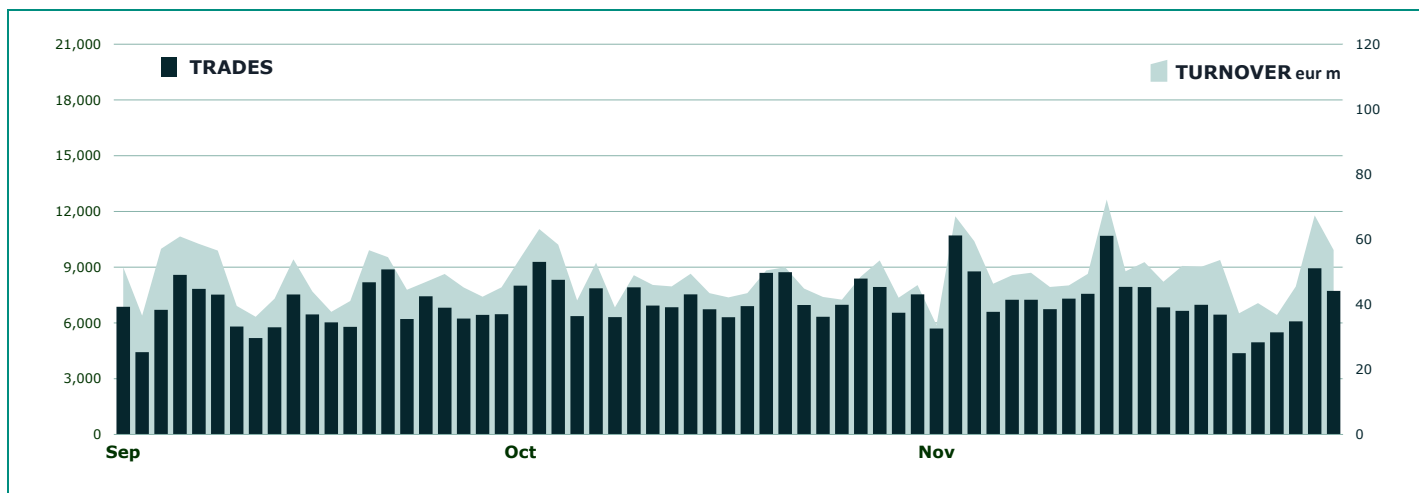
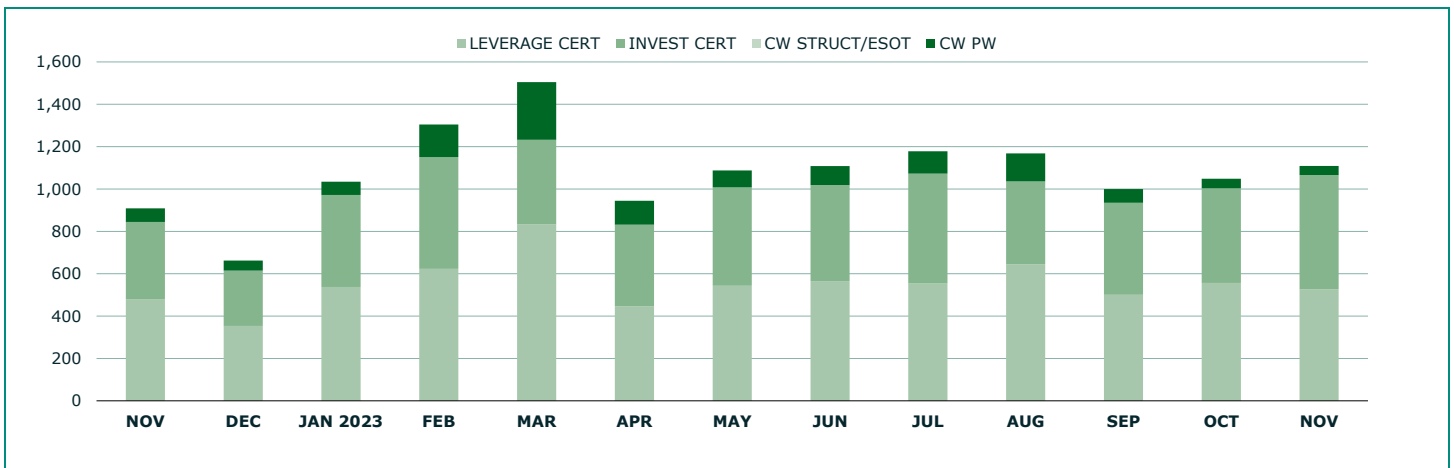


**SECURITISED DERIVATIVES DAILY TURNOVER**

**MAIN INDICATORS**

	LISTING					TRADING						
	DEC 2022		OCT 2023		NOV 2023		OCT 2023		NOV 2023		JAN - NOV 2023	
	LISTED END OF MONTH	LISTED END OF MONTH	MONTH NEW LISTED	LISTED END OF MONTH	MONTH NEW LISTED	TRADES number	TURNOVER eur m	TRADES number	TURNOVER eur m	TRADES number	TURNOVER eur m	
<b>MARKET SEGMENTS</b>												
PLAIN VANILLA CW	8,140	10,206	916	10,740	1,148	25,108	45	23,555	43	282,942	1,163	
STRUCTURED/EXOTIC CW	14	472	14	584	112	56	0	89	0	823	2	
LEVERAGE CERTIFICATES CLASS A	4,972	7,376	1,843	7,703	2,129	27,307	124	24,530	109	270,179	1,137	
LEVERAGE CERTIFICATES CLASS B	1,372	881	14	907	33	68,577	433	62,604	417	745,359	5,194	
INVESTMENT CERTIFICATES CLASS A	91	102	1	99	1	709	9	850	11	8,298	100	
INVESTMENT CERTIFICATES CLASS B	2,978	3,385	151	3,352	109	41,704	438	47,321	528	442,928	4,892	
<b>TOTAL</b>	<b>17,567</b>	<b>22,422</b>	<b>2,939</b>	<b>23,385</b>	<b>3,532</b>	<b>163,461</b>	<b>1,048.3</b>	<b>158,949</b>	<b>1,109.0</b>	<b>1,750,529</b>	<b>12,488.2</b>	
<b>UNDERLYING ASSETS</b>												
DOMESTIC SHARES	5,336	6,487	712	6,767	1,024	23,750	110	24,427	124	320,833	1,905	
DOMESTIC INDICES	1,018	1,406	212	1,612	374	50,450	325	41,103	300	521,506	4,181	
FOREIGN SHARES	5,587	7,688	1,011	7,856	1,147	20,826	102	23,548	111	226,877	1,178	
FOREIGN INDICES	2,324	3,333	540	3,520	526	35,995	269	35,888	311	358,540	2,883	
COMMODITIES	1,192	1,206	302	1,237	234	13,081	52	13,125	50	124,885	413	
INTEREST RATE	55	14	1	15	1	1,959	16	1,975	18	13,578	94	
CURRENCY	514	549	72	610	115	1,619	16	1,877	18	17,449	140	
BASKET		1,593	83	1,597	79	13,613	148	14,903	162	58,617	616	
OTHERS	1,541	146	6	171	32	2,168	11	2,103	14	108,244	1,078	
<b>TOTAL</b>	<b>17,567</b>	<b>22,422</b>	<b>2,939</b>	<b>23,385</b>	<b>3,532</b>	<b>163,461</b>	<b>1,048.3</b>	<b>158,949</b>	<b>1,109.0</b>	<b>1,750,529</b>	<b>12,488.2</b>	
<b>ISSUERS</b>												
ALDBURG PUBLIC	10	13	-	10	-	214	3.1	275	2.9	1,773	23.6	
BANCA AKROS	13	6	-	6	-	-	-	-	-	2,509	38.0	
BNP PARIBAS ISSUANCE B.V.	5,281	7,318	1,166	8,091	1,828	29,007	123.5	26,734	124.7	353,528	2,174.2	
CREDIT AGRICOLE CIB FCIAL SOL	2	1	-	1	-	1	0.0	3	0.0	34	0.5	
CREDIT SUISSE	23	14	-	14	-	39	1.0	43	1.3	932	19.1	
GOLDMAN SACHS FIN CORP INT	12	12	-	12	-	36	0.4	15	0.1	294	3.9	
GOLDMAN SACHS INTERNATIONAL	64	67	-	66	-	495	4.2	386	3.3	6,127	52.3	
INTESA SANPAOLO S.P.A.	1,142	1,090	18	933	10	28,513	289.8	32,745	366.9	289,228	3,280.0	
JP MORGAN STRUCTURED PRODUCTS B.V		7	-	7	-	25	0.3	29	0.3	283	4.4	
LEONTEQ SECURITIES	251	156	-	147	-	271	3.4	360	5.3	5,633	76.9	
LUMINIS FINANCE		1	-	1	-	-	-	-	-	5	0.2	
MORGAN STANLEY B.V.	52	33	-	32	-	62	0.6	119	1.1	1,559	22.9	
NATIXIS STRUCTURED ISSUANCE SA	27	18	-	18	-	74	0.5	55	0.6	1,503	16.6	
SG ISSUER	24	19	-	16	-	175	2.5	202	2.0	1,841	21.4	
SOCIETE GENERALE EFFEKTEN GMBH	1,669	2,252	266	2,327	156	60,421	393.0	54,521	374.3	619,072	4,306.8	
UBS AG	131	172	11	170	4	815	15.3	1,297	12.9	12,955	177.3	
UNICREDIT BANK	4,038	6,490	676	6,547	844	21,123	59.0	21,324	62.9	187,292	721.2	
UNICREDIT S.P.A.	2	1	-	1	-	4	0.1	12	0.3	183	4.1	
VONTOBEL FINANCIAL PRODUCTS GMBH	4,815	4,752	802	4,986	690	22,186	151.6	20,829	150.0	265,778	1,545.0	
<b>TOTAL</b>	<b>17,567</b>	<b>22,422</b>	<b>2,939</b>	<b>23,385</b>	<b>3,532</b>	<b>163,461</b>	<b>1,048.3</b>	<b>158,949</b>	<b>1,109.0</b>	<b>1,750,529</b>	<b>12,488.2</b>	

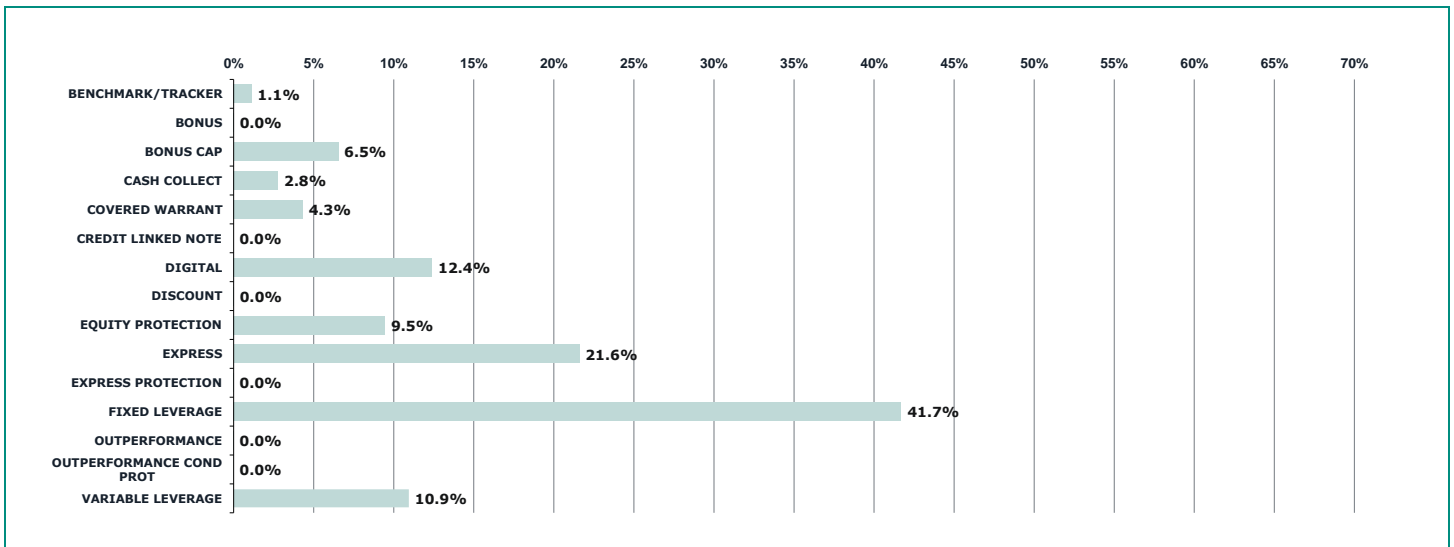
**TURNOVER**

**MONTHLY FIGURES - eur m**



**TURNOVER BY TYPE**

**MONTHLY FIGURES - eur m**



**MOST TRADED UNDERLYING ASSETS IN TERMS OF NUMBER OF TRADES**

**MOST TRADED UNDERLYING ASSETS IN TERMS OF TURNOVER**

UNDERLYING ASSET	NOV 2023			
	TRADES			DAILY
	NUMBER	% TOT	% CUM	
FTSE MIB NET TOTAL R	16,647	10.47%	10.47%	757
FTSE MIB GROSS TR	11,119	7.00%	17.47%	505
FTSE MIB INDEX	10,096	6.35%	23.82%	459
EURO STOXX 50	4,404	2.77%	26.59%	200
EUROSTOXX SEL DIV30	4,252	2.68%	29.27%	193
UNICREDIT	3,944	2.48%	31.75%	179
S AND P 500	3,839	2.42%	34.16%	175
NYMEX WTI CRUDE OIL	3,126	1.97%	36.13%	142
Intesa Sanpaolo	2,937	1.85%	37.98%	134
DAX	2,820	1.77%	39.75%	128

UNDERLYING ASSET	NOV 2023			
	TURNOVER			DAILY
	eur m	% TOT	% CUM	
FTSE MIB NET TOTAL R	146	13.18%	13.18%	6.64
FTSE MIB GROSS TR	79	7.16%	20.34%	3.61
EURO STOXX 50	57	5.13%	25.47%	2.58
FTSE MIB INDEX	43	3.91%	29.38%	1.97
S AND P 500	35	3.15%	32.53%	1.59
EUROSTOXX SEL DIV30	34	3.09%	35.61%	1.56
EURO STOXX Banks	27	2.40%	38.01%	1.21
UNICREDIT	26	2.34%	40.35%	1.18
Intesa Sanpaolo	25	2.28%	42.64%	1.15
NASDAQ-100	18	1.65%	44.28%	0.83

**Glossary**

Plain Vanilla: plain vanilla Covered Warrants  
 IC - Benchmark: linear tracking of the underlying  
 IC - Bonus: minimum return guaranteed in case of moderate decline  
 IC - Equity Protection: (partial/total) protection from decline  
 IC - Discount: purchase of the underlying at a discounted price

IC - Express: possibility of early redemption of the nominal value plus a premium  
 IC - Outperformance: extraperformance for certain intervals of values of the underlying  
 LC - Stop Loss: certificates with a knock-out barrier and leverage effect  
 LC - Stop Loss R: Stop Loss with daily update of the strike  
 CW SE - Exotics on Exchange Rates: CWs on interest rates and with periodic exercise

## COVERED WARRANT

## MAIN INDICATORS

	LISTING					TRADING						
	DEC 2022		OCT 2023		NOV 2023		OCT 2023		NOV 2023		JAN - NOV 2023	
	LISTED END OF MONTH	LISTED END OF MONTH	MONTH NEW LISTED	LISTED END OF MONTH	MONTH NEW LISTED	TRADES number	TURNOVER eur m	TRADES number	TURNOVER eur m	TRADES number	TURNOVER eur m	
<b>PLAIN VANILLA CW - UNDERLYING ASSETS</b>												
DOMESTIC SHARES	3,170	3,699	230	3,905	405	9,217	18.4	9,484	18.0	133,601	660.0	
DOMESTIC INDICES	664	695	68	785	164	7,611	11.0	4,867	8.9	64,201	311.9	
FOREIGN SHARES	2,881	4,061	264	4,211	366	5,773	10.6	6,999	12.5	58,996	139.0	
FOREIGN INDICES	867	1,078	192	1,110	114	1,435	3.4	1,089	2.4	16,370	37.8	
COMMODITIES	333	411	131	433	58	473	0.8	313	0.4	2,793	3.4	
INTEREST RATE	-	-	-	-	-	-	-	-	-	-	-	
CURRENCY	225	262	31	282	27	591	0.8	795	0.8	6,951	10.6	
BASKET	-	-	-	-	-	-	-	-	-	-	-	
OTHERS	-	-	-	14	14	8	0.0	8	0.0	30	0.1	
<b>TOTAL</b>	<b>8,140</b>	<b>10,206</b>	<b>916</b>	<b>10,740</b>	<b>1,148</b>	<b>25,108</b>	<b>45.0</b>	<b>23,555</b>	<b>43.0</b>	<b>282,942</b>	<b>1,162.8</b>	
<b>STRUCTURED/EXOTIC CW - UNDERLYING ASSETS</b>												
DOMESTIC SHARES	-	-	-	-	-	-	-	-	-	-	-	
DOMESTIC INDICES	-	201	-	257	56	38	0.04	67	0.15	212	0.44	
FOREIGN SHARES	-	-	-	-	-	-	-	-	-	-	-	
FOREIGN INDICES	-	264	14	320	56	16	0.03	22	0.03	585	1.44	
COMMODITIES	-	-	-	-	-	-	-	-	-	-	-	
INTEREST RATE	6	6	-	6	-	-	-	-	-	-	-	
CURRENCY	-	-	-	-	-	-	-	-	-	-	-	
BASKET	-	-	-	-	-	-	-	-	-	2	0.03	
OTHERS	8	1	-	1	-	2	0.00	-	-	24	0.04	
<b>TOTAL</b>	<b>14</b>	<b>472</b>	<b>14</b>	<b>584</b>	<b>112</b>	<b>56</b>	<b>0.1</b>	<b>89</b>	<b>0.2</b>	<b>823</b>	<b>1.9</b>	
<b>PLAIN VANILLA CW - ISSUERS</b>												
BNP PARIBAS ISSUANCE B.V.	2,301	2,886	282	3,216	612	6,472	11.2	5,601	8.9	105,784	744.6	
INTESA SANPAOLO S.P.A.	385	262	-	142	-	586	0.5	580	0.6	7,744	9.8	
LEONTEQ SECURITIES	1	1	-	1	-	-	-	-	-	1	0.0	
SG ISSUER	6	6	-	6	-	-	-	1	0.0	2	0.0	
SOCIETE GENERALE EFFETEN GMBH	940	1,090	176	1,090	-	593	1.4	708	2.0	8,155	27.2	
UNICREDIT BANK	2,472	3,639	108	3,763	287	13,532	24.2	13,148	22.0	127,996	287.9	
VONTOBEL FINANCIAL PRODUCTS GMBH	2,035	2,322	350	2,522	249	3,925	7.7	3,517	9.5	58,368	138.3	
<b>TOTAL</b>	<b>8,140</b>	<b>10,206</b>	<b>916</b>	<b>10,740</b>	<b>1,148</b>	<b>25,108</b>	<b>45.0</b>	<b>23,555</b>	<b>43.0</b>	<b>308,050</b>	<b>1,207.8</b>	
<b>STRUCTURED/EXOTIC CW - ISSUERS</b>												
ALDBURG PUBLIC	1	1	-	1	-	2	0.00	-	-	23	0.05	
BANCA AKROS	6	6	-	6	-	-	-	-	-	-	-	
BNP PARIBAS ISSUANCE B.V.	-	397	-	509	112	54	0.07	78	0.18	840	1.93	
LEONTEQ SECURITIES	-	1	-	1	-	-	-	-	-	2	0.03	
UNICREDIT BANK	6	67	14	67	-	-	-	11	0.01	11	0.01	
NATIXIS STRUCTURED ISSUANCE	1	-	-	-	-	-	-	-	-	3	0.00	
<b>TOTAL</b>	<b>14</b>	<b>472</b>	<b>14</b>	<b>584</b>	<b>112</b>	<b>56</b>	<b>0.1</b>	<b>89</b>	<b>0.2</b>	<b>879</b>	<b>2.0</b>	
<b>STRUCTURED/EXOTIC CW - TYPE</b>												
WARRANT SPREAD	6	464	14	576	112	54	0.1	89	0.2	967	2.2	
OTHER STRUCTURED/EXOTIC CW	8	8	-	8	-	2	0.0	-	-	4	0.0	
<b>TOTAL</b>	<b>14</b>	<b>472</b>	<b>14</b>	<b>584</b>	<b>112</b>	<b>56</b>	<b>0.1</b>	<b>89</b>	<b>0.2</b>	<b>971</b>	<b>2.2</b>	
<b>PLAIN VANILLA CW - CALL/PUT</b>												
CALL	4,725	5,837	466	6,082	634	18,062	32.7	16,647	32.9	196,922	796.4	
PUT	3,415	4,841	464	5,242	626	7,102	12.4	6,997	10.3	86,253	366.8	
<b>EXPIRATION DATE</b>												
EXPIRY < 3 MONTHS	3,178	4,145	283	3,723	171	18,365	29.1	14,841	21.4	161,179	285.4	
3 MONTHS < EXPIRY < 6 MONTHS	2,465	2,497	203	2,880	402	3,237	5.7	4,577	7.9	50,284	147.8	
6 MONTHS < EXPIRY < 12 MONTHS	2,368	3,092	398	3,648	557	2,107	6.0	2,725	8.4	52,935	453.4	
12 MONTHS < EXPIRY < 24 MONTHS	120	890	46	986	97	1,302	3.9	1,446	5.5	18,721	277.0	
24 MONTHS < EXPIRY < 60 MONTHS	11	42	4	75	33	143	0.2	45	0.1	465	0.9	
EXPIRY MORE THAN 60 MONTHS	12	12	-	12	-	10	0.0	10	0.0	181	0.3	

## COVERED WARRANT

## FIRST TEN PLAIN VANILLA COVERED WARRANT IN TERMS OF TURNOVER TRADED IN NOVEMBER 2023

ISIN	Long Name	Type	Strike	Underlying	Expiration Date	Turnover eur m	% TOT	% CUM	Trades
DE000VU0DL27	VONTOBEL FINANCIAL PRODUCTS GMBH	PUT	25,000.0	FTSE MIB INDEX	15/03/2024	1.1	2.5%	2.5%	39
DE000VU1RCP4	VONTOBEL FINANCIAL PRODUCTS GMBH	CALL	32,000.0	FTSE MIB INDEX	21/06/2024	0.7	1.7%	4.2%	39
DE000HC80NA1	UNICREDIT BANK	CALL	2.3	Intesa Sanpaolo	19/12/2024	0.6	1.5%	5.7%	33
DE000VU0DR13	VONTOBEL FINANCIAL PRODUCTS GMBH	CALL	2.4	Intesa Sanpaolo	20/06/2024	0.6	1.3%	7.0%	51
DE000HC3TZ27	UNICREDIT BANK	CALL	300.0	FERRARI IT	14/12/2023	0.5	1.2%	8.2%	125
DE000HC0ZY6	UNICREDIT BANK	CALL	34.0	STMICROELECTRONICS I	14/12/2023	0.5	1.2%	9.4%	21
DE000HC7KEX6	UNICREDIT BANK	CALL	44.0	STMICROELECTRONICS I	19/12/2024	0.5	1.2%	10.6%	18
DE000HC3U5M2	UNICREDIT BANK	PUT	28,000.0	FTSE MIB INDEX	17/11/2023	0.4	1.0%	11.6%	289
DE000SV2FLS6	SOCIETE GENERALE EFFEKTEN GMBH	CALL	16.5	UNICREDIT	20/06/2024	0.4	0.9%	12.5%	51
DE000HC2HDN6	UNICREDIT BANK	CALL	30,000.0	FTSE MIB INDEX	15/12/2023	0.4	0.9%	13.4%	317

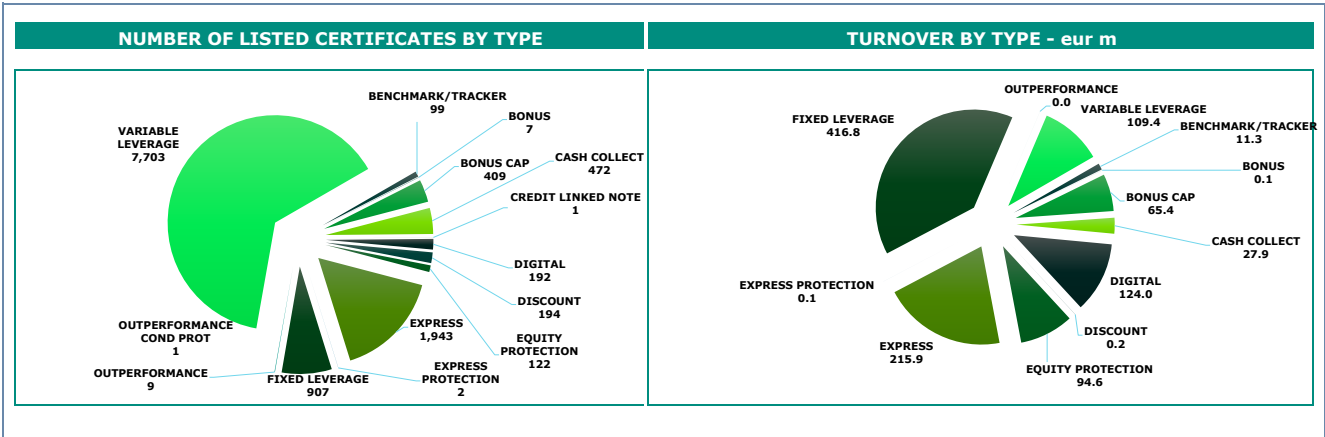
## FIRST TEN STRUCTURED/EXOTIC COVERED WARRANT IN TERMS OF TURNOVER TRADED IN NOVEMBER 2023

ISIN	Long Name	Type	Strike	Underlying	Expiration Date	Turnover eur m	% TOT	% CUM	Trades
NLBNPIT1SUS3	BNP PARIBAS ISSUANCE B.V.	PUT	30,000.0	FTSE MIB INDEX	21/06/2024	0.07	37.1%	37.1%	6
NLBNPIT1P2D4	BNP PARIBAS ISSUANCE B.V.	PUT	29,000.0	FTSE MIB INDEX	15/12/2023	0.06	29.9%	67.0%	10
NLBNPIT1SV10	BNP PARIBAS ISSUANCE B.V.	PUT	6,300.0	S AND P 500	18/12/2024	0.02	9.2%	76.2%	1
NLBNPIT1P2C6	BNP PARIBAS ISSUANCE B.V.	PUT	28,000.0	FTSE MIB INDEX	15/12/2023	0.01	4.3%	80.5%	7
DE000HC929M5	UNICREDIT BANK	CALL	29,000.0	FTSE MIB INDEX	15/12/2023	0.01	3.8%	84.2%	2
NLBNPIT1SPL8	BNP PARIBAS ISSUANCE B.V.	CALL	30,000.0	FTSE MIB INDEX	21/06/2024	0.01	3.5%	87.7%	20
NLBNPIT1P3O9	BNP PARIBAS ISSUANCE B.V.	PUT	4,500.0	S AND P 500	13/12/2023	0.00	1.9%	89.6%	4
NLBNPIT1SW61	BNP PARIBAS ISSUANCE B.V.	PUT	15,500.0	NASDAQ-100	13/12/2023	0.00	1.3%	91.0%	5
DE000HC929K9	UNICREDIT BANK	CALL	27,000.0	FTSE MIB INDEX	15/12/2023	0.00	1.2%	92.2%	2
NLBNPIT1P0A4	BNP PARIBAS ISSUANCE B.V.	CALL	13,000.0	NASDAQ-100	13/12/2023	0.00	1.1%	93.2%	2

## DISTRIBUTION OF TRADING BY SIZE OF TRADES

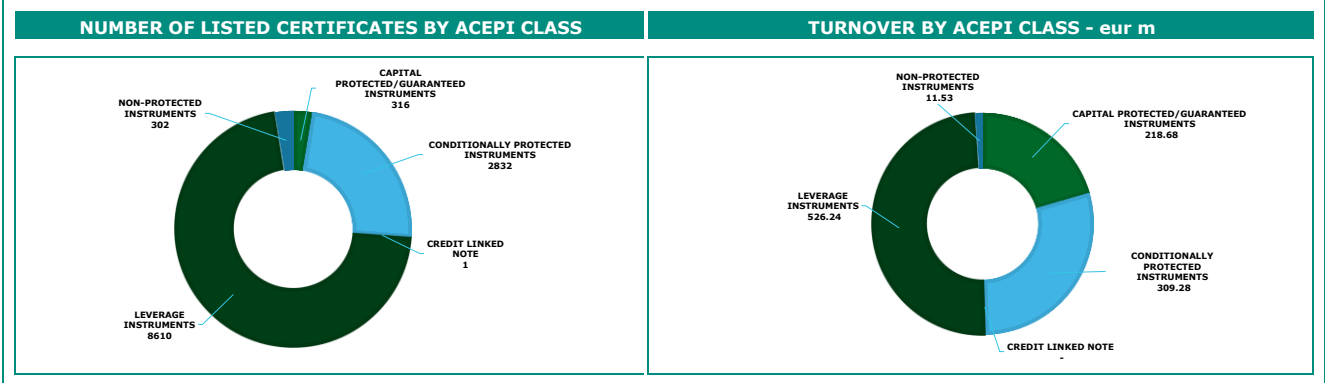
	OCT 2023		NOV 2023		JAN - NOV 2023				
	Trades	eur m	Trades	eur m	Trades	% TOT	eur m	% TOT	
-	250	5,735	0.7	6,185	0.7	57,956	20.42%	7.3	0.63%
250	500	4,411	1.6	3,861	1.4	43,743	15.42%	15.8	1.36%
500	1,000	5,008	3.6	4,604	3.3	46,019	16.22%	32.9	2.82%
1,000	2,000	4,321	6.1	4,155	5.9	40,458	14.26%	57.1	4.91%
2,000	3,000	1,881	4.5	1,565	3.8	18,787	6.62%	45.8	3.93%
3,000	4,000	1,077	3.7	933	3.2	11,662	4.11%	40.0	3.44%
4,000	5,000	658	2.9	528	2.3	6,902	2.43%	30.6	2.63%
5,000	10,000	1,402	9.3	1,159	7.9	18,407	6.49%	127.6	10.96%
10,000	15,000	311	3.8	281	3.4	22,938	8.08%	305.1	26.20%
15,000	20,000	142	2.5	127	2.2	2,273	0.80%	38.5	3.30%
20,000	25,000	96	2.2	59	1.3	4,579	1.61%	103.6	8.90%
25,000	50,000	109	3.3	147	5.0	9,510	3.35%	319.8	27.46%
50,000	75,000	9	0.5	31	1.9	328	0.12%	19.5	1.67%
75,000	100,000	4	0.3	5	0.5	125	0.04%	10.7	0.92%
100,000	-	-	-	4	0.5	78	0.03%	10.2	0.88%

# CERTIFICATES



## MAIN INDICATORS

	LISTING					TRADING					
	DEC 2022	OCT 2023		NOV 2023		OCT 2023		NOV 2023		JAN - NOV 2023	
	LISTED END OF MONTH	LISTED END OF MONTH	MONTH NEW LISTED	LISTED END OF MONTH	MONTH NEW LISTED	TRADES number	TURNOVER eur m	TRADES number	TURNOVER eur m	TRADES number	TURNOVER eur m
<b>CERTIFICATES - TYPE</b>											
BENCHMARK/TRACKER	91	102	1	99	1	709	8.9	850	11.3	8,298	100.3
BONUS	8	7	-	7	1	10	0.1	10	0.1	427	5.4
BONUS CAP	433	407	31	409	3	3,341	43.4	4,384	65.4	40,154	580.4
CASH COLLECT	1,028	433	20	472	40	2,792	28.8	2,570	27.9	87,470	842.5
COVERED WARRANT	-	-	-	-	-	-	-	-	-	-	-
CREDIT LINKED NOTE	-	1	-	1	-	-	-	-	-	5	0.2
DIGITAL	100	207	6	192	7	12,235	96.2	13,425	124.0	88,816	862.7
DISCOUNT	10	194	-	194	-	30	0.4	20	0.2	209	2.5
EQUITY PROTECTION	141	127	-	122	-	6,294	76.7	7,673	94.6	89,002	1,150.3
EXPRESS	1,231	1,997	94	1,943	58	16,994	191.6	19,232	215.9	136,284	1,439.1
EXPRESS PROTECTION	2	2	-	2	-	4	0.4	3	0.1	55	3.1
FIXED LEVERAGE	1,372	881	14	907	33	68,577	432.5	62,604	416.8	745,359	5,194.3
OUTPERFORMANCE	10	9	-	9	-	3	0.0	3	0.0	89	2.6
OUTPERFORMANCE COND PROT	-	1	-	1	-	1	0.0	1	0.0	2	0.0
VARIABLE LEVERAGE	4,972	7,376	1,843	7,703	2,129	27,307	124.1	24,530	109.4	270,179	1,137.1
AIRBAG	15	-	-	-	-	-	-	-	-	415	2.9
<b>TOTAL</b>	<b>9,413</b>	<b>11,744</b>	<b>2,009</b>	<b>12,061</b>	<b>2,272</b>	<b>138,297</b>	<b>1,003.2</b>	<b>135,305</b>	<b>1,065.7</b>	<b>1,466,764</b>	<b>11,323.5</b>



## DISTRIBUTION OF TRADING BY SIZE OF TRADES

SIZE OF TRADE (eur)	OCT 2023		NOV 2023		JAN - NOV 2023				
	Trades	eur m	Trades	eur m	Trades	% TOT	eur m	% TOT	
-	250	10,174	1.3	10,116	1.3	104,014	7.09%	13.5	0.12%
250	500	9,778	3.7	8,578	3.2	96,991	6.61%	36.3	0.32%
500	1,000	15,936	12.0	14,370	10.8	159,077	10.85%	119.6	1.06%
1,000	2,000	21,854	32.5	19,949	29.0	213,072	14.53%	313.0	2.76%
2,000	3,000	12,162	30.2	11,941	29.5	129,939	8.86%	322.2	2.85%
3,000	4,000	9,257	32.3	7,576	26.3	84,816	5.78%	295.4	2.61%
4,000	5,000	9,627	44.4	8,856	40.5	96,929	6.61%	443.6	3.92%
5,000	10,000	22,984	171.1	24,236	175.8	252,457	17.21%	1,850.4	16.34%
10,000	15,000	9,494	112.7	11,101	128.5	122,938	8.38%	1,458.7	12.88%
15,000	20,000	6,276	110.7	5,763	100.6	68,640	4.68%	1,204.0	10.63%
20,000	25,000	3,404	74.9	4,134	89.9	49,618	3.38%	1,085.3	9.58%
25,000	50,000	4,869	167.8	6,012	202.9	63,332	4.32%	2,146.5	18.96%
50,000	75,000	1,305	79.0	1,417	82.5	13,463	0.92%	789.5	6.97%
75,000	100,000	705	60.7	665	57.2	6,620	0.45%	572.2	5.05%
100,000		472	70.0	591	87.9	4,858	0.33%	673.3	5.95%

## LEVERAGE CERTIFICATES

## MAIN INDICATORS

	LISTING					TRADING						
	DEC 2022		OCT 2023		NOV 2023		OCT 2023		NOV 2023		JAN - NOV 2023	
	LISTED END OF MONTH	LISTED END OF MONTH	MONTH NEW LISTED	LISTED END OF MONTH	MONTH NEW LISTED	TRADES number	TURNOVER eur m	TRADES number	TURNOVER eur m	TRADES number	TURNOVER eur m	
<b>LEVERAGE CERTIFICATES - TYPE</b>												
FIXED LEVERAGE	1,372	881	14	907	33	68,577	432.5	62,604	416.8	745,359	5,194.3	
MINI FUTURE CLOSE END	939	1,178	224	1,147	199	4,074	13.3	4,185	16.9	45,220	160.4	
MINI FUTURE OPEN END	227	243	73	236	54	480	2.9	274	1.0	2,775	10.9	
TURBO CLOSE END	1,007	1,637	584	1,926	873	10,393	58.4	8,458	51.6	97,363	442.5	
TURBO OPEN END	2,799	4,318	962	4,394	1,003	12,360	49.6	11,613	39.9	124,821	523.4	
<b>TOTAL</b>	<b>6,344</b>	<b>8,257</b>	<b>1,857</b>	<b>8,610</b>	<b>2,162</b>	<b>95,884</b>	<b>556.6</b>	<b>87,134</b>	<b>526.2</b>	<b>1,015,538</b>	<b>6,331.4</b>	
<b>LEVERAGE CERTIFICATES CLASS A - UNDERLYING ASSETS</b>												
DOMESTIC SHARES	1,529	2,190	468	2,268	615	5,739	19.1	5,667	18.6	66,028	256.5	
DOMESTIC INDICES	239	398	142	450	145	4,498	18.6	3,770	16.3	39,326	139.4	
FOREIGN SHARES	1,681	2,660	711	2,717	768	4,099	15.1	4,470	11.5	48,118	191.8	
FOREIGN INDICES	794	1,264	309	1,358	338	8,072	38.4	5,962	34.9	69,067	325.0	
COMMODITIES	425	520	171	521	168	3,714	18.5	3,434	11.8	37,822	117.1	
INTEREST RATE	28	-	-	-	-	-	-	-	-	-	-	
CURRENCY	274	278	36	313	77	733	12.7	663	13.7	5,973	89.0	
BASKET	-	2	-	1	-	-	-	4	0.0	4	0.0	
OTHERS	2	64	6	75	18	452	1.7	560	2.6	3,841	18.2	
<b>TOTAL</b>	<b>4,972</b>	<b>7,376</b>	<b>1,843</b>	<b>7,703</b>	<b>2,129</b>	<b>27,307</b>	<b>124.1</b>	<b>24,530</b>	<b>109.4</b>	<b>270,179</b>	<b>1,137.1</b>	
<b>LEVERAGE CERTIFICATES CLASS B - UNDERLYING ASSETS</b>												
DOMESTIC SHARES	192	46	1	45	-	6,014	38	6,576	54	86,776	612	
DOMESTIC INDICES	80	62	-	67	5	37,004	280.40	29,854	241.33	396,570	3,418.36	
FOREIGN SHARES	357	144	3	144	6	5,773	20.95	5,956	24.07	58,258	211.19	
FOREIGN INDICES	291	283	10	291	8	9,207	50.80	9,326	47.15	107,658	588.66	
COMMODITIES	430	272	-	280	8	8,878	32.71	9,357	38.18	84,038	291.10	
INTEREST RATE	21	-	-	-	-	-	-	-	-	-	-	
CURRENCY	-	-	-	6	6	-	-	3	0.00	3	0.00	
BASKET	-	-	-	-	-	-	-	-	-	6	0.03	
OTHERS	1	74	-	74	-	1,701	9.20	1,532	11.66	12,050	73.17	
<b>TOTAL</b>	<b>1,372</b>	<b>881</b>	<b>14</b>	<b>907</b>	<b>33</b>	<b>68,577</b>	<b>432.5</b>	<b>62,604</b>	<b>416.8</b>	<b>745,359</b>	<b>5,194.3</b>	
<b>LEVERAGE CERTIFICATES CLASS A - ISSUERS</b>												
BNP PARIBAS ISSUANCE B.V.	2,398	3,228	809	3,542	1,073	16,307	62.2	14,700	61.2	171,233	660.2	
SOCIETE GENERALE EFFEKTEN GMBH	397	585	86	655	144	925	8.8	626	3.3	5,663	41.3	
UNICREDIT BANK	1,068	2,217	554	2,143	544	5,456	16.9	5,496	17.4	43,450	194.5	
VONTOBEL FINANCIAL PRODUCTS GMBH	1,109	1,346	394	1,363	368	4,619	36.2	3,708	27.6	49,833	241.1	
<b>TOTAL</b>	<b>4,972</b>	<b>7,376</b>	<b>1,843</b>	<b>7,703</b>	<b>2,129</b>	<b>27,307</b>	<b>124.1</b>	<b>24,530</b>	<b>109.4</b>	<b>270,179</b>	<b>1,137.1</b>	
<b>LEVERAGE CERTIFICATES CLASS B - ISSUERS</b>												
BNP PARIBAS ISSUANCE B.V.	141	192	10	192	-	2,305	9.5	2,354	10.4	40,797	381.9	
INTESA SANPAOLO S.P.A.	4	20	-	20	-	42	0.2	24	0.0	336	1.9	
SOCIETE GENERALE EFFEKTEN GMBH	251	289	4	294	12	58,762	381.7	53,012	368.1	603,826	4,226.5	
UNICREDIT BANK	6	10	-	10	-	471	4.4	441	4.7	6,305	64.3	
VONTOBEL FINANCIAL PRODUCTS GMBH	970	370	-	391	21	6,997	36.6	6,773	33.6	94,095	519.6	
<b>TOTAL</b>	<b>1,372</b>	<b>881</b>	<b>14</b>	<b>907</b>	<b>33</b>	<b>68,577</b>	<b>432.5</b>	<b>62,604</b>	<b>416.8</b>	<b>745,359</b>	<b>5,194.3</b>	
<b>FIRST TEN LEVERAGE CERTIFICATES IN TERMS OF TURNOVER TRADED IN NOVEMBER 2023</b>												
ISIN	Long Name	Type	Underlying	Turnover eur m	% TOT	% CUM	Trades					
LU2141869003	SOCIETE GENERALE EFFEKTEN GMBH	BULL	FTSE MIB NET TOTAL R	128.7	24%	24.5%	14,707					
DE000SQ4EZ12	SOCIETE GENERALE EFFEKTEN GMBH	BEAR	FTSE MIB GROSS TR	73.2	14%	38.4%	9,900					
DE000SF2GCY1	SOCIETE GENERALE EFFEKTEN GMBH	BULL	Intesa Sanpaolo	17.9	3%	41.8%	1,235					
LU2141148952	SOCIETE GENERALE EFFEKTEN GMBH	BULL	FTSE MIB NET TOTAL R	12.1	2%	44.1%	1,344					
DE000A3GNDT6	SOCIETE GENERALE EFFEKTEN GMBH	BULL	NASDAQ-100 Notional	11.1	2%	46.2%	1,364					
DE000SF2GC61	SOCIETE GENERALE EFFEKTEN GMBH	BULL	UNICREDIT	9.6	2%	48.0%	814					
DE000SQ4EZ20	SOCIETE GENERALE EFFEKTEN GMBH	BEAR	FTSE MIB GROSS TR	6.2	1%	49.2%	1,219					
DE000V0MPWF9	VONTOBEL FINANCIAL PRODUCTS GMBH	BEAR	EUR/USD	5.3	1%	50.2%	101					
LU1960020227	SOCIETE GENERALE EFFEKTEN GMBH	BULL	DAX NET RETURN	4.6	1%	51.1%	636					
DE000SH2K4U7	SOCIETE GENERALE EFFEKTEN GMBH	BULL	UNICREDIT	4.3	1%	51.9%	563					

## INVESTMENT CERTIFICATES

## MAIN INDICATORS

	LISTING					TRADING					
	DEC 2022	OCT 2023		NOV 2023		OCT 2023		NOV 2023		JAN - NOV 2023	
	LISTED END of MONTH	LISTED END of MONTH	MONTH NEW LISTED	LISTED END of MONTH	MONTH NEW LISTED	TRADES number	TURNOVER eur m	TRADES number	TURNOVER eur m	TRADES number	TURNOVER eur m
<b>INVESTMENT CERTIFICATES - UNDERLYING ASSETS</b>											
DOMESTIC SHARES	445	552	13	549	4	2,780	34	2,700	33	34,428	377
DOMESTIC INDICES	35	50	2	53	4	1,299	15	2,545	33	21,197	311
FOREIGN SHARES	668	823	33	784	7	5,181	55	6,123	63	61,505	636
FOREIGN INDICES	372	444	15	441	10	17,265	176	19,489	226	164,860	1,930
COMMODITIES	4	3	-	3	-	16	0	21	0	232	1
INTEREST RATE		8	1	9	1	1,959	16	1,975	18	6,574	56
CURRENCY	15	9	5	9	5	295	2	416	3	4,450	41
BASKET	1,517	1,591	83	1,596	79	13,613	148	14,899	162	156,477	1,616
OTHERS	13	7	-	7	-	5	0	3	0	1,503	24
<b>TOTAL</b>	<b>3,069</b>	<b>3,487</b>	<b>152</b>	<b>3,451</b>	<b>110</b>	<b>42,413</b>	<b>446.6</b>	<b>48,171</b>	<b>539.5</b>	<b>451,226</b>	<b>4,992.0</b>
<b>INVESTMENT CERTIFICATES - ISSUERS</b>											
ALDBURG PUBLIC	9	12	-	9	-	212	3.1	275	2.9	1,752	23.6
BANCA AKROS	7	-	-	-	-	-	-	-	-	2,509	38.0
BNP PARIBAS ISSUANCE B.V.	441	615	65	632	31	3,869	40.5	4,001	44.1	41,400	396.8
CREDIT AGRICOLE CIB FINANCIAL SOLUTIONS	2	1	-	1	-	1	0.0	3	0.0	34	0.5
CREDIT SUISSE	23	14	-	14	-	39	1.0	43	1.3	932	19.1
GOLDMAN SACHS FIN CORP INT	12	12	-	12	-	36	0.4	15	0.1	294	3.9
GOLDMAN SACHS INTERNATIONAL	64	67	-	66	-	495	4.2	386	3.3	6,127	52.3
INTESA SANPAOLO S.P.A.	753	808	18	771	10	27,885	289.1	32,141	366.3	281,734	3,268.8
JP MORGAN STRUCTURED PRODUCTS B.V	11	7	-	7	-	25	0.3	29	0.3	283	4.4
LEONTEQ SECURITIES	244	154	-	145	-	271	3.4	360	5.3	5,630	76.8
LUMINIS FINANCE		1	-	1	-	-	-	-	-	5	0.2
MORGAN STANLEY B.V.	52	33	-	32	-	62	0.6	119	1.1	1,559	22.9
NATIXIS STRUCTURED ISSUANCE SA	26	18	-	18	-	74	0.5	55	0.6	1,500	16.6
SG ISSUER	18	13	-	10	-	175	2.5	201	2.0	1,839	21.3
SOCIETE GENERALE EFFEKTEN GMBH	81	288	-	288	-	141	1.1	175	0.9	2,021	13.2
UBS AG	131	172	11	170	4	815	15.3	1,297	12.9	12,955	177.3
UNICREDIT BANK AG.	492	557	-	564	13	1,664	13.5	2,228	18.8	23,062	198.7
UNICREDIT S.P.A.	2	1	-	1	-	4	0.1	12	0.3	183	4.1
VONTOBEL FINANC.PRODUCTS GMBH	701	714	58	710	52	6,645	71.1	6,831	79.2	67,407	653.6
<b>TOTAL</b>	<b>3,069</b>	<b>3,487</b>	<b>152</b>	<b>3,451</b>	<b>110</b>	<b>42,413</b>	<b>446.6</b>	<b>48,171</b>	<b>539.5</b>	<b>451,226</b>	<b>4,992.0</b>
<b>INVESTMENT CERTIFICATES - ACEPI TYPE</b>											
BENCHMARK/TRACKER	91	102	1	99	1	709	8.9	850	11.3	8,298	100.3
BONUS	8	7	-	7	1	10	0.1	10	0.1	427	5.4
BONUS CAP	433	407	31	409	3	3,341	43.4	4,384	65.4	40,154	580.4
CASH COLLECT	994	433	20	472	40	2,792	28.8	2,570	27.9	83,292	793.8
COVERED WARRANT	-	-	-	-	-	-	-	-	-	-	-
CREDIT LINKED NOTE	-	1	-	1	-	-	-	-	-	5	0.2
DIGITAL	104	207	6	192	7	12,235	96.2	13,425	124.0	92,231	904.4
DISCOUNT	10	194	-	194	-	30	0.4	20	0.2	209	2.5
EQUITY PROTECTION	141	127	-	122	-	6,294	76.7	7,673	94.6	89,002	1,150.3
EXPRESS	1,261	1,997	94	1,943	58	16,994	191.6	19,232	215.9	137,047	1,446.1
EXPRESS PROTECTION	2	2	-	2	-	4	0.4	3	0.1	55	3.1
FIXED LEVERAGE	-	-	-	-	-	-	-	-	-	-	-
OUTPERFORMANCE	10	9	-	9	-	3	0.0	3	0.0	89	2.6
OUTPERFORMANCE COND PROT	-	1	-	1	-	1	0.0	1	0.0	2	0.0
VARIABLE LEVERAGE	-	-	-	-	-	-	-	-	-	-	-
AIRBAG	15	-	-	-	-	-	-	-	-	415	2.9
<b>TOTAL</b>	<b>3,069</b>	<b>3,487</b>	<b>152</b>	<b>3,451</b>	<b>110</b>	<b>42,413</b>	<b>446.6</b>	<b>48,171</b>	<b>539.5</b>	<b>451,226</b>	<b>4,992.0</b>

## INVESTMENT CERTIFICATES

## FIRST TEN CONDITIONALLY PROTECTED CERTIFICATES IN TERMS OF TURNOVER TRADED IN NOVEMBER 2023

ISIN	Long Name	Marketing Name	Underlying	Turnover eur m	% TOT	% CUM	Trades
XS2080399038	IS BON CAP VOLKSWAGEN 152.5129 60 291223	BONUS CAP	VOLKSWAGEN PREF	9.7	3.1%	3.1%	661
DE000VM2MR66	VON EXP ENI/ENEL/INTESA SA 100 60 250926	EXPRESS	ENI/ENEL/INTESA SANP	9.4	3.0%	6.2%	407
XS2579483079	IS BON CAP EURO STOXX 4224.31 56 270226	BONUS CAP	EURO STOXX 50	8.8	2.9%	9.0%	226
XS2577517910	IS EXP EURO STOXX Bank 116.138 60 270226	EXPRESS	EURO STOXX Banks	7.6	2.5%	11.5%	461
DE000VMDA588	VON EXP UNICREDIT/INTESA SANPA 50 270726	EXPRESS	UNICREDIT/INTESA SAN	7.6	2.5%	13.9%	560
XS2611695334	IS BON CAP ENI 12.9004 55 310527	BONUS CAP	ENI	6.4	2.1%	16.0%	431
XS2568757483	IS BON CAP S AND P 500 4092.78 55 290127	BONUS CAP	S AND P 500	5.2	1.7%	17.7%	165
XS2122412708	IS MISC YE TELEFONICA 4.8498 55 060324	EXPRESS	TELEFONICA	3.8	1.2%	18.9%	133
XS2080399202	IS MISC YE EURO STOXX 98.0967 60 291223	EXPRESS	EURO STOXX Banks	3.5	1.1%	20.0%	290
XS2101530397	IS MISC YE ENGIE 15.6467 55 310124	EXPRESS	ENGIE	3.1	1.0%	21.0%	124

## FIRST TEN CAPITAL PROTECTED/GUARANTEED CERTIFICATES IN TERMS OF TURNOVER TRADED IN NOVEMBER 2023

ISIN	Long Name	Marketing Name	Underlying	Turnover eur m	% TOT	% CUM	Trades
XS2534656116	IS MISC EP S AND P 500 3853.408 311029	EQUITY PROTECTION	S AND P 500	17.8	8.1%	8.1%	1,886
XS2546786190	IS MISC EP EURO STOXX 5 3959.414 301129	EQUITY PROTECTION	EURO STOXX 50	15.5	7.1%	15.2%	732
XS2624011461	IS EP CP EURIBOR 3M .025 300625	DIGITAL	EURIBOR 3M	8.4	3.8%	19.1%	990
XS2612296686	IS EP CP EURIBOR 3M .025 300525	DIGITAL	EURIBOR 3M	5.7	2.6%	21.7%	603
XS2528474641	IS MISC EP EURO STOXX 5 3320.672 280929	EQUITY PROTECTION	EURO STOXX 50	5.1	2.3%	24.0%	810
XS2556920978	IS MISC EP EURO STOXX 5 3827.198 311229	EQUITY PROTECTION	EURO STOXX 50	4.8	2.2%	26.2%	492
XS2541865460	IS EP ITALY CPI FOI EX TOB 113.2 151127	EQUITY PROTECTION	ITALY CPI FOI EX TOB	4.5	2.0%	28.3%	104
XS2690020933	IS EP CP ITALY CPI FOI EX 118.7 311024	DIGITAL	ITALY CPI FOI EX TOB	4.2	1.9%	30.2%	499
XS2546902441	IS EP CP S&P500/NIKKEI225/EUROSTO 301128	DIGITAL	S&P500/NIKKEI225/EUR	3.9	1.8%	32.0%	323
XS2591009332	IS EP CP NIKKEI 225 28075 290928	DIGITAL	NIKKEI 225	3.6	1.6%	33.6%	137

## FIRST TEN NON-PROTECTED CERTIFICATES IN TERMS OF TURNOVER TRADED IN NOVEMBER 2023

ISIN	Long Name	Marketing Name	Underlying	Turnover eur m	% TOT	% CUM	Trades
XS2452433597	ALD TRAC CIRDAN CREDINV 999.9834 040327	BENCHMARK/TRACKER	CIRDAN CREDINVEST AS	2.8	23.9%	23.9%	264
DE000VX92P99	VON TRAC S&P 500 NET TR 7428.87 OP END	BENCHMARK/TRACKER	S&P 500 NET TR	2.1	17.8%	41.8%	24
XS1778816436	SGI TRAC MSCI TRN WORLD 6043.153 OP END	BENCHMARK/TRACKER	MSCI TRN WORLD INDEX	0.9	7.5%	49.3%	75
DE000VX0N5M1	VON TRAC FIRST SOLUTIONS CED 100 OP END	BENCHMARK/TRACKER	FIRST SOLUTIONS CED	0.7	6.3%	55.6%	34
XS1778816352	SGI TRAC NASDAQ-100 Not 7666.326 OP END	BENCHMARK/TRACKER	NASDAQ-100 Notional	0.5	4.7%	60.3%	52
XS1778816279	SGI TRAC S&P 500 NET TR 4778.92 OP END	BENCHMARK/TRACKER	S&P 500 NET TR	0.4	3.9%	64.2%	42
CH0595725612	CRS TRAC RECOVERY BASKET 260824	BENCHMARK/TRACKER	RECOVERY BASKET	0.4	3.7%	67.9%	6
CH0579217776	CRS TRAC BASKET OF GLOBAL ESG TOP 290124	BENCHMARK/TRACKER	BASKET OF GLOBAL ESG	0.4	3.4%	71.2%	5
DE000VP2HYR0	VON TRAC SOLACTIVE HYDROGEN 100 OP END	BENCHMARK/TRACKER	SOLACTIVE HYDROGEN T	0.4	3.2%	74.4%	59
DE000VQ3NCU5	VON TRAC FIRST SOLUTIONS MUL 100 OP END	BENCHMARK/TRACKER	FIRST SOLUTIONS MULT	0.4	3.1%	77.5%	11

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