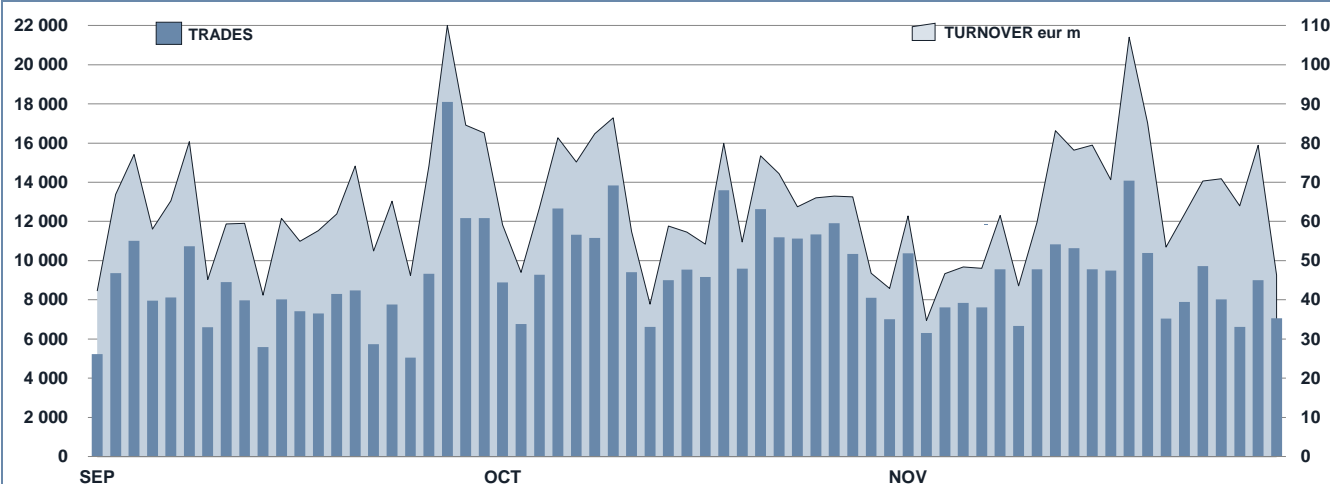




Sedex Statistics

November 2018

SECURITISED DERIVATIVES DAILY TURNOVER



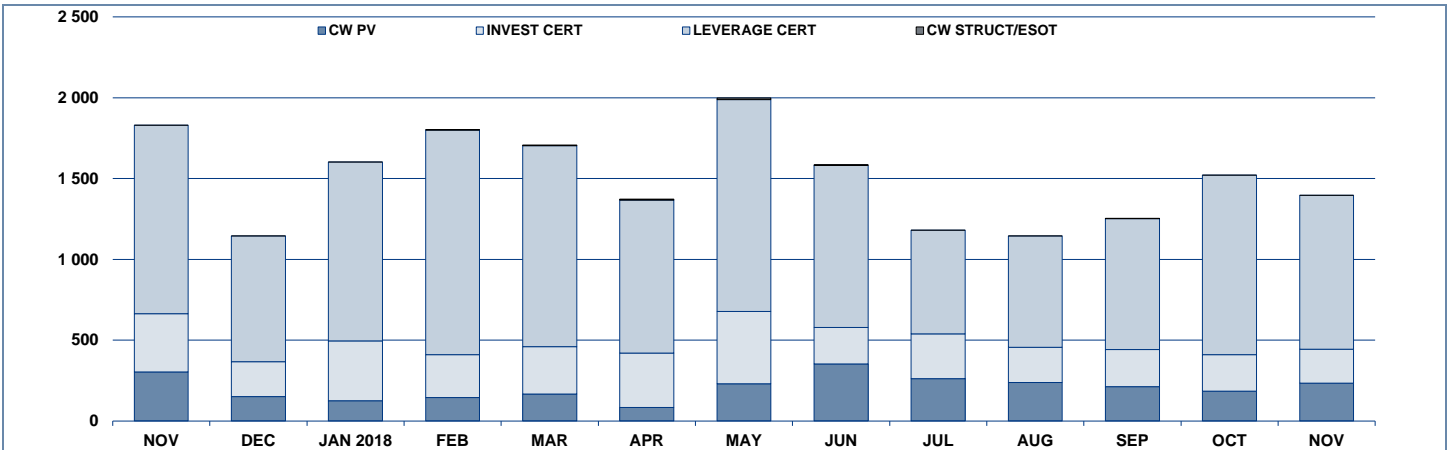
MAIN INDICATORS

LISTED SeDeX

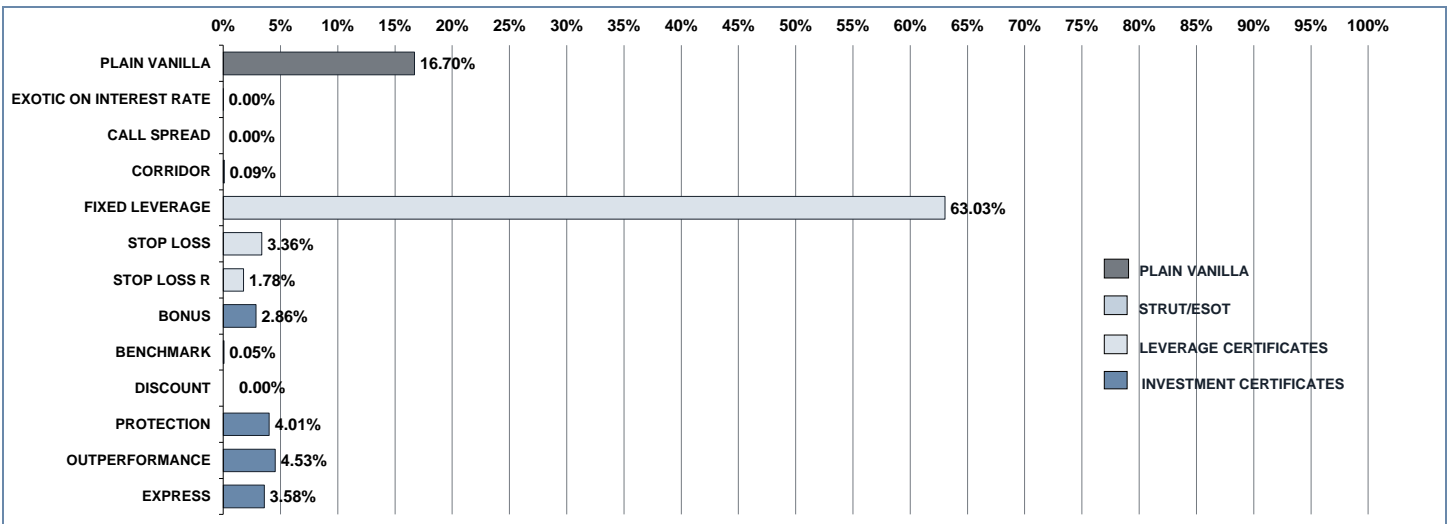
TRADING

	DEC2017		OCTOBER 2018		NOVEMBER 2018		OCTOBER 2018		NOVEMBER 2018		JAN-NOV 2018	
	LISTED END OF MONTH	LISTED END OF MONTH	MONTH NEW LISTED	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
<b>MARKET SEGMENTS</b>												
CW PLAIN VANILLA	6 991	7 083	922	7 038	194	38 863	184.4	31 700	233.2	357 985	2 230.4	
STRUCTURED/EXOTIC CW	48	281	312	250	-	344	0.8	348	1.3	6 355	27.3	
LEVERAGE CERTIFICATES CLASS A	777	1 047	208	1 258	299	26 851	88.0	19 295	71.8	239 900	888.8	
LEVERAGE CERTIFICATES CLASS B	336	337	4	337	-	155 760	1 021.9	125 201	880.4	1 319 053	10 317.2	
INVESTMENT CERTIFICATES CLASS A	31	38	2	38	-	259	1.5	120	0.7	4 427	24.7	
INVESTMENT CERTIFICATES CLASS B	1 237	1 571	156	1 712	177	19 722	225.0	16 214	209.4	247 926	3 075.9	
of which CERTIFICATES IN DISTRIBUTION	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL</b>	<b>9 420</b>	<b>10 357</b>	<b>1 604</b>	<b>10 633</b>	<b>670</b>	<b>241 799</b>	<b>1 521.6</b>	<b>192 878</b>	<b>1 396.9</b>	<b>2 175 646</b>	<b>16 564.3</b>	
<b>UNDERLYING ASSETS</b>												
DOMESTIC SHARES	5 187	5 605	980	5 734	361	31 906	144.7	24 549	117.8	350 932	1 968.5	
DOMESTIC INDICES	1 638	1 516	219	1 540	86	153 562	1 039.5	105 338	942.2	1 224 044	10 758.2	
FOREIGN SHARES	862	1 147	116	1 220	114	7 272	49.6	6 435	43.1	70 131	542.3	
FOREIGN INDICES	996	1 226	163	1 307	92	24 562	161.0	20 624	125.9	214 528	1 536.3	
COMMODITIES	245	237	43	200	-	19 375	80.0	30 805	110.9	243 667	979.5	
INTEREST RATE	63	55	-	55	-	783	5.4	405	2.4	4 456	34.0	
EXCHANGE RATE	202	356	60	358	6	1 323	4.4	1 097	5.3	18 599	75.7	
OTHERS	227	215	23	219	11	3 016	37.1	3 625	49.3	49 289	669.8	
<b>TOTAL</b>	<b>9 420</b>	<b>10 357</b>	<b>1 604</b>	<b>10 633</b>	<b>670</b>	<b>241 799</b>	<b>1 521.6</b>	<b>192 878</b>	<b>1 396.9</b>	<b>2 175 646</b>	<b>16 564.3</b>	
<b>ISSUERS</b>												
BANCA AKROS	10	145	-	141	-	7 376	99.5	5 447	66.5	12 827	166.0	
BANCA ALETTI	151	-	-	-	-	-	-	-	-	63 662	898.0	
BANCA IMI	488	630	94	495	14	5 293	34.4	4 388	30.7	51 220	348.5	
BANCA MONTE PASCHI SIENA	32	28	-	28	-	15	0.0	9	0.0	131	0.0	
BNP PARIBAS ISSUANCE	703	1 157	257	1 398	330	36 519	163.5	26 715	130.3	326 819	1 640.6	
CITIGROUP GLOBAL MARKETS FUNDING LU	1	1	-	1	-	-	-	-	-	-	-	
COMMERZBANK	83	106	7	111	6	1 458	11.3	1 597	15.1	27 096	266.4	
CREDIT AGRICOLE CIB FIN (GUERNSEY)	6	6	-	6	-	5	0.0	8	0.1	109	1.1	
CREDIT AGRICOLE CIB FINANCIAL PROD	5	3	-	3	-	16	0.2	8	0.2	187	2.1	
CREDIT AGRICOLE CIB FINANCIAL SOLUT	10	9	-	9	-	42	0.7	25	0.4	548	8.2	
CREDIT AGRICOLE CORP AND INV BANK	2	2	-	2	-	74	1.4	19	0.4	404	6.9	
CREDIT SUISSE	11	28	-	37	9	288	3.2	284	4.1	3 230	61.8	
DEUTSCHE BANK AG	95	80	-	79	-	252	6.3	128	3.4	2 406	36.9	
EXANE FINANCE	13	21	-	21	-	278	3.4	122	1.0	1 889	21.4	
GOLDMAN SACHS INTERNATIONAL	8	67	15	73	6	501	6.2	631	22.6	4 893	85.6	
INGBANK	5	4	-	4	-	16	0.1	14	0.1	557	7.7	
JP MORGAN STRUCTURED PRODUCTS B.V	5	4	-	4	-	2	0.0	9	0.2	102	2.2	
MORGAN STANLEY BV	2	5	-	4	-	34	0.6	22	0.2	735	19.5	
NATIXIS STRUCTURED ISSUANCE	33	34	2	35	2	633	10.5	590	12.5	6 048	94.3	
NATIXIS STRUCTURED PRODUCTS LIMITED	3	-	-	-	-	-	-	-	-	5	0.1	
NATWEST MARKETS PLC	-	2	-	2	-	-	-	-	-	4	0.0	
SOCIETE GENERALE	17	17	-	17	-	83	0.1	36	0.0	722	0.9	
SOCIETE GENERALE EFFEKTEN	16	4	-	3	-	1	0.0	-	-	466 895	3 678.2	
SOCIETE GENERALE ISSUER	1 643	1 766	545	1 725	-	118 998	725.8	94 474	577.5	575 552	3 309.8	
THE ROYAL BANK OF SCOTLAND PLC	3	-	-	-	-	-	-	-	-	16	0.3	
UBS AG	9	11	1	11	1	116	2.5	438	10.4	2 308	47.8	
UNICREDIT BANK	4 611	3 699	296	3 934	279	34 602	270.0	28 018	361.3	381 838	4 593.5	
VONTOBEL FINANCIAL PRODUCTS GMBH	1 455	2 528	387	2 490	23	35 197	181.8	29 896	159.9	245 443	1 266.4	
<b>TOTAL</b>	<b>9 420</b>	<b>10 357</b>	<b>1 604</b>	<b>10 633</b>	<b>670</b>	<b>241 799</b>	<b>1 521.6</b>	<b>192 878</b>	<b>1 396.9</b>	<b>2 175 646</b>	<b>16 564.3</b>	

**TURNOVER**  
**MONTHLY FIGURES - eur m**



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



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

UNDERLYING ASSET	NOVEMBER 2018			
	TRADES			DAILY
	NUMBER	% TOT	% CUM	
FTSE MIB GROSS TR	33 533	17.39%	17.39%	1 524
FTSE MIB NET-OF-TAX (LUX) TR	27 702	14.36%	31.75%	1 259
FTSE MIB	21 605	11.20%	42.95%	982
NATURAL GAS FUTURES X7 SHORT LEVERAGED INDEX	7 789	4.04%	46.99%	354
DAX	5 610	2.91%	49.90%	255
WTI FUTURES X7 LEVERAGED INDEX	5 498	2.85%	52.75%	250
FUTURE SU FTSE MIB	5 275	2.73%	55.48%	240
VT 7XL MIB	5 134	2.66%	58.14%	233
VT 7XS MIB	4 493	2.33%	60.47%	204
ITALIA LEVA 7 LONG	3 860	2.00%	62.47%	175

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

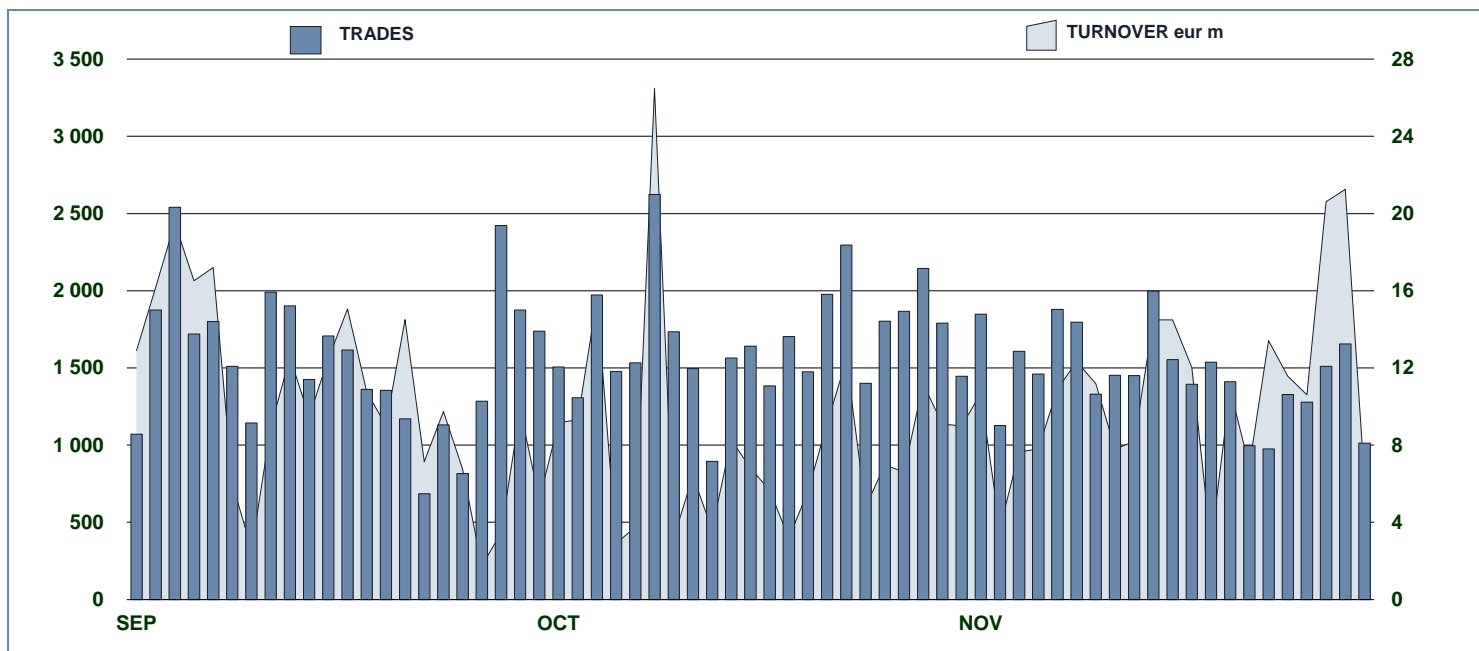
UNDERLYING ASSET	NOVEMBER 2018			
	TURNOVER			DAILY
	eur m	% TOT	% CUM	
FTSE MIB GROSS TR	265.14	18.98%	18.98%	12.05
FTSE MIB	238.08	17.04%	36.03%	10.82
FTSE MIB NET-OF-TAX (LUX) TR	183.53	13.14%	49.16%	8.34
ITALIA LEVA 7 LONG	104.01	7.45%	56.61%	4.73
VT 7XL MIB	45.14	3.23%	59.84%	2.05
VT 7XS MIB	40.53	2.90%	62.74%	1.84
FUTURE SU FTSE MIB	39.19	2.81%	65.55%	1.78
EURO STOXX 50	31.21	2.23%	67.78%	1.42
INTESA SANPAOLO	30.39	2.18%	69.96%	1.38
DAX	25.64	1.84%	71.79%	1.17

**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 2017		OCTOBER 2018		NOVEMBER 2018		OCTOBER 2018		NOVEMBER 2018		JAN-NOV 2018	
	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
<b>UNDERLYING ASSETS</b>												
DOMESTIC SHARES	4 136	4 289	780	4 240	119	14 410	21.1	11 514	15.7	148 264	253.4	
DOMESTIC INDICES	1 417	1 299	197	1 288	45	19 834	156.7	14 916	210.9	168 068	1 924.7	
FOREIGN SHARES	596	670	59	665	17	1 963	2.5	2 441	2.6	19 060	24.4	
FOREIGN INDICES	528	716	129	723	7	2 616	4.5	2 733	4.8	21 064	31.8	
COMMODITIES	136	68	13	46		206	0.2	216	0.1	2 273	4.4	
INTEREST RATE	41	37		37		15	0.0	9	0.0	131	0.0	
EXCHANGE RATE	182	281	56	285	6	163	0.2	207	0.4	5 390	18.4	
OTHERS	3	4		4		-	-	12	0.0	90	0.6	
<b>TOTAL</b>	<b>7 039</b>	<b>7 364</b>	<b>1 234</b>	<b>7 288</b>	<b>194</b>	<b>39 207</b>	<b>185.2</b>	<b>32 048</b>	<b>235</b>	<b>364 340</b>	<b>2 258</b>	
<b>ISSUERS</b>												
BANCA AKROS	9	9	-	9	-	-	-	-	-	-	-	
BANCA IMI	357	479	91.0	346	-	3 565	4.3	2 617	3.6	29 290	30.9	
BANCA MONTE PASCHI SIENA	32	28	-	28	-	15	0.0	9	0.0	131	0.0	
BNP PARIBAS ISSUANCE	26	8	-	35	27	29	0.0	44	0.0	673	0.7	
COMMERZBANK	7	4	-	4	-	-	-	11	0.0	80	0.4	
NATIXIS STRUCTURED ISSUANCE	-	1	-	1	-	-	-	1	0.0	13	0.2	
SOCIETE GENERALE	17	17	-	17	-	83	0.1	36	0.0	722	0.9	
SOCIETE GENERALE ISSUER	1 510	1 613	544.0	1 574	-	2 761	5.1	2 170	4.2	25 732	63.9	
UNICREDIT BANK	3 784	2 873	214.0	2 980	144	22 412	161.3	19 336	216.4	229 086	2 052.0	
VONTOBEL FINANCIAL PRODUCTS GMBH	1 297	2 332	385.0	2 294	23	10 342	14.4	7 824	10.3	78 613	108.7	
<b>TOTAL</b>	<b>7 039</b>	<b>7 364</b>	<b>1 234.0</b>	<b>7 288</b>	<b>194</b>	<b>39 207</b>	<b>185.2</b>	<b>32 048</b>	<b>234.6</b>	<b>364 340</b>	<b>2 257.7</b>	
<b>CALL/PUT</b>												
CALL	4 342	4 550	628	4 470	116	31 506	166.0	25 873	221.5	278 997	2 103.3	
PUT	2 649	2 533	294	2 568	78	7 357	18.5	5 827	11.8	78 988	127.1	
<b>EXPIRATION DATE</b>												
EXPIRY < 3 MONTHS	1 424	2 220	178	2 047	9	22 820	37.6	15 204	21.8	201 950	297.9	
3 MONTHS < EXPIRY < 6 MONTHS	1 629	1 386	344	1 449	85	3 899	7.0	4 296	8.1	47 161	80.9	
6 MONTHS < EXPIRY < 12 MONTHS	2 545	2 169	568	2 196	76	3 331	4.6	3 436	5.3	32 334	53.7	
12 MONTHS < EXPIRY < 24 MONTHS	832	1 035	139	1 042	24	1 746	3.5	1 122	2.4	9 728	21.8	
24 MONTHS < EXPIRY < 60 MONTHS	361	306	5	306	-	436	1.7	868	16.8	3 876	41.7	
EXPIRY MORE THAN 60 MONTHS	248	248	-	248	-	6 975	130.9	7 122	180.1	69 291	1 761.7	

## COVERED WARRANT

### FIRST TEN COVERED WARRANT IN TERMS OF TURNOVER TRADED IN NOVEMBER 2018 ON FTSE MIB INDEX

	ISIN	Issuer	Type	Strike	Underlying	Expiration Date	Turnover eur m	% TOT	% CUM	Trades
1	IT0005178949	UNICREDIT BANK	CALL	24 000.0	FTSE MIB	20/12/2030	87.93	41.68%	41.68%	3 723
2	IT0005165649	UNICREDIT BANK	CALL	18 000.0	FTSE MIB	15/12/2023	58.04	27.52%	69.20%	1 339
3	IT0005129751	UNICREDIT BANK	CALL	24 000.0	FTSE MIB	20/12/2024	33.93	16.08%	85.28%	2 028
4	IT0005206302	UNICREDIT BANK	CALL	15 000.0	FTSE MIB	16/12/2022	15.94	7.56%	92.84%	580
5	IT0004900608	UNICREDIT BANK	CALL	20 000.0	FTSE MIB	21/12/2018	1.69	0.80%	93.64%	813
6	IT0005288599	UNICREDIT BANK	PUT	19 000.0	FTSE MIB	21/12/2018	1.00	0.48%	94.12%	249
7	IT0004911068	UNICREDIT BANK	PUT	18 000.0	FTSE MIB	21/12/2018	0.85	0.40%	94.52%	409
8	IT0005349482	BANCA IMI	CALL	19 500.0	FTSE MIB	15/03/2019	0.68	0.32%	94.84%	135
9	DE000VN9BXB6	VONTOBEL FINANCIAL PRODUCTS GMBH	PUT	18 500.0	FTSE MIB	21/12/2018	0.62	0.29%	95.14%	230
10	IT0005288557	UNICREDIT BANK	PUT	19 000.0	FTSE MIB	16/11/2018	0.60	0.29%	95.42%	456

### FIRST TEN COVERED WARRANT IN TERMS OF TURNOVER TRADED IN NOVEMBER 2018 ON ITALIAN STOCKS

	ISIN	Issuer	Type	Strike	Underlying	Expiration Date	Turnover eur m	% TOT	% CUM	Trades
1	DE000VN9DWT6	VONTOBEL FINANCIAL PRODUCTS GMBH	CALL	20.0	STMICROELECTRONICS	19/06/2020	0.45	2.85%	2.85%	87
2	LU1650998187	SOCIETE GENERALE ISSUER	CALL	100.0	FERRARI	20/12/2018	0.38	2.41%	5.26%	120
3	IT0005186918	UNICREDIT BANK	CALL	8.0	FIAT CHRYSLER AUTOMOBILES	19/12/2019	0.36	2.31%	7.57%	8
4	FR0013121324	SOCIETE GENERALE ISSUER	CALL	6.9	FIAT CHRYSLER AUTOMOBILES	21/12/2018	0.34	2.17%	9.74%	9
5	IT0005294456	UNICREDIT BANK	CALL	11.0	GENERALI	20/12/2018	0.32	2.06%	11.80%	167
6	IT0005180853	UNICREDIT BANK	CALL	2.4	INTESA SANPAOLO	17/12/2020	0.32	2.01%	13.82%	54
7	DE000VN9AZ04	VONTOBEL FINANCIAL PRODUCTS GMBH	CALL	14.0	GENERALI	21/12/2018	0.30	1.93%	15.75%	186
8	LU1840876004	SOCIETE GENERALE ISSUER	ESOT	-	TELECOM ITALIA	18/01/2019	0.26	1.68%	17.43%	39
9	IT0005299836	UNICREDIT BANK	CALL	45.0	TOD'S	20/12/2018	0.22	1.38%	18.81%	56
10	DE000HV429E0	UNICREDIT BANK	PUT	13.0	STMICROELECTRONICS	20/12/2018	0.19	1.23%	20.04%	16

### FIRST TEN COVERED WARRANT IN TERMS OF TURNOVER TRADED IN NOVEMBER 2018 ON OTHER UNDERLYINGS

	ISIN	Issuer	Type	Strike	Underlying	Expiration Date	Turnover eur m	% TOT	% CUM	Trades
1	IT0005289654	UNICREDIT BANK	CALL	24 500.0	NIKKEI 225	14/12/2018	0.35	4.36%	4.36%	338
2	IT0005310294	UNICREDIT BANK	CALL	3 600.0	EURO STOXX 50	15/03/2019	0.34	4.30%	8.66%	66
3	IT0005289662	UNICREDIT BANK	CALL	25 500.0	NIKKEI 225	14/12/2018	0.32	3.98%	12.64%	159
4	DE000HV41PF7	UNICREDIT BANK	PUT	2 600.0	EURO STOXX 50	21/12/2018	0.31	3.91%	16.55%	106
5	DE000HV41D95	UNICREDIT BANK	CALL	3 500.0	EURO STOXX 50	21/12/2018	0.31	3.84%	20.38%	89
6	IT0005289456	UNICREDIT BANK	PUT	5 400.0	NASDAQ 100	21/12/2018	0.26	3.23%	23.61%	178
7	IT0005289829	UNICREDIT BANK	PUT	2 300.0	S&P 500	21/12/2018	0.24	3.04%	26.66%	102
8	DE000VN988D0	VONTOBEL FINANCIAL PRODUCTS GMBH	PUT	11 500.0	DAX	21/12/2018	0.22	2.71%	29.37%	110
9	DE000HV40NK4	UNICREDIT BANK	ESOT	-	EURO STOXX 50	21/12/2018	0.21	2.64%	32.01%	4
10	LU1521277407	SOCIETE GENERALE ISSUER	CALL	140.0	APPLE	21/12/2018	0.21	2.63%	34.64%	6

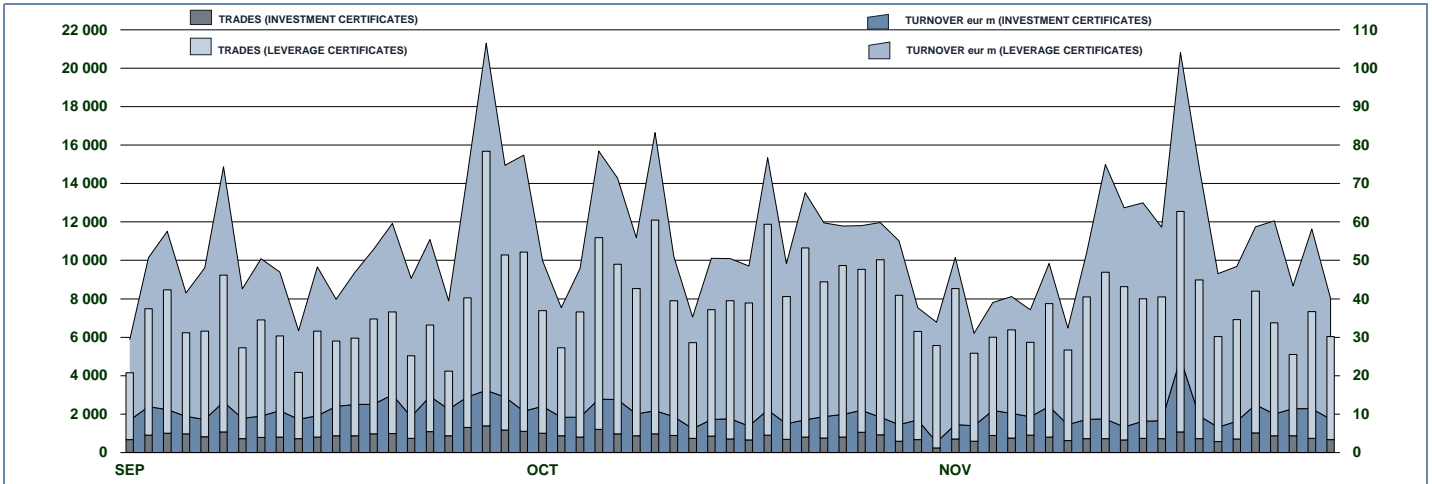
### FIRST TEN EXOTIC COVERED WARRANT IN TERMS OF TURNOVER TRADED IN NOVEMBER 2018

	ISIN	Issuer	Type	Strike	Underlying	Expiration Date	Turnover eur m	% TOT	% CUM	Trades
1	LU1840876004	SOCIETE GENERALE ISSUER	ESOT	-	TELECOM ITALIA	18/01/2019	0.26	19.67%	19.67%	39
2	DE000HV40NK4	UNICREDIT BANK	ESOT	-	EURO STOXX 50	21/12/2018	0.21	15.70%	35.37%	4
3	DE000HV42JW3	UNICREDIT BANK	ESOT	-	PRYSMIAN	14/03/2019	0.14	10.36%	45.74%	6
4	LU1719490507	SOCIETE GENERALE ISSUER	ESOT	-	EUR/USD	21/12/2018	0.11	8.50%	54.23%	12
5	DE000HV42E69	UNICREDIT BANK	ESOT	-	PRYSMIAN	20/06/2019	0.10	7.59%	61.82%	5
6	LU1719490176	SOCIETE GENERALE ISSUER	ESOT	-	FTSE MIB	21/12/2018	0.08	5.98%	67.80%	15
7	LU1840375304	SOCIETE GENERALE ISSUER	ESOT	-	ENEL	18/01/2019	0.06	4.63%	72.43%	3
8	DE000HV42E85	UNICREDIT BANK	ESOT	-	SAIPEM	14/03/2019	0.05	3.82%	76.25%	2
9	LU1719635911	SOCIETE GENERALE ISSUER	ESOT	-	ENEL	21/12/2018	0.05	3.74%	79.99%	10
10	LU1719489590	SOCIETE GENERALE ISSUER	ESOT	-	DAX	21/12/2018	0.04	2.82%	82.81%	14

## DISTRIBUTION OF TRADING BY SIZE OF TRADES

SIZE OF TRADE (eur)	OCTOBER 2018		NOVEMBER 2018		JAN-NOV 2018				
	Trades	eur m	Trades	eur m	Trades	% TOT	eur m	% TOT	
0	250	10 893	1.0	9 828	0.8	107 597	29.53%	10.4	0.46%
250	500	5 515	2.0	4 081	1.5	51 906	14.25%	18.8	0.83%
500	1 000	6 352	4.5	4 556	3.2	58 796	16.14%	41.7	1.85%
1 000	2 000	5 144	7.3	3 660	5.3	45 624	12.52%	64.2	2.84%
2 000	3 000	2 412	5.7	1 625	3.9	19 193	5.27%	46.3	2.05%
3 000	4 000	1 413	4.8	1 076	3.7	10 864	2.98%	37.1	1.64%
4 000	5 000	1 063	4.6	737	3.2	6 918	1.90%	30.6	1.36%
5 000	10 000	1 462	10.4	1 185	8.0	12 684	3.48%	88.7	3.93%
10 000	15 000	405	5.0	364	4.5	4 444	1.22%	54.1	2.39%
15 000	20 000	347	6.2	189	3.2	2 668	0.73%	46.6	2.07%
20 000	25 000	883	20.2	155	3.5	3 351	0.92%	76.3	3.38%
25 000	50 000	3 248	109.7	3 603	133.1	28 798	7.90%	1 028.6	45.56%
50 000	75 000	66	3.5	985	60.3	10 287	2.82%	604.0	26.75%
75 000	150 000	4	0.3	4	0.4	1 161	0.32%	100.6	4.46%
150 000						49	0.01%	9.7	0.43%

## CERTIFICATES

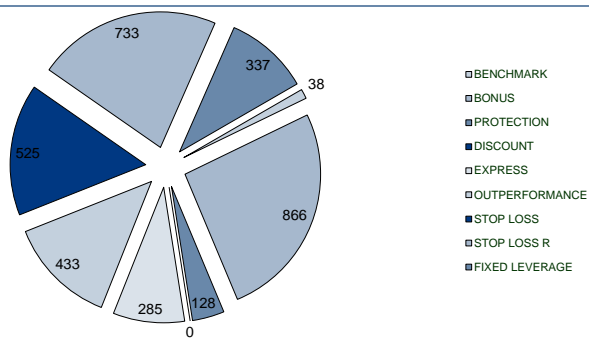


## MAIN INDICATORS

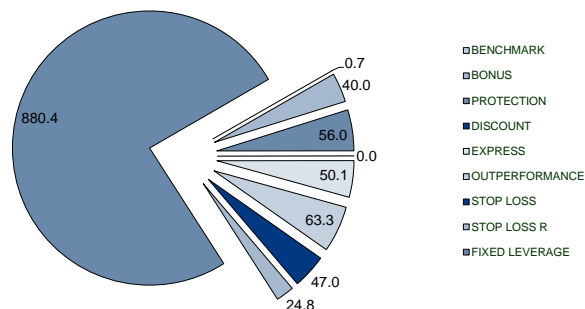
	LISTED SeDeX					TRADING						
	DEC 2017		OCTOBER 2018		NOVEMBER 2018		OCTOBER 2018		NOVEMBER 2018		JAN-NOV 2018	
	LISTED END OF MONTH	LISTED END OF MONTH	MONTH NEW LISTED	LISTED END OF MONTH	MONTH NEW LISTED	TRADES number	TURNOVER eur m	TRADES number	TURNOVER eur m	TRADES number	TURNOVER eur m	
<b>LEVERAGE CERTIFICATES CLASS A - UNDERLYING ASSETS</b>												
DOMESTIC SHARES	438	496	108	591	146	8 550	34.2	7 079	35.5	84 354	381.5	
DOMESTIC INDICES	125	124	17	157	38	9 669	25.3	5 647	15.1	89 189	268.1	
FOREIGN SHARES	26	91	26	121	38	1 830	7.1	1 129	3.7	14 840	57.4	
FOREIGN INDICES	186	213	23	283	77	6 012	18.9	4 650	15.9	47 051	169.2	
COMMODITIES	2	69	30	54	-	550	1.9	628	1.4	2 560	6.6	
INTEREST RATE	-	-	-	-	-	-	-	-	-	-	-	
EXCHANGE RATE	-	54	4	52	-	240	0.6	162	0.2	1 906	6.1	
OTHERS	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL</b>	<b>777</b>	<b>1 047</b>	<b>208</b>	<b>1 258</b>	<b>299</b>	<b>26 851</b>	<b>88.0</b>	<b>19 295</b>	<b>71.8</b>	<b>239 900</b>	<b>888.8</b>	
<b>LEVERAGE CERTIFICATES CLASS B - UNDERLYING ASSETS</b>												
DOMESTIC SHARES	72	64	2	64	-	1 586	24.0	642	4.6	14 957	238.9	
DOMESTIC INDICES	38	40	-	40	-	122 695	842.4	83 728	704.1	952 983	8 382.7	
FOREIGN SHARES	28	42	2	42	-	619	2.9	363	2.4	2 236	13.4	
FOREIGN INDICES	94	90	-	90	-	11 205	68.9	9 706	56.0	99 037	667.8	
COMMODITIES	82	83	-	83	-	18 604	77.7	29 940	108.5	238 168	959.1	
INTEREST RATE	18	14	-	14	-	740	4.6	369	1.8	4 043	28.8	
EXCHANGE RATE	4	4	-	4	-	311	1.5	453	3.0	7 629	26.5	
OTHERS	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL</b>	<b>336</b>	<b>337</b>	<b>4</b>	<b>337</b>	<b>-</b>	<b>155 760</b>	<b>1 021.9</b>	<b>125 201</b>	<b>880.4</b>	<b>1 319 053</b>	<b>10 317.2</b>	
<b>INVESTMENT CERTIFICATES - UNDERLYING ASSETS</b>												
DOMESTIC SHARES	541	756	92	839	96	7 360	65.3	5 314	62.1	103 357	1 094.7	
DOMESTIC INDICES	58	53	3	55	3	1 364	15.1	1 047	12.1	13 804	182.7	
FOREIGN SHARES	212	344	31	392	59	2 860	37.1	2 502	34.4	33 995	447.1	
FOREIGN INDICES	188	207	9	211	8	4 729	68.7	3 535	49.2	47 376	667.6	
COMMODITIES	25	17	-	17	-	15	0.3	21	0.8	666	9.4	
INTEREST RATE	4	4	-	4	-	28	0.8	27	0.6	282	5.2	
EXCHANGE RATE	16	17	-	17	-	609	2.2	275	1.6	3 674	24.7	
OTHERS	224	211	23	215	11	3 016	37.1	3 613	49.3	49 199	669.2	
<b>TOTAL</b>	<b>1 268</b>	<b>1 609</b>	<b>158</b>	<b>1 750</b>	<b>177</b>	<b>19 981</b>	<b>226.5</b>	<b>16 334</b>	<b>210.1</b>	<b>252 353</b>	<b>3 100.6</b>	
<b>LEVERAGE CERTIFICATES CLASS A - ISSUERS</b>												
BNP PARIBAS ISSUANCE	454	860	208	1 076	299	26 189	85.9	19 041	71.2	233 896	825.2	
UNICREDIT BANK	323	187	-	182	-	662	2.1	254	0.6	6 004	63.7	
<b>TOTAL</b>	<b>777</b>	<b>1 047</b>	<b>208</b>	<b>1 258</b>	<b>299</b>	<b>26 851</b>	<b>88.0</b>	<b>19 295</b>	<b>71.8</b>	<b>239 900</b>	<b>888.8</b>	
<b>LEVERAGE CERTIFICATES CLASS B - ISSUERS</b>												
BNP PARIBAS ISSUANCE	18	18	-	18	-	8 749	65.4	6 018	45.0	59 626	509.4	
COMMERZBANK	8	8	-	8	-	205	0.8	89	0.2	2 442	12.9	
DEUTSCHE BANK AG	8	4	-	4	-	3	0.0	2	0.0	83	0.4	
SOCIETE GENERALE EFFETEN	9	-	-	-	-	-	-	-	-	466 856	3 677.9	
SOCIETE GENERALE ISSUER	67	60	-	60	-	115 153	712.8	91 619	567.7	538 855	3 135.5	
UNICREDIT BANK	71	66	4	66	-	7 000	76.3	5 504	118.5	85 533	1 846.2	
VONTOBEL FINANCIAL PRODUCTS GMBH	155	181	-	181	-	24 650	166.4	21 969	149.1	162 658	1 134.9	
<b>TOTAL</b>	<b>336</b>	<b>337</b>	<b>4</b>	<b>337</b>	<b>-</b>	<b>155 760</b>	<b>1 021.9</b>	<b>125 201</b>	<b>880.4</b>	<b>1 319 053</b>	<b>10 317.2</b>	
<b>INVESTMENT CERTIFICATES - ISSUERS</b>												
BANCA AKROS	1	136	-	132	-	7 376	99.5	5 447	66.5	12 827	166.0	
BANCA ALETTI	151	-	-	-	-	-	-	-	-	63 662	898.0	
BANCA IMI	131	151	3	149	14	1 728	30.1	1 771	27.1	21 930	317.6	
BNP PARIBAS ISSUANCE	205	271	49	269	4	1 552	12.1	1 612	14.0	32 624	305.4	
CITIGROUP GLOBAL MARKETS FUNDING LU	1	1	-	1	-	-	-	-	-	-	-	
COMMERZBANK	68	94	7	99	6	1 253	10.5	1 497	14.8	24 574	253.1	
CREDIT AGRICOLE CIB FIN (GUERNSEY)	6	6	-	6	-	5	0.0	8	0.1	109	1.1	
CREDIT AGRICOLE CIB FINANCIAL PROD	5	3	-	3	-	16	0.2	8	0.2	187	2.1	
CREDIT AGRICOLE CIB FINANCIAL SOLUT	10	9	-	9	-	42	0.7	25	0.4	548	8.2	
CREDIT AGRICOLE CORP AND INV BANK	2	2	-	2	-	74	1.4	19	0.4	404	6.9	
CREDIT SUISSE	11	28	-	37	9	288	3.2	284	4.1	3 230	61.8	
DEUTSCHE BANK AG	87	76	-	75	-	249	6.3	126	3.3	2 323	36.5	
EXXANE FINANCE	13	21	-	21	-	278	3.4	122	1.0	1 889	21.4	
GOLDMAN SACHS INTERNATIONAL	8	67	15	73	6	501	6.2	631	22.6	4 893	85.6	
INGBANK	5	4	-	4	-	16	0.1	14	0.1	557	7.7	
JP MORGAN STRUCTURED PRODUCTS B.V	5	4	-	4	-	2	0.0	9	0.2	102	2.2	
MORGAN STANLEY BV	2	5	-	4	-	34	0.6	22	0.2	735	19.5	
NATIXIS STRUCTURED ISSUANCE	33	33	2	34	2	633	10.5	589	12.5	6 035	94.1	
NATIXIS STRUCTURED PRODUCTS LIMITED	3	-	-	-	-	-	-	-	-	5	0.1	
NATWEST MARKETS PLC	-	2	-	2	-	-	-	-	-	4	0.0	
SOCIETE GENERALE EFFETEN	7	4	-	3	-	-	-	-	-	39	0.3	
SOCIETE GENERALE ISSUER	66	93	1	91	-	1 084	7.9	685	5.7	10 985	110.5	
THE ROYAL BANK OF SCOTLAND PLC	3	-	-	-	-	-	-	-	-	16	0.3	
UBS AG	9	11	-	11	1	116	2.5	438	10.4	2 309	47.8	
UNICREDIT BANK	433	573	78	706	135	4 528	30.3	2 924	25.9	58 215	631.6	
VONTOBEL FINANCIAL PRODUCTS GMBH	3	15	2	15	-	205	0.9	103	0.5	4 172	22.8	
<b>TOTAL</b>	<b>1 268</b>	<b>1 609</b>	<b>158</b>	<b>1 750</b>	<b>177</b>	<b>19 981</b>	<b>226.5</b>	<b>16 334</b>	<b>210.1</b>	<b>252 353</b>	<b>3 100.6</b>	

## CERTIFICATES

### NUMBER OF LISTED CERTIFICATES



### TURNOVER BY TYPOLOGIES - eur m



## MAIN INDICATORS

### LISTED SeDeX

	DEC 2017		OCTOBER 2018		NOVEMBER 2018	
	LISTED	END of MONTH	LISTED	MONTH NEW LISTED	LISTED	MONTH NEW LISTED

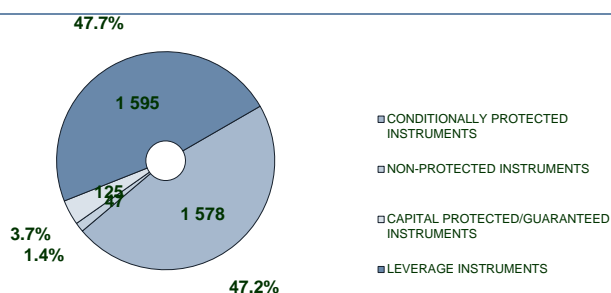
### TRADING

	OCTOBER 2018		NOVEMBER 2018		JAN-NOV 2018	
	TRADES number	TURNOVER eur m	TRADES number	TURNOVER eur m	TRADES number	TURNOVER eur m

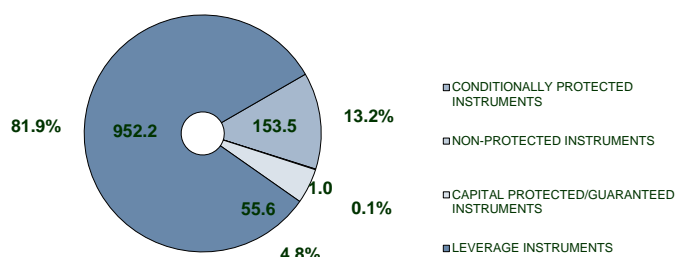
#### CERTIFICATES - TYPOLOGY

BENCHMARK	31	38	2	38	-	259	1.5	120	0.7	4 427	24.7
BONUS	529	745	45	866	144	5 506	52.8	3 455	40.0	67 500	816.7
PROTECTION	132	125	3	128	6	5 142	69.8	4 361	56.0	50 927	692.7
DISCOUNT	-	-	-	-	-	-	-	-	-	-	-
EXPRESS	261	284	11	285	7	4 427	47.4	3 916	50.1	60 862	744.4
OUTPERFORMANCE	315	417	97	433	20	4 647	55.1	4 482	63.3	68 637	822.1
STOP LOSS	186	269	43	525	299	18 564	49.0	13 070	47.0	181 474	590.8
STOP LOSS R	591	778	165	733	-	8 287	39.0	6 225	24.8	58 426	298.0
FIXED LEVERAGE	336	337	4	337	-	155 760	1 021.9	125 201	880.4	1 319 053	10 317.2
CERTIFICATES IN DISTRIBUTION	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>2 381</b>	<b>2 993</b>	<b>370</b>	<b>3 345</b>	<b>476</b>	<b>202 592</b>	<b>1 336.4</b>	<b>160 830</b>	<b>1 162.3</b>	<b>1 811 306</b>	<b>14 306.6</b>

### NUMBER OF LISTED CERTIFICATES BY ACEPI CLASS



### TURNOVER BY ACEPI CLASS



## DISTRIBUTION OF TRADING BY SIZE OF TRADES

#### SIZE OF TRADE (eur)

SIZE OF TRADE (eur)	OCTOBER 2018		NOVEMBER 2018		JAN-NOV 2018				
	Trades	eur m	Trades	eur m	Trades	% TOT	eur m	% TOT	
-	250	13 375	1.7	12 192	1.6	108 632	6.00%	13.8	0.10%
250	500	14 014	5.3	11 259	4.2	114 319	6.31%	43.2	0.30%
500	1 000	23 233	17.2	18 783	13.8	203 368	11.23%	151.8	1.06%
1 000	2 000	34 012	49.5	25 444	36.8	302 973	16.73%	439.1	3.07%
2 000	3 000	20 695	50.9	15 465	38.2	183 557	10.13%	450.9	3.15%
3 000	4 000	13 675	47.0	9 672	33.3	126 861	7.00%	438.7	3.07%
4 000	5 000	11 341	51.3	9 282	42.2	110 992	6.13%	502.1	3.51%
5 000	10 000	35 636	259.0	27 263	197.5	280 431	15.48%	2 010.1	14.05%
10 000	15 000	20 384	256.5	16 122	202.9	152 875	8.44%	1 891.7	13.22%
15 000	20 000	5 622	94.8	4 260	72.4	86 946	4.80%	1 461.0	10.21%
20 000	25 000	2 541	56.2	2 206	49.0	30 261	1.67%	667.9	4.67%
25 000	50 000	5 093	178.8	5 627	198.2	65 631	3.62%	2 309.0	16.14%
50 000	75 000	1 373	82.5	1 727	104.4	21 731	1.20%	1 307.1	9.14%
75 000	150 000	1 392	141.8	1 385	137.3	20 294	1.12%	2 070.2	14.47%
150 000		206	43.9	143	30.6	2 435	0.13%	549.8	3.84%

## CERTIFICATES

### FIRST TEN LEVERAGE CERTIFICATES CLASS A IN TERMS OF TURNOVER TRADED IN NOVEMBER 2018

ISIN	Issuer	Type	Strike	Underlying	Barrier	Expiration Date	Turnover eur m	% TOT	% CUM	Trades
1 NL0012869762	BNP PARIBAS ISSUANCE	BEAR	3.5	INTESA SANPAOLO	3.5	21/12/2018	13.0	18.14%	18.14%	355
2 NL0013034333	BNP PARIBAS ISSUANCE	BEAR	7.1	SAIPEM	6.7	19/12/2025	3.9	5.49%	23.63%	297
3 NL0012165377	BNP PARIBAS ISSUANCE	BEAR	16.115.1	DAX	15.631.6	16/12/2020	2.0	2.73%	26.36%	99
4 NL0013036775	BNP PARIBAS ISSUANCE	BULL	18.250.0	FTSE MIB	18.250.0	21/12/2018	1.7	2.33%	28.69%	614
5 NL0012319263	BNP PARIBAS ISSUANCE	BEAR	3.4	INTESA SANPAOLO	3.2	18/12/2020	1.7	2.30%	30.98%	55
6 NL0012671127	BNP PARIBAS ISSUANCE	BULL	2.600.0	S&P 500	2.600.0	19/12/2018	1.6	2.30%	33.28%	200
7 NL0013036874	BNP PARIBAS ISSUANCE	BEAR	20.250.0	FTSE MIB	20.250.0	21/12/2018	1.5	2.03%	35.31%	619
8 NL0012319065	BNP PARIBAS ISSUANCE	BULL	11.4	FIAT CHRYSLER AUTOMOBILES	12.0	18/12/2020	1.3	1.88%	37.19%	300
9 NL0013038235	BNP PARIBAS ISSUANCE	BEAR	19.750.0	FTSE MIB	19.750.0	15/03/2019	1.1	1.59%	38.78%	454
10 NL0013035025	BNP PARIBAS ISSUANCE	BEAR	20.500.0	FTSE MIB	20.500.0	21/12/2018	1.0	1.43%	40.22%	561

### FIRST TEN LEVERAGE CERTIFICATES CLASS B IN TERMS OF TURNOVER TRADED IN NOVEMBER 2018

ISIN	Issuer	Type	Strike	Underlying	Barrier	Expiration Date	Turnover eur m	% TOT	% CUM	Trades
1 DE000G2Q0N04	SOCIETE GENERALE ISSUER	BEAR	-	FTSE MIB GROSS TR	-	31/12/2099	213.2	24.22%	24.22%	26.943
2 DE000G2Q0N76	SOCIETE GENERALE ISSUER	BULL	-	FTSE MIB NET-OF-TAX (LUX) TR	-	31/12/2099	147.6	16.76%	40.98%	22.478
3 DE000HV40B56	UNICREDIT BANK	BULL	-	ITALIA LEVA / LONG	-	19/10/2020	103.6	11.76%	52.74%	3.723
4 LU1409153331	SOCIETE GENERALE ISSUER	BEAR	-	FTSE MIB GROSS TR	-	18/06/2021	49.0	5.45%	58.19%	5.755
5 DE000VNSAAR2	VONTOBEL FINANCIAL PRODUCTS GMBH	BEAR	-	VT 7XS MIB	-	18/12/2020	40.4	4.59%	62.78%	4.417
6 DE000VNSAAM3	VONTOBEL FINANCIAL PRODUCTS GMBH	BULL	-	VT 7XL MIB	-	18/12/2020	40.2	4.56%	67.34%	4.405
7 LU1490163091	SOCIETE GENERALE ISSUER	BULL	-	FTSE MIB NET-OF-TAX (LUX) TR	-	18/06/2021	36.0	4.08%	71.42%	5.224
8 LU1775931840	SOCIETE GENERALE ISSUER	BULL	-	NATURAL GAS FUTURES X7 LEVERAGED INDEX	-	18/06/2021	18.4	2.10%	73.52%	2.444
9 NL0012668408	BNP PARIBAS ISSUANCE	BEAR	-	FUTURE SU FTSE MIB	-	17/12/2021	15.4	1.74%	75.26%	1.725
10 NL0012666390	BNP PARIBAS ISSUANCE	BULL	-	FUTURE SU FTSE MIB	-	17/12/2021	15.1	1.72%	76.98%	1.755

### FIRST TEN PROTECTION CERTIFICATES IN TERMS OF TURNOVER TRADED IN NOVEMBER 2018

ISIN	Issuer	Marketing Name	Protection Level	Underlying	Participation	Cap	Expiration Date	Turnover eur m	% TOT	% CUM	Trades
1 IT0005186413	BANCA AKROS	TARGET CEDOLA	-	NIKKEI 225	NO	NO	13/05/2022	4.0	7.19%	7.19%	285
2 IT0005158851	BANCA AKROS	TARGET CEDOLA	-	EURO STOXX 50	NO	NO	18/02/2022	4.0	7.09%	14.27%	248
3 IT0005157554	BANCA AKROS	TARGET CEDOLA	-	EURO STOXX 50	NO	NO	14/04/2022	3.7	6.65%	20.92%	292
4 IT0005021172	BANCA AKROS	TARGET CEDOLA	-	ROYAL DUTCH SHELL-A SHS	NO	NO	17/05/2019	3.0	5.33%	26.25%	258
5 IT0005027286	BANCA AKROS	TARGET CEDOLA	-	ROYAL DUTCH SHELL-A SHS	NO	NO	21/06/2019	2.0	3.61%	29.87%	209
6 IT0005344921	BANCA IMI	EQUITY PROTECTION	-	EURO STOXX 50	100.00%	1.450.0	23/10/2023	1.9	3.34%	33.21%	132
7 IT0005375556	BANCA AKROS	TARGET CEDOLA	-	EURO STOXX 50	NO	NO	15/10/2021	1.8	3.13%	36.34%	133
8 IT0005056020	BANCA AKROS	TARGET CEDOLA	-	TELEFONICA	NO	NO	18/10/2019	1.7	3.12%	39.46%	200
9 IT0005341026	BANCA IMI	EQUITY PROTECTION	-	EURO STOXX 50	NO	1.3	12/09/2023	1.6	2.90%	42.35%	81
10 IT0005089948	BANCA AKROS	TARGET CEDOLA	-	DEUTSCHE BANK	NO	NO	20/03/2020	1.5	2.73%	45.08%	117

### FIRST TEN BONUS CERTIFICATES IN TERMS OF TURNOVER TRADED IN NOVEMBER 2018

ISIN	Issuer	Marketing Name	Underlying	Barrier	Bonus	Cap	Expiration Date	Turnover eur m	% TOT	% CUM	Trades
1 DE000HV40J18	UNICREDIT BANK	BONUS CAP	ENEL	3.7	114.50%	5.6	21/12/2018	2.1	5.35%	5.35%	96
2 DE000HV40J186	UNICREDIT BANK	BONUS CAP	BPER BANCA	3.0	125.00%	5.3	21/12/2018	1.6	4.06%	9.41%	188
3 DE000HV40A54	UNICREDIT BANK	BONUS CAP WORST OF	ENIFCA/MEDIOBANCA	1.2	124.00%	1.2	14/12/2018	1.6	4.04%	13.44%	65
4 IT0005257412	BANCA IMI	BONUS CAP	MEDIOBANCA	6.4	112.30%	1.1	30/11/2018	1.6	3.88%	17.32%	42
5 DE000HV40D70	UNICREDIT BANK	BONUS CAP	FTSE MIB	17.260.6	106.80%	24.578.1	21/12/2018	1.3	3.32%	20.64%	157
6 DE000HV40J111	UNICREDIT BANK	BONUS CAP	MEDIOBANCA	6.2	123.50%	10.2	21/12/2018	1.2	3.02%	23.66%	62
7 DE000DS7BDF0	DEUTSCHE BANK AG	BONUS CAP	TELECOM ITALIA	0.4	119.30%	1.2	18/09/2020	1.1	2.84%	26.50%	15
8 DE000HV40ZV1	UNICREDIT BANK	BONUS CAP	UNICREDIT	9.5	114.00%	18.0	21/12/2018	1.0	2.55%	29.05%	125
9 XS1562548781	SOCIETE GENERALE ISSUER	BONUS CAP	FTSEMIB/SMI/S&P500	133.33%	1.3	02/01/2020	0.9	2.19%	31.24%	39	
10 DE000HV40A0U	UNICREDIT BANK	BONUS CAP WORST OF	ENIFCA/STMICROELECTRONICS	131.50%	1.3	14/12/2018	0.9	2.16%	33.41%	60	

### FIRST TEN BENCHMARK CERTIFICATES IN TERMS OF TURNOVER TRADED IN NOVEMBER 2018

ISIN	Issuer	Marketing Name	Underlying	Expiration Date	Turnover eur m	% TOT	% CUM	Trades
1 DE000VNSC482	VONTOBEL FINANCIAL PRODUCTS GMBH	TRACKER	SOLACTIVE BLOCKCHAIN TECHNOLOGY PERFORMANCE-INDEX	31/12/2099	0.1	17.83%	17.83%	29
2 DE000VNSC096	VONTOBEL FINANCIAL PRODUCTS GMBH	TRACKER	SOLACTIVE ARTIFICIAL INTELLIGENCE PERFORMANCE	24/01/2023	0.1	13.93%	31.76%	16
3 XS177818279	SOCIETE GENERALE ISSUER	BENCHMARK	S&P 500 TRN USD	31/12/2099	0.1	13.13%	44.89%	8
4 DE000VNSCH03	VONTOBEL FINANCIAL PRODUCTS GMBH	TRACKER	VONTOBEL LUXURY PERFORMANCE	24/01/2023	0.1	10.14%	55.04%	2
5 DE000CMJ7J16	DEUTSCHE BANK AG	INDEX CERTIFICATE	SOLACTIVE CHINA INTERNET TR	17/10/2019	0.1	8.89%	63.93%	4
6 DE000VNSDE56	VONTOBEL FINANCIAL PRODUCTS GMBH	TRACKER	SOLACTIVE BATTERY ENERGY STORAGE PERFORMANCE INDEX	06/12/2022	0.0	7.01%	70.93%	13
7 DE000VNSC394	VONTOBEL FINANCIAL PRODUCTS GMBH	TRACKER	INDUSTRY 4.0 PERFORMANCE-INDEX	16/03/2023	0.0	6.68%	77.59%	2
8 DE000VNSD105	VONTOBEL FINANCIAL PRODUCTS GMBH	TRACKER	VONTOBEL GENE THERAPY PERFORMANCE-INDEX	31/12/2099	0.0	5.58%	83.17%	19
9 DE000VNSBG04	VONTOBEL FINANCIAL PRODUCTS GMBH	TRACKER	SOLACTIVE DIGITAL MARKETPLACES PERFORMANCE	24/10/2023	0.0	4.38%	87.54%	9
10 XS1778181596	SOCIETE GENERALE ISSUER	BENCHMARK	EURO STOXX 50 TRN	31/12/2099	0.0	3.07%	90.61%	3

### FIRST TEN OTHER CERTIFICATES IN TERMS OF TURNOVER TRADED IN NOVEMBER 2018

ISIN	Issuer	Marketing Name	Underlying	Strike	Barrier	Expiration Date	Turnover eur m	% TOT	% CUM	Trades
1 GB00BFGW549	GOLDMAN SACHS INTERNATIONAL	FIXED CASH COLLECT	BPER BANCA	-	4.8	07/02/2019	6.3	5.55%	5.55%	95
2 DE000XU665K7	UBS AG	EXPRESS MULTI CERTIFICATE	ENEL/ENI/UNICREDIT/INTESA/SANPAOLO	-	-	23/10/2023	4.7	4.13%	9.68%	27
3 DE000XU7X7NE	UBS AG	EXPRESS MULTI CERTIFICATE	ENEL/ENI/UNICREDIT/INTESA/SANPAOLO	-	-	30/10/2023	4.1	3.61%	13.29%	94
4 DE000CV8C074	COMMERZBANK	QUANTO AUTOCALL HIGH WATERMARK	ANGLO AMER/MACY/UNDER ARMELL LILAXA/CREDIT AGRIC	-	-	20/04/2023	3.8	3.36%	16.65%	231
5 IT0006743246	NATIXIS STRUCTURED ISSUANCE	AUTOCALL PHOENIX	INTESA SANPAOLO/MONCLER	-	-	07/10/2022	3.3	2.92%	19.57%	83
6 GB00BQDF2184	GOLDMAN SACHS INTERNATIONAL	FIXED CASH COLLECT	FOOT LOCKER	46.9	-	13/09/2019	2.6	2.33%	21.90%	37
7 GB00BFTK0794	GOLDMAN SACHS INTERNATIONAL	FIXED CASH COLLECT	INTESA SANPAOLO	3.0	-	12/03/2019	2.4	2.10%	24.00%	40
8 GB00BPK0W177	GOLDMAN SACHS INTERNATIONAL	FIXED CASH COLLECT	SOCIETE GENERALE	45.6	-	07/02/2019	2.2	1.93%	25.93%	29
9 IT0005108102	BANCA AKROS	COUPON PREMILM	EURO STOXX 50	2.141.5	-	15/05/2020	2.1	1.86%	27.79%	128
10 DE000CZ44X04	COMMERZBANK	PHOENIX AUTOCALL	BARRICK GOAGNICO EAGLE MI/AN/LOGOLD AS/NEWMONT MI	-	-	10/02/2020	2.1	1.81%	29.60%	45

#### Markets Analysis

Piazza degli Affari, 6 - 20123 Milano  
 T +39 02 724261 | Fax +39 02 8646.4323  
 e-mail: markets\_analysis@borsaitaliana.it  
 www.borsaitaliana.it



**London**  
 Stock Exchange Group

This document contains text, data, graphics, photographs, illustrations, artwork, names, logos, trade marks, service marks and information ("Information") connected with Borsa Italiana S.p.A. ("Borsa Italiana").

All reasonable efforts have been made to ensure that the Information in this document was correct at the time of publication. However, Borsa Italiana Spa accepts no liability for decisions taken, or systems-related or other work carried out by any party based on this document. The publication of this document does not represent solicitation, by Borsa Italiana, of public saving and is not to be considered as a recommendation by Borsa Italiana as to the suitability of the investment, if any, herein described.

© November 2018 Borsa Italiana S.p.A. All rights