.67%	0.77%
6 ISHARES CORE MSCI WORLD UCITS ETF ACC	SWDA	IE00B4LSY983	6 349	1.1%	0.06%	0.06%
7 WISDOMTREE FTSE MIB 3X DAILY SHORT	3ITS	IE00B873CW36	6 217	1.1%	0.13%	0.13%
8 SG ETC NATURAL GAS +3X DAILY LEV COLLAT	GAS3L	XS1778810405	6 026	1.0%	1.50%	1.88%
9 WISDOMTREE WTI CRUDE OIL 2X DAILY LEV	LOIL	IE00BDD9Q840	5 945	1.0%	0.27%	0.31%
10 SG ETC NATURAL GAS -3X DAILY SHY COLLAT	GAS3S	XS2425316473	5 579	1.0%	1.75%	1.94%

MOST TRADED IN THE MONTH BY TURNOVER AND RELATIVE SPREAD

Name	Alphab.	ISIN	eur m	TURNOVER % TOT	BBO	SPREAD 25 000 €
1 WISDOMTREE NATURAL GAS 3X DAILY SHORT	3NGS	IE00B76BRD76	236	3.4%	1.39%	1.46%
2 WISDOMTREE NASDAQ 100 3X DAILY LEVERAGED	QQQ3	IE00BLRPLR42	104	1.5%	0.20%	0.21%
3 WISDOMTREE NATURAL GAS 3X DAILY LEV	3NGL	IE00BLRPRG98	100	1.4%	0.79%	0.97%
4 WISDOMTREE WTI CRUDE OIL 3X DAILY SHO	3OIS	IE00BMTM6C49	98	1.4%	0.39%	0.51%
5 AMUNDI EURO CORP SRI 0-3 Y UCITS ETF D	ECRPS	LU2237748774	89	1.3%	0.09%	0.11%
6 ISHARES CORE S&P 500 UCITS ETF USD ACC	CSSPX	IE00B5MR0887	89	1.3%	0.04%	0.04%
7 ISHARES CORE MSCI WORLD UCITS ETF ACC	SWDA	IE00B4LSY983	84	1.2%	0.06%	0.06%
8 WISDOMTREE WTI CRUDE OIL 2X DAILY LEV	LOIL	IE00BDD9Q840	79	1.1%	0.27%	0.31%
9 ISHARES S&P 500 EUR HEDGED UCITS ETF ACC	IUSE	IE00B3ZWK18	73	1.0%	0.05%	0.05%
10 ISHARES CORE EURO CORP BOND UCITS ETF DIST	IEAC	IE00B3F81R35	71	1.0%	0.07%	0.07%

MOST TRADED IN THE YEAR BY TRADES AND RELATIVE SPREAD

Name	Alphab.	ISIN	TRADES number	% TOT	BBO	SPREAD 25 000 €
1 WISDOMTREE NATURAL GAS 3X DAILY SHORT	3NGS	IE00B76BRD76	230 608	2.6%	1.12%	1.24%
2 WISDOMTREE NATURAL GAS 3X DAILY LEV	3NGL	IE00BLRPRG98	163 063	1.8%	0.76%	0.86%
3 WISDOMTREE FTSE MIB 3X DAILY SHORT	3ITS	IE00B873CW36	136 908	1.5%	0.13%	0.14%
4 WISDOMTREE WTI CRUDE OIL 3X DAILY SHO	3OIS	IE00BMTM6C49	131 908	1.5%	0.44%	0.54%
5 WISDOMTREE S&P 500 VIX 2.5X DAILY LEV	VIXL	IE00BLRPH06	114 382	1.3%	0.59%	0.76%
6 WISDOMTREE EURO STOXX BANKS 3X DAILY LEV	3BAL	IE00BL509N40	108 543	1.2%	0.30%	0.32%
7 WISDOMTREE FTSE MIB 3X DAILY LEVERAGED	3ITL	IE00B8BN3063	100 157	1.1%	0.14%	0.14%
8 WISDOMTREE WTI CRUDE OIL 2X DAILY LEV	LOIL	IE00BDD9Q840	98 776	1.1%	0.26%	0.31%
9 LYXOR FTSE MIB DAI -2X XBR UCITS ETF ACC	XBRMIB	FR0010446666	98 142	1.1%	0.08%	0.09%
10 WISDOMTREE NASDAQ 100 3X DAILY LEVERAGED	QQQ3	IE00BLRPLR42	88 817	1.0%	0.20%	0.20%

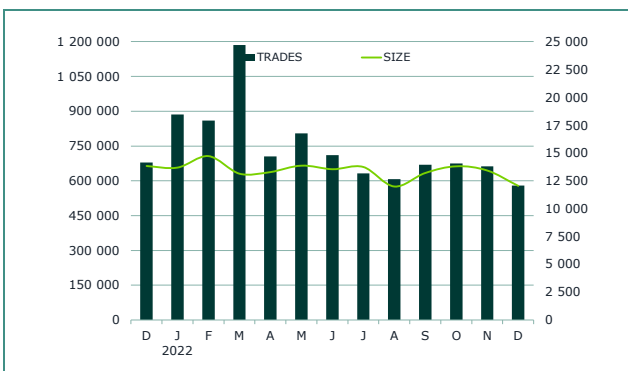
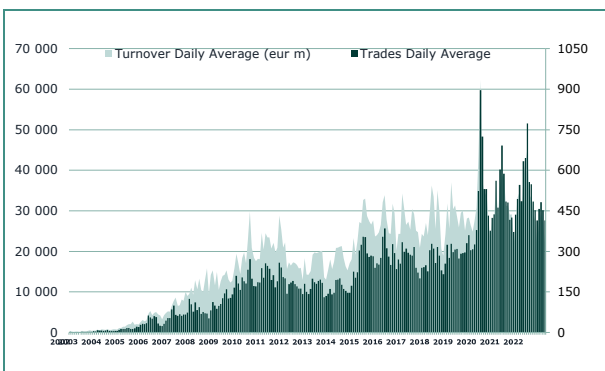
MOST TRADED IN THE YEAR BY TURNOVER AND RELATIVE SPREAD

Name	Alphab.	ISIN	eur m	TURNOVER % TOT	BBO	SPREAD 25 000 €
1 WISDOMTREE WTI CRUDE OIL 2X DAILY LEV	LOIL	IE00BDD9Q840	2 395	2.0%	0.26%	0.31%
2 ISHARES CORE MSCI WORLD UCITS ETF ACC	SWDA	IE00B4LSY983	1 769	1.5%	0.05%	0.06%
3 WISDOMTREE NATURAL GAS 3X DAILY SHORT	3NGS	IE00B76BRD76	1 532	1.3%	1.12%	1.24%
4 WISDOMTREE FTSE MIB 3X DAILY SHORT	3ITS	IE00B873CW36	1 450	1.2%	0.13%	0.14%
5 ISHARES S&P 500 EUR HEDGED UCITS ETF ACC	IUSE	IE00B3ZWK18	1 417	1.2%	0.06%	0.06%
6 ISHARES CORE S&P 500 UCITS ETF USD ACC	CSSPX	IE00B5MR0887	1 410	1.2%	0.04%	0.04%
7 ISHARES HIGH YLD CORP UCITS ETF DIST	HYG	IE00B66F4759	1 251	1.0%	0.12%	0.13%
8 LYXOR FTSE MIB DAI -2X XBR UCITS ETF ACC	XBRMIB	FR0010446666	1 223	1.0%	0.08%	0.09%
9 WISDOMTREE NATURAL GAS 3X DAILY LEV	3NGL	IE00BLRPRG98	1 219	1.0%	0.76%	0.86%
10 WISDOMTREE FTSE MIB 3X DAILY LEVERAGED	3ITL	IE00B8BN3063	1 147	1.0%	0.14%	0.14%

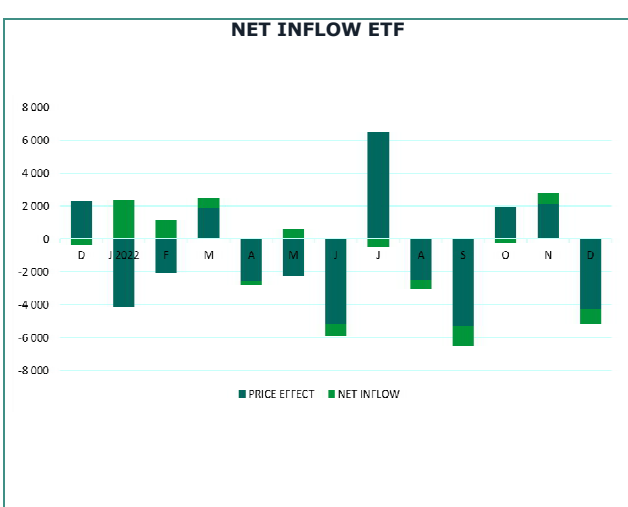
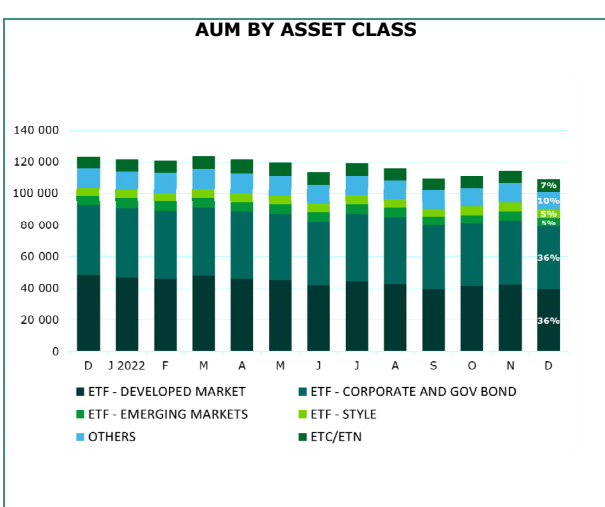
TRADING BY SIZE OF TURNOVER

SIZE OF TURNOVER	NOVEMBER 2022		DECEMBER 2022		YEAR 2022			
	Trades	Turnover eur m	Trades	Turnover eur m	Trades	% TOT	Turnover eur m	% TOT
- 500	112 265	25.9	115 678	26.6	1 446 015	16.1%	332.1	0.3%
500 1 000	74 042	54.7	68 426	49.9	943 722	10.5%	693.4	0.6%
1 000 2 000	92 959	134.3	79 756	114.8	1 280 314	14.3%	1 834.0	1.5%
2 000 3 000	59 249	146.3	51 954	127.8	820 474	9.1%	2 019.6	1.7%
3 000 4 000	35 768	123.9	30 518	106.1	504 205	5.6%	1 749.4	1.5%
4 000 5 000	33 490	152.0	28 040	126.8	462 968	5.2%	2 098.0	1.7%
5 000 6 000	33 441	182.9	27 067	148.8	408 761	4.6%	2 231.8	1.9%
6 000 7 000	20 473	131.9	17 157	110.8	274 137	3.1%	1 770.8	1.5%
7 000 8 000	16 455	123.5	13 274	99.7	227 815	2.5%	1 707.5	1.4%
8 000 9 000	13 751	116.7	11 355	96.1	190 669	2.1%	1 618.8	1.3%
9 000 10 000	14 883	142.1	11 378	108.5	202 517	2.3%	1 932.8	1.6%
10 000 15 000	46 262	554.8	38 447	462.7	653 895	7.3%	7 849.8	6.5%
15 000 20 000	23 149	407.5	20 343	357.6	348 093	3.9%	6 106.4	5.1%
20 000 25 000	15 913	351.6	12 396	274.8	231 336	2.6%	5 140.0	4.3%
25 000 30 000	10 360	283.7	8 001	218.5	157 409	1.8%	4 289.5	3.6%
30 000 35 000	7 917	255.2	5 614	181.3	102 581	1.1%	3 312.4	2.7%
35 000 40 000	5 932	222.3	4 485	168.2	86 732	1.0%	3 254.3	2.7%
40 000 45 000	5 263	222.6	4 176	177.1	72 549	0.8%	3 074.6	2.6%
45 000 50 000	4 971	236.8	4 165	198.6	71 970	0.8%	3 430.5	2.8%
50 000 75 000	15 704	934.5	11 160	660.7	205 229	2.3%	12 262.1	10.2%
75 000 100 000	6 983	604.9	5 067	441.6	101 478	1.1%	8 820.4	7.3%
100 000 125 000	4 622	504.7	3 311	363.9	61 337	0.7%	6 720.2	5.6%
125 000 150 000	2 094	288.0	1 782	245.1	29 746	0.3%	4 080.7	3.4%
150 000	6 994	2 702.7	5 700	2 109.0	95 858	1.1%	34 229.0	28.4%
TOTAL	662 940	8 903.5	579 250	6 975.1	8 979 810		120 558.3	

TRADING EVOLUTION



FOCUS



SPREAD

	SPREAD							
	BBO		5 000 C		15 000 C		25 000 C	
	SPREAD	% OBSER	SPREAD	% OBSER	SPREAD	% OBSER	SPREAD	% OBSER
ETF - DEVELOPED MARKET	0.14%	99.97%	0.14%	99.97%	0.15%	99.95%	0.16%	99.91%
EQUITY ITALY	0.11%	99.99%	0.12%	99.98%	0.12%	99.98%	0.12%	99.97%
EQUITY EUROPE - REGIONAL	0.12%	99.99%	0.13%	99.99%	0.13%	99.98%	0.14%	99.96%
EQUITY EUROPE - SINGLE COUNTRY	0.17%	99.99%	0.17%	99.99%	0.18%	99.96%	0.18%	99.94%
EQUITY WORLD	0.16%	99.97%	0.16%	99.96%	0.17%	99.92%	0.18%	99.86%
EQUITY NORTH AMERICA	0.13%	99.96%	0.13%	99.96%	0.14%	99.94%	0.15%	99.91%
EQUITY PACIFIC	0.23%	99.99%	0.24%	99.98%	0.25%	99.96%	0.26%	99.90%
EQUITY SHORT (DEVELOPED)	0.08%	99.98%	0.08%	99.97%	0.08%	99.95%	0.08%	99.94%
BUYWRITE - COVERED CALL	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LEVERAGED LONG	0.11%	99.95%	0.11%	99.96%	0.11%	99.95%	0.11%	99.94%
LEVERAGED SHORT	0.10%	99.95%	0.11%	99.95%	0.11%	99.93%	0.12%	99.82%
PROTECTIVE PUT	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ETF - EMERGING MARKETS	0.33%	99.99%	0.34%	99.96%	0.36%	99.90%	0.38%	99.70%
EQUITY EMERGING - AFRICA/MIDDLE EAST	0.67%	100.00%	0.72%	99.65%	0.70%	98.92%	0.73%	98.58%
EQUITY EMERGING - ASIA	0.39%	99.99%	0.41%	99.97%	0.44%	99.90%	0.46%	99.61%
EQUITY EMERGING - CENTRE/SOUTH AMERICA	0.54%	99.99%	0.56%	99.94%	0.59%	99.51%	0.61%	99.25%
EQUITY EMERGING - EAST EUROPE	0.60%	99.96%	0.63%	99.97%	0.66%	99.95%	0.69%	99.76%
EQUITY EMERGING - WORLD	0.26%	99.99%	0.27%	99.96%	0.29%	99.92%	0.30%	99.80%
EQUITY SHORT (EMERGING)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ETF - CORPORATE GOVERNMENT BONDS	0.16%	99.99%	0.16%	99.97%	0.18%	99.90%	0.18%	99.76%
INFLATION	0.20%	99.99%	0.21%	99.97%	0.23%	99.85%	0.23%	99.69%
LIQUIDITY	0.04%	100.00%	0.04%	100.00%	0.05%	99.99%	0.05%	99.97%
CORPORATE BOND - EURO	0.10%	99.99%	0.10%	99.99%	0.11%	99.88%	0.11%	99.70%
CORPORATE BOND - EX EURO	0.33%	99.99%	0.35%	99.98%	0.37%	99.93%	0.38%	99.87%
CORPORATE BOND - EMERGING	0.34%	99.99%	0.35%	99.98%	0.41%	99.95%	0.44%	99.86%
CORPORATE BOND - WORLD	0.22%	100.00%	0.22%	99.99%	0.31%	99.94%	0.36%	99.91%
CORPORATE BOND - HIGH YIELD	0.22%	100.00%	0.23%	99.96%	0.25%	99.92%	0.26%	99.78%
AGGREGATE BOND	0.28%	100.00%	0.29%	99.96%	0.32%	99.83%	0.34%	99.58%
BOND SHORT	0.15%	99.99%	0.16%	99.99%	0.16%	99.95%	0.16%	99.95%
BOND LEVERAGED LONG	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
BOND LEVERAGED SHORT	0.14%	99.98%	0.14%	99.98%	0.14%	99.98%	0.15%	99.95%
GOVERNMENT BONDS - EMERGING	0.27%	99.99%	0.27%	99.93%	0.30%	99.78%	0.31%	99.36%
GOVERNMENT BONDS - EURO	0.08%	99.99%	0.08%	99.99%	0.08%	99.98%	0.09%	99.95%
GOVERNMENT BONDS - ITALY	0.10%	99.98%	0.11%	99.98%	0.11%	99.98%	0.12%	99.98%
GOVERNMENT BONDS - WORLD	0.22%	99.98%	0.23%	99.97%	0.24%	99.83%	0.24%	99.75%
GOVERNMENT BONDS - EX EURO	0.15%	99.98%	0.15%	99.96%	0.16%	99.94%	0.17%	99.90%
ETF - STYLE	0.19%	99.99%	0.19%	99.97%	0.20%	99.94%	0.20%	99.88%
EQUITY STYLE (DEVELOPED)	0.18%	99.99%	0.19%	99.97%	0.19%	99.95%	0.20%	99.89%
EQUITY STYLE (EMERGING)	0.65%	99.99%	0.62%	99.56%	0.65%	99.12%	0.64%	98.22%
ETF - OTHERS	0.23%	99.98%	0.24%	99.94%	0.26%	99.36%	0.27%	98.95%
EQUITY SECTORS (DEVELOPED)	0.17%	99.99%	0.17%	99.99%	0.18%	99.98%	0.19%	99.97%
EQUITY SECTORS (EMERGING)	0.38%	99.99%	0.44%	99.99%	0.50%	99.80%	0.56%	99.46%
EQUITY THEMATIC	0.25%	99.98%	0.27%	99.91%	0.29%	98.97%	0.29%	98.44%
COMMODITIES	0.21%	99.99%	0.22%	99.97%	0.23%	99.97%	0.23%	99.93%
CREDIT INDICES	0.24%	100.00%	0.24%	100.00%	0.34%	100.00%	0.37%	100.00%
REAL ESTATE	0.22%	99.99%	0.23%	99.98%	0.24%	99.97%	0.25%	99.91%
LEVERAGED CREDIT INDICES	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VOLATILITY INDICES	0.38%	99.99%	0.39%	99.98%	0.40%	99.87%	0.41%	97.61%
CURRENCIES INDICES	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FLEXIBLE	0.49%	100.00%	0.53%	99.94%	0.68%	98.70%	0.75%	97.87%
MULTI ASSET	0.28%	100.00%	0.30%	99.99%	0.34%	98.65%	0.38%	96.28%
ETF	0.17%	99.98%	0.18%	99.97%	0.19%	99.86%	0.20%	99.73%

Data obtained from 1 minute snapshots of the trading book (5 levels) during trading days of the relevant month.

Market Spread: means the difference between bid and ask prices divided by the mid quote at which it was possible to buy and sell simultaneously the relevant amount.

% Obser: means the percentage of observations at which it would be possible to buy and sell simultaneously the relevant amount.

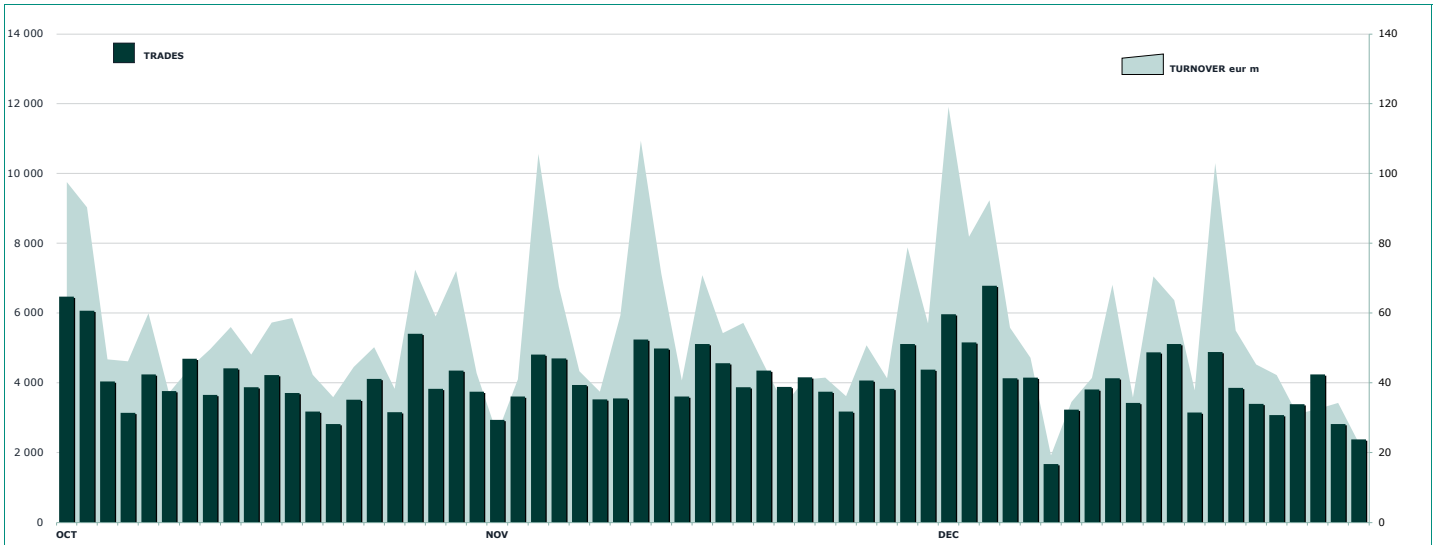
The average showed is the weighted average on AUM deposited in Monte Titoli is used: it's the average calculated taking into account the AUM (asset under management) deposited in Monte Titoli.

News

ETFplus AUM reached €109.21bn (-11.33% vs December 2021).

ETF AUM €101.19bn (-12.65% vs December 2021).

ESG INSTRUMENTS DAILY TURNOVER



MOST TRADED ESG INSTRUMENTS IN THE MONTH BY TRADES AND RELATIVE SPREAD

Name	Trading Code	ISIN	TRADES number	% TOT	BBO	SPREAD 25 000 C
1 LYR MSCI USA ESG LEAD EXTRA DR UCITS ETF	UESG	LU1792117696	4 477	5.4%	0.09%	0.22%
2 ISHARES GLOBAL CLEAN ENERGY UCITS ETF	INRG	IE00B1XNHC34	4 121	4.9%	0.12%	0.13%
3 AMUNDI EURO CORP SRI 0-3 Y UCITS ETF D	ECRP3	LU2037748774	3 699	4.4%	0.09%	0.11%
4 VANECK SEMICONDUCTOR UCITS ETF	SMH	IE00BMC38736	3 447	4.1%	0.19%	0.21%
5 XTRACKERS EUR CORP B SRI PAB UCITS ETF	XB4F	LU0484968812	1 944	2.3%	0.10%	0.11%

MOST TRADED ESG INSTRUMENTS IN THE MONTH BY TURNOVER AND RELATIVE SPREAD

Name	Trading Code	ISIN	TURNOVER eur m	% TOT	BBO	SPREAD 25 000 C
1 AMUNDI EURO CORP SRI 0-3 Y UCITS ETF D	ECRP3	LU2037748774	89.3	7.9%	0.09%	0.11%
2 AMUNDI MSCI WORLD SRI PAB DR UCITS ETF	WSRI	LU1861134382	61.4	5.4%	0.16%	0.18%
3 ISHARES GLOBAL CLEAN ENERGY UCITS ETF	INRG	IE00B1XNHC34	52.0	4.6%	0.12%	0.13%
4 AMUNDI INDEX EURO CORP SRI UCITS ETF	ECRP	LU1437018168	40.6	3.6%	0.11%	0.12%
5 FRANKLIN EURO SHORT MATURITY UCITS ETF	FLES	IE00BFWXDY69	37.7	3.3%	0.04%	0.04%

MOST TRADED ESG INSTRUMENTS IN THE YEAR BY TRADES AND RELATIVE SPREAD

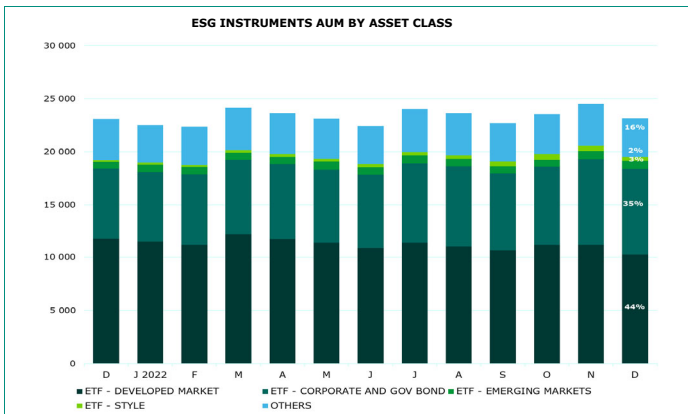
Name	Trading Code	ISIN	TRADES number	% TOT	BBO	SPREAD 25 000 C
1 ISHARES GLOBAL CLEAN ENERGY UCITS ETF	INRG	IE00B1XNHC34	85 338	7.6%	0.12%	0.13%
2 VANECK SEMICONDUCTOR UCITS ETF	SMH	IE00BMC38736	41 836	3.7%	0.19%	0.21%
3 L&G HYDROGEN ECONOMY UCITS ETF	HTWO	IE00BMYDM794	37 547	3.4%	0.27%	0.35%
4 L&G BATTERY VALUE-CHAIN UCITS ETF	BATT	IE00BF0M2Z96	30 897	2.8%	0.18%	0.19%
5 ISHARES AUTOMAT & ROBOTICS UCITS ETF ACC	RBOT	IE00BYZK4552	25 056	2.2%	0.15%	0.17%

MOST TRADED ESG INSTRUMENTS IN THE YEAR BY TURNOVER AND RELATIVE SPREAD

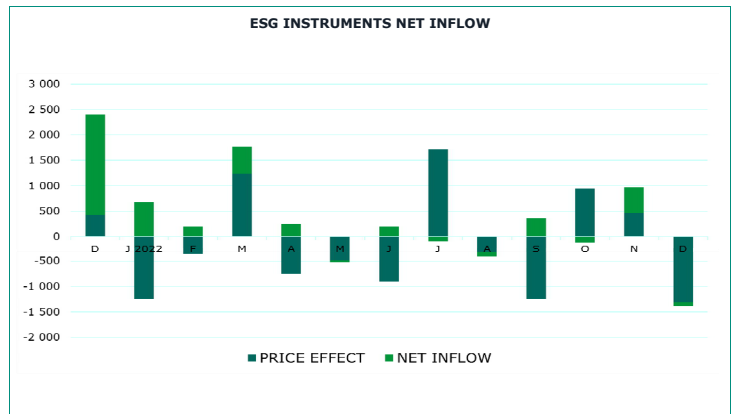
Name	Trading Code	ISIN	TURNOVER eur m	% TOT	BBO	SPREAD 25 000 C
1 ISHARES GLOBAL CLEAN ENERGY UCITS ETF	INRG	IE00B1XNHC34	880.3	5.9%	0.12%	0.13%
2 VANECK SEMICONDUCTOR UCITS ETF	SMH	IE00BMC38736	493.1	3.3%	0.19%	0.21%
3 L&G HYDROGEN ECONOMY UCITS ETF	HTWO	IE00BMYDM794	169.6	1.1%	0.27%	0.35%
4 L&G BATTERY VALUE-CHAIN UCITS ETF	BATT	IE00BF0M2Z96	234.6	1.6%	0.18%	0.19%
5 ISHARES AUTOMAT & ROBOTICS UCITS ETF ACC	RBOT	IE00BYZK4552	168.6	1.1%	0.15%	0.17%

FOCUS

ESG INSTRUMENTS AUM BY ASSET CLASS



ESG INSTRUMENTS NET INFLOW



At the moment the instruments on ETPlus that can be classified as "Sustainable" are all ETFs.

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