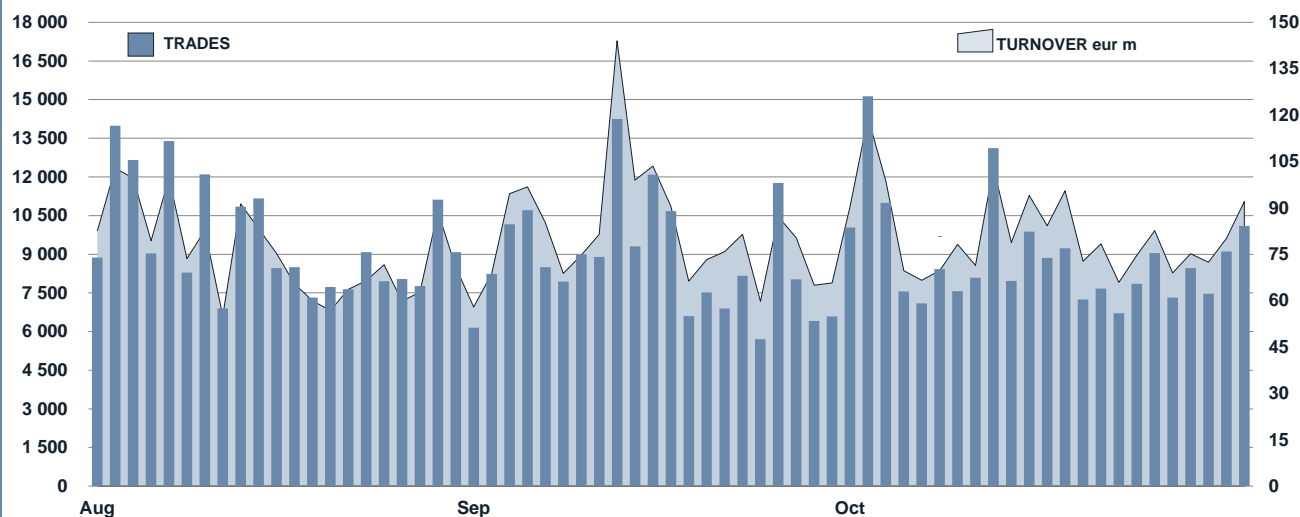




Sedex Statistics

October 2019

SECURITISED DERIVATIVES DAILY TURNOVER



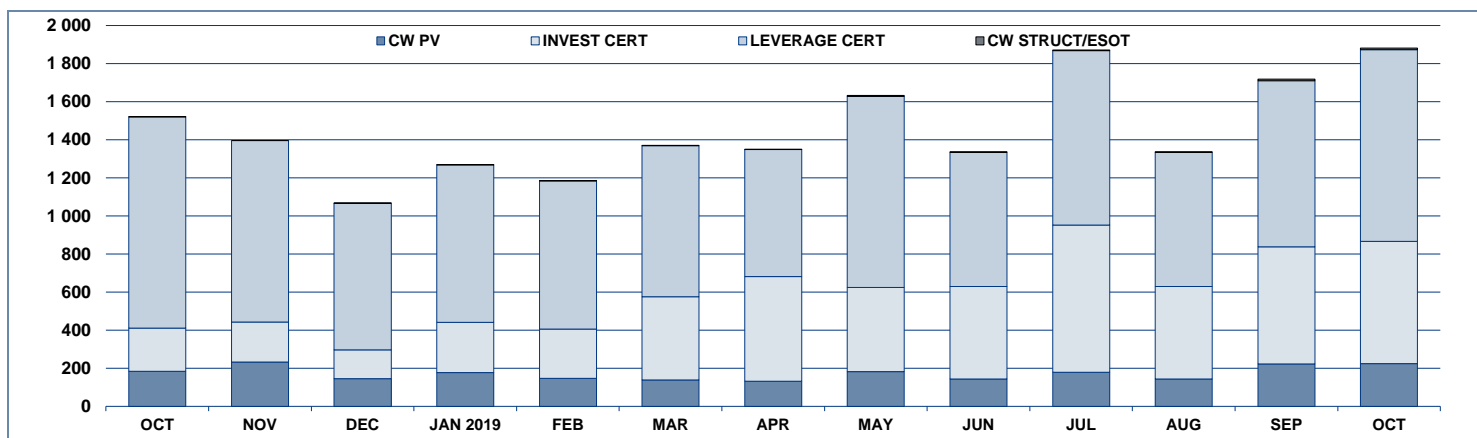
MAIN INDICATORS

LISTED SeDeX

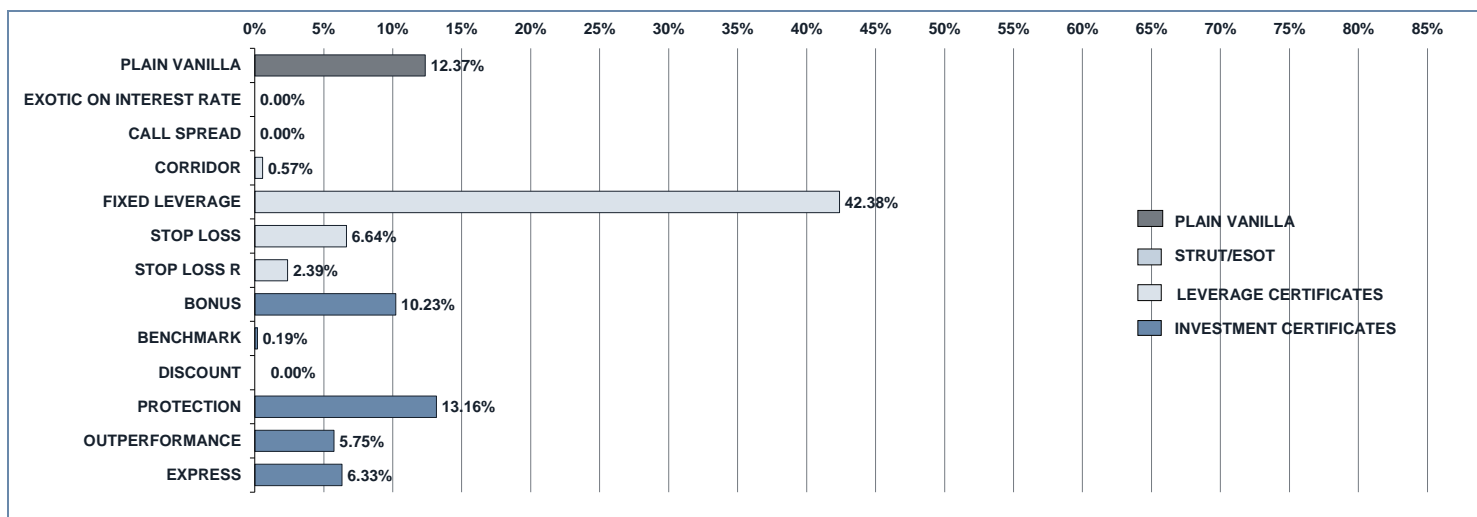
TRADING

	DECEMBER 2018		SEPTEMBER 2019		OCTOBER 2019		SEPTEMBER 2019		OCTOBER 2019		JAN-OCT 2019	
	LISTED	END OF MONTH	LISTED	MONTH NEW LISTED	LISTED	MONTH NEW LISTED	TRADES number	TURNOVER eur m	TRADES number	TURNOVER eur m	TRADES number	TURNOVER eur m
MARKET SEGMENTS												
CW PLAIN VANILLA	5 367	4 742	162	5 605	979	31 239	222.4	35 330	224.9	295 915	1 751.6	
STRUCTURED/EXOTIC CW	224	242	35	416	196	1 218	8.7	1 893	9.2	8 702	39.5	
LEVERAGE CERTIFICATES CLASS A	984	1 330	156	1 735	533	16 866	84.2	23 107	148.1	181 884	797.8	
LEVERAGE CERTIFICATES CLASS B	344	576	30	592	18	96 552	788.1	104 293	859.2	949 278	7 863.0	
INVESTMENT CERTIFICATES CLASS A	39	44	-	44	1	268	2.3	227	1.8	2 879	23.6	
INVESTMENT CERTIFICATES CLASS B	1 557	1 588	57	1 647	100	37 419	614.0	40 017	639.2	299 379	4 736.2	
of which CERTIFICATES IN DISTRIBUTION	-	-	-	-	-	-	-	-	-	-	-	
TOTAL	8 515	8 522	440	10 039	1 827	183 562	1 719.7	204 867	1 882.3	1 738 037	15 211.7	
UNDERLYING ASSETS												
DOMESTIC SHARES	4 429	4 087	153	5 067	1 069	34 247	218.1	40 472	279.7	316 958	1 828.0	
DOMESTIC INDICES	1 457	1 275	78	1 278	120	72 577	739.6	87 808	820.9	821 796	7 798.0	
FOREIGN SHARES	917	1 253	70	1 618	401	9 122	104.2	14 432	172.3	100 063	968.7	
FOREIGN INDICES	969	1 020	67	1 095	114	29 109	409.3	30 787	400.1	237 447	2 830.8	
COMMODITIES	202	380	55	431	71	31 068	134.5	23 400	104.3	199 690	842.4	
INTEREST RATE	55	44	12	44	-	1 258	41.7	427	13.6	7 685	273.7	
EXCHANGE RATE	278	227	5	265	41	1 471	10.4	1 241	8.7	9 946	78.9	
OTHERS	208	236	-	241	11	4 710	61.9	6 300	82.7	44 452	591.2	
TOTAL	8 515	8 522	440	10 039	1 827	183 562	1 719.7	204 867	1 882.3	1 738 037	15 211.7	
ISSUERS												
BANCA AKROS	139	103	-	98	-	5 624	87.1	5 543	74.5	78 047	1 192.3	
BANCA IMI	574	653	87	681	37	24 872	424.0	25 327	423.6	156 764	2 524.9	
BANCA MONTE PASCHI SIENA	28	20	-	20	-	4	0.0	7	0.0	65	0.0	
BNP PARIBAS ISSUANCE	1 125	1 483	156	1 561	196	22 977	113.5	29 222	173.9	249 472	1 423.5	
CITIGROUP GLOBAL MARKETS FUNDING LU	1	1	-	1	-	-	-	-	-	-	-	
COMMERZBANK	111	107	-	106	-	773	7.1	1 010	9.0	11 058	96.7	
CREDIT AGRICOLE CIB FIN (GUERNSEY)	1	1	-	1	-	2	0.0	1	0.0	16	0.1	
CREDIT AGRICOLE CIB FINANCIAL PROD	3	3	-	3	-	19	0.3	16	0.3	168	2.8	
CREDIT AGRICOLE CIB FINANCIAL SOLUT	9	8	-	8	-	29	0.5	28	0.6	323	5.5	
CREDIT AGRICOLE CORP AND INV BANK	2	2	-	2	-	14	0.2	9	0.1	212	3.5	
CREDIT LYONNAIS	-	-	-	-	-	-	-	-	-	-	-	
CREDIT SUISSE	36	46	1	46	1	618	10.2	618	7.1	5 943	94.7	
DEUTSCHE BANK AG	85	58	-	57	-	97	2.0	136	2.2	1 513	27.5	
EXANE FINANCE	25	18	-	18	-	142	1.5	212	2.2	1 505	20.2	
GOLDMAN SACHS FIN CORP INT	-	1	-	1	-	4	0.1	18	0.3	32	0.4	
GOLDMAN SACHS INTERNATIONAL	73	53	1	38	-	308	3.2	499	7.6	3 493	41.6	
INGBANK	4	2	-	2	-	261	3.2	395	5.7	1 855	22.2	
JP MORGAN STRUCTURED PRODUCTS B.V	4	4	-	4	-	5	0.1	30	0.9	105	2.3	
LEONTEQ SECURITIES	-	-	-	1	1	-	-	20	0.3	20	0.3	
MORGAN STANLEY BV	4	6	-	4	-	63	0.6	35	0.6	487	8.3	
NATIXIS STRUCTURED ISSUANCE	38	47	2	53	6	1 195	13.1	1 880	23.2	11 025	145.2	
NATWEST MARKETS PLC	2	2	-	2	-	-	-	-	-	1	0.0	
SOCIETE GENERALE	12	12	-	12	-	3	0.0	1	0.0	58	0.1	
SOCIETE GENERALE EFFEKTEN	3	1	-	-	-	-	-	-	-	-	-	
SOCIETE GENERALE ISSUER	1 422	1 548	50	2 045	577	78 952	549.5	85 353	635.4	745 804	5 168.3	
UBS AG	11	20	1	21	1	812	11.9	815	12.1	5 585	82.0	
UNICREDIT	-	2	1	2	-	4	0.0	4	0.1	8	0.1	
UNICREDIT BANCA MOBILIARE	-	-	-	-	-	-	-	-	-	-	-	
UNICREDIT BANK	2 934	2 635	-	3 574	978	26 536	303.5	30 896	319.4	256 940	2 807.6	
VONTOBEL FINANCIAL PRODUCTS GMBH	1 869	1 686	141	1 678	30	20 248	188.0	22 792	183.5	207 538	1 541.6	
TOTAL	8 515	8 522	440	10 039	1 827	183 562	1 719.7	204 867	1 882.3	1 738 037	15 211.7	

**TURNOVER
MONTHLY FIGURES - eur m**



**TURNOVER BY TYPOLOGIES
MONTHLY FIGURES - eur m**



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

UNDERLYING ASSET	OCTOBER 2019			
	TRADES			DAILY
	NUMBER	% TOT	% CUM	
FTSE MIB NET-OF-TAX (LUX) TR	30 979	15.12%	15.12%	1 347
FTSE MIB GROSS TR	25 160	12.28%	27.40%	1 094
FTSE MIB	18 920	9.24%	36.64%	823
EURO STOXX 50	8 003	3.91%	40.54%	348
UNICREDIT	6 623	3.23%	43.78%	288
FIAT CHRYSLER AUTOMOBILES	5 957	2.91%	46.68%	259
EURO STOXX SELECT DIVIDEND 30 INDEX	4 670	2.28%	48.96%	203
WTI FUTURES X7 LEVERAGED INDEX	4 461	2.18%	51.14%	194
NATURAL GAS FUTURES X7 LEVERAGED INDEX	3 967	1.94%	53.08%	172
ENEL	3 747	1.83%	54.91%	163

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

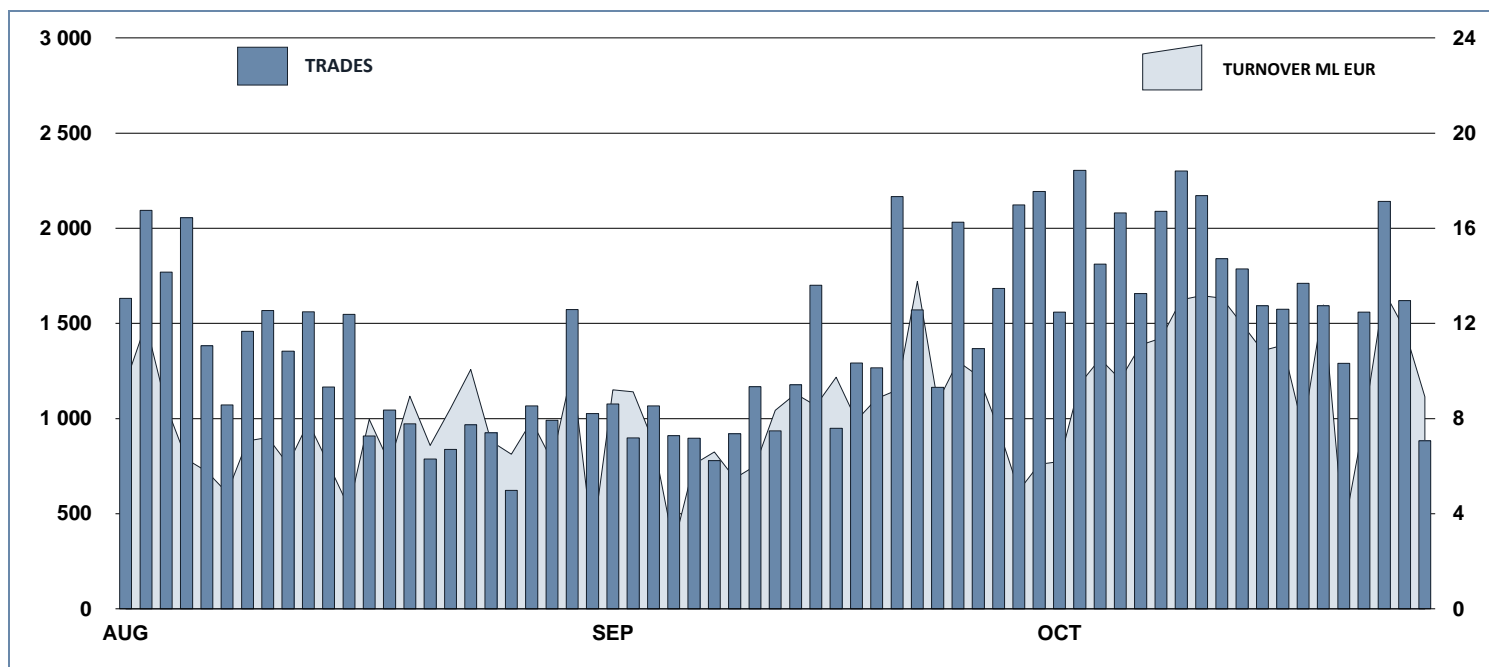
UNDERLYING ASSET	OCTOBER 2019			
	TURNOVER			DAILY
	eur m	% TOT	% CUM	
FTSE MIB NET-OF-TAX (LUX) TR	286.59	15.23%	15.23%	12.46
FTSE MIB	206.61	10.98%	26.20%	8.98
FTSE MIB GROSS TR	190.24	10.11%	36.31%	8.27
EURO STOXX 50	140.58	7.47%	43.78%	6.11
EURO STOXX SELECT DIVIDEND 30 INDEX	82.18	4.37%	48.14%	3.57
FIAT CHRYSLER AUTOMOBILES	65.83	3.50%	51.64%	2.86
ENEL	54.23	2.88%	54.52%	2.36
VT 7XL MIB	36.70	1.95%	56.47%	1.60
UNICREDIT	30.73	1.63%	58.10%	1.34
ITALIA LEVA 7 LONG	28.98	1.54%	59.64%	1.26

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

	LISTED SeDeX					TRADING						
	DEC 2018		SEPTEMBER 2019		OCTOBER 2019		SEPTEMBER 2019		OCTOBER 2019		JAN-OCT 2019	
	LISTED	LISTED	MONTH	LISTED	MONTH	LISTED	MONTH	number	eur m	number	eur m	number
	END of	MONTI	END of	MONTH-NEW	END of	MONTH-NEW						
UNDERLYING ASSETS												
DOMESTIC SHARES	3 166	2 692	72	3 389	716	18 240	48.1	20 473	58.5	162 199	372.4	
DOMESTIC INDICES	1 255	1 061	62	1 034	78	10 070	174.1	11 513	161.2	98 864	1 331.9	
FOREIGN SHARES	401	564	9	801	237	2 038	2.9	3 142	10.1	24 313	41.5	
FOREIGN INDICES	499	473	39	539	78	1 304	3.5	1 346	2.2	13 499	30.7	
COMMODITIES	24	50	6	75	25	479	1.2	495	1.2	3 579	9.1	
INTEREST RATE	37	29	-	29	-	5	0.0	7	0.0	68	0.0	
EXCHANGE RATE	205	112	9	151	41	318	1.4	246	0.8	2 046	5.3	
OTHERS	4	3	-	3	-	3	0.0	1	0.0	49	0.1	
TOTAL	5 591	4 984	197	6 021	1 175	32 457	231	37 223	234.1	304 617	1 791.1	
ISSUERS												
BANCA AKROS	9	9	-	9	-	1	0.0	-	-	3	0.0	
BANCA IMI	427	357	55.0	357	-	2 855	3.9	3 715	5.7	34 264	49.6	
BANCA MONTE PASCHI SIENA	28	20	-	20	-	4	0.0	7	0.0	65	0.0	
BNP PARIBAS ISSUANCE	27	14	-	14	-	47	0.1	51	0.1	456	0.9	
COMMERZBANK	4	3	-	3	-	3	0.0	-	-	48	0.1	
NATIXIS STRUCTURED ISSUANCE	1	1	-	1	-	-	-	1	0.0	4	0.0	
SOCIETE GENERALE	12	12	-	12	-	3	0.0	1	0.0	58	0.1	
SOCIETE GENERALE ISSUER	1 273	1 273	35.0	1 772	576	3 325	10.7	4 003	14.4	27 466	65.7	
UNICREDIT BANK	2 149	2 004	-	2 571	590	20 553	202.1	23 463	200.7	183 356	1 578.0	
VONTOBEL FINANCIAL PRODUCTS GMBH	1 661	1 291	107.0	1 262	9	5 666	14.3	5 982	13.1	58 897	96.7	
TOTAL	5 591	4 984	197.0	6 021	1 175	32 457	231.1	37 223	234.1	304 617	1 791.1	
CALL/PUT												
CALL	3 456	3 054	107	3 598	614	23 307	204.2	26 845	203.6	222 763	1 587.8	
PUT	1 911	1 688	55	2 007	365	7 932	18.2	8 485	21.2	73 152	163.7	
EXPIRATION DATE												
EXPIRY < 3 MONTHS	1 560	2 276	85	2 349	153	23 178	59.6	25 348	68.8	188 643	409.8	
3 MONTHS < EXPIRY < 6 MONTHS	1 643	1 033	59	1 276	260	2 292	4.1	3 749	7.2	45 632	86.6	
6 MONTHS < EXPIRY < 12 MONTHS	1 602	856	39	1 408	556	1 181	3.2	2 260	6.7	19 936	40.0	
12 MONTHS < EXPIRY < 24 MONTHS	396	458	14	660	206	3 515	99.1	3 218	77.8	25 919	510.8	
24 MONTHS < EXPIRY < 60 MONTHS	173	144	-	144	-	2 257	64.1	2 522	71.0	23 999	735.4	
EXPIRY MORE THAN 60 MONTHS	217	217	-	184	-	34	1.0	126	2.7	488	8.6	

COVERED WARRANT

FIRST TEN COVERED WARRANT IN TERMS OF TURNOVER TRADED IN OCTOBER 2019 ON FTSE MIB INDEX

	ISIN	Issuer	Type	Strike	Underlying	Expiration Date	Turnover eur m	% TOT	% CUM	Trades
1	IT0004900715	UNICREDIT BANK	CALL	20 000	FTSE MIB	18/12/2020	74.66	46.32%	46.32%	2 552
2	IT0005015497	UNICREDIT BANK	CALL	20 000	FTSE MIB	17/12/2021	70.89	43.99%	90.31%	2 490
3	IT0005178816	UNICREDIT BANK	PUT	15 000	FTSE MIB	17/12/2027	1.17	0.73%	91.03%	34
4	DE000HV444B5	UNICREDIT BANK	CALL	22 500	FTSE MIB	18/10/2019	0.81	0.50%	91.53%	317
5	IT0005288888	UNICREDIT BANK	PUT	23 000	FTSE MIB	20/12/2019	0.79	0.49%	92.03%	105
6	DE000HV444C3	UNICREDIT BANK	PUT	21 000	FTSE MIB	18/10/2019	0.77	0.48%	92.50%	298
7	DE000HV46A51	UNICREDIT BANK	CALL	23 500	FTSE MIB	15/11/2019	0.76	0.47%	92.97%	338
8	IT0005383747	BANCA IMI	PUT	21 000	FTSE MIB	20/12/2019	0.55	0.34%	93.32%	269
9	DE000HV46A77	UNICREDIT BANK	PUT	21 500	FTSE MIB	15/11/2019	0.48	0.30%	93.61%	170
10	IT0005383762	BANCA IMI	PUT	20 500	FTSE MIB	20/03/2020	0.46	0.29%	93.90%	83

FIRST TEN COVERED WARRANT IN TERMS OF TURNOVER TRADED IN OCTOBER 2019 ON ITALIAN STOCKS

	ISIN	Issuer	Type	Strike	Underlying	Expiration Date	Turnover eur m	% TOT	% CUM	Trades
1	DE000VN9CJV1	VONTOBEL FINANCIAL PRODUCTS GMBH	CALL	14.0	GENERALI	20/12/2019	2.19	3.73%	3.73%	163
2	DE000HV46KF7	UNICREDIT BANK	CALL	7.0	ENEL	14/11/2019	2.07	3.54%	7.27%	581
3	DE000HV44H23	UNICREDIT BANK	CALL	15.5	ENI	19/12/2019	1.92	3.27%	10.54%	618
4	IT0005292757	UNICREDIT BANK	CALL	14.4	FIAT CHRYSLER AUTOMOBILES	19/12/2019	1.56	2.66%	13.20%	281
5	DE000HV46L33	UNICREDIT BANK	CALL	15.0	ENI	14/11/2019	1.55	2.65%	15.85%	544
6	DE000HV46M40	UNICREDIT BANK	CALL	19.0	GENERALI	14/11/2019	1.49	2.54%	18.39%	513
7	LU1910500617	SOCIETE GENERALE ISSUER	CALL	15.0	GENERALI	19/03/2020	1.39	2.37%	20.76%	135
8	DE000HV43JT7	UNICREDIT BANK	CALL	1.8	BANCO BPM	19/12/2019	1.35	2.31%	23.07%	115
9	DE000HV46KJ9	UNICREDIT BANK	CALL	7.5	ENEL	19/12/2019	1.33	2.27%	25.34%	330
10	DE000HV46LR0	UNICREDIT BANK	CALL	13.0	FIAT CHRYSLER AUTOMOBILES	14/11/2019	1.14	1.94%	27.28%	270

FIRST TEN COVERED WARRANT IN TERMS OF TURNOVER TRADED IN OCTOBER 2019 ON OTHER UNDERLYINGS

	ISIN	Issuer	Type	Strike	Underlying	Expiration Date	Turnover eur m	% TOT	% CUM	Trades
1	LU1910532909	SOCIETE GENERALE ISSUER	CALL	180.0	APPLE	20/12/2019	2.10	14.63%	14.63%	71
2	DE000VN9DTF1	VONTOBEL FINANCIAL PRODUCTS GMBH	CALL	190.0	APPLE	20/12/2019	1.90	13.22%	27.85%	67
3	DE000HV45N40	UNICREDIT BANK	CALL	200.0	APPLE	18/12/2019	0.81	5.63%	33.47%	39
4	DE000HV43TN9	UNICREDIT BANK	CALL	160.0	APPLE	18/12/2019	0.55	3.86%	37.33%	33
5	LU1946504930	SOCIETE GENERALE ISSUER	ESOT	-	FUTURE PETROLIO WTI	20/12/2019	0.45	3.17%	40.50%	18
6	DE000HV43VT2	UNICREDIT BANK	CALL	120.0	MICROSOFT CORP	18/12/2019	0.30	2.08%	42.58%	21
7	DE000HV43Y64	UNICREDIT BANK	CALL	20.0	ARGENTO	20/12/2019	0.27	1.89%	44.47%	77
8	DE000VN9DDW0	VONTOBEL FINANCIAL PRODUCTS GMBH	PUT	14 000.0	DAX	20/12/2019	0.25	1.76%	46.23%	46
9	DE000VN9ERP2	VONTOBEL FINANCIAL PRODUCTS GMBH	PUT	24 000.0	DOW JONES INDUSTRIAL AVG	19/06/2020	0.25	1.72%	47.94%	18
10	DE000HV46C34	UNICREDIT BANK	CALL	5.5	NOKIA CORPORATION	16/09/2020	0.22	1.56%	49.50%	68

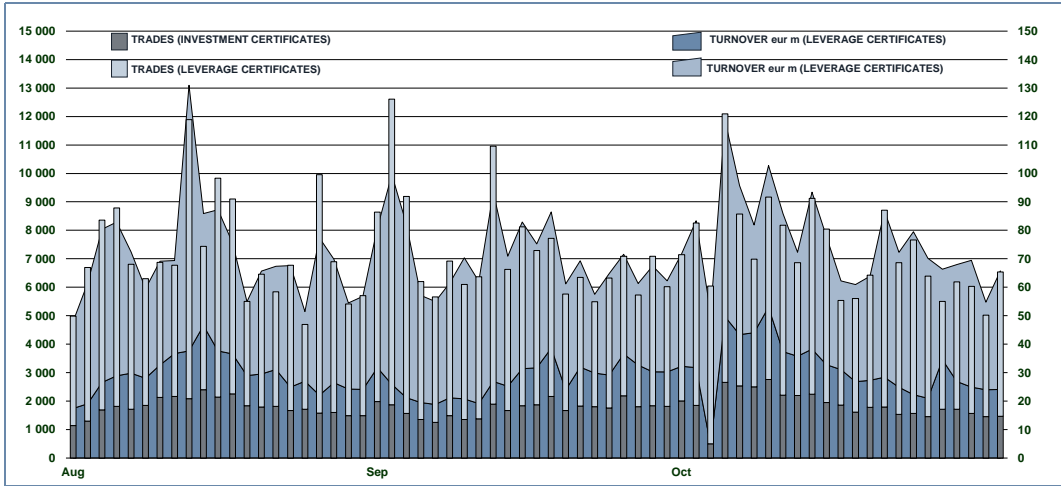
FIRST TEN EXOTIC COVERED WARRANT IN TERMS OF TURNOVER TRADED IN OCTOBER 2019

	ISIN	Issuer	Type	Strike	Underlying	Expiration Date	Turnover eur m	% TOT	% CUM	Trades
1	LU2000239439	SOCIETE GENERALE ISSUER	ESOT	-	FIAT CHRYSLER AUTOMOBILES	20/12/2019	1.00	10.91%	10.91%	83
2	LU1988682644	SOCIETE GENERALE ISSUER	ESOT	-	FIAT CHRYSLER AUTOMOBILES	20/12/2019	0.74	8.09%	19.00%	71
3	DE000HV44VA0	UNICREDIT BANK	ESOT	-	ENI	19/12/2019	0.59	6.44%	25.44%	23
4	DE000HV44VV6	UNICREDIT BANK	ESOT	-	INTESA SANPAOLO	19/12/2019	0.49	5.31%	30.75%	8
5	LU1946504930	SOCIETE GENERALE ISSUER	ESOT	-	FUTURE PETROLIO WTI	20/12/2019	0.45	4.94%	35.69%	18
6	LU1946261267	SOCIETE GENERALE ISSUER	ESOT	-	UNICREDIT	20/12/2019	0.44	4.83%	40.52%	21
7	LU2000239942	SOCIETE GENERALE ISSUER	ESOT	-	UNICREDIT	20/12/2019	0.44	4.80%	45.31%	18
8	DE000HV44VW4	UNICREDIT BANK	ESOT	-	INTESA SANPAOLO	19/12/2019	0.29	3.16%	48.47%	7
9	LU1921184252	SOCIETE GENERALE ISSUER	ESOT	-	UNICREDIT	20/12/2019	0.28	3.01%	51.48%	22
10	LU1946261184	SOCIETE GENERALE ISSUER	ESOT	-	UNICREDIT	20/12/2019	0.24	2.57%	54.05%	27

DISTRIBUTION OF TRADING BY SIZE OF TRADES

SIZE OF TRADE (eur)	SEPTEMBER 2019		OCTOBER 2019		JAN-OCT 2019				
	Trades	eur m	Trades	eur m	Trades	% TOT	eur m	% TOT	
0	250	8 664	0.8	9 367	0.9	82 748	27.16%	7.5	0.42%
250	500	4 256	1.5	4 536	1.6	39 644	13.01%	14.3	0.80%
500	1 000	4 027	2.9	4 363	3.1	39 243	12.88%	27.7	1.55%
1 000	2 000	3 436	4.8	4 006	5.7	34 235	11.24%	48.5	2.71%
2 000	3 000	2 058	5.0	2 268	5.6	19 773	6.49%	48.2	2.69%
3 000	4 000	1 844	6.3	2 070	7.1	15 536	5.10%	53.3	2.98%
4 000	5 000	1 427	6.3	2 111	9.4	12 491	4.10%	55.0	3.07%
5 000	10 000	2 087	13.9	3 708	23.9	23 925	7.85%	161.3	9.01%
10 000	15 000	443	5.2	598	7.2	3 731	1.22%	44.3	2.48%
15 000	20 000	315	5.4	257	4.5	2 113	0.69%	37.1	2.07%
20 000	25 000	183	4.1	303	6.7	2 210	0.73%	50.2	2.80%
25 000	50 000	2 310	83.1	3 046	120.5	21 163	6.95%	766.9	42.82%
50 000	75 000	1 364	86.9	520	30.9	7 585	2.49%	454.1	25.35%
75 000	150 000	34	3.2	63	5.5	197	0.06%	17.3	0.97%
150 000		9	1.7	7	1.4	23	0.01%	5.3	0.29%

CERTIFICATES

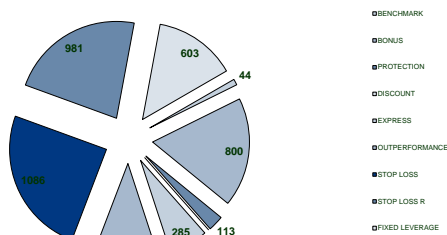


MAIN INDICATORS

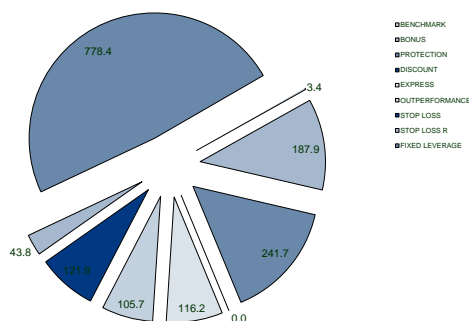
LISTED SeDeX						TRADING						
DEC 2018	SEPTEMBER 2019		OCTOBER 2019		SEPTEMBER 2019	OCTOBER 2019	JAN-OCT 2019		SEPTEMBER 2019	OCTOBER 2019	SEPTEMBER 2019	OCTOBER 2019
LISTED	LISTED	MONTH	LISTED	MONTH	number	eur m	number	eur m	number	eur m	number	eur m
END of MONTH	END of MONTH	NEW LISTED	END of MONTH	NEW LISTED								
LEVERAGE CERTIFICATES CLASS A - UNDERLYING ASSETS												
DOMESTIC SHARES	457	577	63	837	306	6 244	49.4	8 958	92.7	64 090	336.6	
DOMESTIC INDICES	111	116	13	145	40	4 877	15.5	5 739	16.2	56 134	211.0	
FOREIGN SHARES	113	188	36	293	132	1 301	3.8	2 293	6.5	17 937	69.4	
FOREIGN INDICES	183	213	14	216	27	2 936	12.3	4 670	28.0	33 283	136.9	
COMMODITIES	68	149	27	158	28	1 343	2.8	1 260	4.1	8 866	37.9	
INTEREST RATE	-	-	-	-	-	-	-	-	-	-	-	-
EXCHANGE RATE	52	87	3	86	-	165	0.4	187	0.6	1 574	6.0	
OTHERS	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	984	1 330	156	1 735	533	16 866	84.2	23 107	148.1	181 884	797.8	
LEVERAGE CERTIFICATES CLASS B - UNDERLYING ASSETS												
DOMESTIC SHARES	64	112	-	112	-	2 309	16.5	2 852	22.0	19 738	163.6	
DOMESTIC INDICES	38	50	-	50	-	55 695	513.6	68 885	614.2	645 820	5 858.9	
FOREIGN SHARES	42	103	8	102	-	525	3.3	894	7.1	5 099	26.7	
FOREIGN INDICES	88	129	-	129	-	7 272	80.9	9 460	102.9	81 535	722.1	
COMMODITIES	94	167	22	184	18	29 239	130.5	21 643	99.0	187 183	794.9	
INTEREST RATE	14	11	-	11	-	1 230	41.3	403	13.2	7 359	268.3	
EXCHANGE RATE	4	4	-	4	-	282	2.0	156	0.8	2 544	28.6	
OTHERS	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	344	576	30	592	18	96 552	788.1	104 293	859.2	949 278	7 863.0	
INVESTMENT CERTIFICATES - UNDERLYING ASSETS												
DOMESTIC SHARES	742	706	18	729	47	7 454	104.1	8 189	106.5	70 931	955.4	
DOMESTIC INDICES	53	48	3	49	2	1 935	36.4	1 671	29.2	20 978	396.1	
FOREIGN SHARES	361	398	25	422	32	5 258	94.3	8 103	148.7	52 714	831.1	
FOREIGN INDICES	199	205	6	211	9	17 597	312.5	15 311	267.0	109 130	1 941.1	
COMMODITIES	16	14	-	14	-	7	0.0	2	0.0	62	0.6	
INTEREST RATE	4	4	-	4	-	23	0.4	17	0.4	258	5.4	
EXCHANGE RATE	17	24	5	24	-	706	6.7	652	6.5	3 782	39.0	
OTHERS	204	233	-	238	11	4 707	61.9	6 299	82.7	44 403	591.1	
TOTAL	1 596	1 632	57	1 691	101	37 687	616.3	40 244	641.0	302 258	4 759.9	
LEVERAGE CERTIFICATES CLASS A - ISSUERS												
BNP PARIBAS ISSUANCE	820	1 183	156	1 214	145	16 071	50.4	21 455	100.3	175 287	625.6	
UNICREDIT BANK	164	147	-	521	388	795	33.8	1 652	47.8	6 597	172.2	
TOTAL	984	1 330	156	1 735	533	16 866	84.2	23 107	148.1	181 884	797.8	
LEVERAGE CERTIFICATES CLASS B - ISSUERS												
BNP PARIBAS ISSUANCE	14	14	-	24	10	4 465	38.5	4 051	35.8	47 891	549.5	
COMMERZBANK	8	8	-	8	-	22	0.1	25	0.2	1 117	1.4	
DEUTSCHE BANK AG	4	-	-	-	-	-	-	-	-	5	0.0	
SOCIETE GENERALE ISSUER	60	118	-	117	1	74 732	530.5	80 220	607.5	710 844	5 023.9	
UNICREDIT BANK	66	66	-	66	-	2 952	46.7	3 472	47.7	43 200	861.1	
VONTobel FINANCIAL PRODUCTS GMBH	192	370	30	377	7	14 381	172.2	16 525	168.0	146 221	1 427.0	
TOTAL	344	576	30	592	18	96 552	788.1	104 293	859.2	949 278	7 863.0	
INVESTMENT CERTIFICATES - ISSUERS												
BANCA AKROS	130	94	-	89	-	5 623	87.1	5 543	74.5	78 044	1 192.3	
BANCA IMI	147	296	32	324	37	22 017	420.1	21 612	417.9	122 500	2 475.3	
BNP PARIBAS ISSUANCE	264	272	-	309	41	2 394	24.5	3 665	37.7	25 838	247.5	
CITIGROUP GLOBAL MARKETS FUNDING LU	1	1	-	1	-	-	-	-	-	-	-	
COMMERZBANK	99	96	-	95	-	748	7.0	985	8.8	9 893	95.1	
CREDIT AGRICOLE CIB FIN (GUERNSEY)	1	1	-	1	-	2	0.0	1	0.0	16	0.1	
CREDIT AGRICOLE CIB FINANCIAL PROD	3	3	-	3	-	19	0.3	16	0.3	168	2.8	
CREDIT AGRICOLE CIB FINANCIAL SOLUT	9	8	-	8	-	29	0.5	28	0.6	323	5.5	
CREDIT AGRICOLE CORP AND INV BANK	2	2	-	2	-	14	0.2	9	0.1	212	3.5	
CREDIT SUISSE	36	46	1	46	1	618	10.2	618	7.1	5 943	94.7	
DEUTSCHE BANK AG	81	58	-	57	-	97	2.0	136	2.2	1 508	27.5	
EVANE FINANCE	25	18	-	18	-	142	1.5	212	2.2	1 505	20.2	
GOLDMAN SACHS FIN CORP INT	-	1	-	1	-	4	0.1	18	0.3	32	0.4	
GOLDMAN SACHS INTERNATIONAL	73	53	1	38	-	308	3.2	459	7.6	3 493	41.6	
ING BANK	4	2	-	2	-	261	3.2	385	5.7	1 855	22.9	
JP MORGAN STRUCTURED PRODUCTS B.V	4	4	-	4	-	5	0.1	30	0.9	105	2.3	
LEONTEO SECURITIES	-	-	-	1	-	-	-	-	20	0.3	20	0.3
MORGAN STANLEY BV	4	6	-	4	-	63	0.6	35	0.6	457	8.3	
NATIXIS STRUCTURED ISSUANCE	37	46	2	52	6	1 195	13.1	1 879	23.2	11 021	145.1	
NATWEST MARKETS PLC	2	2	-	2	-	-	-	-	-	-	1	0.0
SOCIETE GENERALE EFFETEN	3	1	-	-	-	-	-	-	-	-	-	
SOCIETE GENERALE ISSUER	89	157	15	156	-	895	8.3	1 130	13.5	7 494	78.7	
UBS AG	11	20	1	21	1	812	11.9	815	12.1	5 585	82.0	
UNICREDIT	-	2	1	2	-	4	0.0	4	0.1	8	0.1	
UNICREDIT BANK	555	418	-	416	-	2 236	21.0	2 309	23.2	23 787	196.3	
VONTobel FINANCIAL PRODUCTS GMBH	16	25	4	39	14	201	1.5	285	2.3	2 420	17.9	
TOTAL	1 596	1 632	57	1 691	101	37 687	616.3	40 244	641.0	302 258	4 759.9	

CERTIFICATES

NUMBER OF LISTED CERTIFICATES



TURNOVER BY TYPOLOGIES - eur m



MAIN INDICATORS

LISTED SeDeX

TRADING

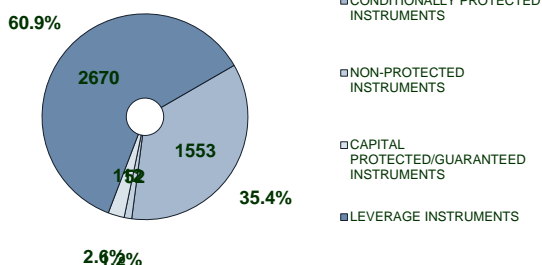
DEC 2018		SEPTEMBER 2019		OCTOBER 2019		SEPTEMBER 2019		OCTOBER 2019		JAN-OCT 2019	
LISTED	END of MONTH	LISTED	END of MONTH	LISTED	END of MONTH	TRADES number	TURNOVER eur m	TRADES number	TURNOVER eur m	TRADES number	TURNOVER eur m

CERTIFICATES - TYPOLOGY

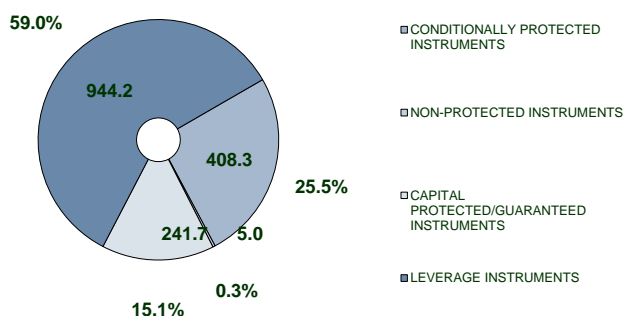
BENCHMARK (*)	39	44	-	44	1	268	2.3	227	1.8	2 879	23.6
BONUS	735	704	21	771	75	8 209	154.8	10 964	212.9	67 597	1 205.3
PROTECTION	127	117	2	114	3	17 624	314.5	14 340	252.9	125 255	2 216.9
DISCOUNT	-	-	-	-	-	-	-	-	-	-	-
EXPRESS	270	279	5	285	10	5 859	70.7	7 241	88.7	51 364	627.2
OUTPERFORMANCE	425	488	29	477	12	5 727	74.0	7 472	84.7	55 163	686.8
STOP LOSS	231	353	34	768	472	10 809	36.9	13 874	59.0	116 981	374.5
STOP LOSS R	753	977	122	967	61	6 057	47.3	9 233	89.1	64 903	423.3
FIXED LEVERAGE	344	576	30	592	18	96 552	788.1	104 293	859.2	949 278	7 863.0
CERTIFICATES IN DISTRIBUTIO	-	-	-	-	-	-	-	-	-	-	-
TOTAL	2 924	3 538	243	4 018	652	151 105	1 488.5	167 644	1 648.3	1 433 420	13 420.6

(*) Open end and Quanto are included

NUMBER OF LISTED CERTIFICATES BY ACEPI CLASS



TURNOVER BY ACEPI CLASS



DISTRIBUTION OF TRADING BY SIZE OF TRADES

SIZE OF TRADE (eur)	SEPTEMBER 2019		OCTOBER 2019		JAN-OCT 2019			
	Trades	eur m	Trades	eur m	Trades	% TOT	eur m	% TOT
- 250	10 217	1.1	9 838	1.2	91 142	6.36%	11.3	0.08%
250 500	8 607	3.2	9 213	3.4	84 020	5.86%	31.4	0.23%
500 1 000	14 271	10.6	15 924	11.8	143 637	10.02%	106.7	0.80%
1 000 2 000	20 167	29.1	22 421	32.3	205 635	14.35%	298.5	2.22%
2 000 3 000	12 345	30.5	14 259	35.1	124 523	8.69%	306.5	2.28%
3 000 4 000	9 027	30.8	9 701	33.4	85 395	5.96%	294.3	2.19%
4 000 5 000	7 065	32.0	8 452	38.6	75 286	5.25%	342.2	2.55%
5 000 10 000	22 428	157.4	24 948	177.2	213 934	14.92%	1 537.8	11.46%
10 000 15 000	16 927	205.2	19 075	233.9	160 585	11.20%	1 991.7	14.84%
15 000 20 000	11 965	195.9	14 130	232.3	97 232	6.78%	1 610.9	12.00%
20 000 25 000	5 150	111.4	5 472	118.3	39 197	2.73%	854.3	6.37%
25 000 50 000	8 044	269.8	8 894	305.6	69 427	4.84%	2 399.6	17.88%
50 000 75 000	2 749	159.6	3 104	179.4	23 240	1.62%	1 360.3	10.14%
75 000 150 000	1 889	191.1	1 979	195.4	17 774	1.24%	1 762.0	13.13%
150 000	254	60.8	234	50.1	2 393	0.17%	513.0	3.82%

CERTIFICATES

FIRST TEN LEVERAGE CERTIFICATES CLASS A IN TERMS OF TURNOVER TRADED IN OCTOBER 2019

ISIN	Issuer	Type	Strike	Underlying	Barrier	Expiration Date	Turnover eur m	% TOT	% CUM	Trades
1 DE000HV4BVQ7	UNICREDIT BANK	BULL	5.3	T CHRYSLER AUTOMOB	5.6	31/12/2099	17.4	11.75%	11.75%	332
2 DE000HV4BVR5	UNICREDIT BANK	BULL	6.0	T CHRYSLER AUTOMOB	6.3	31/12/2099	13.2	8.88%	20.63%	329
3 NL0012157507	BNP PARIBAS ISSUANCE	BULL	3.3	ENEL	3.4	18/12/2020	8.5	5.71%	26.34%	207
4 NL0011948609	BNP PARIBAS ISSUANCE	BULL	2.9	ENEL	3.1	18/12/2020	8.4	5.64%	31.98%	180
5 DE000HV471C6	UNICREDIT BANK	BEAR	15.5	T CHRYSLER AUTOMOB	15.5	31/12/2099	5.5	3.72%	35.70%	301
6 NL0012314785	BNP PARIBAS ISSUANCE	BULL	3.6	ENEL	3.8	18/12/2020	4.2	2.85%	38.55%	102
7 DE000HV4BH02	UNICREDIT BANK	BULL	3.0	ENEL	3.1	31/12/2099	3.3	2.22%	40.77%	71
8 DE000HV470E4	UNICREDIT BANK	BULL	9.8	ENI	9.8	31/12/2099	3.3	2.20%	42.97%	168
9 NL0013493356	BNP PARIBAS ISSUANCE	BEAR	8 250.0	NASDAQ 100	8 250.0	18/12/2019	3.1	2.10%	45.07%	409
10 NL0013493158	BNP PARIBAS ISSUANCE	BEAR	3 200.0	S&P 500	3 200.0	18/12/2019	2.8	1.86%	46.93%	163

FIRST TEN LEVERAGE CERTIFICATES CLASS B IN TERMS OF TURNOVER TRADED IN OCTOBER 2019

ISIN	Issuer	Type	Strike	Underlying	Barrier	Expiration Date	Turnover eur m	% TOT	% CUM	Trades
1 DE000SG2QNT6	SOCIETE GENERALE ISSUER	BULL	-	IE MIB NET-OF-TAX (LUX) TR		31/12/2099	247.7	28.83%	28.83%	26 059
2 DE000SG2QNU4	SOCIETE GENERALE ISSUER	BEAR	-	FTSE MIB GROSS TR		31/12/2099	171.2	19.92%	48.75%	20 994
3 LU1490163091	SOCIETE GENERALE ISSUER	BULL	-	IE MIB NET-OF-TAX (LUX) TR		18/06/2021	38.9	4.53%	53.28%	4 920
4 DE000VNA9AAM3	VONTOBEL FINANCIAL PRODUCTS GMBH	BULL	-	VT 7XL MIB		18/12/2020	34.2	3.98%	57.26%	2 946
5 DE000HV40B56	UNICREDIT BANK	BULL	-	ITALIA LEVA 7 LONG		16/10/2020	26.3	3.06%	60.32%	1 321
6 LU1490163331	SOCIETE GENERALE ISSUER	BEAR	-	FTSE MIB GROSS TR		18/06/2021	18.4	2.14%	62.46%	3 900
7 LU1434170186	SOCIETE GENERALE ISSUER	BULL	-	JTURES X7 LEVERAGED INDEX		18/06/2021	16.3	1.90%	64.36%	4 461
8 LU1960020227	SOCIETE GENERALE ISSUER	BULL	-	DAX NET RETURN INDEX		31/12/2099	15.6	1.81%	66.17%	1 125
9 LU2016226461	SOCIETE GENERALE ISSUER	BULL	-	IAS FUTURES X7 LEVERAGED INDEX		18/06/2021	14.2	1.65%	67.82%	3 967
10 NL0012666390	BNP PARIBAS ISSUANCE	BULL	-	FUTURE SU FTSE MIB		17/12/2021	13.6	1.59%	69.40%	1 400

FIRST TEN PROTECTION CERTIFICATES IN TERMS OF TURNOVER TRADED IN OCTOBER 2019

ISIN	Issuer	Marketing Name	Protection Level	Underlying	Participation	Cap	Expiration Date	Turnover eur m	% TOT	% CUM	Trades
1 XS1940202440	BANCA IMI	STANDARD		EURO STOXX 50	NO	NO	20/02/2026	18.9	7.49%	7.49%	1 411
2 IT0005364168	BANCA IMI	STANDARD		EURO STOXX 50	NO	NO	27/03/2026	15.7	6.22%	13.71%	1 279
3 XS1794343266	BANCA IMI	EQUITY PROTECTION		EURO STOXX 50	NO	4 711.1	11/04/2022	15.0	5.91%	19.62%	339
4 XS1984953015	BANCA IMI	STANDARD		EURO STOXX 50	NO	NO	29/05/2026	14.4	5.69%	25.31%	985
5 XS1967674521	BANCA IMI	STANDARD		EURO STOXX SELECT DIVIDEND	NO	NO	30/04/2026	13.5	5.35%	30.66%	769
6 IT0005212516	BANCA AKROS	TARGET CEDOLA		1 810.1 TOXX SELECT DIVIDEND	NO	NO	15/09/2023	13.2	5.23%	35.90%	900
7 XS2002017791	BANCA IMI	STANDARD		EURO STOXX SELECT DIVIDEND	NO	NO	26/06/2026	10.9	4.30%	40.20%	721
8 IT0005344921	BANCA IMI	EQUITY PROTECTION		3 190.1 EURO STOXX 50	100.00%	1 450.0	23/10/2023	10.8	4.26%	44.45%	505
9 XS1995716138	BANCA IMI	STANDARD		EURO STOXX SELECT DIVIDEND	NO	NO	10/06/2026	9.0	3.56%	48.02%	525
10 XS1940202366	BANCA IMI	STANDARD		SMI	NO	NO	24/02/2025	8.0	3.15%	51.17%	633

FIRST TEN BONUS CERTIFICATES IN TERMS OF TURNOVER TRADED IN OCTOBER 2019

ISIN	Issuer	Marketing Name	Underlying	Barrier	Bonus	Cap	Expiration Date	Turnover eur m	% TOT	% CUM	Trades
1 XS1981744672	BANCA IMI	BONUS CAP	REPSOL	7.2	104.00%	NO	10/05/2023	23.0	10.81%	10.81%	777
2 XS1971572240	BANCA IMI	BONUS CAP	BNP PARIBAS	26.2	104.85%	NO	24/04/2023	20.0	9.37%	20.19%	570
3 XS1995014450	BANCA IMI	BONUS CAP	VOLKSWAGEN	78.2	103.80%	NO	31/05/2023	15.2	7.12%	27.31%	520
4 XS1981745133	BANCA IMI	BONUS CAP	AXA	12.2	103.35%	NO	10/05/2023	10.8	5.05%	32.37%	362
5 XS1967676062	BANCA IMI	BONUS CAP	ORANGE	8.5	103.45%	NO	02/05/2023	10.3	4.81%	37.18%	648
6 XS2006305721	BANCA IMI	BONUS CAP	EUROSTOXX BANKS (P)	47.6	104.50%	NO	26/06/2023	8.3	3.89%	41.07%	285
7 XS2006306026	BANCA IMI	BONUS CAP	ORANGE	7.9	103.25%	NO	26/06/2023	8.2	3.84%	44.92%	260
8 XS1984952710	BANCA IMI	BONUS CAP	ENEL	3.4	103.80%	NO	31/05/2023	6.3	2.94%	47.85%	408
9 XS1896848865	BANCA IMI	BONUS CAP	BAYER	39.9	105.00%	NO	15/11/2022	6.2	2.92%	50.77%	285
10 XS1839115893	BANCA IMI	BONUS CAP	EURO STOXX 50	2 422.5	104.00%	1.0	11/07/2022	5.5	2.60%	53.37%	181

FIRST TEN BENCHMARK CERTIFICATES IN TERMS OF TURNOVER TRADED IN OCTOBER 2019

ISIN	Issuer	Marketing Name	Underlying	Expiration Date	Turnover eur m	% TOT	% CUM	Trades
1 DE000VN9C4B2	VONTOBEL FINANCIAL PRODUCTS GMBH	TRACKER	CHAIN TECHNOLOGY PER	31/12/2099	0.3	17.43%	17.43%	47
2 DE000VN9CG96	VONTOBEL FINANCIAL PRODUCTS GMBH	TRACKER	RTIFICIAL INTELLIGENCE PI	24/01/2023	0.2	12.31%	29.74%	20
3 DE000VN9EGH2	VONTOBEL FINANCIAL PRODUCTS GMBH	TRACKER	G TECHNOLOGY PERFORM	11/12/2028	0.2	10.80%	40.53%	20
4 DE000VF2KQC4	VONTOBEL FINANCIAL PRODUCTS GMBH	TRACKER	TIVE SMART GRID PERFORM	17/02/2023	0.1	7.54%	48.08%	4
5 XS1778816519	SOCIETE GENERALE ISSUER	BENCHMARK	EUROSTOXX BANK TRN	31/12/2099	0.1	6.68%	54.75%	19
6 DE000VF53S28	VONTOBEL FINANCIAL PRODUCTS GMBH	STRATEGIC TRACKER	LT AND ROAD INDEX, ADVIS	31/12/2099	0.1	6.10%	60.85%	29
7 DE000VN9EGG4	VONTOBEL FINANCIAL PRODUCTS GMBH	TRACKER	DIGITAL MARKETPLACES PE	17/10/2023	0.1	6.01%	66.86%	10
8 DE000VE2TG69	VONTOBEL FINANCIAL PRODUCTS GMBH	STRATEGIC TRACKER	AQUA INDEX	31/12/2099	0.1	5.78%	72.64%	14
9 DE000DM7J701	DEUTSCHE BANK AG	INDEX CERTIFICATE	ACTIVE CHINA INTERNET	17/10/2019	0.1	5.08%	77.72%	3
10 XS1778816436	SOCIETE GENERALE ISSUER	BENCHMARK	MSCI TRN WORLD INDEX	31/12/2099	0.1	4.94%	82.66%	7

FIRST TEN OTHER CERTIFICATES IN TERMS OF TURNOVER TRADED IN OCTOBER 2019

ISIN	Issuer	Marketing Name	Underlying	Strike	Barrier	Expiration Date	Turnover eur m	% TOT	% CUM	Trades
1 XS1963444465	BANCA IMI	SWITCH	GENERALI	-	16.8	12/04/2023	8.2	4.74%	4.74%	247
2 IT0006745431	NATIXIS STRUCTURED ISSUANCE	AUTOCALL PHOENIX	UNICREDIT/STMICROELEC	-	-	22/07/2024	5.7	3.29%	8.03%	424
3 XS1307984382	INGBANK	EXPRESS	GENERALI	-	-	09/12/2020	5.6	3.25%	11.28%	389
4 XS1984952553	BANCA IMI	CASH COLLECT	TOXX SELECT DIVIDEND 3	-	1 309.1	31/05/2024	4.2	2.43%	13.71%	408
5 XS1984952983	BANCA IMI	EXPRESS	DAIMLER	-	26.0	31/05/2023	4.1	2.36%	16.07%	238
6 XS1813588313	BANCA IMI	DOUBLE EXPRESS	ENEL/FCA	-	-	11/06/2021	4.1	2.35%	18.42%	119
7 GB00BJ4DG329	GOLDMAN SACHS INTERNATIONAL	PHOENIX AUTOCALL	ENI/TOTAL	-	-	20/09/2023	3.7	2.12%	20.54%	212
8 IT0006745027	NATIXIS STRUCTURED ISSUANCE	AUTOCALL PHOENIX	VMH/COMPAGNIE DE SAIN	-	-	06/06/2024	3.1	1.77%	22.31%	87
9 IT0005379687	BANCA IMI	DOUBLE EXPRESS	REPSOL/GENERAL ELECTRI	-	-	15/08/2022	2.8	1.63%	23.94%	107
10 IT0006745423	NATIXIS STRUCTURED ISSUANCE	AUTOCALL PHOENIX	MER TOB/CRED AGRIC/VOI	-	-	22/07/2024	2.7	1.55%	25.49%	261

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