Investor Activity on GPW Markets in August 2021 (attachment)

Equities Market[1]

Main Market	August 2021	August 2020	Change %	January-August 2021	January-August 2020	Change %
Total						
Turnover value - total (PLN)	18 261 275 272	17 493 017 708	4,4	219 056 867 579	175 479 453 992	24,8
Turnover value - Electronic Order Book (PLN)	17 702 587 836	17 384 190 817	1,8	204 910 850 820	172 228 761 595	19,0
Turnover value - block trades (PLN)	558 687 436	108 826 892	413,4	14 146 016 759	3 250 692 397	335,2
Number of transactions (Electronic Order Book)	2 087 148	2 211 421	-5,6	22 816 390	21 073 256	8,3
WIG at the end of the period	70 930,15	51 629,45	37,4	70 930,15	51 629,45	37,4
Day avarage						
Turnover value - Electronic Order Book (PLN)	804 663 083	827 818 610	-2,8	1 227 011 083	1 025 171 200	19,7
Turnover value - block trades (PLN)	25 394 883	5 182 233	390,0	84 706 687	19 349 360	337,8
Number of transactions (Electronic Order Book)	94 870	105 306	-9,9	136 625	125 436	8,9

NewConnect	August 2021	August 2020	Change %	January-August 2021	January-August 2020	Change %
Total						
Turnover value - total (PLN)	293 099 557	1 757 924 619	-83,3	4 723 528 242	8 274 071 473	-42,9
Turnover value - Electronic Order Book (PLN)	289 178 140	1 729 333 982	-83,3	4 620 869 473	8 119 945 787	-43,1
Turnover value - block trades (PLN)	3 921 417	28 590 637	-86,3	102 658 768	154 125 686	-33,4
Number of transactions (Electronic Order Book)	187 572	605 571	-69,0	2 239 246	3 001 232	-25,4
NCIndex at the end of the period	466,10	552,02	-15,6	466,10	552,02	-15,6
Day avarage						
Turnover value - Electronic Order Book (PLN)	13 144 461	82 349 237	-84,0	27 669 877	48 333 011	-42,8
Turnover value - block trades (PLN)	178 246	1 361 459	-86,9	614 723	917 415	-33,0
Number of transactions (Electronic Order Book)	8 526	28 837	-70,4	13 409	17 864	-24,9

Derivative Instruments Market

Derivatives	August 2021	August 2020	Change %	January-August 2021	January-August 2020	Change %
Total						
Volume - EOB and block trades (#)	562 716	489 980	14,8	7 033 954	6 953 509	1,2
Index futures	267 265	279 128	-4,3	3 469 387	3 965 266	-12,5
Single-stock futures	118 700	108 876	9,0	1 444 501	1 545 719	-6,5
Currency futures	158 120	80 105	97,4	1 939 380	1 221 573	58,8
Interest rate futures	0	0	----	0	0	----
Options	18 631	21 871	-14,8	180 686	220 951	-18,2
Day avarage						
Volume - EOB and block trades (#)						
Index futures	12 148	13 292	-8,6	20 775	23 603	-12,0
Single-stock futures	5 395	5 185	4,1	8 650	9 201	-6,0
Currency futures	7 187	3 815	88,4	11 613	7 271	59,7
Interest rate futures	0	0	----	0	0	----
Options	847	1 041	-18,6	1 082	1 315	-17,7
NOI[2]						
Index futures	46 662	38 002	22,8	46 662	38 002	22,8
Single-stock futures	46 939	37 687	24,5	46 939	37 687	24,5
Currency futures	293 392	127 431	130,2	293 392	127 431	130,2
Interest rate futures	0	0	----	0	0	----
Options	15 500	19 468	-20,4	15 500	19 468	-20,4

Debt Instruments Market

Catalyst[3]	August 2021	August 2020	Change %	January-August 2021	January-August 2020	Change %
Value of listed issues (PLN bn)[4]	101,2	94,9	6,6	101,2	94,9	6,6
Turnover value - total (PLN)	172 367 558	202 608 143	-14,9	2 070 492 153	1 893 540 560	9,3
Turnover value - Electronic Order Book (PLN)	169 978 267	202 608 143	-16,1	1 916 671 556	1 802 248 138	6,3
Turnover value - block trades (PLN)	2 389 291	0	----	153 820 597	91 292 421	68,5
Number of transactions (Electronic Order Book)	3 861	4 889	-21,0	40 778	59 219	-31,1

Treasury BondSpot Poland[5]	August 2021	August 2020	Change %	January-August 2021	January-August 2020	Change %
Turnover value - cash transactions (PLN)	5 402 033 075	1 051 946 150	413,5	49 555 380 350	26 638 802 250	86,0
Turnover value - conditional transactions (PLN)	44 673 866 272	7 202 000 778	520,3	276 014 230 675	78 661 979 650	250,9

Structured Instruments, ETFs and Investment Certificates Markets

Structured products and ETFs	August 2021	August 2020	Change %	January-August 2021	January-August 2020	Change %
Value - EOB and block trades (PLN)						
Structured products	209 700 387	211 655 414	-0,9	1 986 611 181	1 956 911 549	1,5
Investment certificates	3 384 133	3 176 891	6,5	31 846 196	35 539 663	-10,4
Warrants	0	0	---	0	0	---
ETFs	36 513 083	26 522 085	37,7	432 918 847	534 952 509	-19,1

Commodity Market

Electricity - TGE	August 2021	August 2020	Change %	January-August 2021	January-August 2020	Change %
Volume of trading - spot transactions (MWh)	3 042 888	2 743 582	10,9	24 458 629	22 649 990	8,0
Volume of trading - forward transactions (MWh)	12 173 566	12 409 735	-1,9	113 254 490	140 927 225	-19,6

Property rights - TGE	August 2021	August 2020	Change %	January-August 2021	January-August 2020	Change %
Volume of trading - spot transactions (MWh)[6]	1 233 441	2 095 492	-41,1	17 334 149	18 635 422	-7,0
Volume of trading - forward transactions (MWh)	0	0	-	0	0	-
Volume of trading - spot transactions (toe)[7]	4 682	7 073	-33,8	75 858	150 597	-49,6

Gas - TGE	August 2021	August 2020	Change %	January-August 2021	January-August 2020	Change %
Volume of trading - spot transactions (MWh)	1 248 248	1 006 261	24,0	18 836 093	14 515 470	29,8
Volume of trading - forward transactions (MWh)	21 098 084	8 275 896	154,9	93 759 207	83 110 180	12,8

Register of Gurantees of Origin (electricity)	August 2021	August 2020	Change %	January-August 2021	January-August 2020	Change %
Volume of trading - OZE (MWh)	1 487 990	698 993	112,9	19 436 916	12 465 456	55,9
Volume of trading - cogeneration (MWh)	0	0	-	0	0	-

Agricultural Exchange Market - TGE	August 2021	August 2020	Change %	January-August 2021	January-August 2020	Change %
Volume of trading - wheat (tonnes)	0	0	-	4 725	1 250	278,0
Volume of trading - rye (tonnes)	0	0	-	25	0	-
Volume of trading - corn (tonnes)	0	0	-	0	0	-

[1] transactions in shares, allotment certificates and subscription rights

[2] number of open interest, data at the end of the period

[3] corporate, municipal and mortgage bonds

[4] corporate, municipal and mortgage bonds. As of 3rd of January 2018 BGK bonds are treated as Treasury bonds and hence the value of corporate bonds shown is lower and cannot be compared with previous tables. January 2017 has been recalculated according to MiFID2

[5] transactions in Treasury bonds and bills

[6] transactions in all TGE traded property rights excluding rights to certificates connected with energy efficiency ('white certificates')
As of December 29, 2017, trading in futures contracts for property rights for electricity generated in RES was suspended. The necessity to end trading in these contracts on TGE is related to the adaptation of TGE's activities to the MIFiD2 regime.

[7] transactions in property rights to certificates connected with energy efficiency ('white certificates')