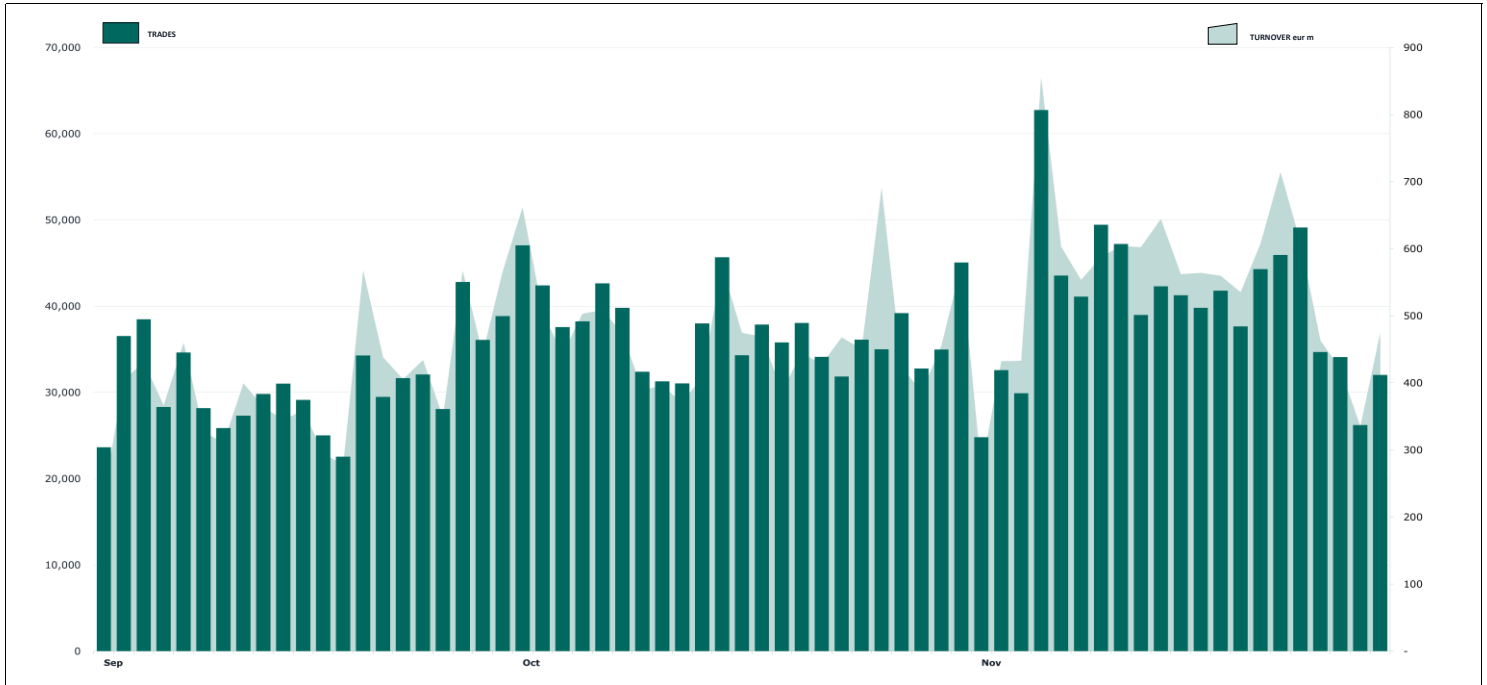


ETFPLUS DAILY TURNOVER

MAIN INDICATORS

	LISTED INSTRUMENT				TRADING					
	LISTED	MONTH	ADM in MT		OCTOBER 2024		NOVEMBER 2024		JAN - NOV 2024	
	END OF MONTH	NEW LISTED	eur m	eur m	Trades	Turnover	Trades	Turnover	Trades	Turnover
			31/10/2024	30/11/2024		eur m		eur m		eur m
ETF - DEVELOPED MARKET	619	8	66,086.86	72,312.94	232,880	3,933.06	239,248	4,695.75	2,181,416	35,363.90
ETF - CORPORATE AND GOV BOND	515	16	48,378.18	49,624.23	158,066	2,771.10	140,045	2,456.62	1,501,927	24,967.58
ETF - EMERGING MARKETS	144	3	7,109.11	7,363.50	64,250	612.10	40,835	418.55	496,282	3,982.37
OTHERS	351	5	12,342.62	13,169.36	139,619	1,233.64	151,736	1,422.76	1,416,461	11,946.84
ETC/ETN	357	0	8,873.54	8,563.80	266,680	2,340.82	267,953	2,438.79	2,269,797	19,838.23
TOTAL	1,986	32	142,790.32	151,033.83	861,495	10,890.72	839,817	11,432.47	7,865,883	96,098.923
	<i>of which RFQ</i>					562.76		447.83		3,819.00

MOST TRADED IN THE MONTH BY TRADES AND RELATIVE SPREAD

Name	Alphab.	ISIN	TRADES		SPREAD		
			number	% TOT	BBO	% TOT	25 000 €
1 WISDOMTREE NATURAL GAS 3X DAILY SHORT	3NGS	XS2819843223	18,456	2.2%	0.284%	0.321%	
2 WISDOMTREE NATURAL GAS 3X DAILY LEV	3NGL	XS2819843900	13,076	1.6%	0.275%	0.302%	
3 WISDOMTREE WTI CRUDE OIL 3X DAILY L	3OIL	IE00BMTM6832	12,471	1.5%	0.150%	0.155%	
4 ISHARES CORE MSCI WORLD UCITS ETF ACC	SWDA	IE00B4L5Y983	12,246	1.5%	0.029%	0.032%	
5 GRANITESHARES 3X LONG MICROSTRATEGY ETP	3LMI	XS2617255760	12,080	1.4%	2.038%	2.502%	
6 XTRACKERS II EUR OVNI RATE SWA UCITS ETF	XEON	LU0290358497	10,439	1.2%	0.004%	0.005%	
7 INVESCO PHYSICAL GOLD ETC	SGLD	IE00B579F325	9,802	1.2%	0.041%	0.042%	
8 ISHARES HIGH YLD CORP UCITS ETF DIST	IHYG	IE00B66F4759	8,661	1.0%	0.053%	0.062%	
9 VANGUARD S&P 500 UCITS ETF ACC	VUAA	IE00BPMXXD54	8,414	1.0%	0.031%	0.036%	
10 WISDOMTREE WTI CRUDE OIL 3X DAILY SHO	3OIS	XS2819844387	7,585	0.9%	0.171%	0.176%	

MOST TRADED IN THE MONTH BY TURNOVER AND RELATIVE SPREAD

Name	Alphab.	ISIN	TURNOVER		SPREAD		
			eur m	% TOT	BBO	% TOT	25 000 €
1 XTRACKERS II EUR OVNI RATE SWA UCITS ETF	XEON	LU0290358497	264	2.3%	0.004%	0.005%	
2 WISDOMTREE WTI CRUDE OIL 3X DAILY L	3OIL	IE00BMTM6832	195	1.7%	0.150%	0.155%	
3 ISHARES CORE MSCI WORLD UCITS ETF ACC	SWDA	IE00B4L5Y983	167	1.5%	0.029%	0.032%	
4 WISDOMTREE NATURAL GAS 3X DAILY LEVERAGED	3NGS	XS2819843223	140	1.2%	0.284%	0.321%	
5 ISHARES CORE S&P 500 UCITS ETF USD ACC	CSSPX	IE00B5BM0807	131	1.1%	0.027%	0.030%	
6 WISDOMTREE NASDAQ 100 3X DAILY LEVERAGED	QQQ3	IE00BLRRL42	131	1.1%	0.151%	0.157%	
7 WISDOMTREE WTI CRUDE OIL 3X DAILY SHO	3OIS	XS2819844387	125	1.1%	0.171%	0.176%	
8 XTRACKERS S&P 500 EQUAL WEIGHT UCITS ETF	XDEW	IE00BLNM4C90	123	1.1%	0.055%	0.059%	
9 ISHARES HIGH YLD CORP UCITS ETF DIST	IHYG	IE00B66F4759	114	1.0%	0.053%	0.062%	
10 INVESCO EQQQ NASDAQ-100 UCITS ETF	EQQQ	IE0032077012	111	1.0%	0.030%	0.032%	

MOST TRADED IN THE YEAR BY TRADES AND RELATIVE SPREAD

Name	Alphab.	ISIN	TRADES		SPREAD		
			number	% TOT	BBO	% TOT	25 000 €
1 WISDOMTREE NATURAL GAS 3X DAILY LEV	3NGL	XS2819843900	156,762	2.0%	0.355%	0.387%	
2 ISHARES CORE MSCI WORLD UCITS ETF ACC	SWDA	IE00B4L5Y983	120,608	1.5%	0.033%	0.035%	
3 WISDOMTREE NATURAL GAS 3X DAILY SHORT	3NGS	XS2819843223	114,540	1.5%	0.540%	0.573%	
4 WISDOMTREE WTI CRUDE OIL 3X DAILY L	3OIL	IE00BMTM6832	105,684	1.3%	0.229%	0.239%	
5 INVESCO PHYSICAL GOLD ETC	SGLD	IE00B579F325	83,199	1.1%	0.051%	0.054%	
6 WISDOMTREE WTI CRUDE OIL 3X DAILY SHO	3OIS	XS2819844387	77,811	1.0%	0.219%	0.224%	
7 VANGUARD S&P 500 UCITS ETF ACC	VUAA	IE00BPMXXD54	75,517	1.0%	0.038%	0.044%	
8 ISHARES HIGH YLD CORP UCITS ETF DIST	IHYG	IE00B66F4759	73,114	0.9%	0.047%	0.053%	
9 WISDOMTREE NASDAQ 100 3X DAILY LEVERAGED	QQQ3	IE00BLRRL42	69,578	0.9%	0.146%	0.155%	
10 VANECK SEMICONDUCTOR UCITS ETF	SMH	IE00BMC38736	69,012	0.9%	0.122%	0.135%	

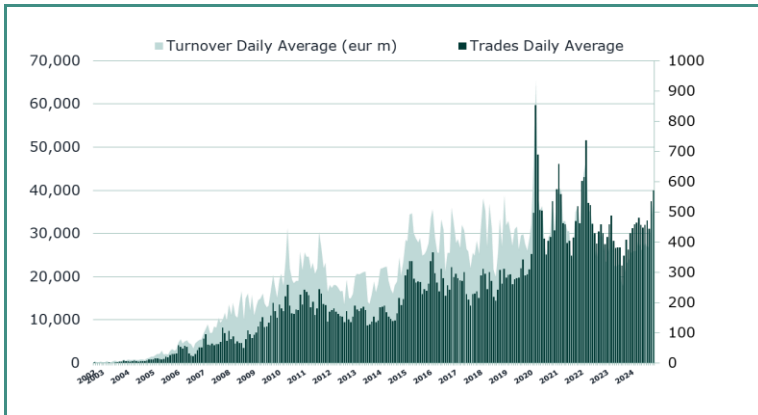
MOST TRADED IN THE YEAR BY TURNOVER AND RELATIVE SPREAD

Name	Alphab.	ISIN	TURNOVER		SPREAD		
			eur m	% TOT	BBO	% TOT	25 000 €
1 ISHARES CORE MSCI WORLD UCITS ETF ACC	SWDA	IE00B4L5Y983	1,644	1.7%	0.033%	0.035%	
2 XTRACKERS II EUR OVNI RATE SWA UCITS ETF	XEON	LU0290358497	1,640	1.7%	0.008%	0.010%	
3 WISDOMTREE NASDAQ 100 3X DAILY LEVERAGED	QQQ3	IE00BLRRL42	1,482	1.5%	0.146%	0.155%	
4 WISDOMTREE WTI CRUDE OIL 3X DAILY L	3OIL	IE00BMTM6832	1,353	1.4%	0.229%	0.239%	
5 WISDOMTREE FTSE MIB 3X DAILY LEVERAGED	3ITL	IE00B8NE3063	1,133	1.2%	0.105%	0.108%	
6 ISHARES CORE S&P 500 UCITS ETF USD ACC	CSSPX	IE00B5BM0807	980	1.0%	0.026%	0.030%	
7 INVESCO PHYSICAL GOLD ETC	SGLD	IE00B579F325	959	1.0%	0.051%	0.054%	
8 ISHARES HIGH YLD CORP UCITS ETF DIST	IHYG	IE00B66F4759	916	1.0%	0.047%	0.053%	
9 WISDOMTREE WTI CRUDE OIL 3X DAILY SHO	3OIS	XS2819844387	915	1.0%	0.219%	0.224%	
10 WISDOMTREE NATURAL GAS 3X DAILY SHORT	3NGS	XS2819843223	871	0.9%	0.540%	0.573%	

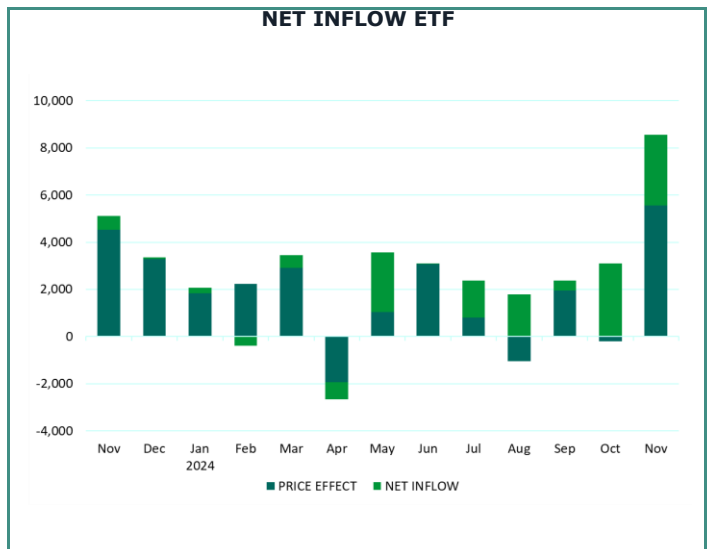
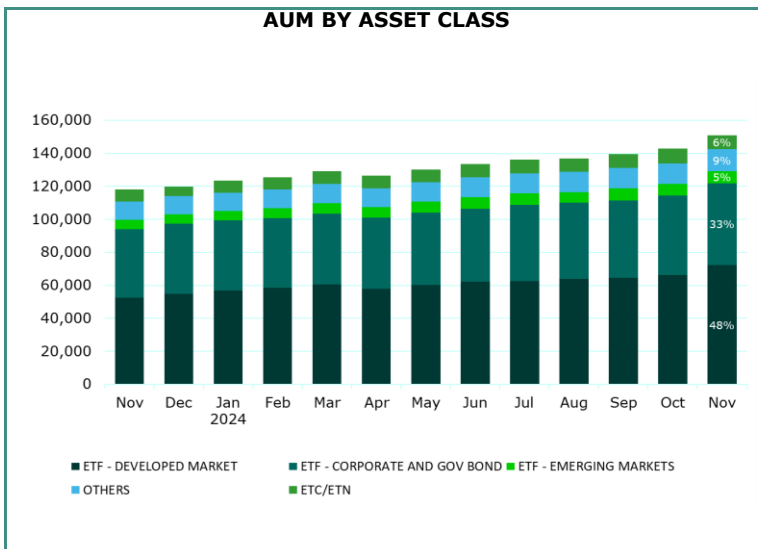
TRADING BY SIZE OF TURNOVER

SIZE OF TURNOVER			OCTOBER 2024		NOVEMBER 2024		YEAR 2024			
	Trades	Turnover eur m	Trades	Turnover eur m	Trades	Turnover eur m	Trades	% TOT	Turnover eur m	% TOT
01: <500	-	500	141,797	29.0	138,785	28.4	1,527,864	19.4%	301.2	0.3%
02: <1000	500	1,000	83,783	62.5	81,397	60.6	763,287	9.7%	571.1	0.6%
03: <2000	1,000	2,000	114,100	163.7	112,272	160.6	1,031,974	13.1%	1,488.3	1.5%
04: <3000	2,000	3,000	80,890	198.6	77,715	191.0	707,202	9.0%	1,741.2	1.8%
05: <4000	3,000	4,000	50,657	174.7	49,406	170.6	460,655	5.9%	1,595.9	1.7%
06: <5000	4,000	5,000	45,476	205.9	43,433	197.4	396,112	5.0%	1,793.8	1.9%
07: <6000	5,000	6,000	44,369	240.1	41,476	224.7	390,006	5.0%	2,108.6	2.2%
08: <7000	6,000	7,000	24,217	156.8	23,149	149.6	199,380	2.5%	1,290.2	1.3%
09: <8000	7,000	8,000	23,468	175.8	22,126	165.5	184,032	2.3%	1,380.9	1.4%
10: <9000	8,000	9,000	20,148	170.7	17,838	151.1	160,941	2.0%	1,363.0	1.4%
11: <10000	9,000	10,000	24,783	235.8	23,155	221.6	214,770	2.7%	2,055.5	2.1%
12: <15000	10,000	15,000	63,416	753.3	59,839	711.6	541,553	6.9%	6,461.1	6.7%
13: <20000	15,000	20,000	33,307	582.9	32,874	576.4	310,805	4.0%	5,461.2	5.7%
14: <25000	20,000	25,000	22,394	498.4	22,707	505.8	191,837	2.4%	4,262.1	4.4%
15: <30000	25,000	30,000	12,536	342.5	11,969	326.6	114,365	1.5%	3,129.4	3.3%
16: <35000	30,000	35,000	8,476	273.8	7,966	257.3	80,434	1.0%	2,598.0	2.7%
17: <40000	35,000	40,000	7,792	295.3	7,522	284.1	69,785	0.9%	2,626.9	2.7%
18: <45000	40,000	45,000	7,220	304.1	6,785	286.4	57,628	0.7%	2,433.0	2.5%
19: <50000	45,000	50,000	6,222	297.6	6,251	299.3	53,817	0.7%	2,566.9	2.7%
20: <75000	50,000	75,000	18,664	1,120.9	18,742	1,133.2	163,608	2.1%	9,809.1	10.2%
21: <100000	75,000	100,000	11,464	1,006.6	16,097	1,441.1	92,957	1.2%	8,180.5	8.5%
22: <125000	100,000	125,000	5,638	611.9	6,179	675.3	54,693	0.7%	5,967.4	6.2%
23: <150000	125,000	150,000	2,736	373.4	2,782	382.9	25,352	0.3%	3,474.4	3.6%
24: >= 150000	150,000		7,942	2,616.5	9,352	2,831.5	72,826	0.9%	23,439.2	24.4%
TOTAL			861,495	10,890.7	839,817	11,432.5	7,865,883		96,098.9	

TRADING EVOLUTION



FOCUS



SPREAD

	SPREAD							
	BBO		5 000 €		15 000 €		25 000 €	
	SPREAD	% OBSER	SPREAD	% OBSER	SPREAD	% OBSER	SPREAD	% OBSER
ETF - DEVELOPED MARKET	0.08%	99.89%	0.08%	99.89%	0.08%	99.89%	0.09%	99.88%
EQUITY EUROPE - REGIONAL	0.07%	100.00%	0.07%	100.00%	0.07%	100.00%	0.07%	100.00%
EQUITY EUROPE - SINGLE COUNTRY	0.05%	100.00%	0.05%	100.00%	0.06%	99.99%	0.06%	99.97%
EQUITY NORTH AMERICA	0.05%	100.00%	0.05%	100.00%	0.06%	100.00%	0.06%	99.99%
EQUITY PACIFIC	0.38%	98.23%	0.39%	98.23%	0.39%	98.23%	0.42%	98.23%
EQUITY SHORT	0.08%	100.00%	0.08%	100.00%	0.08%	100.00%	0.08%	99.99%
EQUITY WORLD	0.08%	99.99%	0.08%	99.99%	0.08%	99.99%	0.09%	99.98%
ETF - EMERGING MARKETS	0.20%	99.99%	0.20%	99.99%	0.22%	99.97%	0.23%	99.93%
EQUITY EMERGING - AFRICA/MIDDLE EAST	0.45%	99.99%	0.47%	99.94%	0.49%	99.90%	0.51%	99.89%
EQUITY EMERGING - ASIA	0.22%	99.99%	0.23%	99.99%	0.24%	99.95%	0.25%	99.91%
EQUITY EMERGING - CENTRE/SOUTH AMERICA	0.35%	100.00%	0.36%	99.97%	0.38%	99.95%	0.41%	99.91%
EQUITY EMERGING - EAST EUROPE	0.44%	100.00%	0.47%	100.00%	0.51%	99.94%	0.54%	99.88%
EQUITY EMERGING - WORLD	0.15%	99.99%	0.16%	99.99%	0.18%	99.99%	0.19%	99.96%
ETF - CORPORATE GOVERNMENT BONDS	0.07%	99.99%	0.07%	99.96%	0.07%	99.96%	0.08%	99.94%
CORPORATE BOND - EMERGING	0.24%	99.99%	0.25%	99.98%	0.25%	99.96%	0.26%	99.96%
CORPORATE BOND - EUR	0.07%	99.99%	0.08%	99.91%	0.08%	99.91%	0.08%	99.91%
CORPORATE BOND - EX EUR	0.15%	99.95%	0.16%	99.95%	0.17%	99.94%	0.18%	99.93%
CORPORATE BOND - HIGH YIELD	0.11%	99.97%	0.12%	99.97%	0.12%	99.97%	0.13%	99.94%
GOVERNMENT BONDS - EMERGING	0.14%	99.99%	0.14%	99.98%	0.15%	99.96%	0.15%	99.94%
GOVERNMENT BONDS - EUR	0.05%	99.99%	0.05%	99.98%	0.05%	99.98%	0.05%	99.97%
GOVERNMENT BONDS - EX EUR	0.08%	99.99%	0.08%	99.98%	0.08%	99.98%	0.08%	99.97%
GOVT + CORPORATE BOND	0.09%	99.99%	0.10%	99.98%	0.10%	99.98%	0.11%	99.98%
INFLATION	0.12%	99.97%	0.12%	99.95%	0.12%	99.93%	0.12%	99.92%
LIQUIDITY	0.02%	100.00%	0.02%	99.98%	0.02%	99.97%	0.02%	99.89%
ETF - OTHERS	0.31%	99.28%	0.32%	99.27%	0.36%	99.25%	0.44%	99.16%
COMMODITIES	0.16%	99.99%	0.17%	99.99%	0.17%	99.99%	0.17%	99.99%
CREDIT INDICES	0.49%	99.94%	0.57%	99.94%	0.67%	99.94%	0.71%	99.94%
EQUITY SECTORS	0.16%	100.00%	0.16%	100.00%	0.16%	99.98%	0.16%	99.98%
EQUITY THEMATIC	0.44%	98.69%	0.45%	98.68%	0.51%	98.65%	0.67%	98.49%
MULTI ASSET	0.21%	99.98%	0.23%	99.98%	0.25%	99.97%	0.27%	99.96%
VOLATILITY INDICES	0.36%	100.00%	0.39%	100.00%	0.42%	99.86%	0.42%	98.24%
ETF	0.10%	99.87%	0.10%	99.86%	0.10%	99.85%	0.12%	99.84%

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.

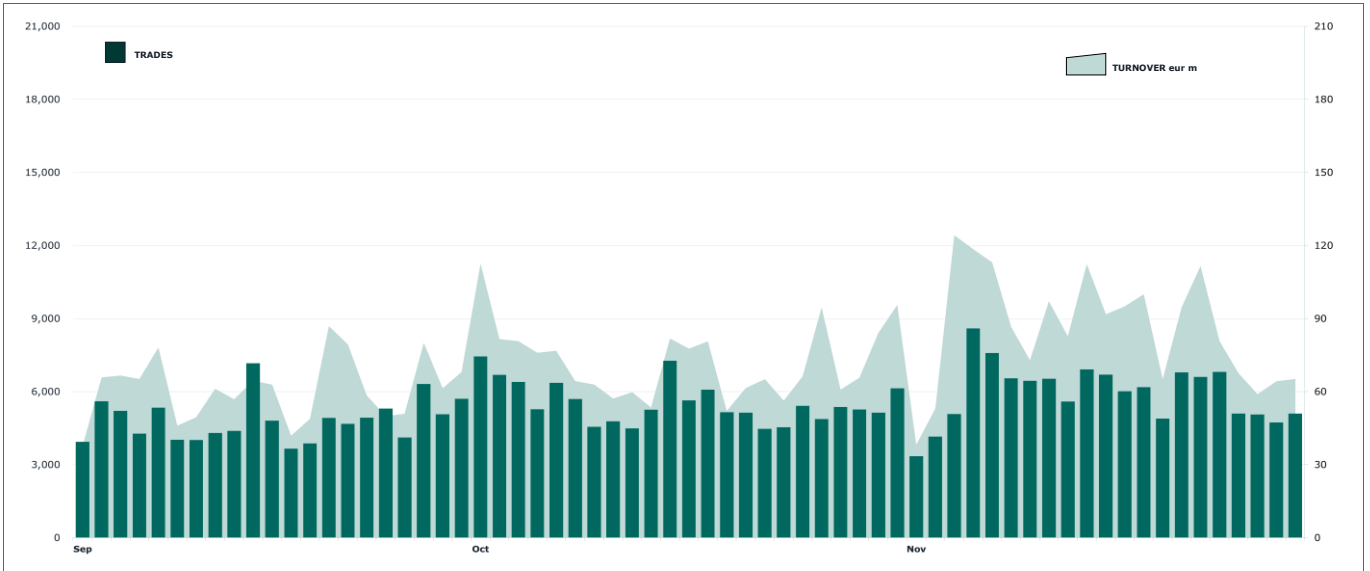
The average showed is the weighted average on AUM deposited in Monte Titoli is used: it's the average calculated taking into account the AUM (asset under management) deposited in Monte Titoli.

News

ETFplus AUM reached the new record of €151.03bn (+27.74% vs November 2023).

New record for the ETF AUM: €142.47bn (+28.55% vs November 2023).

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 VANECK SEMICONDUCTOR UCITS ETF	SMH	IE00BMC38736	4,909	4.0%	0.117%	0.127%
2 ISHARES GLOBAL CLEAN ENERGY UCITS ETF	INRG	IE00B1XNHC34	4,670	3.8%	0.122%	0.138%
3 WISDOMTREE ARTIF INTEL UCITS ETF USD ACC	WTAL	IE00BDVPNG13	2,990	2.5%	0.112%	0.127%
4 Amundi MSCI Semiconductors ESG Screened UCITS	CHIP	LU1900066033	2,182	1.8%	0.166%	0.187%
5 L&G HYDROGEN ECONOMY UCITS ETF	HTWO	IE00BMYDM794	2,095	1.7%	0.225%	0.254%

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 MSCI USA ESG SCR UCITS ETF EUR H	SAUA	IE000GZLIHG9	63.1	3.6%	0.099%	0.122%
2 VANECK SEMICONDUCTOR UCITS ETF	SMH	IE00BMC38736	61.6	3.5%	0.117%	0.127%
3 JPM GBL RES EN IDX EQ ESG UCITS ETF EURH	JRGE	IE000UW95D6	46.7	2.7%	0.085%	0.090%
4 JPM US RES ENH EQUIT ESG UCITS ETF USD A	JREU	IE00BF4G7076	45.7	2.6%	0.048%	0.048%
5 Amundi MSCI USA SRI Net0 PAB UCITS ETF A	USRI	IE000R8SHL30	45.5	2.6%	0.063%	0.084%

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

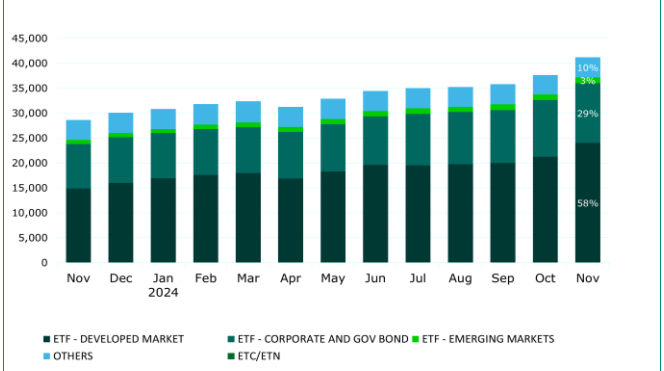
Name	Trading Code	ISIN	TRADES		SPREAD	
			number	% TOT	BBO	25 000 €
1 VANECK SEMICONDUCTOR UCITS ETF	SMH	IE00BMC38736	69,012	5.3%	0.12%	0.14%
2 ISHARES GLOBAL CLEAN ENERGY UCITS ETF	INRG	IE00B1XNHC34	44,756	3.4%	0.12%	0.14%
3 WISDOMTREE ARTIF INTEL UCITS ETF USD ACC	WTAL	IE00BDVPNG13	31,767	2.4%	0.12%	0.14%
4 ISHARES AUTOMAT & ROBOTICS UCITS ETF ACC	RBOT	IE00BYZK4552	22,978	1.8%	0.11%	0.12%
5 Amundi MSCI Semiconductors ESG Screened UCITS	CHIP	LU1900066033	21,061	1.6%	0.18%	0.23%

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

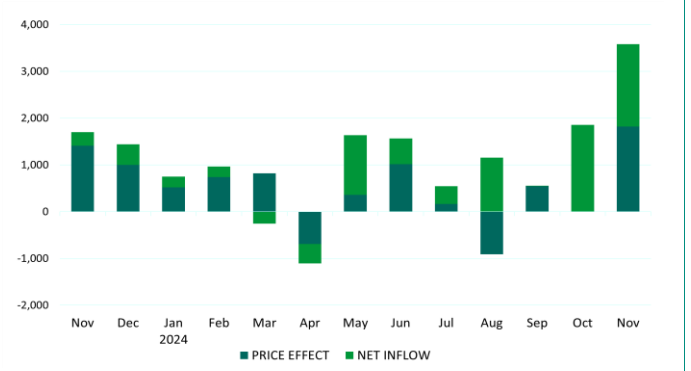
Name	Trading Code	ISIN	TURNOVER		SPREAD	
			eur m	% TOT	BBO	25 000 €
1 VANECK SEMICONDUCTOR UCITS ETF	SMH	IE00BMC38736	640.7	4.1%	0.12%	0.14%
2 ISHARES GLOBAL CLEAN ENERGY UCITS ETF	INRG	IE00B1XNHC34	379.8	2.4%	0.12%	0.14%
3 JPM US RES ENH EQUIT ESG UCITS ETF USD A	JREU	IE00BF4G7076	357.9	2.3%	0.06%	0.07%
4 JPM GLOB RES ENHA EQ ESG UCITS ETF USD A	JREG	IE00BF4G6Y48	337.8	2.1%	0.06%	0.07%
5 JPM EUR ULT SHORT INCOME EUR A UCITS ETF	JEST	IE00BD9MMF62	281.2	1.8%	0.03%	0.03%

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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