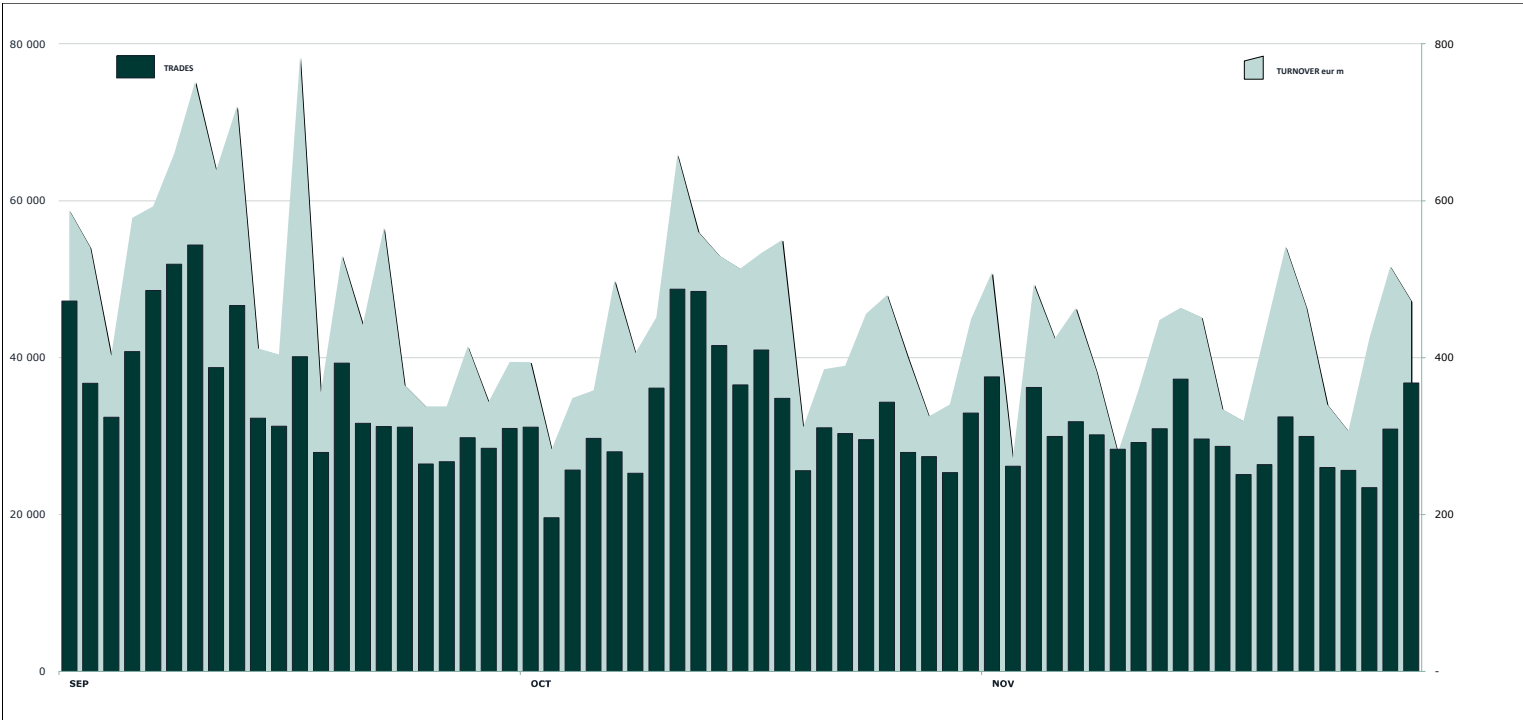


**ETFPlus Statistics**
**November 2022**
**ETFPLUS DAILY TURNOVER**

**MAIN INDICATORS**

	LISTED INSTRUMENT				TRADING					
	LISTED END OF MONTH	MONTH NEW LISTED	AUM in MT		OCTOBER 2022		NOVEMBER 2022		JAN - NOV 2022	
			eur m 31/10/2022	eur m 30/11/2022	Trades	Turnover eur m	Trades	Turnover eur m	Trades	Turnover eur m
ETF - DEVELOPED MARKET	452	1	41 516.68	42 256.96	172 778	2 876.75	148 545	2 850.81	1 823 436	34 144.53
ETF - CORPORATE AND GOV BOND	421	8	39 727.37	40 932.33	128 390	2 500.91	129 517	2 415.89	1 471 566	28 365.91
ETF - EMERGING MARKETS	126	0	5 115.34	5 726.82	28 367	319.32	30 681	340.41	374 625	4 504.62
ETF - STYLE	119	1	5 554.78	5 614.24	18 647	379.48	19 541	281.99	253 213	3 710.62
OTHERS	320	0	11 662.74	11 805.50	103 476	1 039.80	108 033	1 075.35	1 579 274	15 734.90
ETC/ETN	326	6	7 642.09	7 835.15	223 153	2 202.24	226 623	1 939.10	2 898 446	27 122.59
<b>TOTAL</b>	<b>1 764</b>	<b>16</b>	<b>111 218.99</b>	<b>114 170.99</b>	<b>674 811</b>	<b>9 318.49</b>	<b>662 940</b>	<b>8 903.54</b>	<b>8 400 560</b>	<b>113 583.18</b>
<i>of which RFQ</i>						<b>968.73</b>		<b>816.39</b>		<b>6 812.74</b>

**MOST TRADED IN THE MONTH BY TRADES AND RELATIVE SPREAD**

Name	Alphab.	ISIN	TRADES		SPREAD	
			number	% TOT	BBO	25 000 C
1 WISDOMTREE NATURAL GAS 3X DAILY SHORT	3NGS	IE00B768RD76	20 575	2.1%	1.75%	1.79%
2 WISDOMTREE NATURAL GAS 3X DAILY LEV	3NGL	IE00BLRPRG98	16 040	2.4%	0.76%	0.93%
3 WISDOMTREE WTI CRUDE OIL 3X DAILY SHO	3OIS	IE00BMTM6C49	12 367	1.9%	0.34%	0.59%
4 WISDOMTREE NASDAQ 100 3X DAILY LEVERAGED	QQQ3	IE00BLRPR42	8 776	1.3%	0.17%	0.17%
5 WISDOMTREE FTSE MIB 3X DAILY SHORT	3ITS	IE00B873CW36	8 420	1.3%	0.12%	0.13%
6 WISDOMTREE WTI CRUDE OIL 2X DAILY LEV	LOIL	IE00B0D9Q840	8 211	1.2%	0.17%	0.18%
7 WISDOMTREE WTI CRUDE OIL 3X DAILY L	3OIL	IE00BMTM6832	8 025	1.2%	0.62%	0.84%
8 LYXOR FTSEMIB DAI -2X XBR UCITS ETF ACC	XBRMIB	FR0010446666	7 519	1.1%	0.07%	0.08%
9 WISDOMTREE EURO STOXX BANKS 3X DAILY LEV	3BAL	IE00BL509H40	7 456	1.1%	0.26%	0.28%
10 WISDOMTREE FTSE MIB 3X DAILY LEVERAGED	3ITL	IE00B8NB3063	6 765	1.0%	0.13%	0.13%

**MOST TRADED IN THE MONTH BY TURNOVER AND RELATIVE SPREAD**

Name	Alphab.	ISIN	TURNOVER		SPREAD	
			eur m	% TOT	BBO	25 000 C
1 ISHARES S&P 500 EUR HEDGED UCITS ETF ACC	IUSE	IE00B32W0K18	143	1.6%	1.75%	1.79%
2 WISDOMTREE NATURAL GAS 3X DAILY SHORT	3NGS	IE00B768RD76	126	1.4%	0.03%	0.04%
3 ISHARES CORE S&P 500 UCITS ETF USD ACC	CSSPX	IE00B58MR087	124	1.4%	0.17%	0.18%
4 WISDOMTREE WTI CRUDE OIL 2X DAILY LEV	LOIL	IE00B0D9Q840	121	1.4%	0.05%	0.05%
5 ISHARES CORE MSCI WORLD UCITS ETF ACC	SWDA	IE00B4L5Y983	118	1.3%	0.17%	0.17%
6 WISDOMTREE NASDAQ 100 3X DAILY LEVERAGED	QQQ3	IE00BLRPR42	117	1.3%	0.09%	0.09%
7 ISHARES MSCI WORLD EUR HDG UCITS ETF ACC	IWOE	IE00B4169799	106	1.2%	0.06%	0.06%
8 INVESCO PHYSICAL GOLD ETC	SGLD	IE00B579F325	106	1.2%	0.03%	0.03%
9 ISHARES CONES&P500ES(DIST) UCITS ETF	IUSA	IE0031442068	91	1.0%	0.03%	0.03%
10 WISDOMTREE NATURAL GAS 3X DAILY LEV	3NGL	IE00BLRPRG98	90	1.0%	0.76%	0.93%

**MOST TRADED IN THE YEAR BY TRADES AND RELATIVE SPREAD**

Name	Alphab.	ISIN	TRADES		SPREAD	
			number	% TOT	BBO	25 000 C
1 WISDOMTREE NATURAL GAS 3X DAILY SHORT	3NGS	IE00B768RD76	212 521	2.5%	1.09%	1.22%
2 WISDOMTREE NATURAL GAS 3X DAILY LEV	3NGL	IE00BLRPRG98	139 953	1.7%	0.76%	0.85%
3 WISDOMTREE FTSE MIB 3X DAILY SHORT	3ITS	IE00B873CW36	130 691	1.6%	0.13%	0.14%
4 WISDOMTREE WTI CRUDE OIL 3X DAILY SHO	3OIS	IE00BMTM6C49	121 313	1.4%	0.44%	0.55%
5 WISDOMTREE S&P 500 VIX 2.5X DAILY LEV	VIXL	IE00BLRPRH06	109 939	1.3%	0.57%	0.74%
6 WISDOMTREE EURO STOXX BANKS 3X DAILY LEV	3BAL	IE00BL509H40	103 112	1.2%	0.30%	0.32%
7 WISDOMTREE FTSE MIB 3X DAILY LEVERAGED	3ITL	IE00B8NB3063	95 223	1.1%	0.14%	0.14%
8 LYXOR FTSEMIB DAI -2X XBR UCITS ETF ACC	XBRMIB	FR0010446666	94 134	1.1%	0.08%	0.09%
9 WISDOMTREE WTI CRUDE OIL 2X DAILY LEV	LOIL	IE00B0D9Q840	92 831	1.1%	0.26%	0.31%
10 WISDOMTREE NASDAQ 100 3X DAILY LEVERAGED	QQQ3	IE00BLRPR42	81 381	1.0%	0.20%	0.20%

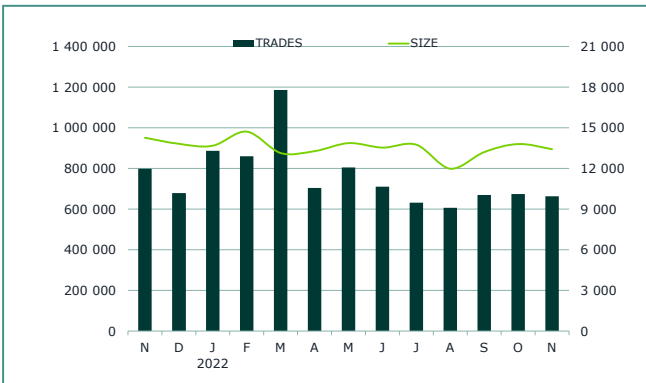
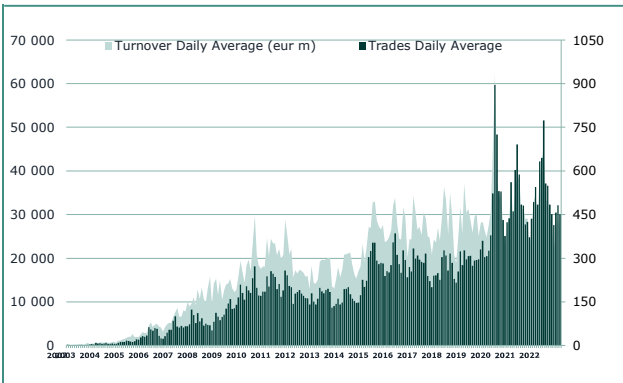
**MOST TRADED IN THE YEAR BY TURNOVER AND RELATIVE SPREAD**

Name	Alphab.	ISIN	TURNOVER		SPREAD	
			eur m	% TOT	BBO	25 000 C
1 WISDOMTREE WTI CRUDE OIL 2X DAILY LEV	LOIL	IE00B0D9Q840	2 316	2.0%	0.26%	0.31%
2 ISHARES CORE MSCI WORLD UCITS ETF ACC	SWDA	IE00B4L5Y983	1 685	1.5%	0.05%	0.06%
3 WISDOMTREE FTSE MIB 3X DAILY SHORT	3ITS	IE00B873CW36	1 397	1.2%	0.13%	0.14%
4 ISHARES S&P 500 EUR HEDGED UCITS ETF ACC	IUSE	IE00B32W0K18	1 345	1.2%	0.06%	0.07%
5 ISHARES CORE S&P 500 UCITS ETF USD ACC	CSSPX	IE00B58MR087	1 321	1.2%	0.04%	0.05%
6 WISDOMTREE NATURAL GAS 3X DAILY SHORT	3NGS	IE00B768RD76	1 297	1.1%	1.09%	1.22%
7 ISHARES HIGH YLD CORP UCITS ETF DIST	IHYG	IE00B66F4759	1 188	1.0%	0.12%	0.13%
8 LYXOR FTSEMIB DAI -2X XBR UCITS ETF ACC	XBRMIB	FR0010446666	1 177	1.0%	0.08%	0.09%
9 WISDOMTREE NATURAL GAS 3X DAILY LEV	3NGL	IE00BLRPRG98	1 119	1.0%	0.76%	0.85%
10 WISDOMTREE FTSE MIB 3X DAILY LEVERAGED	3ITL	IE00B8NB3063	1 095	1.0%	0.14%	0.14%

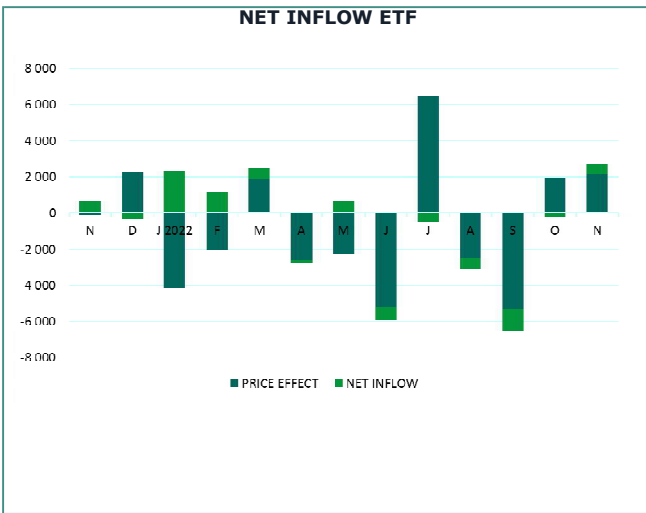
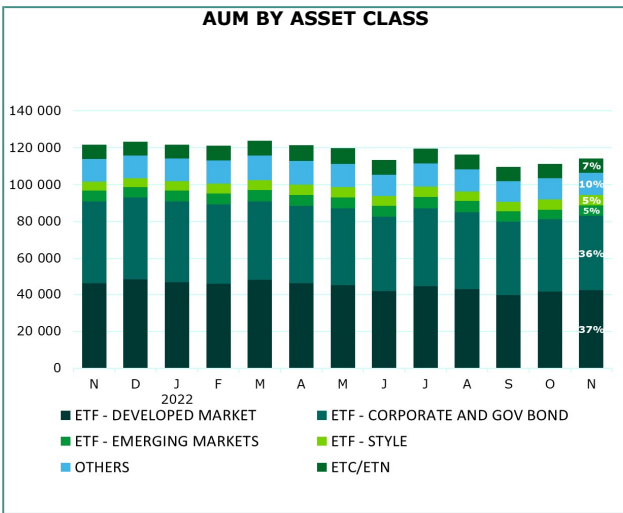
**TRADING BY SIZE OF TURNOVER**

SIZE OF TURNOVER		OCTOBER 2022		NOVEMBER 2022		YEAR 2022			
		Trades	Turnover eur m	Trades	Turnover eur m	Trades	% TOT	Turnover eur m	% TOT
-	500	111 130	25.8	112 265	25.9	1 330 337	15.8%	305.6	0.3%
500	1 000	74 266	54.2	74 042	54.7	875 296	10.4%	643.5	0.6%
1 000	2 000	100 314	143.3	92 959	134.3	1 200 558	14.3%	1 719.2	1.5%
2 000	3 000	61 759	152.8	59 249	146.3	768 520	9.1%	1 891.8	1.7%
3 000	4 000	34 790	120.4	35 768	123.9	473 687	5.6%	1 643.3	1.4%
4 000	5 000	32 942	149.6	33 490	152.0	434 928	5.2%	1 971.1	1.7%
5 000	6 000	32 556	177.9	33 441	182.9	381 694	4.5%	2 083.0	1.8%
6 000	7 000	20 959	134.9	20 473	131.9	256 980	3.1%	1 660.0	1.5%
7 000	8 000	16 327	122.2	16 455	123.5	214 541	2.6%	1 607.8	1.4%
8 000	9 000	17 420	148.4	13 751	116.7	179 314	2.1%	1 522.7	1.3%
9 000	10 000	15 371	145.4	14 883	142.1	191 139	2.3%	1 824.3	1.6%
10 000	15 000	46 136	555.6	46 262	554.8	615 448	7.3%	7 387.2	6.5%
15 000	20 000	22 407	391.8	23 149	407.5	327 750	3.9%	5 748.8	5.1%
20 000	25 000	15 726	347.3	15 913	351.6	218 940	2.6%	4 865.2	4.3%
25 000	30 000	11 039	301.4	10 360	283.7	149 408	1.8%	4 071.0	3.6%
30 000	35 000	7 392	239.0	7 917	255.2	96 967	1.2%	3 131.1	2.8%
35 000	40 000	6 272	235.7	5 932	222.3	82 247	1.0%	3 086.1	2.7%
40 000	45 000	5 000	211.6	5 263	222.6	68 373	0.8%	2 897.4	2.6%
45 000	50 000	4 640	221.0	4 971	236.8	67 805	0.8%	3 231.9	2.8%
50 000	75 000	15 753	931.0	15 704	934.5	194 069	2.3%	11 601.5	10.2%
75 000	100 000	7 466	649.0	6 983	604.9	96 411	1.1%	8 378.7	7.4%
100 000	125 000	4 960	541.1	4 622	504.7	58 026	0.7%	6 356.3	5.6%
125 000	150 000	2 331	316.8	2 094	288.0	27 964	0.3%	3 835.6	3.4%
150 000		7 855	3 002.0	6 994	2 702.7	90 158	1.1%	32 120.0	28.3%
<b>TOTAL</b>		<b>674 811</b>	<b>9 318.5</b>	<b>662 940</b>	<b>8 903.5</b>	<b>8 400 560</b>		<b>113 583.2</b>	

**TRADING EVOLUTION**



**FOCUS**



## SPREAD

	SPREAD							
	BBO		5 000 €		15 000 €		25 000 €	
	SPREAD	% OBSER	SPREAD	% OBSER	SPREAD	% OBSER	SPREAD	% OBSER
<b>ETF - DEVELOPED MARKET</b>	<b>0.12%</b>	<b>99.97%</b>	<b>0.12%</b>	<b>99.97%</b>	<b>0.13%</b>	<b>99.95%</b>	<b>0.14%</b>	<b>99.93%</b>
EQUITY ITALY	0.10%	99.98%	0.10%	99.97%	0.10%	99.97%	0.10%	99.97%
EQUITY EUROPE - REGIONAL	0.11%	99.99%	0.11%	99.98%	0.11%	99.98%	0.12%	99.96%
EQUITY EUROPE - SINGLE COUNTRY	0.14%	99.99%	0.14%	99.99%	0.15%	99.96%	0.15%	99.92%
EQUITY WORLD	0.14%	99.98%	0.14%	99.97%	0.14%	99.94%	0.15%	99.88%
EQUITY NORTH AMERICA	0.11%	99.96%	0.11%	99.95%	0.12%	99.95%	0.12%	99.93%
EQUITY PACIFIC	0.21%	99.99%	0.22%	99.99%	0.23%	99.98%	0.24%	99.93%
EQUITY SHORT (DEVELOPED)	0.07%	99.97%	0.07%	99.97%	0.07%	99.97%	0.07%	99.96%
BUYWRITE - COVERED CALL	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LEVERAGED LONG	0.09%	99.94%	0.10%	99.94%	0.10%	99.93%	0.10%	99.92%
LEVERAGED SHORT	0.09%	99.94%	0.09%	99.94%	0.10%	99.93%	0.10%	99.80%
PROTECTIVE PUT	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>ETF - EMERGING MARKETS</b>	<b>0.28%</b>	<b>99.98%</b>	<b>0.28%</b>	<b>99.95%</b>	<b>0.31%</b>	<b>99.89%</b>	<b>0.32%</b>	<b>99.78%</b>
EQUITY EMERGING - AFRICA/MIDDLE EAST	0.99%	99.90%	0.95%	98.08%	0.84%	96.56%	0.85%	96.32%
EQUITY EMERGING - ASIA	0.33%	99.97%	0.35%	99.95%	0.37%	99.86%	0.38%	99.68%
EQUITY EMERGING - CENTRE/SOUTH AMERICA	0.47%	99.98%	0.50%	99.94%	0.54%	99.83%	0.56%	99.66%
EQUITY EMERGING - EAST EUROPE	0.55%	99.95%	0.58%	99.94%	0.61%	99.93%	0.64%	99.49%
EQUITY EMERGING - WORLD	0.21%	99.98%	0.22%	99.97%	0.24%	99.95%	0.25%	99.89%
EQUITY SHORT (EMERGING)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>ETF - CORPORATE GOVERNMENT BONDS</b>	<b>0.15%</b>	<b>99.99%</b>	<b>0.16%</b>	<b>99.98%</b>	<b>0.17%</b>	<b>99.94%</b>	<b>0.18%</b>	<b>99.84%</b>
INFLATION	0.22%	99.99%	0.23%	99.98%	0.24%	99.96%	0.24%	99.81%
LIQUIDITY	0.04%	99.98%	0.04%	99.98%	0.04%	99.98%	0.05%	99.95%
CORPORATE BOND - EURO	0.10%	100.00%	0.10%	100.00%	0.11%	99.97%	0.11%	99.92%
CORPORATE BOND - EX EURO	0.25%	99.99%	0.27%	99.98%	0.28%	99.95%	0.29%	99.92%
CORPORATE BOND - EMERGING	0.35%	100.00%	0.36%	99.96%	0.41%	99.89%	0.43%	99.74%
CORPORATE BOND - WORLD	0.22%	100.00%	0.24%	100.00%	0.33%	99.98%	0.36%	99.96%
CORPORATE BOND - HIGH YIELD	0.22%	99.99%	0.23%	99.98%	0.24%	99.93%	0.25%	99.82%
AGGREGATE BOND	0.27%	99.99%	0.28%	99.97%	0.31%	99.93%	0.32%	99.51%
BOND SHORT	0.17%	100.00%	0.18%	100.00%	0.18%	100.00%	0.19%	99.98%
BOND LEVERAGED LONG	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
BOND LEVERAGED SHORT	0.14%	99.99%	0.14%	99.99%	0.14%	99.99%	0.15%	99.99%
GOVERNMENT BONDS - EMERGING	0.27%	99.99%	0.28%	99.93%	0.30%	99.82%	0.32%	99.44%
GOVERNMENT BONDS - EURO	0.08%	99.99%	0.08%	99.99%	0.08%	99.98%	0.09%	99.96%
GOVERNMENT BONDS - ITALY	0.12%	99.99%	0.12%	99.98%	0.12%	99.95%	0.13%	99.94%
GOVERNMENT BONDS - WORLD	0.20%	99.99%	0.20%	99.97%	0.21%	99.89%	0.21%	99.82%
GOVERNMENT BONDS - EX EURO	0.15%	99.99%	0.15%	99.97%	0.17%	99.90%	0.17%	99.83%
<b>ETF - STYLE</b>	<b>0.17%</b>	<b>99.99%</b>	<b>0.17%</b>	<b>99.97%</b>	<b>0.18%</b>	<b>99.94%</b>	<b>0.18%</b>	<b>99.90%</b>
EQUITY STYLE (DEVELOPED)	0.16%	99.99%	0.17%	99.97%	0.17%	99.95%	0.18%	99.90%
EQUITY STYLE (EMERGING)	0.64%	100.00%	0.60%	99.51%	0.64%	99.03%	0.64%	98.13%
<b>ETF - OTHERS</b>	<b>0.22%</b>	<b>99.98%</b>	<b>0.23%</b>	<b>99.85%</b>	<b>0.25%</b>	<b>99.45%</b>	<b>0.26%</b>	<b>99.09%</b>
EQUITY SECTORS (DEVELOPED)	0.16%	99.99%	0.16%	99.98%	0.17%	99.98%	0.18%	99.95%
EQUITY SECTORS (EMERGING)	0.36%	99.98%	0.41%	99.97%	0.47%	99.96%	0.52%	98.67%
EQUITY THEMATIC	0.24%	99.97%	0.26%	99.75%	0.28%	99.10%	0.29%	98.68%
COMMODITIES	0.21%	99.97%	0.22%	99.96%	0.22%	99.95%	0.22%	99.90%
CREDIT INDICES	0.23%	100.00%	0.23%	99.99%	0.31%	99.99%	0.33%	99.99%
REAL ESTATE	0.21%	100.00%	0.22%	99.99%	0.23%	99.96%	0.24%	99.91%
LEVERAGED CREDIT INDICES	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VOLATILITY INDICES	0.23%	99.99%	0.25%	99.99%	0.26%	99.65%	0.27%	97.18%
CURRENCIES INDICES	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FLEXIBLE	0.49%	100.00%	0.51%	99.87%	0.64%	99.78%	0.70%	99.31%
MULTI ASSET	0.27%	99.99%	0.29%	99.97%	0.32%	99.45%	0.36%	96.60%
<b>ETF</b>	<b>0.16%</b>	<b>99.98%</b>	<b>0.16%</b>	<b>99.96%</b>	<b>0.17%</b>	<b>99.89%</b>	<b>0.18%</b>	<b>99.79%</b>

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.

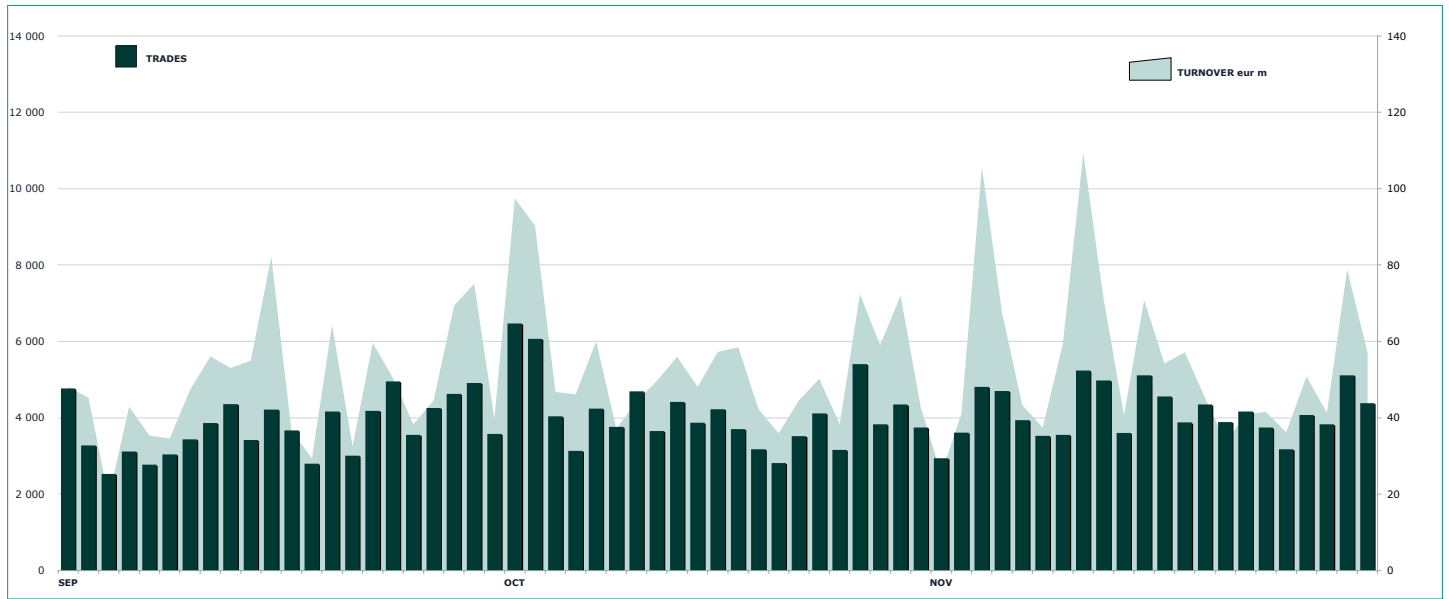
The average showed is the weighted average on AUM deposited in Monte Titoli is used: it's the average calculated taking into account the AUM (asset under management) deposited in Monte Titoli.

## News

ETFplus AUM reached €114.171bn (-6.13% vs November 2021).

ETF AUM €106.336bn (-6.61% vs November 2021).

ESG INSTRUMENTS DAILY TURNOVER



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

Name	Trading Code	ISIN	TRADES		SPREAD	
			number	% TOT	BBO	25 000 €
1 ISHARES GLOBAL CLEAN ENERGY UCITS ETF	INRG	IE00B1XNHC34	5 788	6.4%	0.11%	0.11%
2 VANECK SEMICONDUCTOR UCITS ETF	SMH	IE00BMC38736	3 854	4.2%	0.19%	0.20%
3 LXR MSCI USA ESG LEAD EXTRA DR UCITS ETF	UESG	LU1792117696	3 011	3.3%	0.07%	0.19%
4 L&G BATTERY VALUE-CHAIN UCITS ETF	BATT	IE00BF0M2296	2 607	2.9%	0.15%	0.16%
5 L&G HYDROGEN ECONOMY UCITS ETF	HTWO	IE00BMYDM794	2 164	2.4%	0.29%	0.36%

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

Name	Trading Code	ISIN	TURNOVER		SPREAD	
			eur m	% TOT	BBO	25 000 €
1 ISHARES GLOBAL CLEAN ENERGY UCITS ETF	INRG	IE00B1XNHC34	78.9	6.5%	0.11%	0.11%
2 ISHARES C CORP BOND ESG UCITS ETF	SUOE	IE00BYZVT56	76.9	6.4%	0.09%	0.09%
3 VANECK SEMICONDUCTOR UCITS ETF	SMH	IE00BMC38736	52.9	4.4%	0.19%	0.20%
4 AMUNDI EURO CORP SRI 0-3 Y UCITS ETF D	ECRP3	LU2037748774	48.0	4.0%	0.10%	0.12%
5 FRANKLIN LIBERTYQ EURO SH MAT UCITS ETF	FLES	IE00BFWXDY69	46.9	3.9%	0.05%	0.05%

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

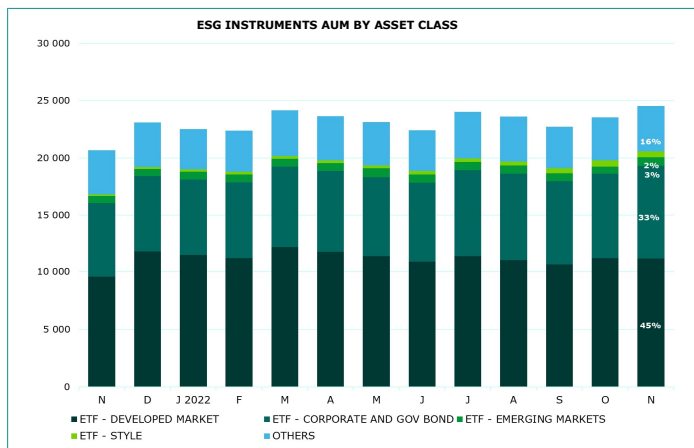
Name	Trading Code	ISIN	TRADES		SPREAD	
			number	% TOT	BBO	25 000 €
1 ISHARES GLOBAL CLEAN ENERGY UCITS ETF	INRG	IE00B1XNHC34	81 217	7.6%	0.11%	0.11%
2 VANECK SEMICONDUCTOR UCITS ETF	SMH	IE00BMC38736	38 389	3.7%	0.19%	0.20%
3 L&G HYDROGEN ECONOMY UCITS ETF	HTWO	IE00BMYDM794	35 864	3.5%	0.29%	0.36%
4 L&G BATTERY VALUE-CHAIN UCITS ETF	BATT	IE00BF0M2296	29 006	2.8%	0.15%	0.16%
5 ISHARES AUTOMAT & ROBOTICS UCITS ETF ACC	RBOT	IE00BYZK4552	23 973	2.3%	0.14%	0.15%

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

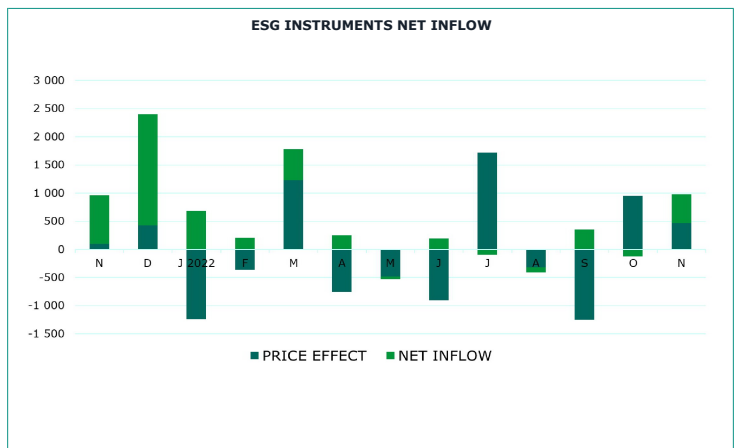
Name	Trading Code	ISIN	TURNOVER		SPREAD	
			eur m	% TOT	BBO	25 000 €
1 ISHARES GLOBAL CLEAN ENERGY UCITS ETF	INRG	IE00B1XNHC34	828.4	6.0%	0.11%	0.11%
2 VANECK SEMICONDUCTOR UCITS ETF	SMH	IE00BMC38736	459.5	3.3%	0.19%	0.20%
3 ISHARES MSCI USA SRI UCITS ETF USD ACC	SUAS	IE00BYVJRR92	408.1	2.9%	0.09%	0.10%
4 FRANKLIN LIBERTYQ EURO SH MAT UCITS ETF	FLES	IE00BFWXDY69	397.2	2.9%	0.05%	0.05%
5 AMUNDI EURO CORP SRI 0-3 Y UCITS ETF D	ECRP3	LU2037748774	346.3	2.5%	0.10%	0.12%

FOCUS

ESG INSTRUMENTS AUM BY ASSET CLASS



ESG INSTRUMENTS NET INFLOW



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

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