Investor Activity on GPW Markets in May 2018 (attachment)

Equities Market¹

Main Market	May 2018	May 2017	Change %	January-May 2018	January-May 2017	Change %			
		Total							
Value of trading - total (PLN)	17,565,288,520	22,059,619,299	-20.4	87,182,467,790	110,561,577,846	-21.1			
Value of trading - Electronic Order Book (PLN)	17,050,214,975	21,675,553,173	-21.3	84,997,994,036	106,808,146,875	-20.4			
Value of trading - block trades (PLN)	515,073,545	384,066,125	34.1	2,184,473,754	3,753,430,971	-41.8			
Number of transactions (Electronic Order Book)	1,477,259	1,844,556	-19.9	7,534,372	9,054,404	-16.8			
WIG at the end of the period	57,282.73	60,092.07	-4.7	57,282.73	60,092.07	-4.7			
	Day avarage								
Value of trading - Electronic Order Book (PLN)	852,510,749	1,032,169,199	-17.4	833,313,667	1,036,972,300	-19.6			
Value of trading - block trades (PLN)	25,753,677	18,288,863	40.8	21,416,409	36,441,077	-41.2			
Number of transactions (Electronic Order Book)	73,863	87,836	-15.9	73,866	87,907	-16.0			

NewConnect	May 2018	May 2017	Change %	January-May 2018	January-May 2017	Change %			
		Total							
Value of trading - total (PLN)	143,010,110	103,604,599	38.0	488,634,451	721,775,459	-32.3			
Value of trading - Electronic Order Book (PLN)	141,318,864	95,336,879	48.2	452,342,488	659,685,153	-31.4			
Value of trading - block trades (PLN)	1,691,247	8,267,720	-79.5	36,291,963	62,090,306	-41.5			
Number of transactions (Electronic Order Book)	64,293	59,666	7.8	282,067	402,254	-29.9			
NCIndex at the end of the period	239.79	326.41	-26.5	239.79	326.41	-26.5			
	Day avarage								
Value of trading - Electronic Order Book (PLN)	7,065,943	4,539,851	55.6	4,434,730	6,404,710	-30.8			
Value of trading - block trades (PLN)	84,562	393,701	-78.5	355,804	602,819	-41.0			
Number of transactions (Electronic Order Book)	3,215	2,841	13.2	2,765	3,905	-29.2			

Derivative Instruments Market

Derivatives	May 2018	May 2017	Change %	January-May 2018	January-May 2017	Change %
		Total				
Volume - EOB and block trades (#)	657,669	671,440	-2.1	3,292,655	3,448,843	-4.5
Index futures	311,140	416,312	-25.3	1,811,416	2,052,206	-11.7
Single-stock futures	108,367	143,782	-24.6	553,424	810,580	-31.2
Currency futures	215,497	78,789	173.5	798,217	437,167	82.6
Interest rate futures	7	100	-93.0	15	5,486	-99.2
Options	22,658	32,457	-30.2	129,583	143,404	-9.6
	Da	iy avarage				
	Volume - EOI	3 and block trades (#)			
Index futures	15,557	19,824	-21.5	17,759	19,924	-10.9
Single-stock futures	5,418	6,847	-20.9	5,426	7,870	-31.1
Currency futures	10,775	3,752	187.2	7,826	4,244	84.4
Interest rate futures	0	5	-100.0	0	53	-100.0
Options	1,133	1,546	-26.7	1,270	1,392	-8.8
		NOI ²				
Index futures	60,920	74,079	-17.8	60,920	74,079	-17.8
Single-stock futures	24,218	29,732	-18.5	24,218	29,732	-18.5
Currency futures	87,167	40,472	115.4	87,167	40,472	115.4
Interest rate futures	9	528	-98.3	9	528	-98.3
Options	24,037	34,381	-30.1	24,037	34,381	-30.1

Debt Instruments Market

Catalyst ³	May 2018	May 2017	Change %	January-May 2018	January-May 2017	Change %
Value of listed issues (PLN bn) ⁴	80.7	63.2	27.7	80.7	63.2	27.7
Value of trading - total (PLN)	155,561,341	293,096,502	-46.9	1,297,296,831	1,099,821,814	18.0
Value of trading - Electronic Order Book (PLN)	148,709,606	160,236,762	-7.2	1,014,844,595	911,000,121	11.4
Value of trading - block trades (PLN)	6,851,735	132,859,740	-94.8	282,452,235	188,821,693	49.6
Number of transactions (Electronic Order Book)	6,129	6,400	-4.2	42,014	34,793	20.8

Treasury BondSpot Poland ⁵	May 2018	May 2017	Change %	January-May 2018	January-May 2017	Change %
Value of trading - cash transactions (PLN)	10,422,847,775	18,633,149,550	-44.1	65,255,690,725	89,318,678,525	-26.9
Value of trading - conditional transactions (PLN)	12,516,333,210	26,984,341,098	-53.6	93,870,603,951	119,493,963,724	-21.4

Structured Instruments, ETFs and Investment Certificates Markets

Structured products and ETFs	May 2018	May 2017	Change %	January-May 2018	January-May 2017	Change %	
Value - EOB and block trades (PLN)							
Structured products	57,529,338	85,834,128	-33.0	339,516,837	411,190,679	-17.4	
Investment certificates	5,346,052	4,779,075	11.9	33,177,029	27,620,017	20.1	
Warrants	0	0		0	0		
ETFs	9,525,593	14,796,642	-35.6	76,888,547	80,889,641	-4.9	

Commodity Market

Electricity - TGE	May 2018	May 2017	Change %	January-May 2018	January-May 2017	Change %
Volume of trading - spot transactions (MWh)	2,100,556	2,100,719	0.0	11,569,333	10,995,114	5.2
Volume of trading - forward transactions (MWh)	16,136,647	6,668,898	142.0	65,332,489	27,190,363	140.3

Property rights - TGE	May 2018	May 2017	Change %	January-May 2018	January-May 2017	Change %
Volume of trading - spot transactions (MWh) ⁶	10,669,695	7,993,238	33.5	29,910,400	29,656,832	0.9
Volume of trading - spot transactions (toe) ⁷	22,810	39,252	-41.9	174,547	122,312	42.7

Gas - TGE	May 2018	May 2017	Change %	January-May 2018	January-May 2017	Change %
Volume of trading - spot transactions (MWh)	1,034,126	1,830,254	-43.5	13,769,216	13,713,182	0.4
Volume of trading - forward transactions (MWh)	9,123,173	5,083,632	79.5	28,025,344	31,189,848	-10.1

1) transactions in shares, allotment certificates and subscription rights

²⁾ number of open interest, data at the end of the period
 ³⁾ corporate, municipal, Treasury 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

¹ corporate, municipal and morrgage bonds. As or 3 ro or January 2015 Bick bonds are treated as i reated as investigation of a solution 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.
¹ transactions in property rights to certificates connected with energy efficiency ('white certificates')