Equities Market 1

Main Market	November 2021	November 2020	Change %	January- November 2021	January- November 2020	Change %
		Total				
Turnover value - total (PLN)	30,487,324,328	31,290,626,882	-2.6	306,788,713,834	275,879,465,477	11.2
Turnover value - Electronic Order Book (PLN)	29,760,126,029	30,633,999,968	-2.9	290,832,862,486	262,778,304,191	10.7
Turnover value - block trades (PLN)	727,198,299	656,626,914	10.7	15,955,851,348	13,101,161,287	21.8
Number of transactions (Electronic Order Book)	2,967,038	3,174,391	-6.5	31,580,506	30,079,576	5.0
WIG at the end of the period	67,814.89	52,639.45	28.8	67,814.89	52,639.45	28.8
	D	ay avarage				
Turnover value - Electronic Order Book (PLN)	1,488,006,301	1,531,699,998	-2.9	1,264,490,706	1,132,665,104	11.6
Turnover value - block trades (PLN)	36,359,915	32,831,346	10.7	69,373,267	56,470,523	22.8
Number of transactions (Electronic Order Book)	148,352	158,720	-6.5	137,307	129,653	5.9

NewConnect	November 2021	November 2020	Change %	January- November 2021	January- November 2020	Change %
		Total				
Turnover value - total (PLN)	318,894,093	1,502,868,514	-78.8	5,885,308,811	13,760,258,344	-57.2
Turnover value - Electronic Order Book (PLN)	309,845,935	1,496,936,240	-79.3	5,677,422,912	13,578,397,739	-58.2
Turnover value - block trades (PLN)	9,048,157	5,932,274	52.5	207,885,898	181,860,605	14.3
Number of transactions (Electronic Order Book)	200,290	460,097	-56.5	2,858,733	4,607,110	-37.9
NCIndex at the end of the period	400.89	516.60	-22.4	400.89	516.60	-22.4
	D	ay avarage				
Turnover value - Electronic Order Book (PLN)	15,492,297	74,846,812	-79.3	24,684,447	58,527,576	-57.8
Turnover value - block trades (PLN)	452,408	296,614	52.5	903,852	783,882	15.3
Number of transactions (Electronic Order Book)	10,015	23,005	-56.5	12,429	19,858	-37.4

Derivative Instruments Market

Derivatives	November 2021	November 2020	Change %	January- November 2021	January- November 2020	Change %
		Total				
Volume - EOB and block trades (#)	984,659	1,009,919	-2.5	10,376,812	10,161,321	2.1
Index futures	491,676	568,822	-13.6	4,891,538	5,662,839	-13.6
Single-stock futures	207,349	257,950	-19.6	2,084,910	2,219,930	-6.1
Currency futures	255,888	145,955	75.3	3,146,979	1,933,531	62.8
Interest rate futures	0	0		0	0	
Options	29,746	37,192	-20.0	253,385	345,021	-26.6
		ay avarage				
	Volume - EC	B and block trades (#)			
Index futures	24,584	28,441	-13.6	21,268	24,409	-12.9
Single-stock futures	10,367	12,898	-19.6	9,065	9,569	-5.3
Currency futures	12,794	7,298	75.3	13,683	8,334	64.2
Interest rate futures	0	0		0	0	
Options	1,487	1,860	-20.1	1,102	1,487	-25.9
		NOI ²				
Index futures	42,237	45,889	-8.0	42,237	45,889	-8.0
Single-stock futures	44,400	46,925	-5.4	44,400	46,925	-5.4
Currency futures	338,397	159,265	112.5	338,397	159,265	112.5
Interest rate futures	0	0		0	0	
Options	14,347	25,970	-44.8	14,347	25,970	-44.8

Debt Instruments Market

Catalyst ³	November 2021	November 2020	Change %	January- November 2021	January- November 2020	Change %
Value of listed issues (PLN bn) ⁴	95.6	97.2	-1.7	95.6	97.2	-1.7
Turnover value - total (PLN)	266,998,609	230,897,916	15.6	2,759,679,716	2,554,410,394	8.0
Turnover value - Electronic Order Book (PLN)	258,597,103	224,725,574	15.1	2,594,905,072	2,450,815,974	5.9
Turnover value - block trades (PLN)	8,401,506	6,172,342		164,774,643	103,594,420	59.1
Number of transactions (Electronic Order Book)	6,125	5,498	11.4	56,981	75,604	-24.6

Treasury BondSpot Poland ⁵	November 2021	November 2020	Change %	January- November 2021	January- November 2020	Change %
Turnover value - cash transactions (PLN)	3,800,335,650	2,575,699,500	47.6	61,654,301,600	32,117,794,725	92.0
Turnover value - conditional transactions (PLN)	38,332,295,864	18,053,769,097	112.3	386,464,722,565	120,065,461,115	221.9

Structured Instruments, ETFs and Investment Certificates Markets

Structured products and ETFs	November 2021	November 2020	Change %	January- November 2021	January- November 2020	Change %
Value - EOB and block trades (PLN)						
Structured products	252,963,013	186,876,083	35.4	2,871,056,071	2,522,598,987	13.8
Investment certificates	3,109,226	4,364,013	-28.8	43,659,414	50,001,964	-12.7
Warrants	0	0		0	0	
ETFs	75,795,297	71,426,875	6.1	593,490,601	696,630,974	-14.8

Commodity Market

Electricity - TGE	November 2021	November 2020	Change %	January- November 2021	January- November 2020	Change %
Volume of trading - spot transactions (MWh)	2,763,178	3,022,749	-8.6	33,263,679	31,569,462	5.4
Volume of trading - forward transactions (MWh)	17,163,339	16,594,135	3.4	174,162,333	193,860,619	-10.2

Property rights - TGE	November 2021	November 2020	Change %	January- November 2021	January- November 2020	Change %
Volume of trading - spot transactions (MWh) ⁶	2,476,987	1,984,861	24.8	23,397,167	24,209,286	-3.4
Volume of trading - forward transactions (MWh)	0	0	-	0	0	-
Volume of trading - spot transactions (toe) ⁷	10,147	6,961	45.8	100,024	180,715	-44.7

Gas - TGE	November 2021	November 2020	Change %	January- November 2021	January- November 2020	Change %
Volume of trading - spot transactions (MWh)	2,199,004	3,160,430	-30.4	24,831,556	21,628,184	14.8
Volume of trading - forward transactions (MWh)	8,696,807	8,774,678	-0.9	138,763,580	114,805,177	20.9

Register of Gurantees of Origin (electricity)	November 2021	November 2020	Change %	January- November 2021	January- November 2020	Change %
Volume of trading - OZE (MWh)	2,371,235	1,565,713	51.4	26,818,988	16,081,394	66.8
Volume of trading - cogeneration (MWh)	0	0	-	0	0	-

Agricultural Exchange Market - TGE	November 2021	November 2020	Change %	January- November 2021	January- November 2020	Change %
Volume of trading - wheat (tonnes)	0	300	-	4,725	1,550	204.8
Volume of trading - rye (tonnes)	0	0	-	25	0	-
Volume of trading - corn (tonnes)	0	0	-	0	0	
Volume of trading - rangeed (tonnes)	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

^{*}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

*transactions in Treasury bonds and bills

*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.

*Transactions in property rights to certificates connected with energy efficiency ('white certificates')