Investor Activity on GPW Markets in January 2019 (attachment)

Equities Market¹

Main Market	January 2019	Janaury 2018	Change %
То	tal		
Value of trading - total (PLN)	20,332,708,416	19,433,279,751	4.6
Value of trading - Electronic Order Book (PLN)	19,884,239,318	19,136,353,525	3.9
Value of trading - block trades (PLN)	448,469,098	296,926,226	51.0
Number of transactions (Electronic Order Book)	1,583,637	1,525,850	3.8
WIG at the end of the period	60,367.42	66,048.17	-8.6
Day av	varage		
Value of trading - Electronic Order Book (PLN)	903,829,060	911,254,930	-0.8
Value of trading - block trades (PLN)	20,384,959	14,139,344	44.2
Number of transactions (Electronic Order Book)	71,984	72,660	-0.9

NewConnect	January 2019	Janaury 2018	Change %
	Total		
Value of trading - total (PLN)	153,404,695	72,440,761	111.8
Value of trading - Electronic Order Book (PLN)	144,715,279	66,166,410	118.7
Value of trading - block trades (PLN)	8,689,416	6,274,351	38.5
Number of transactions (Electronic Order Book)	82,340	49,491	66.4
NCIndex at the end of the period	219.54	275.22	-20.2
Day	avarage		
Value of trading - Electronic Order Book (PLN)	6,577,967	3,150,781	108.8
Value of trading - block trades (PLN)	394,973	298,779	32.2
Number of transactions (Electronic Order Book)	3,743	2,357	58.8

Derivative Instruments Market

Derivatives	January 2019	Janaury 2018	Change %
	īotal		
Volume - EOB and block trades (#)	567,596	461,577	23.0
Index futures	332,147	254,096	30.7
Single-stock futures	105,683	86,176	22.6
Currency futures	111,671	97,476	14.6
Interest rate futures	4	0	
Options	18,091	23,829	-24.1
Day	avarage		
Volume - EOB a	nd block trades (#)		
Index futures	15,098	12,100	24.8
Single-stock futures	4,804	4,104	17.1
Currency futures	5,076	4,642	9.3
Interest rate futures	0	0	
Options	822	1,135	-27.6
	NOI ²		
Index futures	57,924	65,205	-11.2
Single-stock futures	19,466	24,867	-21.7
Currency futures	74,819	48,554	54.1
Interest rate futures	14	109	-87.2
Options	15,689	20,446	-23.3

Debt Instruments Market

Catalyst ³	January 2019	Janaury 2018	Change %
Value of listed issues (PLN bn) ⁴	84.7	74.5	13.7
Value of trading - total (PLN)	253,556,948	318,232,130	-20.3
Value of trading - Electronic Order Book (PLN)	240,895,403	171,623,426	40.4
Value of trading - block trades (PLN)	12,661,545	146,608,704	-91.4
Number of transactions (Electronic Order Book)	7,199	7,846	-8.2

Treasury BondSpot Poland ⁵	January 2019	Janaury 2018	Change %
Value of trading - cash transactions (PLN)	19,067,375,275	12,540,276,700	52.
Value of trading - conditional transactions (PLN)	15,820,887,472	978,291,355	1517.

Structured Instruments, ETFs and Investment Certificates Markets

Structured products and ETFs	January 2019	Janaury 2018	Change %
Value - EOB and block trades (PLN)			
Structured products	87,064,221	75,352,777	15.5
Investment certificates	7,580,638	6,123,473	23.8
Warrants	0	0	
ETFs	20,571,093	17,295,413	18.9

Commodity Market

January 2019	Janaury 2018	Change %
2,918,725	2,563,056	13.9
5,783,802	8,333,398	-30.6
	2,918,725	2,918,725 2,563,056

Property rights - TGE	January 2019	Janaury 2018	Change %
Volume of trading - spot transactions (MWh) ⁶	3,136,149	2,973,426	5.5
Volume of trading - spot transactions (toe) ⁷	21,689	49,174	-55.9

Gas - TGE	January 2019	Janaury 2018	Change %
Volume of trading - spot transactions (MWh)	3,210,710	2,384,368	34.7
Volume of trading - forward transactions (MWh)	6,516,938	4,758,030	37.0

 $^{\mathrm{1}}$ transactions in shares, allotment certificates and subscription rights

 $^{\rm 2}\,{\rm number}$ 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 her and cannot be compared with previous tables. January 2017 has been recalculated according to MiFID2 $^{\rm S}$ transactions in Treasury bonds and bills

A stranget of transactions in all TGE traded property rights excluding rights to certificates connected with energy efficiency ('white ce As of December 29, 2017, trading in futures contracts for property rights for electricity generated in RES was suspende

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')