Monday, May 29, 2017 | daily publication

Morning Comments

Equity Market, Poland

Research Department:

Michał Marczak +48 22 438 24 01 Kamil Kliszcz +48 22 438 24 02 Jakub Szkopek +48 22 438 24 03 Piotr Zybała +48 22 438 24 04
Michał Konarski +48 22 438 24 05 Paweł Szpigiel +48 22 438 24 06 Piotr Bogusz +48 22 438 24 08

DJIA	21,080.3	-0.01%	**FTSE 100**	7,547.6	+0.40%	**Copper (LME)**	5,657.5	-1.16%
S&P 500	2,415.8	+0.03%	**WIG20**	2,326.3	-1.36%	**Crude Oil (Brent)**	51.75	+1.79%
NASDAQ	6,210.2	+0.08%	**BUX**	34,358.9	+0.03%	**USD/PLN**	3.7395	+0.39%
DAX	12,602.2	-0.15%	**PX**	1,016.2	+0.62%	**EUR/PLN**	4.1801	+0.10%
CAC 40	5,336.6	-0.01%	**PLBonds10**	3.281	-5.50%	**EUR/USD**	1.1183	-0.24%

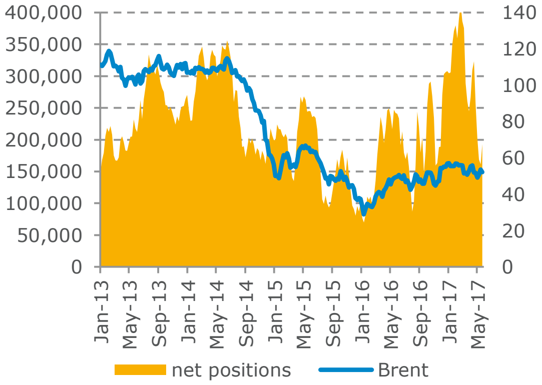
Company & Sector News

Gas & Oil

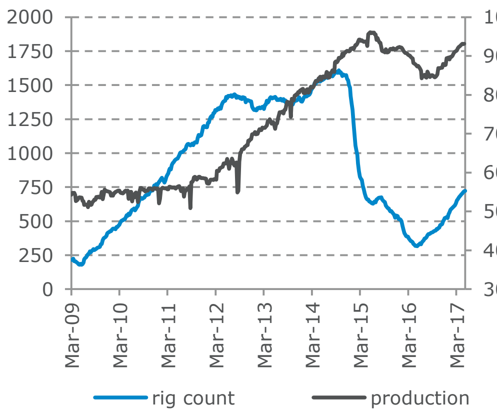
Traders raise speculative crude positions

The weekly net position changes data by the CFTC shows an increase in speculative net long positions by 31 thousand to 193 thousand in the week of May 25th after four weeks of falls, driven probably by disappointment with OPEC cuts. On Friday the number of active US drilling rigs was reported to have risen by two. **(K. Kliszcz)**

CFTC net speculative positions vs. Brent



US active oil rig count vs. production



Source: Bloomberg

Copper

Copper speculators add net long positions for second straight week

Large speculators increased their net bullish positions in copper futures for the second straight week, according to investing.com. Non-commercial futures contracts increased to 13,000 through May 23rd compared to a low of 8,081 on May 5th. http://bit.ly/2reheyR **(J. Szkopek)**

Budimex

Hold – 08/05/17
Target price: PLN 238.40

Budimex PLN 211m bid lowest in expressway tender

Budimex submitted the lowest bid out of eight with a quote of PLN 211m net on a contract to build a stretch of the S7 expressway. **Good news from Budimex; the contract accounts for about 3% of annual revenues. (P. Zybała)**

Torpol

Overweight – 12/09/16

Torpol wins PLN 73m contract

Torpol has been selected to design and build a railway stretch based on a bid of PLN 73.3m. The deadline is 31 July 2018 **The contract is a significant addition to Torpol's backlog at over 10% of annual revenue. (P. Zybała)**

Trakcja

Overweight– 12/09/16

Trakcja inks PLN 165m contract

Trakcja signed a PLN 165m design-and-build railway contract with a deadline in 31 months from the start of works. **The contract, not previously disclosed by Trakcja, has a value equivalent to more than 10% of our 2017 revenue forecast for the Company. (P. Zybała)**

More News

AB	AB has raised the cap on the planned bond program to PLN 270m.
Asseco Poland	CEO:
	- Asseco expects improved cash flow in H2
	- The 2017 cash conversion ratio will be at least the same as in 2016
	- Sapiens will resume profit growth in Q3
	- Current orders for proprietary software are worth PLN 5.4bn (9% y/y)
Berling	The Board is recommending PLN 0.15 DPS this year.
BSC Druk. Opak.	Shareholders passed PLN 0.63 DPS. The record day is 5 June, and payout is on 21 June.
Decora	Shareholders passed PLN 0.85 DPS. The record day is 5 June, and payout is on 22 June.
Dom Development	Dom Development has offered for sale 102 flats in Warsaw.
Elektrotim	Shareholders passed PLN 0.35 DPS. The record day is 14 June, and payout is on 30 June.
Fortum	Fortum is selling its 100% stake in the gas infrastructure operator Duon Dystrybucja to Infracapital, a unit of M&G Investments, in a deal expected to be finalized in Q3 2017
Fortuna Entertainment	Fortbet has raised its bid on Fortuna Entertainment Group to PLN 18.68 per share.
Gekoplast	The Board is recommending PLN 0.55 DPS in 2017 (DY 4.4%).
Herkules	Herkules is offering to repurchase 825,000 shares of treasury stock for PLN 4.2 per share through 19 June.
IAI	The Board is recommending PLN 0.12 DPS in 2017.
Impel	CEO:
	- Impel's focus right now is on growing margins
	- Impel will want to negotiate prices with customers at the end of the year amid rising costs of labor
	- Dividend payments may resume in 2019.
Insurers	Insurance companies and reinsurers will be allowed to add bond proceeds to own funds.
Introl	The Board is recommending PLN 0.4 DPS this year.
JW. Construction	JW Construction wants to build a network of aparthotels, at first in Warsaw and Gdask .
Lena Lighting	Shareholders passed PLN 0.30 DPS. The record day is 13 June, and payout is on 29 June.
Medius	Medius is guiding for 2017 net profit of PLN 16.3m and revenue of PLN 42.1m.
Mostostal Warszawa	Mostostal Warszawa has been fined PLN 300,000 by the financial regulator.
Petrolinvest	The KNF has upheld the decision to exclude Petrolinvest from WSE trading.
Real Estate	The government is proposing an 8.5% income tax rate and tax-free dividends for REITs.
Seco/Warwick	Shareholders passed PLN 0.51 DPS; the record date is 4 July and the payout is set for 18 July.
Soho Development	Soho Development is planning a PLN 250m share buyback.
Sygnity	Sygnity is going to deliver PLN 49.7m-worth of software to the Polish Post Office.
Vigo System	Shareholders passed PLN 8.24 DPS. The record day is 31 May, followed by a payout on 14 June.
Wodkan	The Board is recommending PLN 0.15 DPS in 2017.

mBank Dom Maklerski

mBank.pl

Corporate Action Calendar

Monday, 29 May 2017	
Synthos	PLN 0.50 dividend payout.
Thursday, 1 June 2017	
Asseco Poland	PLN 3.01 dividend payout.

Economic Calendar

Tuesday, 30 May 2017

Time	Region	Data	Period	Forecast	Previous
08:00	UK	Nationwide House Prices	May		-0.40% m/m
08:45	France	Consumer Confidence Index	May		103.40
08:45	France	Consumer Spending	April		-0.40% m/m; -1.00% y/y
08:45	France	GDP	Q1		0.30% q/q
11:00	EU	Business Climate Indicator	May		1.10
11:00	EU	Consumer Confidence Index	May		-4.00
11:00	EU	Economic Confidence Index	May		109.60
11:00	EU	Industrial Confidence Index	May		3.00
11:00	EU	Services Confidence Index	May		14.00
14:30	USA	Core PCE Deflator	April		-0.10% m/m; 1.60% y/y
14:30	USA	Personal Income	April		0.20% m/m
14:30	USA	Personal Spending	April		0.00% m/m
15:00	USA	S&P/Case-Shiller Composite 20	March		5.90% y/y

Wednesday, 31 May 2017

Time	Region	Data	Period	Forecast	Previous
01:50	Japan	Industrial Production (P)	April		3.50% m/m
07:00	Japan	Housing Starts	April		0.20% y/y
08:45	France	PPI	April		-0.50% m/m
10:00	Poland	GDP (F)	Q1		1.00% q/q; 4.00% y/y
10:30	UK	M4 Money Supply	April		0.30% m/m; 6.60% y/y
10:30	UK	Mortgage Approvals	April		66,840
11:00	EU	Unemployment Rate	April		9.50%
15:45	USA	Chicago PMI	May		58.30

Thursday, 1 June 2017

Time	Region	Data	Period	Forecast	Previous
03:45	China	PMI Manufacturing	April		50.30
09:00	Poland	PMI Manufacturing	May		54.10
09:55	Germany	PMI Manufacturing (F)	May		58.20
10:30	UK	PMI Manufacturing	May		57.30
14:15	USA	ADP Employment Change	May		177,000
16:00	USA	Construction Spending	April		-0.20%
16:10	USA	ISM Manufacturing	May		54.80

Friday, 2 June 2017

Time	Region	Data	Period	Forecast	Previous
11:00	EU	PPI	April		-0.30% m/m; 3.90% y/y
14:30	USA	Average Hourly Earnings	May		26.19
14:30	USA	Average Workweek Hours	May		34.40
14:30	USA	Exports	April		190.90bn
14:30	USA	Imports	April		234.69bn
14:30	USA	Manufacturing Payrolls Change	May		6,000 m/m
14:30	USA	Nonfarm Payrolls Change	May		211,000 m/m
14:30	USA	Trade Balance	April		-43.71bn

mBank Dom Maklerski

Current Recommendations by Dom Maklerski mBanku

Company	Recommendation	Date issued	Price on report date	Target price	Current price	Upside / Downside	P/E 2017	P/E 2018	EV/EBITDA 2017	EV/EBITDA 2018
Financial Sector										
ALIOR BANK	Buy	2017-03-16	71.97	90.00	69.54	+29.4%	22.1	10.4		
BZ WBK	Hold	2017-05-08	351.25	332.34	355.05	-6.4%	15.9	13.1		
GETIN NOBLE BANK	Hold	2017-03-01	2.02	2.14	1.53	+39.9%	8.1	4.2		
HANDLOWY	Accumulate	2017-01-27	79.48	85.00	73.80	+15.2%	17.4	13.7		
ING BSK	Reduce	2017-04-05	171.00	152.39	182.15	-16.3%	16.2	14.4		
MILLENNIUM	Sell	2017-05-08	7.06	5.81	7.16	-18.9%	13.7	12.0		
PEKAO	Accumulate	2017-04-05	134.60	146.10	139.60	+4.7%	16.2	15.5		
PKO BP	Reduce	2017-03-01	33.28	31.20	36.10	-13.6%	15.4	13.6		
KOMERCNI BANKA	Accumulate	2017-01-27	892.60	1,011.37 CZK	950.00	+6.5%	14.0	12.7		
ERSTE BANK	Buy	2017-01-27	28.60	35.98 EUR	33.99	+5.9%	11.8	10.5		
OTP BANK	Accumulate	2017-03-01	8,450	9,031.25 HUF	8,518	+6.0%	10.7	9.8		
PZU	Buy	2017-01-27	35.50	44.63	46.00	-3.0%	17.0	11.9		
KRUK	Sell	2017-05-08	293.85	219.64	300.55	-26.9%	19.8	17.5		
PRIME CAR MANAGEMENT	Buy	2017-01-27	34.91	46.43	34.00	+36.6%	9.8	8.9		
SKARBIEC HOLDING	Buy	2017-01-27	29.10	46.28	31.99	+44.7%	8.0	7.0		
Gas & Oil, Chemicals										
CIECH	Hold	2017-03-24	81.00	82.00	70.65	+16.1%	10.4	13.4	6.5	7.3
GRUPA AZOTY	Hold	2017-01-26	70.41	73.90	65.74	+12.4%	15.3	14.6	7.2	6.8
LOTOS	Sell	2017-03-01	48.63	36.27	55.75	-34.9%	17.5	13.6	8.4	6.3
MOL	Reduce	2016-12-20	20,620	18,970 HUF	22,090	-14.1%	13.2	11.2	5.5	5.0
PGNIG	Buy	2017-02-27	6.12	7.25	6.66	+8.9%	12.5	10.2	5.2	4.4
PKN ORLEN	Sell	2016-12-20	87.17	66.13	105.10	-37.1%	13.0	16.6	7.9	8.6
POLWAX	Buy	2017-01-13	16.60	25.95	15.10	+71.9%	6.4	6.5	5.4	6.4
SYNTHOS	Sell	2017-01-17	5.30	3.72	4.86	-23.5%	13.4	17.6	8.6	10.3
Power Utilities										
CEZ	Accumulate	2017-03-01	450.50	496.80 CZK	448.10	+10.9%	15.1	14.6	6.9	6.7
ENEA	Sell	2017-03-01	10.67	8.81	12.30	-28.4%	7.9	6.7	5.0	4.1
ENERGA	Hold	2017-01-27	10.20	9.20	10.13	-9.2%	8.3	7.7	4.6	4.6
PGE	Hold	2016-10-04	10.18	10.63	11.50	-7.6%	9.5	9.0	5.2	5.2
TAURON	Hold	2017-04-05	3.35	3.03	3.41	-11.1%	6.0	5.8	4.9	5.1
Telecoms, Media, IT										
NETIA	Accumulate	2017-01-27	4.58	4.90	4.59	+6.8%	-	-	4.7	5.1
ORANGE POLSKA	Buy	2017-03-09	4.67	6.90	4.56	+51.3%	592.9	51.3	4.6	4.4
AGORA	Accumulate	2017-01-27	12.90	13.90	15.31	-9.2%	-	-	7.0	7.0
CYFROWY POLSAT	Reduce	2017-01-27	24.65	22.30	26.65	-16.3%	18.2	15.3	7.7	7.4
WIRTUALNA POLSKA	Accumulate	2017-01-27	56.60	61.00	55.50	+9.9%	21.3	17.4	12.0	10.1
ASSECO POLAND	Reduce	2017-04-27	54.70	48.79	51.13	-4.6%	14.1	13.8	6.9	6.5
CD PROJEKT	Sell	2017-01-26	59.63	43.40	73.00	-40.5%	48.0	47.7	35.2	34.7
COMARCH	Accumulate	2017-03-01	204.80	205.00	219.95	-6.8%	22.2	18.8	9.4	8.6
Industrials, Metals										
FAMUR	Suspended	2016-11-30	4.22	-	5.45	-	-	-	-	-
KERNEL	Hold	2017-01-27	76.75	73.90	68.00	+8.7%	5.5	6.0	4.3	4.0
KĘTY	Hold	2017-01-27	416.80	387.90	424.20	-8.6%	16.0	16.3	11.0	10.3
KGHM	Accumulate	2017-04-05	120.10	132.22	110.75	+19.4%	6.6	7.3	4.4	4.4
STELMET	Accumulate	2017-01-27	32.30	33.80	27.41	+23.3%	14.1	11.0	9.4	7.4
UNIWHEELS	Accumulate	2017-01-27	236.00	258.00	247.80	+4.1%	11.0	10.9	8.7	8.7
Construction										
BUDIMEX	Hold	2017-05-08	275.65	238.40	243.00	-1.9%	15.5	17.4	7.9	9.4
ELEKTROBUDOWA	Buy	2017-05-08	120.55	146.00	120.85	+20.8%	11.7	12.4	6.1	6.2
ERBUD	Hold	2017-04-05	32.98	33.50	31.09	+7.8%	12.5	12.2	5.3	5.1
UNIBEP	Accumulate	2017-03-01	12.59	12.80	13.95	-8.2%	11.7	12.2	7.9	8.1
Property Developers										
ATAL	Buy	2017-04-10	34.89	44.10	40.40	+9.2%	8.7	8.6	7.7	7.7
CAPITAL PARK	Buy	2017-01-25	6.30	8.09	6.20	+30.5%	44.2	8.1	120.7	13.9
DOM DEVELOPMENT	Buy	2017-05-12	70.20	81.70	76.10	+7.4%	10.5	9.1	8.5	7.3
ECHO	Buy	2017-01-25	5.69	6.64	5.46	+21.6%	10.0	8.1	12.0	10.2
GTC	Accumulate	2017-01-25	8.65	9.59	9.20	+4.2%	8.2	12.0	10.6	14.8
ROBYG	Buy	2017-05-12	3.21	4.35	3.36	+29.5%	9.8	6.0	7.5	5.0
Retail										
AMREST	Accumulate	2017-01-27	347.00	367.00	340.00	+7.9%	29.2	21.6	11.5	9.1
CCC	Hold	2017-03-01	225.50	219.00	212.10	+3.3%	21.4	17.3	15.1	12.4
EUROCASH	Buy	2017-01-27	39.90	45.47	31.50	+44.3%	17.3	13.1	8.2	6.5
JERONIMO MARTINS	Hold	2017-05-08	17.09	16.90 EUR	17.38	-2.7%	23.7	21.5	12.0	11.2
LPP	Sell	2017-04-05	6,635	5,300	6,436	-17.7%	25.5	19.3	14.2	11.3
TXM	Buy	2017-03-09	5.50	6.95	4.60	+51.1%	9.1	7.3	6.4	5.4
Other										
PBKM	Accumulate	2017-04-05	60.50	70.00	59.00	+18.6%	10.1	8.4	6.9	5.8
WORK SERVICE	Suspended	2016-12-06	10.17	-	9.16	-	-	-	-	-

Current Calls by Dom Maklerski mBanku

Company	Relative Positioning	Rated on	Price at Rating	Current price	Change	P/E 2017	P/E 2018	EV/EBITDA 2017	EV/EBITDA 2018
Industrials									
ALUMETAL	Overweight	2017-04-28	64.00	62.85	-1.8%	10.0	9.1	7.7	7.0
AMICA	Neutral	2016-06-16	186.00	189.90	+2.1%	12.5	11.1	7.9	7.0
APATOR	Overweight	2017-04-28	35.05	35.20	+0.4%	15.2	13.9	9.7	9.0
BORYSZEW	Underweight	2017-01-27	11.20	11.54	+3.0%	14.3	13.7	9.1	8.6
ELEMENTAL	Overweight	2017-01-27	3.81	3.58	-6.0%	10.9	9.6	8.7	7.5
ERGIS	Overweight	2016-09-28	5.75	6.40	+11.3%	10.4	9.8	6.2	5.8
FORTE	Neutral	2016-07-20	64.97	78.50	+20.8%	17.6	16.0	13.2	12.2
KRUSZWICA	Neutral	2017-03-29	63.50	66.49	+4.7%	16.7	14.2	9.2	8.0
MANGATA	Neutral	2016-10-26	112.55	122.90	+9.2%	14.3	12.6	8.6	7.7
PFLEIDERER GROUP	Overweight	2016-02-03	23.00	43.61	+89.6%	59.8	47.9	19.5	18.5
TARCZYŃSKI	Overweight	2016-05-19	12.60	12.10	-4.0%	10.4	9.4	5.6	5.2
VISTAL	Neutral	2017-01-27	9.00	6.28	-30.2%	7.5	4.9	7.7	6.4
Construction Sector									
ELEKTROTIM	Underweight	2017-03-06	15.07	13.85	-8.1%	14.6	18.0	8.7	10.3
HERKULES	Neutral	2016-10-11	3.79	4.04	+6.6%	11.8	10.2	6.3	5.8
TORPOL	Overweight	2016-09-12	10.68	12.40	+16.1%	30.8	10.5	8.7	5.0
TRAKCJA	Overweight	2016-09-12	11.80	15.12	+28.1%	13.2	9.2	7.6	5.6
ULMA	Neutral	2016-12-12	63.50	75.50	+18.9%	18.7	12.6	4.3	3.6
ZUE	Overweight	2017-04-12	12.35	11.19	-9.4%	80.4	12.2	17.2	6.5
Property Developers									
ARCHICOM	Overweight	2017-01-10	15.24	16.65	+9.3%	9.5	7.2	8.4	6.7
BBI DEVELOPMENT	Underweight	2017-01-10	0.87	0.70	-19.5%	-	8.1	71.0	6.6
JWC	Neutral	2016-11-09	4.50	4.62	+2.7%	6.7	5.6	6.8	5.6
LC CORP	Overweight	2014-03-06	1.67	2.06	+23.4%	7.1	4.2	12.8	6.5
LOKUM DEWELOPER	Overweight	2016-10-28	13.32	15.62	+17.3%	7.0	5.8	6.6	5.1
PA NOVA	Neutral	2016-09-12	25.89	25.95	+0.2%	9.0	10.1	11.6	12.4
POLNORD	Underweight	2017-05-16	10.00	9.70	-3.0%	14.5	13.5	46.1	25.9
RONSON	Underweight	2017-03-06	1.80	1.73	-3.9%	18.5	18.1	19.8	18.5
VANTAGE DEVELOPMENT	Neutral	2017-01-10	3.30	3.68	+11.5%	8.7	6.6	11.5	9.3

CEE bank valuations (26-May-17)

		P/E			ROE			P/BV			DY		
	Price	2016	2017	2018	2016	2017	2018	2016	2017	2018	2016	2017	2018
POLISH BANKS													
Alior Bank	69.5	11.4	22.1	10.4	13%	6%	12%	1.4	1.3	1.2	0.0%	0.0%	0.0%
BZ WBK	355.1	16.2	15.9	13.1	11%	10%	11%	1.8	1.6	1.4	6.4%	0.0%	0.0%
Getin Noble Bank	1.53	-	8.1	4.2	-1%	4%	6%	0.3	0.2	0.3	0.0%	0.0%	0.0%
Handlowy	73.8	16.0	17.4	13.7	9%	8%	10%	1.4	1.4	1.4	6.3%	6.2%	5.7%
ING BSK	182.2	18.9	16.2	14.4	12%	12%	12%	2.3	1.8	1.6	2.4%	0.0%	1.5%
Millennium	7.2	12.4	13.7	12.0	10%	9%	9%	1.3	1.1	1.0	0.0%	0.0%	0.0%
Pekao	139.6	16.1	16.2	15.5	10%	10%	10%	1.6	1.6	1.5	6.1%	6.2%	6.0%
PKO BP	36.1	15.7	15.4	13.6	9%	8%	9%	1.4	1.2	1.1	0.0%	0.0%	0.0%
Median		**16.0**	**16.0**	**13.4**	**10%**	**8%**	**10%**	**1.4**	**1.4**	**1.3**	**1.2%**	**0.0%**	**0.0%**
INVESTORS IN POLISH BANKS													
BCP	0.23	-	25.3	10.4	-1%	5%	5%	0.4	0.6	0.5	0.0%	0.0%	1.3%
Citigroup	62.1	13.2	12.0	10.6	6%	7%	7%	0.8	0.8	0.7	0.7%	1.3%	1.8%
Commerzbank	9.3	15.1	19.9	13.9	2%	2%	3%	0.4	0.4	0.4	0.0%	0.0%	0.4%
ING	15.2	13.1	12.2	11.7	9%	10%	10%	1.2	1.1	1.1	4.5%	4.5%	4.8%
KBC	66.4	12.5	12.3	12.3	15%	14%	13%	1.8	1.7	1.6	4.4%	4.5%	4.7%
Santander	5.9	13.5	12.4	11.4	7%	7%	8%	0.9	0.9	0.8	3.4%	3.6%	3.9%
UCI	16.6	-	14.9	11.3	-13%	6%	6%	0.4	0.7	0.7	0.0%	1.5%	2.3%
Median		**13.2**	**12.4**	**11.4**	**6%**	**7%**	**7%**	**0.8**	**0.8**	**0.7**	**0.7%**	**1.5%**	**2.3%**
FOREIGN BANKS													
Erste Bank*	34.0	11.6	11.8	10.5	11%	10%	10%	1.2	1.1	1.0	1.5%	2.9%	2.7%
Komercni Banka*	950	13.1	14.0	12.7	13%	12%	12%	1.8	1.6	1.5	6.5%	4.2%	4.3%
OTP*	8,518	11.2	10.7	9.8	15%	14%	14%	1.6	1.5	1.3	2.1%	2.6%	2.7%
Banco Popular Espanol	0.7	-	26.7	7.0	-22%	1%	4%	0.2	0.3	0.3	0.0%	0.1%	1.0%
Deutsche Bank	16.5	15.3	14.9	10.3	-3%	2%	4%	-	-	-	0.0%	0.8%	2.4%
Sberbank	160.70	6.9	5.5	5.2	20%	21%	20%	1.3	1.1	0.9	3.0%	4.3%	5.3%
VTB Bank	0.07	22.1	13.3	9.5	3%	7%	9%	0.8	0.7	0.7	1.5%	1.5%	3.0%
Piraeus Bank	0.22	-	10.0	5.2	0%	3%	5%	0.2	0.2	0.2	0.0%	0.0%	0.9%
Alpha Bank	2.17	47.2	11.7	6.6	1%	3%	6%	0.4	0.4	0.3	0.0%	0.0%	0.0%
National Bank of Greece	0.32	-	11.9	7.4	0%	3%	5%	0.4	0.4	0.4	0.0%	0.0%	0.6%
Eurobank Ergasias	0.87	10.9	10.7	5.6	3%	3%	6%	0.3	0.3	0.3	0.0%	0.0%	0.9%
Akbank	9.56	8.2	7.6	6.7	16%	15%	15%	1.2	1.1	0.9	2.4%	2.4%	3.2%
Turkiye Garanti Bank	9.62	8.3	7.1	6.0	15%	15%	16%	1.1	1.0	0.9	1.8%	2.9%	3.3%
Turkiye Halk Bank	12.63	5.6	4.9	4.3	14%	14%	14%	0.7	0.6	0.6	1.5%	1.6%	2.2%
Turkiye Vakiflar Bankasi	6.38	6.7	7.3	5.7	13%	10%	12%	0.8	0.8	0.7	0.7%	0.7%	0.7%
Yapi ve Kredi Bankasi	4.44	6.6	6.0	5.2	12%	11%	12%	0.7	0.7	0.6	0.3%	0.4%	0.8%
Median		**10.9**	**10.7**	**6.6**	**11%**	**10%**	**11%**	**0.8**	**0.7**	**0.7**	**1.1%**	**1.1%**	**2.3%**

Insurance company valuations (26-May-17)

		P/E			ROE			P/BV			DY		
	Price	2016	2017	2018	2016	2017	2018	2016	2017	2018	2016	2017	2018
POLISH COMPANIES													
PZU	46.0	20.2	17.0	11.9	15%	17%	22%	3.1	2.8	2.5	4.5%	2.7%	4.7%
FOREIGN COMPANIES													
Vienna Insurance G.	24.4	11.4	11.7	11.3	6%	6%	6%	0.7	0.6	0.6	3.1%	3.4%	3.6%
Uniqa	7.8	20.9	11.2	10.7	5%	7%	7%	0.8	0.7	0.7	6.2%	6.6%	6.9%
Aegon	4.4	9.7	7.0	6.7	3%	6%	6%	0.4	0.4	0.4	5.9%	6.1%	6.3%
Allianz	170.4	11.4	11.0	10.4	10%	10%	10%	1.1	1.1	1.1	4.4%	4.6%	4.8%
Aviva	5.3	10.6	10.0	9.2	10%	11%	11%	1.3	1.3	1.2	4.4%	4.9%	5.3%
AXA	23.7	10.3	9.8	9.3	8%	9%	9%	0.8	0.8	0.8	4.9%	5.1%	5.4%
Baloise	147.1	13.7	12.7	12.3	9%	9%	9%	1.2	1.1	1.1	3.5%	3.7%	3.8%
Assicurazioni Generali	14.4	10.3	9.7	9.3	9%	9%	9%	0.9	0.9	0.9	5.4%	5.9%	6.2%
Helvetia	559.5	13.8	11.9	10.8	9%	10%	11%	1.1	1.1	1.1	3.6%	4.1%	4.4%
Mapfre	3.1	13.1	11.8	10.8	9%	9%	10%	1.1	1.0	1.0	4.2%	4.9%	5.3%
RSA Insurance	6.2	17.8	14.3	12.2	10%	12%	13%	1.7	1.7	1.6	2.4%	3.3%	4.5%
Zurich Financial	286.1	12.9	13.0	11.8	10%	11%	12%	1.3	1.4	1.3	6.0%	6.1%	6.3%
Median		**12.2**	**11.5**	**10.7**	**9%**	**9%**	**10%**	**1.1**	**1.1**	**1.0**	**4.4%**	**4.9%**	**5.3%**

Source: Dom Maklerski mBanku (Polish stocks and stocks marked with an asterisk), IBES/Bloomberg (foreign stocks)

Gas & Oil valuations (26-May-17)

		EV/EBITDA			EV/S			P/E			EBITDA margin			DY		
	Price	**2016**	**2017**	**2018**	**2016**	**2017**	**2018**	**2016**	**2017**	**2018**	**2016**	**2017**	**2018**	**2016**	**2017**	**2018**
OIL COMPANIES																
Lotos	55.8	5.2	8.4	6.3	0.7	0.6	0.5	10.2	17.5	13.6	14%	7%	8%	0.0%	0.0%	0.0%
MOL	22,090	5.1	5.5	5.0	0.9	0.7	0.6	8.6	13.2	11.2	17%	13%	13%	2.4%	2.6%	2.7%
PKN Orlen	105.1	5.3	7.9	8.6	0.6	0.5	0.4	8.5	13.0	16.6	12%	6%	5%	1.9%	2.3%	2.7%
HollyFrontier	24.8	10.5	6.6	5.2	0.6	0.5	0.5	49.0	17.2	10.1	6%	8%	10%	5.3%	5.4%	5.4%
Tesoro	83.5	7.9	6.0	5.1	0.6	0.5	0.5	20.4	15.8	11.9	8%	9%	11%	2.5%	2.7%	2.9%
Valero Energy	62.5	6.6	5.7	5.1	0.4	0.4	0.4	17.0	12.9	10.3	7%	7%	7%	3.8%	4.5%	4.8%
Marathon Petroleum	52.8	10.5	8.3	7.2	0.7	0.6	0.6	27.0	18.5	14.4	7%	7%	8%	2.6%	2.8%	3.0%
Phillips 66	77.4	11.7	9.1	7.5	0.6	0.5	0.4	25.2	17.8	12.5	5%	5%	6%	3.2%	3.4%	3.7%
Tupras	96.0	10.8	7.2	7.3	0.9	0.6	0.5	16.2	9.7	9.5	8%	8%	7%	5.1%	7.7%	7.6%
OMV	48.1	6.5	5.4	5.4	1.1	0.9	0.8	14.6	14.9	14.9	17%	17%	16%	2.1%	2.5%	2.6%
Neste Oil	36.8	7.2	7.9	8.0	0.9	0.8	0.8	12.4	13.8	13.6	13%	10%	9%	3.3%	3.5%	3.6%
Hellenic Petroleum	6.6	5.3	5.4	6.0	0.5	0.5	0.4	8.9	9.0	10.2	10%	9%	7%	2.9%	4.6%	4.0%
Saras SpA	2.0	3.7	3.8	4.2	0.3	0.2	0.2	11.2	11.7	14.9	7%	6%	5%	4.7%	4.5%	4.0%
Motor Oil	17.0	4.4	4.8	5.1	0.4	0.3	0.3	8.2	9.3	10.5	8%	6%	6%	4.7%	5.1%	5.4%
Median		**6.5**	**6.3**	**5.7**	**0.6**	**0.5**	**0.5**	**13.5**	**13.5**	**12.2**	**8%**	**8%**	**8%**	**3.0%**	**3.5%**	**3.6%**
GAS COMAPNIES																
A2A SpA	1.5	7.2	7.1	7.1	1.7	1.6	1.5	15.8	13.7	13.5	23%	22%	22%	3.0%	4.2%	4.5%
Centrica	203.2	6.2	6.1	5.9	0.6	0.5	0.5	12.5	12.4	11.7	9%	9%	9%	0.0%	0.0%	0.0%
Enagas	25.9	12.5	11.3	11.5	9.1	8.1	8.2	14.7	13.9	14.6	73%	72%	72%	5.4%	5.6%	5.9%
Endesa	21.9	8.3	8.3	8.2	1.4	1.4	1.4	16.9	17.1	16.8	17%	17%	17%	6.0%	6.0%	6.2%
Engie	13.2	5.8	6.1	6.1	0.9	1.0	1.0	13.3	13.7	12.9	16%	16%	16%	7.6%	5.3%	5.3%
Gas Natural SDG	21.8	8.3	8.5	8.2	1.8	1.8	1.7	16.5	16.4	15.0	21%	21%	21%	4.6%	4.6%	4.8%
Hera SpA	2.9	7.8	7.5	7.3	1.5	1.4	1.4	21.6	19.9	19.2	19%	19%	19%	3.1%	3.4%	3.4%
Snam SpA	4.1	12.9	12.5	12.4	10.3	9.9	9.8	17.4	15.6	15.2	80%	79%	79%	5.1%	5.4%	5.4%
PGNiG	6.7	6.5	5.2	4.4	1.2	1.0	0.9	16.4	12.5	10.2	18%	20%	20%	2.7%	3.6%	4.8%
BP	474.6	6.3	4.8	4.2	0.7	0.5	0.5	33.2	17.9	14.1	11%	11%	12%	0.0%	0.0%	0.0%
Eni	14.3	6.6	4.5	3.8	1.2	1.0	1.0	-	22.8	15.7	19%	23%	25%	5.6%	5.6%	5.7%
Gazprom	122.2	3.7	3.6	3.1	0.8	0.8	0.7	3.3	4.2	3.5	22%	22%	24%	6.4%	6.0%	7.2%
NovaTek	658.2	11.6	10.1	8.9	4.0	3.6	3.4	7.9	11.1	9.8	35%	36%	38%	2%	3%	3%
ROMGAZ	33.8	5.9	5.4	4.8	3.1	2.7	2.6	13.1	10.7	9.5	52%	50%	54%	6.1%	7.1%	8.1%
Shell	24.3	8.2	5.7	5.1	1.2	1.0	0.9	26.3	15.4	12.6	14%	17%	17%	8.7%	8.5%	8.6%
Statoil	149.7	35.1	22.7	20.4	10.8	8.8	8.1	-	16.8	14.0	31%	39%	40%	0.1%	0.1%	0.1%
Total	47.4	7.7	6.0	5.4	1.3	1.0	0.9	16.9	14.0	12.1	16%	17%	17%	5.8%	5.8%	5.9%
Median		**7.7**	**6.1**	**6.1**	**1.4**	**1.4**	**1.4**	**16.4**	**14.0**	**13.5**	**19%**	**21%**	**21%**	**5.1%**	**5.3%**	**5.3%**

Power generation company valuations (26-May-17)

		EV/EBITDA			EV/S			P/E			EBITDA margin			DY		
	Price	**2015**	**2016**	**2017**	**2015**	**2016**	**2017**	**2015**	**2016**	**2017**	**2015**	**2016**	**2017**	**2015**	**2016**	**2017**
ENERGY COMPANIES																
EDF	9.6	4.4	5.1	4.7	1.0	1.0	1.0	7.1	14.0	13.3	22%	20%	22%	8.2%	4.1%	4.0%
EDP	3.2	8.5	8.6	8.5	2.1	2.1	2.1	12.5	12.5	12.1	24%	24%	25%	5.9%	5.9%	6.0%
Endesa	21.9	8.3	8.3	8.2	1.4	1.4	1.4	16.9	17.1	16.8	17%	17%	17%	6.0%	6.0%	6.2%
Enel	4.8	6.9	6.7	6.4	1.4	1.4	1.4	15.0	13.6	12.3	20%	21%	21%	3.7%	4.6%	5.5%
EON	7.5	9.1	8.8	9.0	1.2	1.1	1.2	17.7	12.0	12.4	13%	13%	13%	2.9%	3.8%	4.1%
Fortum	14.2	11.6	10.0	9.9	3.4	3.1	3.0	22.7	19.7	19.5	30%	30%	30%	5.3%	6.2%	5.1%
Iberdola	7.0	10.0	9.6	9.1	2.4	2.5	2.4	17.1	16.0	15.0	24%	26%	26%	4.3%	4.6%	4.8%
National Grid	1091.0	11.7	11.1	12.7	4.2	4.0	4.2	17.7	16.3	17.1	36%	36%	33%	0.0%	0.0%	0.0%
Red Electrica	19.7	10.6	10.3	10.0	8.1	7.9	7.7	16.6	15.9	15.1	76%	77%	77%	4.4%	4.6%	5.0%
RWE	17.5	7.1	7.0	7.1	0.8	0.8	0.8	15.8	10.3	10.9	11%	12%	12%	0.9%	2.9%	3.0%
SSE	1519.0	10.2	9.8	9.7	0.8	0.8	0.8	13.0	12.4	12.8	7%	8%	8%	0.0%	0.0%	0.0%
Verbund	17.1	9.5	11.4	12.8	3.3	3.4	3.5	18.1	20.0	24.1	34%	30%	27%	1.6%	1.6%	1.6%
CEZ	448.1	6.9	6.9	6.7	2.0	1.9	1.9	16.9	15.1	14.6	29%	28%	28%	8.9%	6.3%	5.3%
PGE	11.5	3.6	5.2	5.2	0.9	1.1	1.1	8.4	9.5	9.0	26%	21%	21%	2.2%	2.1%	2.6%
Tauron	3.4	4.4	4.9	5.1	0.8	0.9	1.0	16.3	6.0	5.8	19%	19%	19%	0.0%	0.0%	0.0%
Enea	12.3	4.6	5.0	4.1	0.9	1.1	1.0	6.9	7.9	6.7	21%	21%	24%	0.0%	0.0%	0.0%
Energa	10.1	4.4	4.6	4.6	0.9	0.8	0.8	27.8	8.3	7.7	20%	18%	18%	4.8%	2.4%	2.4%
ZE PAK*	16.4	2.3	2.2	3.1	0.5	0.5	0.6	3.1	2.8	4.9	21%	21%	18%	0.0%	0.0%	0.0%
Median		**7.7**	**7.6**	**7.7**	**1.3**	**1.3**	**1.3**	**16.4**	**13.1**	**12.6**	**21%**	**21%**	**22%**	**3.3%**	**3.4%**	**3.5%**

Source: Dom Maklerski mBanku (Polish stocks), IBES/Bloomberg (foreign stocks and stocks marked with an asterisk)

Fertilizer producers and chemical companies (26-May-17)

		EV/EBITDA			EV/S			P/E			EBITDA margin			DY		
	Price	2016	2017	2018	2016	2017	2018	2016	2017	2018	2016	2017	2018	2016	2017	2018
FERTILIZER PRODUCERS																
Acron	3,115	5.2	5.6	6.4	2.4	2.0	2.0	4.8	6.1	6.3	47%	36%	31%	9.7%	4.7%	9.9%
Uralkali	139.7	-	-	-	169.1	177.3	179.4	5.5	6.2	7.3	53%	49%	46%	0.0%	0.0%	0.0%
Agrium	92.9	10.6	9.6	8.7	1.3	1.3	1.2	19.3	17.7	15.0	12%	13%	14%	3.8%	3.8%	3.9%
Phosagro	2,355	5.7	6.4	6.2	2.2	2.3	2.2	7.0	7.6	8.0	38%	36%	35%	6.6%	6.4%	6.4%
K+S	23.2	12.6	9.3	7.1	2.0	1.7	1.6	33.8	22.6	13.8	15%	18%	22%	1.7%	1.9%	2.9%
Yara International	323.0	7.2	7.2	6.1	1.1	1.0	1.0	15.5	14.8	12.1	15%	15%	16%	3.7%	3.2%	3.7%
The Mosaic Company	23.2	10.9	9.6	7.8	1.6	1.5	1.4	34.2	24.3	17.5	15%	16%	18%	4.7%	2.7%	2.8%
Potash	16.6	12.9	12.5	11.2	4.6	4.6	4.4	32.7	27.0	23.7	36%	37%	39%	5.9%	2.4%	2.4%
CF Industries	28.1	14.5	12.1	9.8	3.8	3.4	3.2	35.5	-	36.0	26%	28%	32%	4.3%	4.3%	4.3%
Israel Chemicals	1514.0	21.7	20.7	18.6	4.2	4.1	4.0	13.3	12.5	10.6	19%	20%	21%	0.0%	0.0%	0.0%
Grupa Azoty	65.7	7.7	7.2	6.8	0.9	0.9	0.9	18.4	15.3	14.6	11%	12%	13%	1.3%	1.7%	3.9%
ZA Police*	20.6	8.6	10.6	8.6	0.8	0.8	0.7	-	25.4	11.1	9%	7%	8%	0.0%	2.0%	2.4%
ZCh Puławy*	168.5	4.7	5.4	4.9	0.8	0.7	0.7	10.3	12.0	10.0	16%	13%	15%	6.2%	5.9%	7.8%
Median		**9.6**	**9.4**	**7.4**	**2.0**	**1.7**	**1.6**	**16.9**	**15.0**	**12.1**	**16%**	**18%**	**21%**	**3.8%**	**2.7%**	**3.7%**
CHEMICAL COMPANIES																
Ciech	70.7	5.5	6.5	7.3	1.4	1.4	1.3	6.3	10.4	13.4	26%	21%	18%	4.0%	5.0%	5.3%
Akzo Nobel	76.2	9.9	9.5	9.0	1.5	1.4	1.4	18.1	17.8	16.8	15%	15%	15%	2.1%	3.8%	2.9%
BASF	83.9	8.9	7.9	7.6	1.6	1.5	1.4	17.5	15.1	14.2	18%	19%	19%	3.5%	3.7%	3.9%
Croda	3962.0	16.4	14.6	13.6	4.6	4.1	4.0	25.8	23.0	21.4	28%	28%	29%	0.0%	0.0%	0.0%
Dow Chemical	61.1	9.3	8.3	7.8	1.9	1.7	1.6	16.8	15.0	13.7	20%	20%	21%	3.0%	3.2%	3.4%
Sisecam	4.8	8.6	7.1	6.7	1.7	1.5	1.4	15.0	12.5	11.7	20%	21%	21%	2.1%	2.5%	3.0%
Soda Sanayii	6.3	8.1	6.4	6.7	2.1	1.8	1.8	9.0	7.7	8.4	25%	29%	27%	6.1%	5.7%	6.8%
Solvay	117.6	7.0	7.0	6.7	1.5	1.5	1.4	14.7	14.8	13.7	21%	21%	21%	2.9%	3.0%	3.1%
Tata Chemicals	610.4	10.6	9.7	9.4	1.3	1.5	1.5	22.0	17.2	14.9	12%	15%	16%	1.8%	1.8%	1.9%
Tessenderlo Chemie	37.7	8.5	7.9	7.2	1.1	1.0	1.0	18.5	13.8	12.4	13%	13%	14%	0.0%	0.0%	0.0%
Wacker Chemie	96.7	5.8	5.9	5.8	1.1	1.2	1.2	29.5	18.5	18.6	20%	20%	20%	2.0%	3.4%	2.7%
Median		**8.6**	**7.9**	**7.3**	**1.5**	**1.5**	**1.4**	**17.5**	**15.0**	**13.7**	**20%**	**20%**	**20%**	**2.1%**	**3.2%**	**3.0%**

Machine and equipment manufacturers (26-May-17)

		EV/EBITDA			EV/S			P/E			EBITDA margin			DY		
	Price	2016	2017	2018	2016	2017	2018	2016	2017	2018	2016	2017	2018	2016	2017	2018
Atlas Copco	318.5	17.5	14.1	13.2	3.9	3.5	3.3	27.9	22.1	20.5	23%	25%	25%	2.1%	2.4%	2.4%
Caterpillar	105.7	18.5	15.8	13.7	2.4	2.3	2.2	32.5	26.3	20.5	13%	14%	16%	2.9%	2.9%	3.0%
Duro Felguera	0.92	13.9	9.2	8.7	0.6	0.5	0.5	31.7	7.9	7.2	4%	6%	6%	0.5%	1.3%	7.2%
Joy Global	28.3	17.0	14.3	12.1	1.5	1.5	1.4	-	44.7	29.0	9%	10%	11%	0.1%	0.1%	0.1%
Kopex*	3.7	-	5.7	4.3	1.0	0.9	0.9	-	-	6.5	-	15%	20%	-	-	-
Sandvig AG	135.9	13.1	11.0	10.4	2.5	2.3	2.2	25.8	19.4	17.5	19%	21%	21%	1.9%	2.3%	2.6%
Median		**17.0**	**12.5**	**11.2**	**1.9**	**1.9**	**1.8**	**29.8**	**22.1**	**19.0**	**13%**	**15%**	**18%**	**1.9%**	**2.3%**	**2.6%**

Mining company valuations (26-May-17)

		EV/EBITDA			EV/S			P/E			EBITDA margin			DY		
	Price	2016	2017	2018	2016	2017	2018	2016	2017	2018	2016	2017	2018	2016	2017	2018
POLISH COMPANIES																
KGHM	110.8	-	4.4	4.4	1.6	1.3	1.3	-	6.6	7.3	-	30%	29%	1.4%	1.4%	6.0%
FOREIGN COMPANIES																
Anglo American	1052.5	4.7	3.4	4.0	1.4	1.2	1.2	9.6	5.8	8.1	29%	35%	30%	0.0%	0.0%	0.0%
Antofagasta	824.5	6.9	5.7	5.3	3.0	2.6	2.5	29.7	21.1	18.9	44%	46%	47%	0.0%	0.0%	0.0%
BHP Billiton	24.0	13.5	7.3	7.9	5.1	4.0	4.0	-	12.3	14.3	38%	54%	51%	1.0%	2.6%	2.5%
Boliden	243.9	8.2	5.8	5.9	1.9	1.5	1.6	17.9	9.9	10.3	23%	26%	26%	1.8%	3.4%	3.4%
First Quantum	11.9	13.4	12.1	8.2	5.0	4.1	3.4	31.2	31.8	12.1	38%	34%	41%	0.1%	0.1%	0.1%
Freeport-McMoRan	11.7	6.7	6.1	5.3	2.1	2.2	2.0	34.5	11.7	8.9	32%	35%	39%	0.0%	0.0%	1.3%
Hudbay Min	7.2	6.2	4.8	4.3	2.5	2.2	2.1	37.4	10.6	7.5	41%	45%	47%	0.2%	0.2%	0.2%
Lundin Min	7.8	11.0	7.1	7.7	4.2	3.3	3.3	-	17.1	16.6	38%	46%	43%	0.0%	0.8%	1.0%
MMC Norilsk Nickel	14.4	7.6	6.7	5.9	3.6	3.2	2.9	10.2	9.2	8.1	47%	48%	50%	8.5%	10.6%	12.0%
OZ Minerals	7.3	4.0	3.4	4.2	1.9	1.7	1.8	19.1	13.8	20.7	46%	49%	44%	2.1%	2.0%	2.0%
Rio Tinto	3190.0	5.8	4.1	4.9	2.2	1.9	2.1	15.3	8.9	11.9	38%	46%	42%	0.0%	0.0%	0.0%
Sandfire Resources	6.1	5.4	4.2	3.7	2.0	1.8	1.7	17.3	11.5	8.2	36%	43%	46%	1.7%	2.6%	3.3%
Southern CC	34.9	14.4	10.4	9.4	5.9	5.1	4.7	31.0	19.6	17.3	41%	49%	50%	0.5%	1.3%	2.3%
Vedanta Resources	646.0	7.4	5.3	4.3	1.6	1.5	1.2	-	14.2	5.7	21%	28%	29%	0.0%	0.0%	0.0%
Median		**7.1**	**5.8**	**5.3**	**2.3**	**2.2**	**2.1**	**19.1**	**12.0**	**11.1**	**38%**	**45%**	**44%**	**0.1%**	**0.5%**	**1.1%**

Source: Dom Maklerski mBanku (Polish stocks), IBES/Bloomberg (foreign stocks and stocks marked with an asterisk)

European telecom valuations (26-May-17)

	Price	EV/EBITDA 2016	EV/EBITDA 2017	EV/EBITDA 2018	EV/S 2016	EV/S 2017	EV/S 2018	P/E 2016	P/E 2017	P/E 2018	EBITDA margin 2016	EBITDA margin 2017	EBITDA margin 2018	DY 2016	DY 2017	DY 2018
POLISH COMPANIES																
Netia	4.6	4.1	4.7	5.1	1.2	1.3	1.3	47.6	-	-	28%	27%	26%	10.4%	4.4%	4.4%
Orange Polska	4.6	9.4	4.6	4.4	1.1	1.2	1.1	-	-	51.3	12%	26%	26%	5.5%	0.0%	0.0%
Median		**6.8**	**4.6**	**4.7**	**1.1**	**1.2**	**1.2**	**47.6**	**-**	**51.3**	**20%**	**26%**	**26%**	**8%**	**2.2%**	**2.2%**
MID CAPS																
Proximus	32.8	7.4	7.3	7.2	2.2	2.2	2.2	18.6	17.7	17.3	30%	31%	31%	4.6%	4.6%	4.6%
Telefonica CP	276.7	8.7	8.8	8.7	2.4	2.4	2.4	16.4	16.4	15.8	28%	27%	27%	6.8%	6.7%	6.7%
Hellenic Telekom	10.4	4.5	4.5	4.5	1.5	1.5	1.5	21.9	20.1	17.2	34%	34%	34%	1.2%	1.9%	2.5%
Matav	462.0	4.7	4.9	4.8	1.5	1.6	1.6	9.5	14.2	13.1	33%	32%	32%	5.4%	6.4%	7.8%
Telecom Austria	7.2	5.5	5.4	5.3	1.8	1.7	1.7	16.1	15.6	14.7	32%	32%	32%	2.8%	2.5%	2.6%
Median		**5.5**	**5.4**	**5.3**	**1.8**	**1.7**	**1.7**	**16.4**	**16.4**	**15.8**	**32%**	**32%**	**32%**	**4.6%**	**4.6%**	**4.6%**
BIG CAPS																
BT	313.8	6.5	5.6	5.5	2.3	1.8	1.8	10.0	11.0	10.9	35%	32%	32%	0.0%	0.0%	0.0%
DT	17.9	6.7	6.3	6.1	2.0	1.9	1.8	20.9	20.4	17.5	30%	29%	30%	3.4%	3.6%	4.0%
KPN	3.0	8.3	8.3	8.2	3.0	3.0	3.0	33.0	27.6	23.8	36%	36%	37%	9.7%	4.2%	4.7%
Orange	15.7	5.4	5.3	5.3	1.7	1.7	1.6	15.6	15.2	14.2	31%	31%	31%	3.8%	4.2%	4.5%
Swisscom	465.3	7.6	7.7	7.7	2.8	2.8	2.8	16.0	16.4	16.4	37%	36%	36%	4.7%	4.7%	4.7%
Telefonica S.A.	10.1	6.9	6.5	6.3	2.1	2.1	2.0	16.0	13.1	11.6	31%	32%	32%	5.5%	4.1%	4.2%
Telia Company	39.7	9.1	9.2	9.0	2.8	2.9	2.9	13.2	12.8	12.5	31%	32%	32%	5.1%	5.2%	5.2%
TI	0.9	5.8	5.4	5.3	2.4	2.3	2.3	11.6	12.3	11.0	42%	43%	44%	0.0%	0.0%	0.5%
Median		**6.8**	**6.4**	**6.2**	**2.3**	**2.2**	**2.2**	**15.8**	**14.2**	**13.3**	**33%**	**32%**	**32%**	**4.3%**	**4.1%**	**4.3%**

Media company valuations (26-May-17)

	Price	EV/EBITDA 2016	EV/EBITDA 2017	EV/EBITDA 2018	EV/S 2016	EV/S 2017	EV/S 2018	P/E 2016	P/E 2017	P/E 2018	EBITDA margin 2016	EBITDA margin 2017	EBITDA margin 2018	DY 2016	DY 2017	DY 2018
POLISH COMPANIES																
Agora	15.3	6.7	7.0	7.0	0.6	0.6	0.6	-	-	-	10%	9%	9%	5.0%	3.9%	4.9%
Cyfrowy Polsat	26.7	7.8	7.7	7.4	2.9	2.8	2.6	16.4	18.2	15.3	37%	36%	36%	0.0%	1.3%	1.8%
Median		**7.2**	**7.3**	**7.2**	**1.8**	**1.7**	**1.6**	**16.4**	**18.2**	**15.3**	**0.2**	**0.2**	**0.2**	**0.0**	**0.0**	**0.0**
DAILY																
Arnolgo Mondadori	1.7	8.0	7.1	6.9	0.6	0.6	0.6	17.1	14.0	11.9	7%	8%	9%	0.0%	1.6%	2.0%
Axel Springer	56.7	13.2	12.1	11.1	2.3	2.3	2.2	23.8	22.4	20.4	18%	19%	20%	3.2%	3.4%	3.6%
Daily Mail	702.0	10.2	10.8	10.7	1.8	1.9	1.9	13.3	13.1	12.2	17%	17%	18%	0.0%	0.0%	0.0%
Gruppo Editorial	0.8	6.4	5.5	5.0	0.6	0.5	0.5	20.5	16.8	13.1	9%	9%	10%	1.7%	2.1%	3.0%
New York Times	17.3	13.1	12.3	11.9	2.0	1.9	1.9	33.4	28.7	26.5	15%	15%	16%	0.9%	0.9%	0.9%
Promotora de Inform	3.4	7.0	6.4	5.9	1.4	1.4	1.3	5.9	5.2	4.4	20%	21%	22%	-	0.0%	-
SPIR Comm	3.5	45.9	9.0	5.7	0.2	0.2	0.2	-	-	15.2	0%	2%	3%	-	-	-
Trinity Mirror	108.0	2.3	2.4	2.4	0.5	0.5	0.6	3.0	3.2	3.2	21%	23%	23%	0.0%	0.0%	0.0%
Median		**9.1**	**8.1**	**6.4**	**1.0**	**1.0**	**1.0**	**17.1**	**14.0**	**12.7**	**16%**	**16%**	**17%**	**0.5%**	**0.9%**	**1.5%**
TV																
Atresmedia Corp	11.4	13.5	12.0	10.9	2.7	2.6	2.5	18.7	16.1	14.5	20%	21%	23%	4.5%	5.9%	5.9%
Gestevision Telecinco	12.2	16.3	14.5	13.3	4.0	3.9	3.7	22.7	19.6	17.9	24%	27%	28%	4.4%	4.7%	5.3%
ITV PLC	200.2	9.8	9.9	9.5	2.8	2.8	2.7	12.3	12.4	11.9	29%	29%	29%	0.0%	0.0%	0.0%
M6-Metropole Tel	21.1	9.1	7.6	7.1	2.0	1.8	1.7	22.4	18.7	17.5	22%	24%	24%	4.1%	4.3%	4.4%
Mediaset SPA	3.8	17.3	6.9	6.3	1.6	1.6	1.7	-	31.3	18.1	10%	23%	26%	0.5%	2.2%	3.5%
Modern Times	300.3	14.9	13.2	11.8	1.3	1.3	1.2	23.0	20.9	18.5	9%	10%	10%	3.9%	4.1%	4.2%
Prosieben	38.0	10.7	9.9	9.3	2.9	2.6	2.4	15.8	15.0	13.8	27%	26%	26%	5.1%	5.3%	5.8%
RTL Group	68.9	8.5	8.4	8.1	1.9	1.8	1.8	14.2	13.9	13.4	23%	22%	22%	5.8%	6.0%	5.8%
TF1-TV Francaise	11.5	7.4	6.6	6.9	1.0	1.0	1.0	31.9	18.7	20.7	14%	16%	15%	2.9%	3.1%	3.1%
Median		**10.3**	**9.2**	**8.7**	**1.9**	**1.8**	**1.8**	**22.4**	**18.7**	**17.7**	**22%**	**24%**	**25%**	**4.0%**	**4.2%**	**4.3%**
PAY TV																
Sky PLC	997.0	10.2	10.7	9.7	1.9	1.7	1.7	15.9	18.0	15.3	19%	16%	17%	0.0%	0.0%	0.0%
Cogeco	77.8	6.9	6.8	6.7	3.1	3.1	3.0	15.1	13.1	12.7	45%	45%	45%	2.0%	2.2%	2.4%
Comcast	40.9	9.6	9.1	8.5	3.2	3.0	2.8	23.5	20.8	18.6	33%	33%	33%	1.3%	1.5%	1.7%
Dish Network	64.1	13.1	13.6	14.6	2.7	2.8	2.9	21.4	23.6	26.3	21%	21%	20%	0.0%	0.0%	0.0%
Liberty Global	31.1	9.1	10.9	10.1	4.3	5.0	4.8	-	-	37.9	47%	46%	47%	0.0%	0.0%	0.0%
Shaw Communications	21.2	7.4	7.3	7.0	3.2	3.0	2.9	19.3	21.7	20.3	44%	41%	41%	7.5%	7.5%	7.7%
Median		**9.4**	**9.9**	**9.1**	**3.2**	**3.0**	**2.9**	**19.3**	**20.8**	**19.4**	**38%**	**37%**	**37%**	**0.7%**	**0.8%**	**0.8%**

Source: Dom Maklerski mBanku (Polish stocks), IBES/Bloomberg (foreign stocks)

IT company valuations (26-May-17)

	Price	EV/EBITDA 2016	EV/EBITDA 2017	EV/EBITDA 2018	EV/S 2016	EV/S 2017	EV/S 2018	P/E 2016	P/E 2017	P/E 2018	EBITDA margin 2016	EBITDA margin 2017	EBITDA margin 2018	DY 2016	DY 2017	DY 2018
POLISH COMPANIES																
AB*	35.1	8.1	7.3	7.0	0.1	0.1	0.1	9.0	8.2	7.7	2%	2%	2%	2.3%	3.0%	3.0%
Action*	3.4	-	3.8	-	0.1	0.0	-	2.4	1.8	-	-	1%	-	29.9%	30.7%	-
Asseco Poland	51.1	7.0	6.9	6.5	0.9	0.9	0.9	14.1	14.1	13.8	13%	13%	13%	5.9%	5.9%	5.9%
Comarch*	220.0	9.8	9.4	8.6	1.6	1.4	1.3	24.7	22.2	18.8	16%	14%	15%	0.0%	0.7%	4.5%
Sygnity*	5.7	4.3	4.3	4.1	0.2	0.2	0.2	6.6	6.6	28.5	6%	6%	6%	-	-	-
Median		**7.6**	**6.9**	**6.7**	**0.2**	**0.2**	**0.6**	**9.0**	**8.2**	**16.3**	**10%**	**6%**	**10%**	**4.1%**	**4.5%**	**4.5%**
FOREIGN COMPANIES																
Atos Origin	123.2	9.1	8.0	7.5	1.1	1.0	1.0	17.4	14.8	13.7	12%	13%	13%	1.1%	1.5%	1.6%
CapGemini	92.7	10.3	9.7	9.1	1.4	1.3	1.3	17.4	15.7	14.3	13%	14%	14%	1.6%	1.8%	1.9%
IBM	152.5	9.5	9.2	8.9	2.2	2.3	2.3	11.3	11.1	10.9	23%	25%	25%	3.6%	3.8%	3.9%
Indra Sistemas	12.2	12.6	10.0	8.6	1.1	1.0	0.9	24.3	16.5	12.8	8%	10%	11%	0.0%	0.9%	1.6%
Microsoft	70.0	14.2	13.0	11.8	5.3	5.0	4.7	26.2	23.3	21.2	37%	39%	40%	2.0%	2.2%	2.4%
Oracle	45.3	10.4	10.4	9.9	4.7	4.7	4.5	17.2	17.2	16.0	45%	45%	46%	1.3%	1.4%	1.6%
SAP	94.8	15.5	15.9	14.7	5.5	5.0	4.7	25.0	22.4	20.4	35%	32%	32%	1.3%	1.4%	1.6%
TietoEnator	29.2	11.2	11.3	10.6	1.5	1.4	1.4	18.7	17.4	16.6	13%	13%	13%	4.4%	4.6%	4.9%
Median		**10.8**	**10.2**	**9.5**	**1.9**	**1.9**	**1.8**	**18.1**	**16.9**	**15.1**	**18%**	**19%**	**20%**	**1.4%**	**1.6%**	**1.8%**

Construction company valuations (26-May-17)

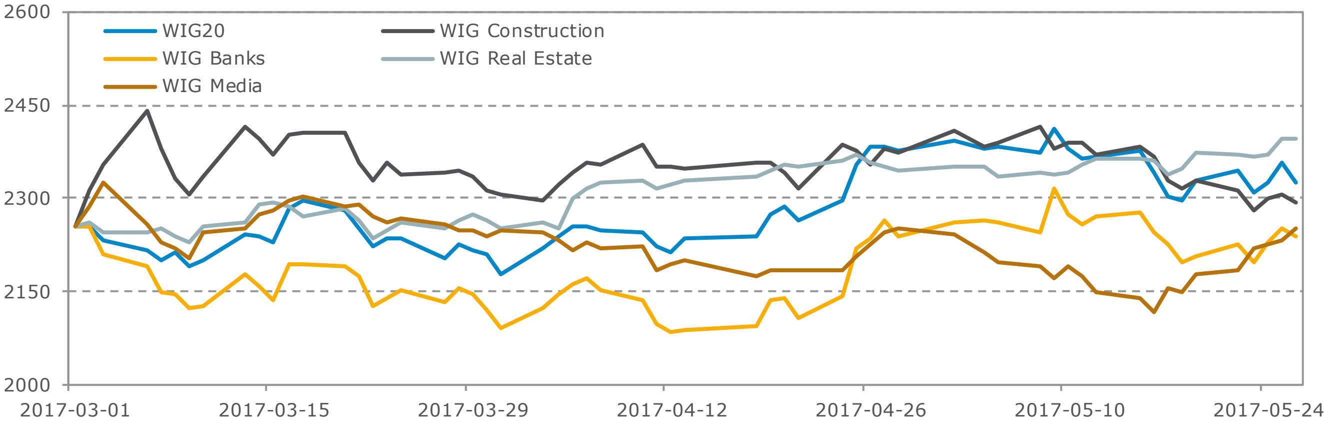
	Price	EV/EBITDA 2016	EV/EBITDA 2017	EV/EBITDA 2018	EV/S 2016	EV/S 2017	EV/S 2018	P/E 2016	P/E 2017	P/E 2018	EBITDA margin 2016	EBITDA margin 2017	EBITDA margin 2018	DY 2016	DY 2017	DY 2018
POLISH COMPANIES																
Budimex	243.0	6.7	7.9	9.4	0.6	0.6	0.7	15.1	15.5	17.4	10%	8%	7%	3.3%	6.2%	6.3%
Elektrobudowa	120.9	6.3	6.1	6.2	0.5	0.5	0.5	10.4	11.7	12.4	8%	8%	7%	3.3%	8.3%	5.1%
Elektrotim	13.9	24.0	8.7	10.3	0.5	0.5	0.5	-	14.6	18.0	2%	6%	5%	9.0%	2.5%	5.8%
Erbud	31.1	4.5	5.3	5.1	0.1	0.2	0.2	-	12.5	12.2	3%	3%	3%	3.9%	3.8%	4.0%
Herkules	4.0	7.4	6.3	5.8	2.1	2.0	1.9	17.1	11.8	10.2	28%	31%	32%	4.0%	3.2%	4.0%
Torpol	12.4	6.6	8.7	5.0	0.3	0.4	0.2	27.6	30.8	10.5	4%	4%	5%	5.6%	3.5%	2.6%
Trakcja	15.1	7.8	7.6	5.6	0.5	0.5	0.4	14.2	13.2	9.2	7%	6%	6%	2.2%	2.6%	3.3%
Ulma Construccion	75.5	5.0	4.3	3.6	1.8	1.6	1.4	30.8	18.7	12.6	36%	36%	39%	0.0%	7.2%	3.3%
Unibep	14.0	11.9	7.9	8.1	0.4	0.3	0.3	15.5	11.7	12.2	3%	4%	4%	1.2%	1.4%	2.7%
ZUE	11.2	16.8	17.2	6.5	0.5	0.5	0.3	-	-	12.2	3%	3%	5%	2.9%	0.0%	0.6%
Median		**7.1**	**7.7**	**6.0**	**0.5**	**0.5**	**0.4**	**15.5**	**13.2**	**12.2**	**6%**	**6%**	**6%**	**3.3%**	**3.4%**	**3.6%**
FOREIGN COMPANIES																
Acciona	83.4	9.0	8.3	7.9	1.8	1.7	1.6	30.8	18.3	16.3	20%	20%	20%	3.1%	3.4%	3.7%
Astaldi	5.6	4.3	4.4	4.3	0.5	0.5	0.5	5.8	5.5	5.1	13%	12%	11%	3.6%	4.1%	4.4%
Ferrovial	20.2	22.9	21.2	21.0	2.0	1.8	1.8	47.8	37.7	34.7	9%	8%	9%	3.6%	3.8%	3.9%
Hochtief	163.2	9.9	9.0	8.5	0.5	0.5	0.4	30.1	24.8	22.8	5%	5%	5%	1.4%	1.9%	2.1%
Mota Engil	2.7	6.5	5.8	5.3	0.9	0.9	0.8	10.7	14.9	9.7	14%	15%	16%	1.9%	2.2%	4.7%
NCC	243.7	11.8	9.0	9.2	0.5	0.5	0.5	23.1	16.2	16.4	4%	5%	5%	3.1%	3.7%	4.0%
Skanska	205.4	8.6	9.2	9.3	0.5	0.5	0.5	13.9	14.8	15.2	6%	5%	5%	3.9%	4.1%	4.2%
Strabag	37.5	4.4	4.5	4.4	0.3	0.3	0.3	15.6	14.9	13.7	7%	6%	7%	2.7%	2.9%	3.2%
Median		**8.8**	**8.7**	**8.2**	**0.5**	**0.5**	**0.5**	**19.4**	**15.5**	**15.7**	**8%**	**7%**	**8%**	**3.1%**	**3.6%**	**3.9%**

Real-estate developers (26-May-17)

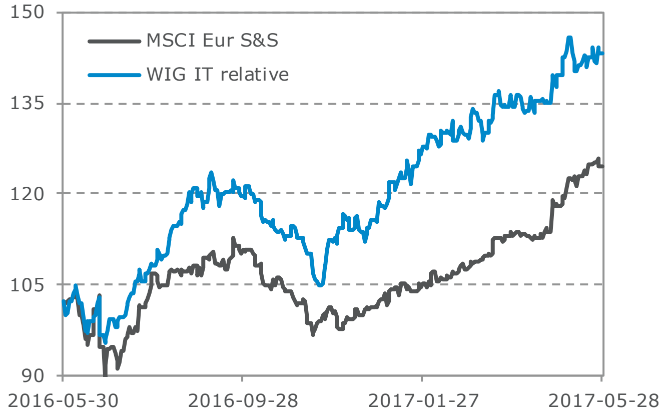
	Price	EV/EBITDA 2016	EV/EBITDA 2017	EV/EBITDA 2018	P/BV 2016	P/BV 2017	P/BV 2018	P/E 2016	P/E 2017	P/E 2018	EBITDA margin 2016	EBITDA margin 2017	EBITDA margin 2018	DY 2016	DY 2017	DY 2018
POLISH COMPANIES																
BBI Development	0.7	-	-	6.6	0.3	0.3	0.3	-	-	8.1	2%	11%	17%	0.0%	0.0%	0.0%
Dom Development	76.1	11.3	8.5	7.3	2.0	1.9	1.9	15.0	10.5	9.1	14%	17%	18%	4.3%	6.6%	9.5%
Echo Investment	5.5	4.3	12.0	10.2	1.5	1.3	1.2	5.8	10.0	8.1	127%	68%	54%	109%	3%	9.2%
GTC	9.2	11.3	10.6	14.8	1.3	1.1	1.1	6.4	8.2	12.0	129%	122%	79%	0.0%	0.2%	0.1%
J.W. Construction	4.6	12.6	6.8	5.6	0.6	0.6	0.5	16.4	6.7	5.6	11%	19%	19%	0.0%	0.0%	0.0%
PA Nova	26.0	13.1	11.6	12.4	0.8	0.8	0.8	9.7	9.0	10.1	27%	30%	27%	2.9%	2.9%	5.8%
Polnord	9.7	-	46.1	25.9	0.4	0.4	0.4	-	14.5	13.5	-	4%	7%	0.0%	0.0%	0.0%
Robyg	3.4	10.4	7.5	5.0	1.6	1.5	1.3	8.1	9.8	6.0	24%	21%	22%	6.0%	8.0%	8.0%
Ronson	1.7	5.2	19.8	18.5	0.8	0.8	0.8	4.4	18.5	18.1	18%	10%	12%	4.6%	11.0%	5.8%
Median		**11.3**	**11.1**	**10.2**	**0.8**	**0.8**	**0.8**	**8.1**	**9.9**	**9.1**	**21%**	**19%**	**19%**	**3%**	**3%**	**6%**
FOREIGN COMPANIES																
Atrium European RE	3.9	15.5	15.0	14.4	0.7	0.7	0.7	13.0	12.6	11.9	76%	59%	80%	6.8%	6.8%	7.0%
CA Immobilien Anlagen	21.8	22.6	20.6	19.1	0.9	0.9	0.9	24.5	20.7	18.5	91%	71%	78%	2.6%	3.2%	3.6%
Deutsche Euroshop AG	37.2	20.1	19.3	18.7	1.0	1.0	1.0	15.9	14.5	14.5	89%	88%	88%	3.8%	3.9%	4.0%
Immofinanz AG	2.1	69.0	-	38.2	0.7	0.8	0.8	-	-	24.4	37%	25%	45%	2.9%	2.8%	2.9%
Klepierre	37.0	23.6	22.2	21.5	1.1	1.0	1.0	16.3	15.7	14.8	80%	83%	83%	4.8%	5.1%	5.4%
Segro	490.7	29.9	26.0	23.4	1.0	1.0	0.9	26.2	25.6	23.3	75%	76%	76%	0.0%	0.0%	0.0%
Unibail Rodamco SE	232.0	26.3	25.6	24.8	1.3	1.2	1.1	20.6	19.5	18.5	88%	88%	87%	4.4%	4.6%	4.9%
Median		**23.6**	**21.4**	**21.5**	**1.0**	**1.0**	**0.9**	**18.5**	**17.6**	**18.5**	**80%**	**76%**	**80%**	**3.8%**	**3.9%**	**4.0%**

Source: Dom Maklerski mBanku (Polish stocks), IBES/Bloomberg (foreign stocks and stocks marked with an asterisk)

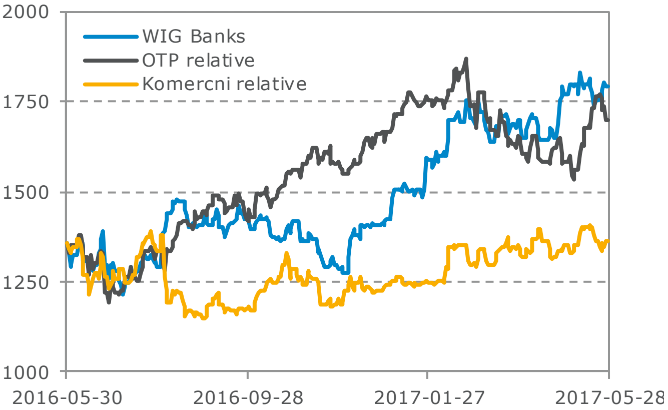
WIG sector index performance



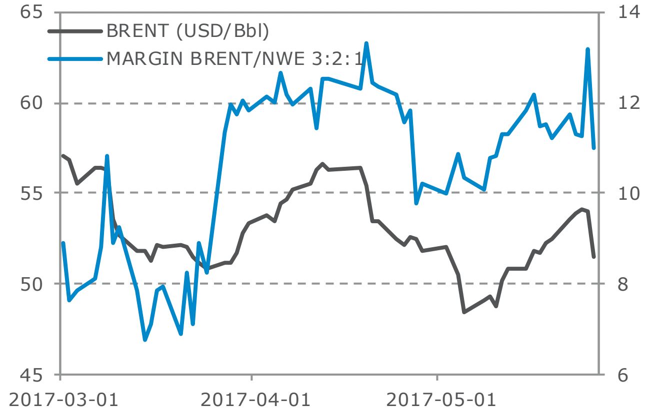
WIG IT vs. MSCI Europe Software & Services (USD)



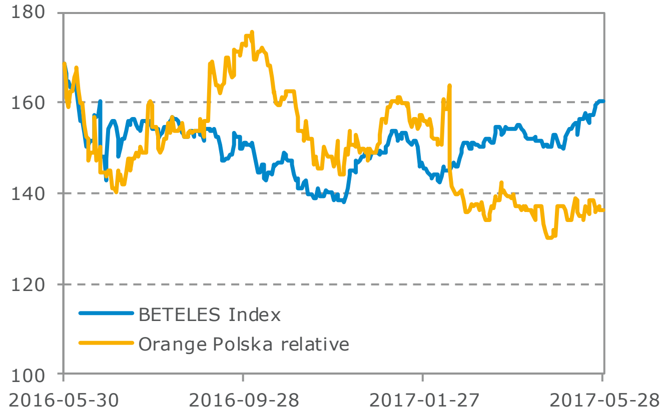
OTP and KOMB vs. WIG Banks (EUR)



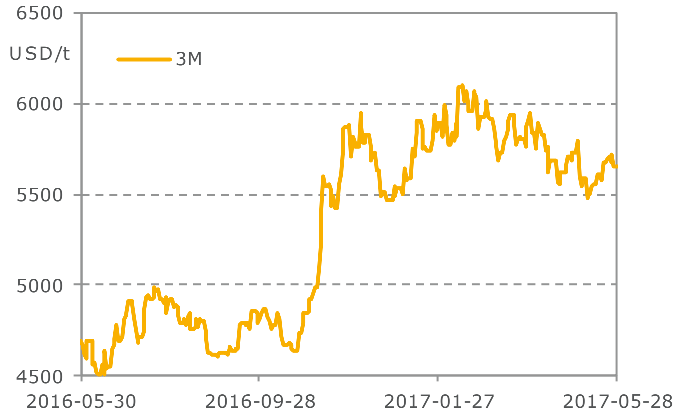
Brent price and Brent/NWE 3:2:1 crack spread (USD, rhs)



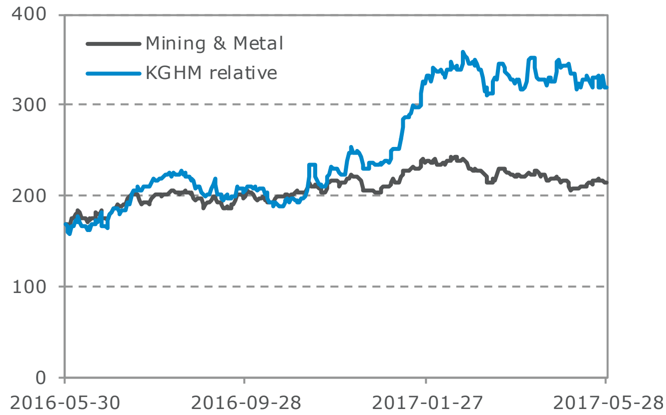
Orange Polska vs. BETELES (EUR)



LME copper prices



KGHM vs. sector (USD)

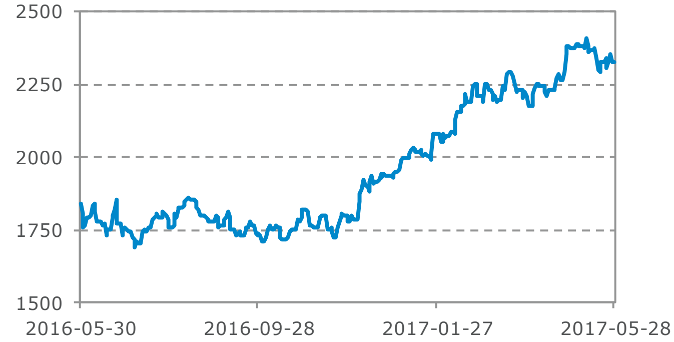


Source: Bloomberg

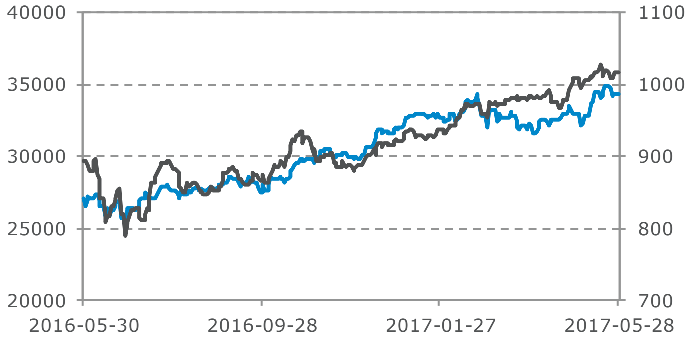
Global Market Overview

Index	Date	Open	Maximum	Minimum	Close	Change
DJIA	2017-05-26	21,070.15	21,092.82	21,050.49	21,080.28	-0.01%
S&P 500	2017-05-26	2,414.50	2,416.68	2,412.20	2,415.82	+0.03%
NASDAQ	2017-05-26	6,207.04	6,211.52	6,196.66	6,210.19	+0.08%
DAX	2017-05-26	12,604.40	12,611.49	12,529.51	12,602.18	-0.15%
CAC 40	2017-05-26	5,328.86	5,336.76	5,282.42	5,336.64	-0.01%
FTSE 100	2017-05-26	7,517.71	7,554.21	7,514.39	7,547.63	+0.40%
WIG20	2017-05-26	2,353.12	2,354.58	2,326.28	2,326.28	-1.36%
BUX	2017-05-26	34,350.01	34,522.33	34,135.57	34,358.93	+0.03%
PX	2017-05-26	1,010.22	1,016.24	1,008.26	1,016.24	+0.62%
RTS	2017-05-26	1,463.12	1,463.12	1,446.33	1,450.27	-1.73%
SOFIX	2017-05-26	658.50	661.95	658.50	659.50	+0.15%
BET	2017-05-26	8,591.60	8,650.43	8,584.20	8,647.49	+0.67%
XU100	2017-05-26	97,734.44	97,988.15	97,177.54	97,533.28	-0.18%
BETELES	2017-05-26	159.86	160.45	159.58	160.44	+0.13%
NIKKEI	2017-05-26	19,798.49	19,801.59	19,686.49	19,686.84	-0.64%
SHCOMP	2017-05-26	3,101.29	3,120.66	3,100.39	3,110.06	+0.07%
Copper (LME)	2017-05-26	5,724.00	5,738.50	5,631.50	5,657.50	-1.16%
Crude Oil (Brent)	2017-05-26	50.94	51.83	50.28	51.75	+1.79%
USD/PLN	2017-05-26	3.7252	3.7488	3.7162	3.7395	+0.39%
EUR/PLN	2017-05-26	4.1758	4.1882	4.1688	4.1801	+0.10%
EUR/USD	2017-05-26	1.1210	1.1235	1.1161	1.1183	-0.24%
USBonds10	2017-05-26	2.2536	2.2536	2.2290	2.2465	-0.0089
GRBonds10	2017-05-26	0.3610	0.3640	0.3240	0.3310	-0.0310
PLBonds10	2017-05-26	3.3350	3.3360	3.2680	3.2810	-0.0550

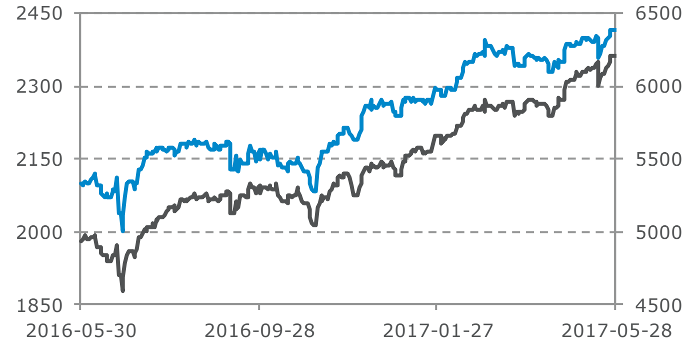
WIG20 Index



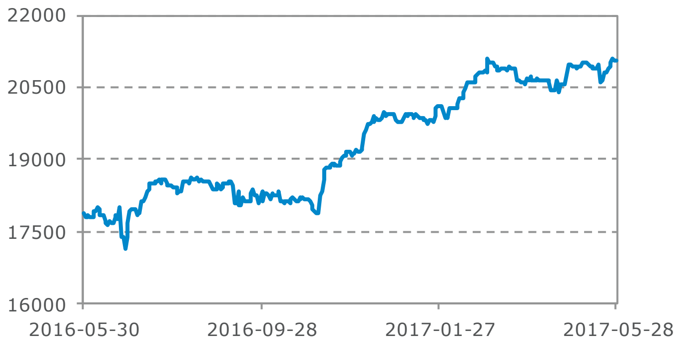
BUX Index PX Index



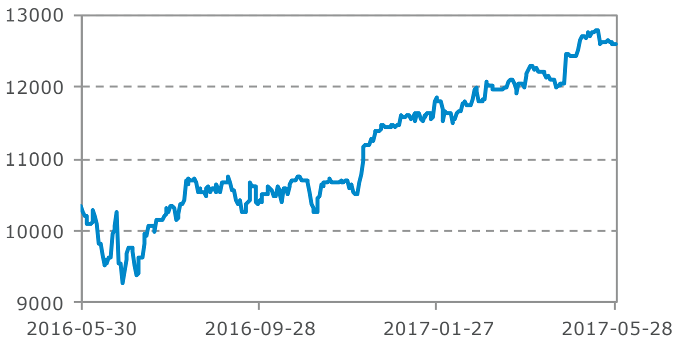
S&P 500 (SPX Index) NASDAQ (CCMP Index)



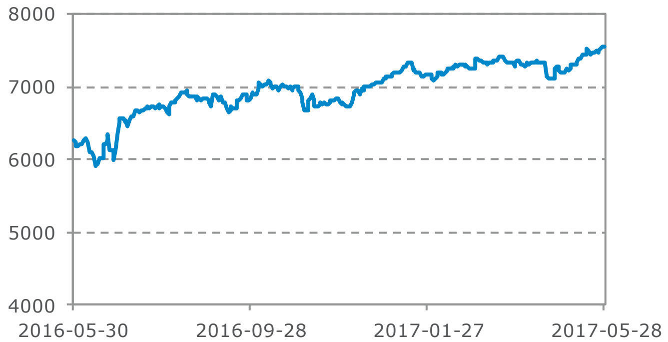
DOW JONES (INDU Index)



DAX Index

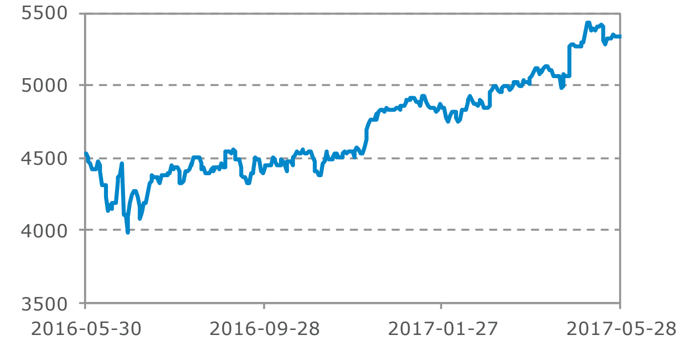


FTSE 100 (UKX Index)

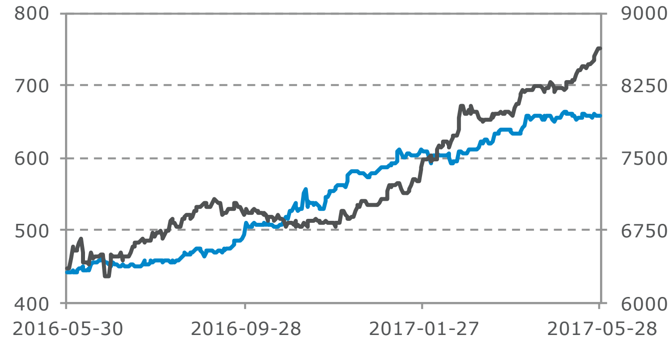


Source: Bloomberg

CAC 40 Index



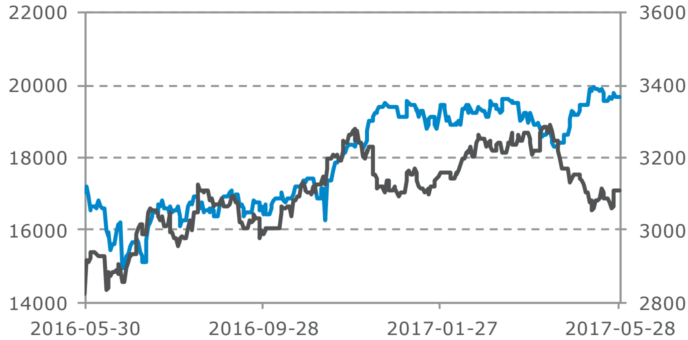
SOFIX Index **BET Index**



RTS (CRTX Index)

XU100 Index

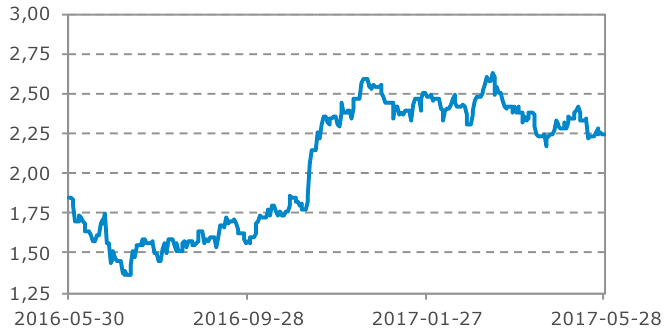
NIKKEI (NKY Index) **SHCOMP Index**

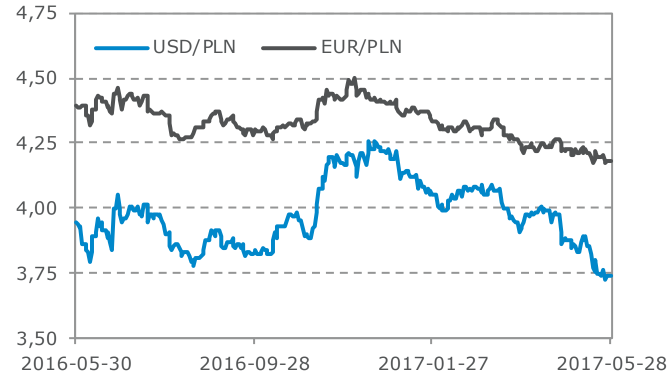


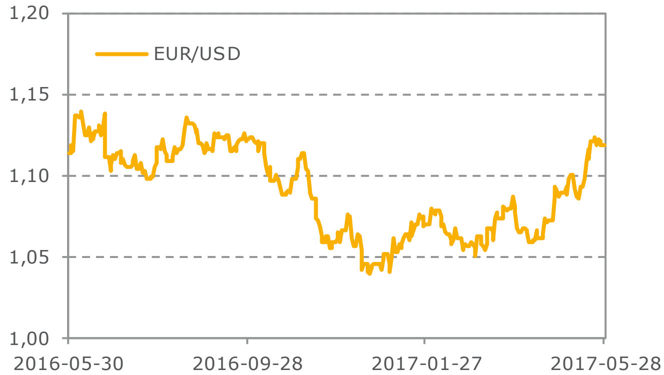
Polish 10Y Yield

German 10Y Yield

US 10Y Yield







Source: Bloomberg

List of abbreviations and ratios contained in the report.
EV – net debt + market value (EV – economic value)
EBIT – Earnings Before Interest and Taxes
EBITDA – EBIT + Depreciation and Amortisation
PBA – Profit on Banking Activity
P/CE – price to earnings with amortisation
MC/S – market capitalisation to sales
EBIT/EV – operating profit to economic value
P/E – (Price/Earnings) – price divided by annual net profit per share
ROE – (Return on Equity) – annual net profit divided by average equity
P/BV – (Price/Book Value) – price divided by book value per share
Net debt – credits + debt papers + interest bearing loans – cash and cash equivalents
EBITDA margin – EBITDA/Sales

OVERWEIGHT (OW) – a rating which indicates that we expect a stock to outperform the broad market
NEUTRAL (N) – a rating which indicates that we expect the stock to perform in line with the broad market
UNDERWEIGHT (UW) – a rating which indicates that we expect the stock to underperform the broad market

Recommendations of Dom Maklerski mBanku :
A recommendation is valid for a period of 6-9 months, unless a subsequent recommendation is issued within this period. Expected returns from individual recommendations are as follows:
BUY – we expect that the rate of return from an investment will be at least 15%
ACCUMULATE – we expect that the rate of return from an investment will range from 5% to 15%
HOLD – we expect that the rate of return from an investment will range from –5% to +5%
REDUCE – we expect that the rate of return from an investment will range from -5% to -15%
SELL – we expect that an investment will bear a loss greater than 15%
Recommendations are updated at least once every nine months.

mBank S.A. with its registered office in Warsaw at Senatorska 18 renders brokerage services in the form of derived organisational unit—Brokerage Office which uses name Dom Maklerski mBanku.

The present report expresses the knowledge as well as opinions of the authors on day the report was prepared. The opinions and estimates contained herein constitute our best judgment at this date and time, and are subject to change without notice. The present report was prepared with due care and attention, observing principles of methodological correctness and objectivity, on the basis of sources available to the public, which Dom Maklerski mBanku considers reliable, including information published by issuers, shares of which are subject to recommendations. However, Dom Maklerski mBanku, in no case, guarantees the accuracy and completeness of the report, in particular should sources on the basis of which the report was prepared prove to be inaccurate, incomplete or not fully consistent with the facts.

This document does not constitute an offer or invitation to subscribe for or purchase any financial instruments and neither this document nor anything contained herein shall form the basis of any contract or commitment whatsoever. It is being furnished to you solely for your information and may not be reproduced or redistributed to any other person. This document nor any copy hereof is not to be distributed directly or indirectly in the United States, Australia, Canada or Japan.

Recommendations are based on essential data from the entire history of a company being the subject of a recommendation, with particular emphasis on the period since the previous recommendation.

Investing in shares is connected with a number of risks including, but not limited to, the macroeconomic situation of the country, changes in legal regulations as well as changes on commodity markets. Full elimination of these risks is virtually impossible.

mBank S.A. bears no responsibility for investment decisions taken on the basis of the present report or for any damages incurred as a result of investment decisions taken on the basis of the present report.

It is possible that mBank S.A. in its brokerage activity renders, will render or in the past has rendered services for companies and other entities mentioned in the present report.

mBank S.A. does not rule out offering brokerage services to an issuer of securities being the subject of a recommendation. Information about any conflicts of interest that may arise in connection with the issuance of recommendations (should such a conflict exist) is provided below, and it is valid as of the date of the most recent Monthly Report published by Dom Maklerski mBanku or as of the date of the most recent recommendation issued for an Issuer, as applicable.

This document was not transferred to the issuers prior to its publication.

mBank S.A. serves as underwriter for the following issuers: Asseco Business Solutions, Atal, Bakalland, BOŚ, Capital Park, Erbud, Ergis, Es-System, IMS, Kruk, Magellan, Mieszko, Neuca, Oponeo, PBKM, Pemug, Polimex Mostostal, Polna, Solar, Tarczyński, Vistal, Zastal S.A., ZUE.

mBank S.A. serves as market maker for the following issuers: Asseco Business Solutions, Atal, Bakalland, BOŚ, Capital Park, Erbud, Es-System, IMS, KGHM, Kruk, LW Bogdanka, Magellan, Mieszko, Neuca, Oponeo, PBKM, PGE, Pekao, PKN Orlen, PKO BP, Polimex Mostostal, Polna, Polwax, PZU, Solar, Tarczyński, Vistal, ZUE.

mBank S.A. receives remuneration from issuers for services rendered to the following companies: Agora, Alior Bank, Alchemia, Ambra, Atal, Bakalland, BNP Paribas, Boryszew, BPH, BZ WBK, Deutsche Bank, Echo Investments, Elemental Holding, Elzab, Enea, Energoaparatura, Erbud, Erste Bank, Es-System, Farmacol, Ferrum, Getin Holding, Getin Noble Bank, Handlowy, Impexmetal, Indata Software, ING BSK, Inter Groclin Auto, Ipopema, Koelner, Kopex, Kruk, LW Bogdanka, Magellan, Mennica, Mercor, Mieszko, Millennium, Mostostal Warszawa, Netia, Neuca, Odratrans, Oponeo, Orbis, OTP Bank, Paged, PA Nova, PBKM, Pekao, Pemug, Pfleiderer Group, PGE, PGNiG, PKO BP, Polimex-Mostostal, Polnord, PRESCO GROUP, Prochem, Projprzem, Prokom, PZU, RBI, Robyg, Rubikon Partners NFI, Seco Warwick, Skarbiec Holding, Sokołów, Solar, Stelmet, Sygnity, Tarczyński, Techmex, TXN, Unibep, Uniwheels, Vistal, Wirtualna Polska Holding S.A., Work Service, ZUE.

In the last 12 months mBank S.A. has been an offering agent of the issuer's shares in a public offering for the following companies: Stelmet, TXM S.A.

Asseco Poland provides IT services to mBank S.A.

mBank S.A. has a cash service agreement in place with Pekao and a phone subscription agreement in place with Orange Polska S.A.

mBank S.A., its shareholders and employees may hold long or short positions in the issuers' shares or other financial instruments related to the issuers' shares. mBank, its affiliates and/or clients may conduct or may have conducted transactions for their own account or for account of another with respect to the financial instruments mentioned in this report or related investments before the recipient has received this report.

Copying or publishing the present report, in full or in part, or disseminating in any way information contained in the present report requires the prior written agreement of mBank S.A. Recommendations are addressed to all Clients of Dom Maklerski mBanku.

Recommendations are addressed to all Clients of Dom Maklerski mBanku.

The activity of mBank S.A. is subject to the supervision of the Polish Financial Supervision Commission.

Individuals who did not participate in the preparation of recommendations, but had or could have had access to recommendations prior to their publication, are employees of Dom Maklerski mBanku authorised to access the premises in which recommendations are prepared and/or individuals having to access to recommendations based on their corporate roles, other than the analysts mentioned as the authors of the present recommendations.

Strong and weak points of valuation methods used in recommendations:
DCF – acknowledged as the most methodologically correct method of valuation; it consists in discounting financial flows generated by a company; its weak point is the significant susceptibility to a change of forecast assumptions in the model.
Relative – based on a comparison of valuation multipliers of companies from a given sector; simple in construction, reflects the current state of the market better than DCF; weak points include substantial variability (fluctuations together with market indices) as well as difficulty in the selection of the group of comparable companies.
Economic profits – discounting of future economic profits; the weak point is high sensitivity to changes in the assumptions made in the valuation model.
Discounted Dividends (DDM) – discounting of future dividends; the weak point is high sensitivity to changes in the assumptions as to future dividends made in the valuation model.
NAV - valuation based on equity value, one of the most frequently used method in case of developing companies; the weak point of the method is that it does not factor in future changes in revenue/profits of a company.

Dom Maklerski mBanku
Senatorska 18
00-082 Warszawa
http://www.mbank.pl/

Research Department

Kamil Kliszcz
director
tel. +48 22 438 24 02
kamil.kliszcz@mbank.pl
energy, power generation

Michał Marczak
tel. +48 22 438 24 01
michal.marczak@mbank.pl
strategy

Michał Konarski
tel. +48 22 438 24 05
michal.konarski@mbank.pl
banks, financials

Jakub Szkopek
tel. +48 22 438 24 03
jakub.szkopek@mbank.pl
industrials, chemicals, metals

Paweł Szpigiel
tel. +48 22 438 24 06
pawel.szpigiel@mbank.pl
media, IT, telco

Piotr Zybała
tel. +48 22 438 24 04
piotr.zybala@mbank.pl
construction, real-estate development

Piotr Bogusz
tel. +48 22 438 24 08
piotr.bogusz@mbank.pl
retail

Sales and Trading

Traders

Piotr Gawron
director
tel. +48 22 697 48 95
piotr.gawron@mbank.pl

Krzysztof Bodek
tel. +48 22 697 48 89
krzysztof.bodek@mbank.pl

Tomasz Jakubiec
tel. +48 22 697 47 31
tomasz.jakubiec@mbank.pl

Anna Łagowska
tel. +48 22 697 48 25
anna.lagowska@mbank.pl

Adam Prokop
tel. +48 22 697 47 90
adam.prokop@mbank.pl

Szymon Kubka, CFA, PRM
tel. +48 22 697 48 16
szymon.kubka@mbank.pl

Jędrzej Łukomski
tel. +48 22 697 49 85
jedrzej.lukomski@mbank.pl

Tomasz Galanciak
tel. +48 22 697 49 68
tomasz.galanciak@mbank.pl

Wojciech Wysocki
tel. +48 22 697 48 46
wojciech.wysocki@mbank.pl

Sales, Foreign Markets

Marzena Łempicka-Wilim
deputy director
tel. +48 22 697 48 82
marzena.lempicka@mbank.pl

Mariusz Adamski
tel. +48 22 697 48 47
mariusz.adamski@mbank.pl

Private Broker

Kamil Szymański
director, active sales
tel. +48 22 697 47 06
kamil.szymanski@mbank.pl

Jarosław Banasiak
deputy director, active sales
tel. +48 22 697 48 70
jaroslaw.banasiak@mbank.pl