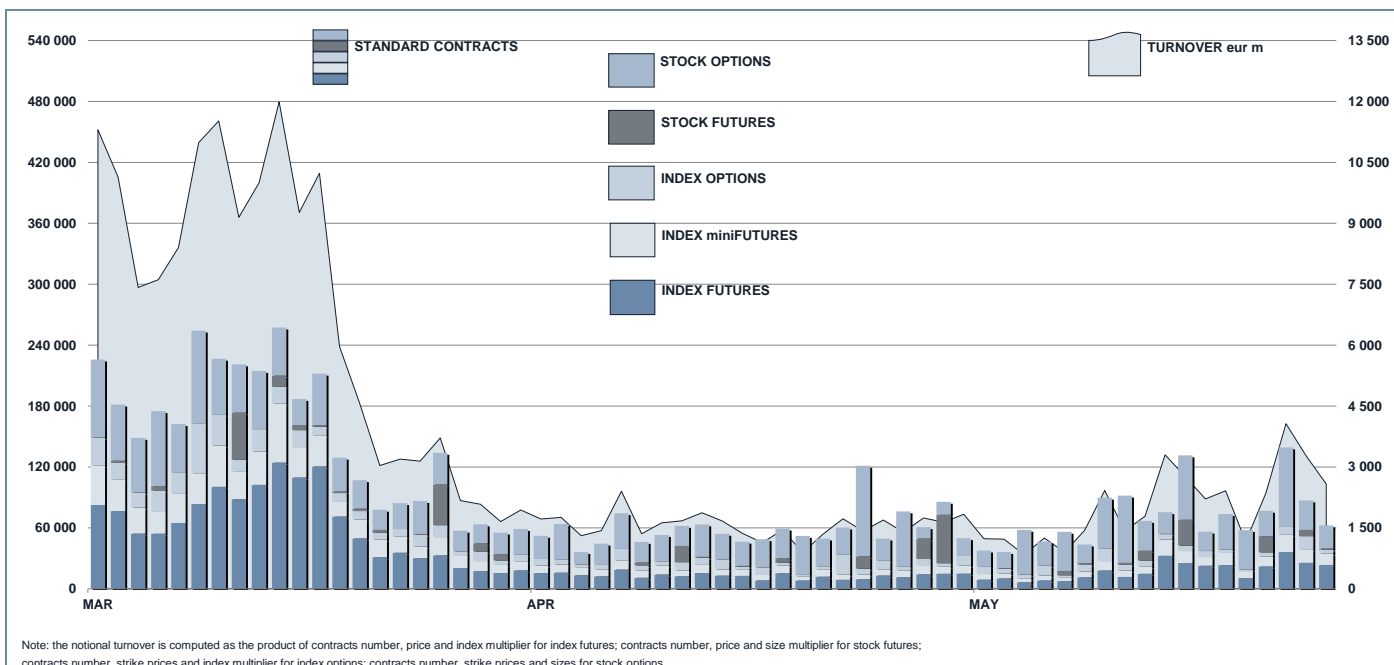




IDEM Statistics

May 2020

EQUITY DERIVATIVES TRADING



MONTHLY TURNOVER

	MARCH 2020		APRIL 2020		MAY 2020		TOTAL 2019		JAN - MAY 2020		OPEN INTEREST
	STANDARD CONTRACTS	TURNOVER eur ML	STANDARD CONTRACTS	TURNOVER eur ML	STANDARD CONTRACTS	TURNOVER eur ML	STANDARD CONTRACTS	TURNOVER eur ML	STANDARD CONTRACTS	TURNOVER eur ML	
FTSE MIB INDEX FUTURES	1 368 714	120 547.3	252 192	21 512.8	343 039	29 821.4	6 768 585	721 547.7	3 224 371	321 289.0	79 179
FTSE ITALIA PIR PMI TR INDEX FUTURE:	3 984	76.1	200	4.2	400	9.1	22 079	594.9	5 623	118.7	1 425
FTSE MIB DIVIDEND INDEX FUTURES	10 877	44.3	3 050	6.1	5 122	12.4	28 381	125.9	27 314	103.8	9 520
TOTAL INDEX FUTURES	1 383 575	120 667.8	255 442	21 523.1	348 561	29 842.9	6 819 045	722 268.5	3 257 308	321 511.5	90 664
FTSE MIB INDEX miniFUTURES	530 759	9 496.3	135 326	2 308.8	171 510	2 980.5	2 365 666	49 960.7	1 404 182	28 186.2	20 882
TOTAL INDEX miniFUTURES	530 759	9 496.3	135 326	2 308.8	171 510	2 980.5	2 365 666	49 960.7	1 404 182	28 186.2	20 882
FTSE MIB INDEX OPTIONS	317 432	14 849.0	120 379	5 109.9	113 655	4 877.2	2 722 027	141 727.1	1 132 028	58 666.6	378 753
FTSE MIB INDEX WEEKLY OPTIONS	16 753	826.3	6 265	266.4	10 096	434.0	256 975	13 734.2	95 974	5 274.6	2 420
TOTAL FTSE MIB INDEX OPTIONS	334 185	15 675.4	126 644	5 376.3	123 751	5 311.2	2 979 002	155 461.3	1 228 002	63 941.2	381 173
ITALIAN STOCK FUTURES	132 063	301.5	57 272	155.8	114 018	220.8	1 473 331	3 876.7	423 296	1 089.2	84 173
EUROPEAN STOCK FUTURES	206 391	425.1	16 149	42.6	48 743	127.9	2 365 064	8 319.4	338 224	834.7	24 492
STOCK DIVIDEND FUTURES	12 825	3.0	1 205	0.3	5 624	0.3	39 105	12.8	23 929	4.9	41 079
TOTAL STOCK FUTURES	351 279	729.6	74 626	198.7	168 385	349.0	3 877 500	12 208.9	785 449	1 928.9	149 744
STOCK OPTIONS	937 487	2 927.3	598 177	1 571.4	664 405	1 640.8	14 626 347	46 818.2	5 207 066	17 431.7	5 105 228
WEEKLY STOCK OPTIONS	1 478	2.8	1 102	2.4	423	1.2	33 924	118.9	4 635	14.0	37
TOTAL STOCK OPTIONS	938 965	2 930.1	599 279	1 573.8	664 828	1 642.0	14 660 271	46 937.1	5 211 701	17 445.8	5 105 265
TOTAL EQUITY DERIVATIVES	3 538 763	149 499.1	1 191 317	30 980.7	1 477 035	40 125.7	30 701 484	986 836.5	11 886 642	433 013.6	5 747 728

IDEM - EQUITY DERIVATIVES TURNOVER - Stock Futures

	DAYS	STANDARD CONTRACTS		TURNOVER		% TOT SHARES (**)	OPEN INTEREST (***)
		TOTAL	DAILY AVG	TOTAL	DAILY AVG		
		TURNOVER eur m (*)					
ITALIAN STOCK FUTURES							
A2A	20	1 040	52	6.2	0.3	2.0%	540
ACEA	20	-	-	-	-	0.0%	-
ANIMA HOLDING	20	2 000	100	3.3	0.2	2.0%	1 000
ATLANTIA	20	-	-	-	-	0.0%	-
AUTOGRILL	20	-	-	-	-	0.0%	-
AZIMUT HOLDING	20	351	18	2.5	0.1	0.5%	351
BANCA GENERALI	20	-	-	-	-	0.0%	-
BANCA MEDIOLANUM	20	-	-	-	-	0.0%	-
BANCA MONTE PASCHI SIENA	20	-	-	-	-	0.0%	-
BANCO BPM	20	10	1	0.0	0.0	0.0%	3 510
BPER BANCA	20	-	-	-	-	0.0%	-
BREMBO	20	-	-	-	-	0.0%	-
BUZZI UNICEM	20	2 000	100	3.4	0.2	1.4%	2 000
CAMPARI	20	2	0	0.0	0.0	0.0%	-
CATTOLICA ASSICURAZIONI	20	-	-	-	-	0.0%	-
CIR	20	-	-	-	-	0.0%	-
CNH INDUSTRIAL	20	-	-	-	-	0.0%	-
ENEL	20	7 925	396	26.1	1.3	0.7%	5 100
ENI	20	10 656	533	44.8	2.2	1.5%	4 901
ERG	20	-	-	-	-	0.0%	-
EXOR	20	30	2	0.1	0.0	0.0%	25
FERRARI	20	28	1	0.4	0.0	0.0%	33
FIAT CHRYSLER AUTOMOBILES	20	363	18	1.4	0.1	0.1%	57
FINECOBANK	20	-	-	-	-	0.0%	-
GENERALI	20	17 090	855	21.2	1.1	1.4%	13 566
GEOX	20	-	-	-	-	0.0%	-
HERA	20	-	-	-	-	0.0%	-
INTESA SANPAOLO	20	64 534	3 227	90.6	4.5	2.3%	41 036
IREN	20	-	-	-	-	0.0%	-
ITALGAS	20	250	13	1.2	0.1	0.5%	250
LEONARDO	20	17	1	0.0	0.0	0.0%	18
MEDIASET	20	411	21	0.6	0.0	1.1%	411
MEDIOBANCA	20	4	0	0.0	0.0	0.0%	800
MONCLER	20	-	-	-	-	0.0%	-
NEXI	20	-	-	-	-	0.0%	-
PIRELLI & C	20	-	-	-	-	0.0%	-
POSTE ITALIANE	20	-	-	-	-	0.0%	1
PRYSMIAN	20	150	8	0.3	0.0	0.1%	120
SAIPEM	20	7	0	0.0	0.0	0.0%	12
SARAS	20	-	-	-	-	0.0%	-
SNAM	20	1 015	51	4.2	0.2	0.6%	1 365
STMICROELECTRONICS	20	127	6	1.4	0.1	0.1%	57
TECHNOGYM	20	-	-	-	-	0.0%	-
TELECOM ITALIA	20	-	-	-	-	0.0%	2
TELECOM ITALIA RSP	20	-	-	-	-	0.0%	-
TENARIS	20	2	0	0.0	0.0	0.0%	2
TERNA	20	-	-	-	-	0.0%	-
TOD'S	20	-	-	-	-	0.0%	-
UBI BANCA	20	-	-	-	-	0.0%	-
UNICREDIT	20	1	0	0.0	0.0	0.0%	6 011
UNIPOL	20	-	-	-	-	0.0%	-
UNIPOLSAI	20	6 005	300	13.0	0.7	7.6%	3 005
EUROPEAN STOCK FUTURES							
BANCO SANTANDER	20	-	-	-	-	-	-
BBVA	20	-	-	-	-	-	-
BNP PARIBAS	20	48 743	2 437	127.9	6.4	-	24 492
DEUTSCHE BANK	20	-	-	-	-	-	-
IBERDROLA	20	-	-	-	-	-	-
REPSOL	20	-	-	-	-	-	-
SOCIETE GENERALE	20	-	-	-	-	-	-
TELEFONICA	20	-	-	-	-	-	-
STOCK DIVIDEND FUTURES							
ASSICURAZIONI GENERALI DIVIDEND	20	65	3	0.0	0.0	-	470
AXA DIVIDEND	20	10	1	0.0	0.0	-	10
BANCO BILBAO VIZCAYA ARGENTARIA DIVIDEND	20	-	-	-	-	-	-
BANCO SANTANDER DIVIDEND	20	-	-	-	-	-	-
BNP DIVIDEND	20	2 449	122	0.0	0.0	-	2 449
DAIMLER DIVIDEND	20	-	-	-	-	-	30
DEUTSCHE TELEKOM DIVIDEND	20	-	-	-	-	-	80
ENEL DIVIDEND	20	-	-	-	-	-	3 790
ENGIE DIVIDEND	20	-	-	-	-	-	-
ENI DIVIDEND	20	100	5	0.0	0.0	-	1 450
FIAT CHRYSLER AUTOMOBILES DIVIDEND	20	-	-	-	-	-	4 960
IBERDROLA DIVIDEND	20	-	-	-	-	-	20
INTESA SANPAOLO DIVIDEND	20	3 000	150	0.3	0.0	-	23 730
ORANGE DIVIDEND	20	-	-	-	-	-	-
POSTE ITALIANE DIVIDEND	20	-	-	-	-	-	-
SANOFI-AVENTIS DIVIDEND	20	-	-	-	-	-	5
SIEMENS DIVIDEND	20	-	-	-	-	-	20
SNAM DIVIDEND	20	-	-	-	-	-	-
SOCGEN DIVIDEND	20	-	-	-	-	-	40
TELECOM ITALIA DIVIDEND	20	-	-	-	-	-	-
TELEFONICA DIVIDEND	20	-	-	-	-	-	-
TERNA DIVIDEND	20	-	-	-	-	-	-
TOTAL DIVIDEND	20	-	-	-	-	-	5
UNICREDIT DIVIDEND	20	-	-	-	-	-	4 010
VIVENDI DIVIDEND	20	-	-	-	-	-	10

(*) The notional turnover is computed as the product of contracts number, strike prices and sizes for options and as the product of contracts number, prices and sizes for futures.

(**) As percentage on shares turnover (underlying shares).

(***) Open positions at the end of period. Gross figures both for options and futures.

IDEM - EQUITY DERIVATIVES TURNOVER - Stock Options

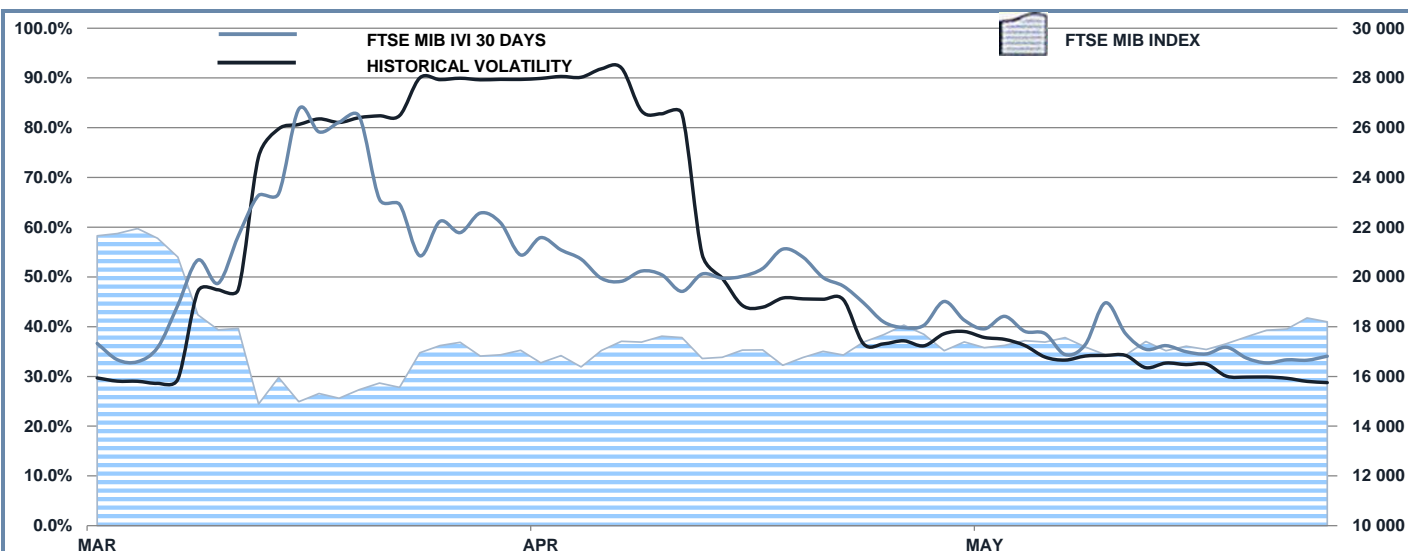
	DAYS	STANDARD CONTRACTS		TURNOVER		% TOT SHARES (**)	OPEN INTEREST (***)
		TOTAL	DAILY AVG	TURNOVER eur m (*)			
		TOTAL	DAILY AVG	TOTAL	DAILY AVG		
STOCK OPTIONS							
A2A	20	1 712	86	11.1	0.6	3.6%	5 441
ACEA	20	64	3	0.5	0.0	0.8%	94
AMPLIFON	20	151	8	1.7	0.1	0.5%	207
ANIMA HOLDING	20	4 971	249	9.5	0.5	5.8%	7 089
ASTM	20	11	1	0.0	0.0	0.0%	283
ATLANTIA	20	20 117	1 006	145.2	7.3	27.9%	28 652
AUTOGRILL	20	1 125	56	2.6	0.1	1.9%	2 516
AZIMUT HOLDING	20	5 388	269	42.1	2.1	8.0%	14 462
BANCA GENERALI	20	697	35	1.6	0.1	0.9%	2 079
BANCA IFIS	20	287	14	0.3	0.0	1.2%	622
BANCA MEDIOLANUM	20	1 075	54	3.1	0.2	1.8%	1 820
BANCA MONTE PASCHI SIENA	20	23 526	1 176	2.5	0.1	3.0%	49 051
BANCA POPOLARE SONDRIO	20	4	0	0.0	0.0	0.0%	73
BANCO BPM	20	7 995	400	11.5	0.6	2.0%	50 153
BPER BANCA	20	707	35	1.5	0.1	0.6%	7 960
BREMBO	20	340	17	1.3	0.1	1.0%	731
BRUNELLO CUCINELLI	20	64	3	0.2	0.0	0.4%	119
BUZZI UNICEM	20	4 609	230	8.1	0.4	3.3%	5 353
CAMPARI	20	837	42	6.2	0.3	2.1%	1 406
CATTOLICA ASSICURAZIONI	20	822	41	0.4	0.0	0.7%	1 689
CERVED GROUP	20	33	2	0.1	0.0	0.2%	54
CIR	20	-	-	-	-	0.0%	21
CNH INDUSTRIAL	20	4 932	247	14.3	0.7	2.8%	8 412
CREDITO VALTELLINESE	20	20	1	0.0	0.0	0.0%	20
DANIELI & C	20	103	5	0.1	0.0	1.5%	263
DE' LONGHI	20	145	7	1.3	0.1	2.9%	213
DIASORIN	20	351	18	6.1	0.3	0.3%	263
ENEL	20	87 144	4 357	271.9	13.6	7.3%	669 208
ENI	20	60 548	3 027	284.5	14.2	9.6%	481 309
ERG	20	1 148	57	10.3	0.5	12.8%	1 179
EXOR	20	1 500	75	6.7	0.3	1.4%	6 568
FALCK RENEWABLES	20	230	12	0.5	0.0	0.6%	72
FERRARI	20	3 698	185	51.0	2.5	3.5%	16 508
FIAT CHRYSLER AUTOMOBILES	20	36 126	1 806	151.5	7.6	9.3%	225 960
FINCANTIERI	20	344	17	0.3	0.0	0.4%	252
FINECOBANK	20	1 521	76	7.1	0.4	1.1%	5 472
GENERALI	20	53 286	2 664	70.2	3.5	4.7%	723 618
GEOX	20	12	1	0.0	0.0	0.1%	235
HERA	20	41	2	0.1	0.0	0.1%	108
IMA	20	38	2	0.1	0.0	0.1%	246
INTERPUMP GROUP	20	24	1	0.1	0.0	0.1%	472
INTESA SANPAOLO	20	57 600	2 880	87.7	4.4	2.2%	1 516 229
INWIT	20	34	2	0.2	0.0	0.0%	37
IREN	20	2 483	124	5.2	0.3	5.4%	4 615
ITALGAS	20	1 152	58	6.5	0.3	2.6%	2 250
JUVENTUS FOOTBALL CLUB	20	50	3	0.0	0.0	0.0%	468
LEONARDO	20	5 311	266	16.0	0.8	2.9%	19 560
MAIRE TECNIMONT	20	88	4	0.2	0.0	0.3%	175
MEDIASET	20	1 019	51	2.6	0.1	4.7%	4 080
MEDIOBANCA	20	6 799	340	20.8	1.0	3.4%	24 748
MONCLER	20	2 171	109	36.5	1.8	6.5%	7 944
MONDADORI EDITORE	20	5	0	0.0	0.0	0.1%	28
NEXI	20	600	30	4.4	0.2	0.3%	1 474
OVS	20	46	2	0.0	0.0	0.0%	356
PIAGGIO & C	20	233	12	0.5	0.0	0.7%	587
PIRELLI & C	20	4 381	219	8.3	0.4	3.1%	13 767
POSTE ITALIANE	20	1 095	55	4.3	0.2	0.7%	3 906
PRIMA INDUSTRIE	20	10	1	0.0	0.0	0.2%	55
PRYSMIAN	20	2 802	140	5.3	0.3	1.1%	15 204
RECORDATI	20	239	12	1.1	0.1	0.3%	760
SAFILO GROUP	20	259	13	0.2	0.0	1.8%	416
SAIPEM	20	1 156	58	2.8	0.1	0.7%	9 463
SALVATORE FERRAGAMO	20	429	21	2.6	0.1	1.1%	12 341
SARAS	20	240	12	0.2	0.0	0.2%	2 203
SNAM	20	3 469	173	13.7	0.7	1.8%	32 777
STMICROELECTRONICS	20	4 163	208	45.3	2.3	3.4%	14 039
TAMBURI INVESTMENT PARTNERS	20	5	0	0.0	0.0	0.1%	49
TECHNOGYM	20	95	5	0.3	0.0	0.3%	939
TELECOM ITALIA	20	185 154	9 258	68.4	3.4	8.6%	660 955
TELECOM ITALIA RSP	20	4 630	232	1.6	0.1	0.9%	32 073
TENARIS	20	1 185	59	3.4	0.2	0.9%	21 771
TERNA	20	626	31	3.6	0.2	0.6%	5 637
TOD'S	20	89	4	0.2	0.0	0.8%	454
UBI BANCA	20	5 504	275	6.9	0.3	2.2%	20 336
UNICREDIT	20	44 525	2 226	164.3	8.2	4.7%	351 531
UNIPOL	20	603	30	1.0	0.0	0.5%	1 680
UNIPOLSAI	20	409	20	0.9	0.0	0.5%	2 068
WEEKLY STOCK OPTIONS							
ENEL	20	52	3	0.2	0.0	0.0%	4
ENI	20	51	3	0.2	0.0	0.0%	6
FIAT CHRYSLER AUTOMOBILES	20	65	3	0.2	0.0	0.0%	15
GENERALI	20	12	1	0.0	0.0	0.0%	3
INTESA SANPAOLO	20	130	7	0.2	0.0	0.0%	7
TELECOM ITALIA	20	-	-	-	-	0.0%	-
UNICREDIT	20	113	6	0.4	0.0	0.0%	2

(*) The notional turnover is computed as the product of contracts number, strike prices and sizes for options and as the product of contracts number, prices and sizes for futures.

(**) As percentage on shares turnover (underlying shares).

(***) Open positions at the end of period. Gross figures both for options and futures.

INDEX AND VOLATILITY



Note: historical volatility is computed as standard deviation of daily logarithmic variations of FTSE MIB index values (last 22 days rolling)

MOST TRADED STOCK OPTIONS IN THE MONTH BY UNDERLYING

SHARES	STANDARD CONTRACTS			NOTIONAL TURNOVER		OPEN INTEREST *
	number	% CALL	% PUT	eur ML	% SHARES	
TELECOM ITALIA	185 154	35.53%	64.47%	68.39	8.6%	660 955
ENEL	87 196	34.48%	65.52%	272.07	7.4%	669 212
ENI	60 599	51.13%	48.87%	284.75	9.7%	481 315
INTESA SANPAOLO	57 730	36.67%	63.33%	87.88	2.2%	1 516 236
GENERALI	53 298	35.92%	64.08%	70.24	4.7%	723 621
UNICREDIT	44 638	41.90%	58.10%	164.67	4.7%	351 533
FIAT CHRYSLER AUTOMOBILES	36 191	44.06%	55.94%	151.71	9.3%	225 975
BANCA MONTE PASCHI SIENA	23 526	25.02%	74.98%	2.52	3.0%	49 051
ATLANTIA	20 117	50.07%	49.93%	145.22	27.9%	28 652
BANCO BPM	7 995	31.03%	68.97%	11.51	2.0%	50 153

* Open positions at the end of period. Gross figures

MOST TRADED STOCK FUTURES IN THE MONTH BY UNDERLYING

SHARES	STANDARD CONTRACTS		TRADES number	NOTIONAL TURNOVER		OPEN INTEREST *
	number	%TOT		eur ML	% SHARES	
INTESA SANPAOLO	64 534	39.6%	14	90.62	2.3%	41 036
BNP PARIBAS	48 743	29.9%	4	127.92		24 492
GENERALI	17 090	10.5%	7	21.24	1.4%	13 566
ENI	10 656	6.5%	9	44.75	1.5%	4 901
ENEL	7 925	4.9%	6	26.05	0.7%	5 100
UNIPOLSAI	6 005	3.7%	3	13.05	7.6%	3 005
ANIMA HOLDING	2 000	1.2%	2	3.25	2.0%	1 000
BUZZI UNICEM	2 000	1.2%	1	3.39	1.4%	2 000
A2A	1 040	0.6%	3	6.25	2.0%	540
SNAM	1 015	0.6%	3	4.18	0.6%	1 365

* Open positions at the end of period. Gross figures

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