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Morning Comments

Equity Market, Poland

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DJIA	26,385.3	-0.40%	FTSE 100	7,511.5	+0.05%	Copper (LME)	6,282.0	-0.57%
S&P 500	2,906.0	-0.33%	WIG20	2,304.5	+0.62%	Crude Oil (Brent)	81.28	+0.09%
NASDAQ	7,990.4	-0.21%	BUX	35,996.0	+0.35%	USD/PLN	3.6398	-0.19%
DAX	12,385.9	+0.09%	PX	1,100.8	-0.50%	EUR/PLN	4.2728	-0.43%
CAC 40	5,512.7	+0.61%	PLBonds10	3.242	-0.031	EUR/USD	1.1739	-0.24%

Company & Sector News

Prime Car Management

Suspended—2018-08-23

PCM freezes 2018 dividend, begins strategic option review

Prime Car Management (PCM) yesterday announced it would not be paying dividends this year after failing to meet the D/E ratio prerequisite of 10 bps below lowest covenant level. At the same time, the Company said it was about to begin a review of strategic options and hire a financial advisor to help find a strategic investor. **We believe that the news regarding the dividend payout was surprising for the market. During the last quarterly meeting PCM said a payout was still possible in 2018. PCM's bondholders didn't cancel the existing covenant (3.5x debt/equity at the end of 3Q'18), but agreed not to exercise their call options until D/E reaches 4.0x. This means that at the end of 3Q'18 the D/E ratio must have ended up well above the limit. Next year's dividend payout is probably also at risk. We expect that the strategic options review will last approximately 6 months. If PCM does not find a strategic partner we expect it to push for a capital increase.** (M. Konarski)

Polwax

Suspended – 2018-09-14

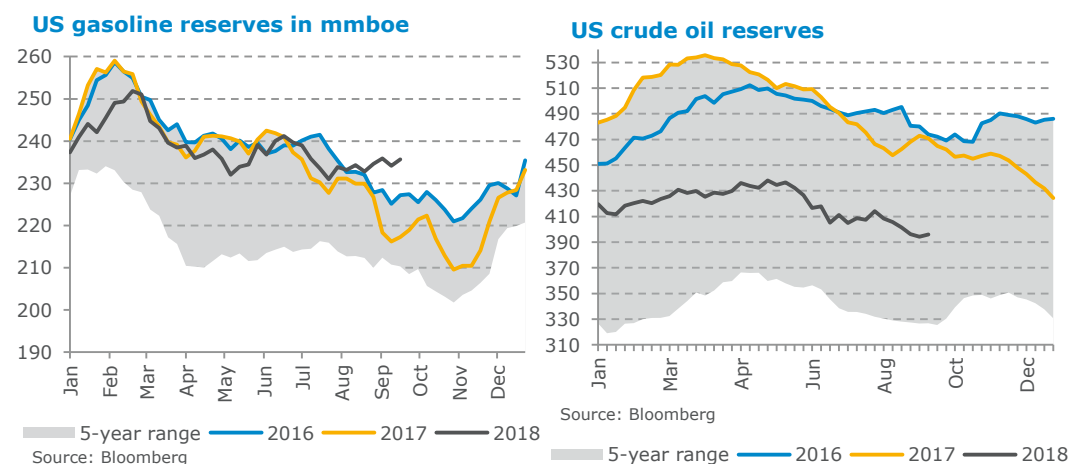
Q2 results in line with previous profit warning

Polwax Q2 results came in line with previously announced preliminary figures which were below our expectations. Company faced a drop in revenues yoy because lower volumes and prices in candle paraffin segment, partially mitigated by higher sales in industrial paraffin. Net debt increased seasonally to PLN 36.5m after negative CF from operations (PLN -17.6m vs PLN -16.5m year earlier) connected with working capital changes. Company announced as well that it has breached some credit covenants (it didn't meet the EBITDA target) and is in talks with ING Bank in this matter. (K. Kliszcz)

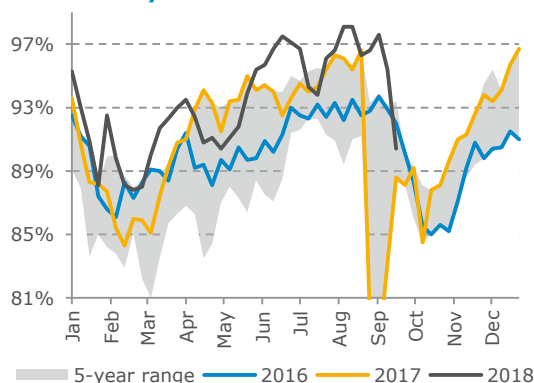
Oil&Gas

Crude inventories gain shrugged off as US rules out releasing emergency reserve

Weekly EIA report showed increase in US domestic crude inventories after dropping 5 weeks in a row (1.8 mmboe vs expected -1.5 mmboe), despite net import decreasing by 9% w/w. The surprise is driven by US refineries' decreased utilization (90.4% vs 95.4%) which has dropped below the upper band of 3-year range of fluctuation for the first time since July. Gasoline supplies surprised negatively, growing by 1.5 mmboe/d vs +0.7 mmboe/d expected mainly because of weaker demand (4-weeks moving average only 0.4% higher yoy). Diesel inventories dropped by 2.2 mmboe/d (small decrease was expected). **EIA report at first drove crude oil prices down but at the end of the day its impact was minor. Market was focused on U.S. Energy Secretary Rick Perry declaration that government ruled out the release of emergency crude reserve to push prices lower.** (K. Kliszcz)

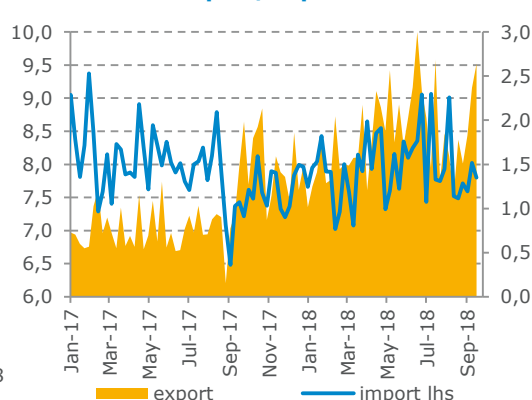


US refinery run rates



Source: Bloomberg

US crude oil export/import in mmboe



Source: Bloomberg

Cyfrowy Polsat

Buy – 2018-06-15
Target price: 24.90 PLN

Cyfrowy to spend PLN 339m to build stake in Netia

Cyfrowy Polsat has agreed to pay PLN 338.8m to increase its direct control of Netia to 65.98% of voting power and share capital by buying shares from Karswell. Prior to the deal, set for 2 October, Cyfrowy controls about 48.5% of Netia's capital and votes, and Karswell holds 17.5% of the telco's shares. **The price per share offered by Cyfrowy is PLN 5.77, equal to the price the media group paid for its first 34.24% stake in Netia in December 2017. Neutral news.** (P. Szpigel)

Car manufacturers

Polish car registrations drop in September

Samar market research has published preliminary, partial registration results for the first 20 days of September. During this period, 14,331 passenger cars were registered in Poland, less than half of previous monthly numbers, representing a 27% drop from the same period last year, the first drop in 42 months attributed to the end of the rush to beat the WLTP standard deadline. **For more information, in Polish visit AutoŚwiat <https://tinyurl.com/yazxl899> and our special comment <https://tinyurl.com/yde7jtaf>** (J. Szkopek)

Famur

Buy – 2018-08-02
Target price: 6.56 PLN

Management conference highlights

- The Famur Group assumes entry into the Hard Rock Mining segment (hard rock mining) in the new strategy. He intends to achieve this goal by acquiring a company with revenues in the PLN 100-200 million range and further organic development of the acquired entity.
- At the moment, the company is interested in 14 companies located in North America, Canada and Europe. According to the assumptions of the strategy, the acquisition of the company would take place until 2022.
- The Management Board is interested in taking over an international entity that would offer products such as drilling machines and anchoring machines.
- According to the Management Board's statement, if the Przedsiębiorstwo Budowy Szybów was not sold to JSW, the company will remain in the structures of Primetech, the former Kopex. CFO added that currently the subject of PBSz sales is implemented in accordance with the assumptions of the termsheet agreed with JSW. "Dziennik Gazeta Prawna" informed in September that the purchase of PBSz by JSW may be blocked by the energy minister Krzysztof Tchórzewski.
- Famur does not exclude that possible strategic partnerships may include capital connections. The company wants to finance the majority of acquisitions with own funds.

Our commentary on yesterday's financial results and company strategy can be found at: (PL <https://tinyurl.com/ycoxqqb8>; ENG <https://tinyurl.com/yalcok8c>) (J. Szkopek)

Famur may owe PLN 22m in back tax: auditors

The results of customs and tax control indicate that Famur may be required to pay overdue corporate income tax in the amount of PLN 17.7 million with interest, which currently amount to PLN 4.4 million - Famur said in a statement. The audit, carried out by the Małopolska Customs and Tax Office in Krakow, concerned the income tax from legal persons on income earned in 2013, 2014 and 2015. The superintendent, controlling Famur's activities related to the transaction of transferring the marks to Famur Brand and concluding the contract for the use of the trademark, considered that the expenses for license fees for using the trademark do not constitute tax deductible costs. The company maintains its current position, according to which the transfer of the trademark to Famur Brand and Famur's payment of license fees was in line with the legal provisions applicable in the audited period and was justified both economically and economically. **Famur in connection with the audit and the risk of the tax authority questioning the inclusion of license fees in the tax-deductible costs had previously created a precautionary reserve for the potential tax liabilities in the total amount of**

PLN 21.2 million. Consequently, the audit does not have any impact on the current financial results of Famur. On the other hand, if the decision of the Tax Office is maintained, Famur's net debt will increase by PLN 21.2 million, or PLN 0.04 / share. (J. Szkopek)

Grupa Kęty

Hold – 2018-09-03
Target price: 367.45 PLN

2018 third-quarter earnings guidance

Kęty expects to generate revenue of PLN 815m (+14% y/y; +6% vs. our estimate), EBITDA of PLN 140m (+9% y/y; +3% vs. our estimate), and net profit of PLN 83m (+7% y/y) in Q3 2018. Net debt increased by nearly PLN 190m during the quarter to an estimated PLN 770m (1.7x 12M EBITDA), the Company said in its guidance release. The Q3 guidance supports the Company's FY estimates. **For more information, visit our special comment (PL <https://tinyurl.com/y8mhlj6e>; ENG <https://tinyurl.com/y9vdzqkk>) (J. Szkopek)**

Steel

China announces winter curbs

China Government announced winter curbs on steel, coking output. The production output is going to be reduced during heating season to limit pollution levels. Regulatory exempted some steel, aluminum plants. **The curbs in our opinions will have negative impact on coking coal usage and steel inventory. On the other hand coke prices should be relatively high due to limited supply. Coke-coking coal spread should remain high which helps coking plants to sustain high margins. Probably some soda ash producers will be obliged to limit production, which is positive to European producers (Ciech). (J. Szkopek)**

Polnord

Underweight – 2018-06-22

Weak preliminary H1'18 results

Polnord estimates its 2018 H1 revenue at PLN 143.1m (+47% y/y), and it expects to post a net loss of PLN -24.8m for the period compared to PLN -5.4m a year ago. Factor that impacted the first-half results included: (1) a lower margin on core operations generated in Q2 due to higher costs of construction services in projects previously carried out by former general contractor KB Dom Sp. z o.o., (2) an increase in general and administrative expenses, and (3) one-off adjustments not previously included in the financial statements. **The results are significantly below our expectations. Based on the company filing we estimate that in Q2 the company suffered PLN 28m net loss compared to PLN 2-3m forecast by us. We see a risk that the profitability of Polnord's land bank is even lower than we expected and the company may show negative net results in the whole 2018-2020 perspective. (P. Zybala)**

Bytom

Overweight – 2018-05-23

Plans for 2018

Bytom will seek to increase retail floor space by 12% to ca 16.1k m2 in 2018 and put its store count to 122, management said in its half-year report. Plans for 2018 also include increased sales efficiency, an increase in like-for-like sales, further growth in e-sales, a 10% retail market share and holding cost growth to below revenue growth rates. **Neutral information. (P. Bogusz)**

Vistula

Overweight – 2018-05-23

Highlights from 2Q 2018 results conference

- Fashion group Vistula expects a 1.5-2.0 pp boost to gross margin from its merger with peer Bytom translating into ca. PLN 8-10m annual revenue synergies and sees cost synergies at ca. PLN 2m, the company said in its H1 report. Vistula will enjoy the full scope of the synergies in 2020 and hopes for a partial boost already in 2019, the management estimates. Both companies should reach 20% share in the formal segment in two years after acquisition.
- The Management expects to receive approval from KNF for shares memorandum "within next few days" and will host AGM to vote on shares emission as well as on approval for 0.72x BTM/VST shares swap parity at the end of October. Both companies expect to close the transaction until the end of 2018.
- The Management sees a potential to improve the gross margin in H2'18 as to maintain it on the flat level y/y in 2018 (after H1'18 the gross margin decreased by 0.6pp y/y).
- Costs of marketing in H2'18 should be slightly higher y/y but should not reach level recorded in 2016.
- Due diligence and price negotiations in Klenoty Aurum and Montre acquisition (both companies operate in jewelry segment) should be finished till the end of 2018. Potential finalization of the deal should have place in Q1 2019 and consolidation of results should start in Q2 2019. **(P. Bogusz)**

More News

AB	IT equipment and electronics distributor AB will conduct a bond issue as part of its PLN 270 mln bond issue program to refinance a PLN 100 mln bond redemption slated for August 12 2019, the company reported in a market filing.
Action	Listed IT distributor saw its creditor council endorse a vote on the restructuring deal, the company said in a market filing. The vote would end firm's recovery procedure.
Enea, Energa	Poland could proceed with its Ostrołęka power plant, co-owned by listed power groups Enea, on equity financing "well above" debt financing levels, Energy Minister Krzysztof Tchórzewski said.
Kęty	Listed metals and packaging group Kęty expects its Q3 consolidated net profit to grow 7% y/y to ca. PLN 83 mln on a 9% EBITDA hike to PLN 140 mln, according to the company's preliminary estimates reported in a market filing.
Kruk	Listed debt collector Kruk bought a PLN 274 mln retail debt portfolio and a PLN 214 mln SME debt portfolio from an unnamed bank via its closed-end investment fund unit Prokura NS FIZ, Kruk said in a market filing.
LOT	National airline LOT currently faces no strike threat as local unions went back on their plan to hold it in September after a Warsaw court again forbade such action until its legality has been assessed, union leader Monika Zelazik told reporters on Tuesday.
Mennica Polska	Real estate developer and coin maker Mennica is gearing up for major coin tenders expected in late 2018 and in 2019 and is close to making the decision to buy a gold mine in South Africa, CEO Grzegorz Zambrzycki told PAP. Listed metals firm Mennica Polska expects its H2 results to get a boost from its real estate operations, thanks to sale of apartments in the Mennica Residence I project, CEO Grzegorz Zambrzycki told PAP.
Murapol	Real estate firm Murapol's German unit signed a EUR 5.9 mln real estate sale deal to secure financing for housing projects in Poland, Murapol said in a filing.
PGNiG	Polish natgas firm PGNiG will likely assign at least two deals for LNG supply to Poland, PGNiG board member Maciej Wozniak said during an industry conference.
PKN Orlen	Listed fuel concern PKN Orlen can finish restarting its Plock refinery installations shut down by a Tuesday incident by the end of the week, PKN Orlen said in a press statement.

Corporate Action Calendar

Date	Time	Company	Event
27-Sep		Getin Noble	Q2'18 earnings announcement
28-Sep		Ailleron	Q2'18 earnings announcement
28-Sep		Elemental	Q2'18 earnings announcement
28-Sep		Famur	Investor meetings (mBank HQ, ul. Senatorska 18, Warsaw) - registration required
28-Sep		Herkules	Q2'18 earnings announcement
28-Sep	12:00	Polnord	Q2'18 earnings conference (GPW, ul. Książęca 4, Warsaw)
28-Sep		Tarczyński	Q2'18 earnings announcement
30-Sep		Pfleiderer Group	Q2'18 earnings announcement
1-Oct	10:30	Pfleiderer Group	Q2'18 earnings conference (InterContinental Hotel, Warsaw)
1-Oct	10:30	Pfleiderer Group	The live webcast http://platforma.livingmedia.pl/pfleiderer/180914001/
1-Oct	13:00	Robyg	Q2'18 earnings conference (ROBYG Working Balance, Warsaw)
2-Oct	09:00	PCC Rokita	Investor meetings (Adgar Ochota, Al. Jerozolimskie 181B8, Warsaw)
2-Oct		Trans Polonia	Investor meetings (Inner Value, ul. Wilcza 46, Warsaw) - registration required
4-5-Oct			European Financials Conference (InterContinental Warszawa Hotel) - registration required

Economic Calendar

Thursday, 27 September 2018					
Time	Region	Data	Period	Forecast	Previous
08:00	Germany	GfK Consumer Confidence	September		10.50
10:00	EU	M3 Money Supply	August		4.00% y/y
11:00	EU	Business Climate Indicator	September		1.22
11:00	EU	Consumer Confidence Index	September		-1.90
14:00	Germany	CPI Harmonized (P)	September	0.00% m/m; 1.90% y/y	
14:00	Germany	CPI (P)	September	0.10% m/m; 2.00% y/y	
14:30	USA	Durable Goods Orders Less Transportation	August		0.20% m/m
14:30	USA	Durable Goods Orders	August		-1.70% m/m
14:30	USA	GDP Deflator	Q2		2.20% q/q
14:30	USA	GDP	Q2	2.00% q/q; 2.80% y/y	
14:30	USA	PCE	Q2		2.60% y/y
14:30	USA	Core PCE	Q2		1.90% y/y
Friday, 28 September 2018					
Time	Region	Data	Period	Forecast	Previous
07:00	Japan	Housing Starts	August	-0.70% y/y; -0.70% y/y	
08:00	Germany	Import Price Index	August	-0.20% m/m; 5.00% y/y	
08:00	UK	Nationwide House Prices	September		-0.50% m/m
08:00	Germany	Wholesale Price Index	August	3.50% y/y; 3.50% y/y	
08:45	France	PPI	August	0.60% m/m; 4.00% y/y	
10:30	UK	Business Investment (F)	Q1	-0.40% q/q; 2.00% y/y	
10:30	UK	Capital Account Balance	Q2		-143m
10:30	UK	Current Account Balance	Q2		-17.72bn
10:30	UK	GDP	Q2	0.40% q/q; 1.20% y/y	
14:30	USA	Core PCE Deflator	August	0.20% m/m; 2.00% y/y	
14:30	USA	Personal Income	August		0.30% m/m
14:30	USA	Personal Spending	August		0.40% m/m
Monday, 1 October 2018					
Time	Region	Data	Period	Forecast	Previous
08:00	Germany	Retail Sales	August	-0.40% m/m; 2.30% y/y	
09:00	Poland	PMI Manufacturing	September		51.40; 51.40
09:50	France	PMI Manufacturing (F)	September		53.50
09:55	Germany	PMI Manufacturing (F)	September		55.90
10:00	EU	PMI Manufacturing (F)	September		54.60
10:30	UK	PMI Manufacturing	September		52.80
11:00	EU	Unemployment Rate	September		8.20%
16:00	USA	Construction Spending	August		0.10%
16:00	USA	ISM Manufacturing	September		61.30
Tuesday, 2 October 2018					
Time	Region	Data	Period	Forecast	Previous
11:00	EU	PPI	August	0.40% m/m; 4.00% y/y	
Wednesday, 3 October 2018					
Time	Region	Data	Period	Forecast	Previous
09:50	France	PMI Services (F)	September		55.40
09:55	Germany	PMI Services (F)	September		55.00
10:00	EU	PMI Services (F)	September		54.70
10:30	UK	PMI Services	September		54.30
11:00	EU	Retail Sales	August	-0.20% m/m; 1.10% y/y	
15:45	USA	PMI Composite (F)	September		54.70
15:45	USA	PMI Services (F)	September		52.90
16:00	USA	ISM Non-Manufacturing	September		58.50
	Poland	Interest Rate			1.50%

Current Recommendations by Dom Maklerski mBanku

Company	Recommendation	Issued On	Price At Reco.	Target Price	Current Price	Upside/Downside	P/E		EV/EBITDA	
							2018	2019	2018	2019
Financial Sector						+19.4%	11.7	10.3		
Alior Bank	buy	2018-02-01	85.50	109.00	64.30	+69.5%	8.8	7.4		
Getin Noble Bank	hold	2018-05-09	1.17	1.40	0.59	+137.3%	11.9	4.4		
Handlowy	buy	2018-04-06	77.50	94.00	74.10	+26.9%	15.3	12.6		
ING BSK	accumulate	2018-08-02	190.00	212.00	184.20	+15.1%	15.2	13.4		
Millennium	sell	2018-08-02	9.12	7.00	9.22	-24.1%	15.5	14.1		
Pekao	buy	2018-02-01	135.90	157.00	108.35	+44.9%	13.0	10.7		
PKO BP	hold	2018-04-06	39.74	38.00	42.94	-11.5%	16.2	13.5		
Santander Bank Polska	accumulate	2018-09-03	376.00	430.00	377.80	+13.8%	14.9	12.2		
Komercni Banka	buy	2017-12-01	899.00	1,111 CZK	902.50	+23.1%	11.6	9.8		
Erste Bank	buy	2018-08-02	37.14	43.00 EUR	36.71	+17.1%	10.5	10.5		
OTP Bank	buy	2018-06-06	10,210	12,090 HUF	9,840	+22.9%	10.0	9.2		
PZU	accumulate	2018-08-02	42.00	47.50	40.40	+17.6%	11.3	10.2		
Kruk	buy	2018-09-17	187.80	292.77	200.00	+46.4%	10.7	9.0		
Prime Car Management	suspended	2018-08-23	7.96	-	8.10	-	-	-		
Skarbiec Holding	buy	2018-08-31	25.30	36.86	25.90	+42.3%	8.1	7.7		
Chemicals						+50.1%	11.1	10.2	5.2	5.0
Ciech	buy	2018-08-02	56.95	82.52	46.60	+77.1%	7.3	6.9	5.0	4.7
Grupa Azoty	hold	2018-09-03	38.00	41.13	33.88	+21.4%	15.0	13.5	5.4	5.4
Polwax	suspended	2018-09-14	7.70	-	6.92	-	-	-	-	-
Oil & Gas						+4.5%	9.0	12.4	4.9	5.5
Lotos	sell	2018-09-03	69.90	57.21	73.50	-22.2%	10.3	14.5	5.6	6.9
MOL	buy	2018-09-03	2,870	3,296 HUF	2,910	+13.3%	8.3	10.2	3.8	4.2
PGNiG	buy	2018-09-03	5.82	7.86	6.42	+22.4%	9.0	7.5	4.2	3.5
PKN Orlen	sell	2018-09-03	98.24	81.38	100.15	-18.7%	8.9	14.8	5.6	7.9
Power Utilities						+16.0%	4.0	4.1	3.7	3.4
CEZ	sell	2018-07-04	550.00	440.96 CZK	569.50	-22.6%	21.5	20.0	8.5	8.4
Enea	buy	2018-05-29	9.57	12.62	8.23	+53.3%	4.0	3.1	3.8	3.3
Energa	buy	2018-09-03	8.40	15.27	8.00	+90.9%	4.0	4.1	3.3	3.2
PGE	buy	2018-05-29	9.28	13.60	9.55	+42.4%	5.8	5.7	3.6	3.4
Tauron	buy	2018-09-03	2.00	2.77	1.84	+50.5%	3.5	2.9	3.7	4.1
Telecoms, Media, IT						+10.9%	20.1	17.1	7.0	6.1
Netia	reduce	2018-06-06	5.00	4.30	4.45	-3.4%	40.5	48.9	5.3	5.6
Orange Polska	buy	2018-04-06	5.83	7.60	4.58	+65.9%	20.1	11.0	4.2	3.8
Play	hold	2018-08-30	21.90	22.60	20.36	+11.0%	6.5	7.3	5.5	5.4
Agora	buy	2018-09-14	8.48	15.40	9.06	+70.0%	45.5	56.8	3.5	3.9
Cyfrowy Polsat	accumulate	2018-06-15	22.76	24.90	22.50	+10.7%	13.1	11.2	7.0	6.1
Wirtualna Polska	accumulate	2018-09-03	57.00	60.00	50.80	+18.1%	19.9	17.1	10.9	9.1
Asseco Poland	accumulate	2018-09-03	45.90	49.00	46.50	+5.4%	13.7	15.0	8.1	7.9
CD Projekt	sell	2018-04-06	114.90	90.80	187.10	-51.5%	90.1	27.1	71.5	21.0
Comarch	accumulate	2018-05-09	145.00	166.50	168.50	-1.2%	24.3	17.9	9.6	8.3
Industrials, Mining						+21.9%	14.6	6.5	6.4	4.6
Famur	buy	2018-08-02	5.20	6.56	5.54	+18.4%	17.4	13.8	7.6	6.8
Grupa Kęty	hold	2018-09-03	387.50	367.45	384.00	-4.3%	14.0	13.2	9.5	8.9
JSW	buy	2018-09-03	77.00	98.00	68.62	+42.8%	4.1	5.4	2.1	2.3
Kemel	buy	2018-07-23	50.50	59.18	49.00	+20.8%	15.2	7.0	6.7	5.2
KGHM	buy	2018-09-03	90.80	104.21	92.90	+12.2%	7.9	6.1	4.6	3.4
Stelmet	buy	2018-09-03	11.35	20.45	8.32	+145.8%	15.8	5.5	6.1	4.1
Construction						+22.0%	8.7	10.2	3.9	4.6
Budimex	hold	2018-08-02	122.60	125.00	111.40	+12.2%	11.5	13.0	3.9	4.9
Elektrobudowa	buy	2018-09-26	32.80	45.00	37.20	+21.0%	-	9.9	-	4.7
Erbud	buy	2018-09-03	9.60	14.40	9.60	+50.0%	-	10.4	-	4.4
Unibep	buy	2018-04-06	7.50	10.10	5.16	+95.7%	5.9	5.1	3.9	3.0
Property Developers						+28.5%	6.7	7.0	7.4	7.3
Atal	buy	2018-07-04	36.40	42.86	31.60	+35.6%	6.5	6.8	5.9	6.4
Capital Park	buy	2018-04-06	5.95	8.35	5.50	+51.8%	10.9	9.2	17.7	17.0
Dom Development	buy	2018-08-02	72.80	87.80	66.80	+31.4%	6.9	7.3	5.7	6.2
Echo	buy	2018-04-06	5.23	5.63	4.35	+29.4%	5.9	5.5	7.0	7.2
GTC	hold	2018-04-06	9.39	9.60	8.46	+13.5%	10.2	8.9	14.6	13.8
LC Corp	buy	2018-06-22	2.39	3.58	2.47	+44.9%	5.9	5.5	7.8	7.4
Retail						+18.9%	27.0	17.4	13.4	11.1
AmRest	hold	2018-09-03	406.00	426.00	458.00	-7.0%	48.2	37.9	15.7	12.6
CCC	buy	2018-06-06	242.80	295.00	225.60	+30.8%	29.5	17.4	16.7	11.6
Dino	hold	2018-06-06	107.40	103.50	100.80	+2.7%	31.0	23.2	19.2	14.8
Eurocash	buy	2018-04-06	24.41	30.70	18.57	+65.3%	19.5	15.1	6.4	5.4
Jeronimo Martins	buy	2018-08-02	12.65	15.20 EUR	12.71	+19.6%	20.1	16.7	8.6	7.4
LPP	accumulate	2018-06-18	9,025	10,200	8,725	+16.9%	24.5	20.1	13.4	11.1
TXM	buy	2018-07-04	1.28	3.48	0.67	+419.4%	-	2.2	12.8	3.1
Other						+33.3%	8.4	7.6	5.5	5.1
PBKM	hold	2018-06-06	73.00	76.26	57.20	+33.3%	8.4	7.6	5.5	5.1

Current Calls by Dom Maklerski mBanku

Company	Relative Positioning	Rated On	Price At Rating	Current Price	Change	P/E		EV/EBITDA	
						2018	2019	2018	2019
Industrials						13.3	9.8	5.0	4.6
Ailleron	neutral	2018-03-28	16.20	12.80	-21.0%	15.2	13.2	6.8	5.5
Asseco BS	neutral	2018-03-28	28.00	24.30	-13.2%	14.1	12.8	9.4	8.7
Asseco SEE	overweight	2018-04-26	11.70	11.20	-4.3%	10.2	9.8	4.5	4.1
Atende	overweight	2018-03-28	4.25	3.22	-24.2%	7.5	6.8	4.8	4.6
Wasko	neutral	2018-05-30	1.68	1.58	-6.0%	13.3	8.8	5.0	4.2
Industrials						8.7	8.4	6.4	5.9
Alumetal	neutral	2018-08-23	51.00	44.95	-11.9%	8.0	8.7	6.5	6.8
Amica	overweight	2018-09-13	112.80	111.40	-1.2%	7.7	7.4	5.4	4.9
Apator	neutral	2018-02-28	24.00	24.00	+0.0%	13.2	13.8	7.6	7.8
Boryszew	neutral	2018-09-05	6.25	5.00	-20.0%	8.8	7.1	6.4	5.8
Elemental	neutral	2018-04-27	1.09	1.51	+38.5%	6.1	5.3	5.5	4.9
Ergis	neutral	2018-04-27	4.06	3.70	-8.9%	8.3	7.8	6.0	5.6
Forte	overweight	2018-07-27	40.60	43.45	+7.0%	16.2	11.6	11.0	9.0
Kruszwica	underweight	2018-08-02	65.40	42.30	-35.3%	16.5	17.4	8.8	8.8
Mangata	underweight	2018-09-13	91.20	77.60	-14.9%	9.8	11.9	7.0	7.4
Pfleiderer Group	overweight	2018-08-08	37.30	36.50	-2.1%	18.2	18.1	6.5	6.1
Pozbud	overweight	2018-09-04	3.57	2.52	-29.4%	4.7	2.6	4.5	1.6
Tarczyński	neutral	2018-05-30	14.50	15.15	+4.5%	8.6	8.1	5.8	5.5
Construction Sector						21.0	9.2	5.4	3.9
Elektrotim	neutral	2018-05-28	5.80	4.20	-27.6%	25.5	10.7	4.6	3.9
Herkules	neutral	2018-01-25	3.67	2.71	-26.2%	8.5	6.0	4.8	3.9
Torpol	neutral	2018-05-28	6.40	5.18	-19.1%	24.2	7.5	6.5	3.9
Trakcja	underweight	2018-05-18	3.65	3.47	-4.9%	27.3	24.8	6.1	5.9
Ulma	neutral	2018-05-28	73.00	73.00	+0.0%	9.1	8.8	3.6	3.5
ZUE	neutral	2018-05-28	5.86	5.56	-5.1%	17.8	9.6	7.2	5.8
Property Developers						6.0	5.3	8.4	5.3
Archicom	overweight	2018-06-22	15.00	12.95	-13.7%	6.0	4.2	5.9	4.7
BBI Development	neutral	2018-04-26	0.66	0.48	-27.3%	11.1	5.3	12.7	5.3
i2 Development	neutral	2018-06-22	15.40	13.05	-15.3%	4.0	4.5	7.2	6.0
JWC	neutral	2018-06-22	3.48	2.72	-21.8%	7.4	3.0	8.4	3.7
Lokum Deweloper	overweight	2018-06-22	18.80	17.70	-5.9%	5.9	6.8	4.4	5.2
PA Nova	neutral	2018-03-29	22.30	18.20	-18.4%	5.9	6.9	9.9	11.0
Polnord	underweight	2018-06-22	9.04	9.48	+4.9%	-	-	-	-
Ronson	neutral	2018-06-22	1.09	1.05	-3.7%	11.3	7.5	12.3	10.8
Retail						11.5	9.4	7.9	6.4
Bytom	overweight	2018-05-23	2.92	2.73	-6.5%	12.2	11.1	7.9	6.9
Monnari	neutral	2018-07-13	6.60	5.90	-10.6%	9.0	8.4	3.6	3.1
Vistula	overweight	2018-05-23	4.79	4.02	-16.1%	11.5	9.4	7.9	6.4

CEE bank valuations (2018-09-26)

	Price	2018	P/E 2019	2020	2018	ROE 2019	2020	2018	P/BV 2019	2020	2018	DY 2019	2020
POLISH BANKS													
Alior Bank	64.30	8.8	7.4	-	13%	13%	-	1.0	0.9	-	0.0%	0.0%	-
Getin Noble Bank	0.59	11.9	4.4	1.9	1%	3%	6%	0.1	0.1	0.1	0.0%	0.0%	0.0%
Handlowy	74.10	15.3	12.6	-	9%	11%	-	1.4	1.3	-	5.5%	6.5%	-
ING BSK	184.20	15.2	13.4	12.4	13%	13%	12%	1.8	1.6	1.4	1.8%	2.0%	2.2%
Millennium	9.22	15.5	14.1	-	9%	9%	-	1.3	1.2	-	0.0%	1.6%	-
Pekao	108.35	13.0	10.7	-	9%	11%	-	1.2	1.2	-	7.3%	7.7%	-
PKO BP	42.94	16.2	13.5	-	9%	10%	-	1.3	1.2	-	1.3%	1.5%	-
Santander Bank Polska	377.80	14.9	12.2	10.7	10%	11%	12%	1.4	1.3	1.2	1.8%	3.3%	4.1%
Median		15.0	12.4	10.7	9%	11%	12%	1.3	1.2	1.2	1.5%	1.8%	2.2%
INVESTORS IN POLISH BANKS													
BCP	0.263	11.4	8.0	7.5	6%	8%	8%	0.6	0.6	0.6	1.1%	2.7%	5.3%
Citigroup	72.450	11.0	9.7	8.4	9%	10%	11%	1.0	0.9	0.8	2.1%	2.7%	3.1%
Commerzbank	9.472	12.8	10.7	8.0	3%	4%	5%	0.4	0.4	0.4	2.2%	3.4%	4.9%
ING	11.562	8.7	8.4	8.0	10%	10%	10%	0.9	0.8	0.8	6.0%	6.2%	6.5%
KBC	66.760	10.9	11.2	10.7	14%	13%	13%	1.6	1.5	1.4	5.4%	5.9%	6.2%
UCI	14.136	9.0	7.2	6.4	6%	8%	8%	0.6	0.5	0.5	2.5%	4.5%	6.8%
Median		11.0	9.0	8.0	8%	9%	9%	0.8	0.7	0.7	2.4%	3.9%	5.8%
FOREIGN BANKS													
Erste Bank*	36.71	10.5	10.5	9.7	11%	10%	10%	1.1	1.0	1.0	3.3%	4.0%	4.0%
Komerční Banka*	902.50	11.6	9.8	-	14%	14%	-	1.5	1.3	-	5.2%	4.8%	-
OTP*	9,840	10.0	9.2	-	15%	15%	-	1.5	1.3	-	2.6%	2.6%	-
Banco Santander	4.49	9.2	8.3	7.6	8%	9%	9%	0.7	0.7	0.7	4.9%	5.3%	5.9%
Deutsche Bank	10.15	22.1	11.4	8.3	1%	3%	4%	-	-	-	1.4%	2.8%	4.2%
Sberbank	195.79	5.1	4.8	4.3	23%	21%	21%	1.1	1.0	0.9	9.1%	10.5%	12.0%
VTB Bank	0.04	4.1	3.4	3.2	12%	12%	12%	0.5	0.4	0.4	9.7%	9.7%	9.7%
Piraeus Bank	2.03	56.4	6.6	3.5	0%	2%	4%	0.2	0.2	0.1	0.0%	0.0%	2.4%
Alpha Bank	1.22	9.2	5.7	4.5	2%	3%	4%	0.2	0.2	0.2	0.0%	0.0%	1.3%
National Bank of Greece	1.75	134.6	76.1	51.5	2%	3%	5%	3.0	2.9	2.8	0.0%	0.0%	0.1%
Eurobank Ergasias	0.62	7.9	5.3	4.2	3%	5%	6%	0.3	0.2	0.2	0.0%	0.0%	1.8%
Akbank	6.63	4.2	3.7	3.3	15%	15%	15%	0.6	0.5	0.5	6.7%	7.8%	8.0%
Türkiye Garanti Bank	7.24	4.4	3.9	3.2	15%	16%	17%	0.7	0.6	0.5	6.2%	6.9%	5.4%
Türkiye Halk Bank	6.62	2.3	2.0	1.6	13%	14%	-	0.3	0.3	0.2	3.2%	5.0%	-
Türkiye Vakıflar Bankası	3.66	2.5	2.9	2.9	15%	12%	-	0.3	0.3	0.3	1.8%	1.7%	1.0%
Yapı ve Kredi Bankası	1.76	3.7	3.1	2.5	10%	10%	12%	0.4	0.4	0.3	0.0%	2.8%	1.9%
Median		8.5	5.5	3.8	11%	11%	10%	0.6	0.5	0.4	2.9%	3.4%	4.0%

Insurance company valuations (2018-09-26)

	Price	2018	P/E 2019	2020	2018	ROE 2019	2020	2018	P/BV 2019	2020	2018	DY 2019	2020
POLISH COMPANIES													
PZU	40.40	11.3	10.2	9.6	20%	21%	21%	2.2	2.1	2.0	6.7%	6.6%	7.3%
FOREIGN COMPANIES													
Vienna Insurance G.	25.24	11.2	10.8	9.6	6%	6%	6%	0.7	0.7	0.6	3.7%	3.9%	4.3%
Uniqia	8.75	12.5	11.8	10.9	7%	7%	8%	0.9	0.9	0.9	5.9%	6.4%	6.6%
Aegon	5.71	8.6	8.1	7.6	7%	7%	7%	0.6	0.5	0.5	5.0%	5.2%	5.4%
Allianz	194.76	11.2	10.5	9.9	11%	12%	12%	1.3	1.2	1.1	4.5%	4.8%	5.0%
Aviva	4.95	8.7	8.1	7.6	12%	11%	-	1.1	1.1	1.1	6.1%	6.8%	7.6%
AXA	23.70	9.5	8.8	8.4	9%	9%	9%	0.8	0.8	0.7	5.6%	5.9%	6.2%
Baloise	151.20	12.6	11.8	11.1	9%	9%	9%	1.1	1.0	1.0	3.9%	4.1%	4.3%
Assicurazioni Generali	15.53	9.9	9.6	9.3	10%	10%	10%	0.9	0.9	0.9	5.8%	6.2%	6.5%
Helvetia	600.50	12.0	11.5	11.2	10%	10%	10%	1.1	1.1	1.0	4.1%	4.2%	4.4%
Mapfre	2.72	10.3	9.4	8.6	9%	10%	12%	1.0	0.9	0.9	5.6%	6.1%	6.6%
RSA Insurance	6.32	13.2	11.8	11.3	13%	14%	14%	1.7	1.6	1.5	3.7%	4.7%	5.0%
Zurich Financial	311.70	12.8	11.0	10.4	11%	13%	14%	1.5	1.4	1.4	6.2%	6.5%	6.9%
Median		11.2	10.6	9.8	10%	10%	10%	1.0	1.0	0.9	5.3%	5.5%	5.8%

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

Gas & Oil valuations (2018-09-26)

	Price	EV/EBITDA			EV/S			P/E			EBITDA margin			DY		
		2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020
OIL COMPANIES																
Lotos	73.50	5.6	6.9	5.6	0.6	0.6	0.6	10.3	14.5	12.7	11%	8%	10%	1.4%	2.9%	2.1%
MOL	2910.00	3.8	4.2	4.0	0.5	0.5	0.5	8.3	10.2	9.6	14%	12%	13%	4.4%	3.8%	4.0%
PKN Orlen	100.15	5.6	7.9	6.9	0.5	0.4	0.4	8.9	14.8	13.3	8%	5%	6%	3.0%	3.9%	2.4%
HollyFrontier	71.12	7.4	6.2	6.8	0.9	0.9	0.9	13.6	9.7	10.5	12%	14%	13%	1.9%	1.9%	2.0%
Andeavor	157.10	9.8	8.1	7.1	0.7	0.7	0.7	17.9	12.8	10.5	7%	8%	10%	1.6%	1.7%	1.8%
Valero Energy	116.52	9.1	6.8	5.5	0.5	0.5	0.4	17.9	11.5	8.6	5%	7%	8%	2.7%	3.0%	3.2%
Marathon Petroleum	84.53	8.8	7.4	6.0	0.7	0.6	0.6	17.2	12.1	9.4	8%	9%	10%	2.2%	2.4%	2.6%
Phillips 66	113.89	9.2	8.1	7.1	0.6	0.5	0.6	14.9	11.8	9.6	6%	7%	9%	2.7%	3.0%	3.2%
Tupras	138.90	7.9	7.4	6.5	0.6	0.5	0.5	10.4	9.2	7.8	8%	7%	8%	7.2%	8.2%	10.1%
OMV	49.08	4.0	3.8	3.8	0.9	0.9	0.9	9.6	8.9	8.9	22%	23%	23%	3.4%	3.7%	4.0%
Neste Oil	72.72	11.7	11.0	10.7	1.3	1.3	1.2	18.6	17.6	17.0	11%	11%	12%	2.7%	2.9%	3.0%
Hellenic Petroleum	7.86	5.8	5.9	5.9	0.5	0.5	0.5	8.2	8.9	8.7	8%	8%	8%	4.8%	5.1%	5.8%
Saras SpA	1.87	4.6	3.9	3.2	0.2	0.2	0.2	14.9	10.4	7.5	4%	5%	6%	4.2%	5.0%	6.5%
Motor Oil	22.95	5.4	5.5	4.8	0.3	0.3	0.3	10.4	10.7	9.4	6%	6%	7%	5.4%	5.7%	6.4%
Median		6.6	6.9	5.9	0.6	0.5	0.5	12.0	11.1	9.5	8%	8%	9%	2.9%	3.4%	3.2%
GAS COMPANIES																
A2A SpA	1.55	6.8	6.7	6.4	1.4	1.4	1.3	12.0	12.7	11.9	20%	20%	21%	4.3%	4.7%	5.0%
Centrica	149.25	4.9	5.0	4.9	0.4	0.4	0.4	11.4	11.6	11.2	9%	8%	8%	0.0%	0.0%	0.0%
Enagas	23.71	10.2	10.4	10.2	7.9	8.1	8.0	12.9	13.3	12.3	78%	78%	79%	6.4%	6.7%	7.1%
Endesa	18.55	7.3	7.2	7.1	1.3	1.2	1.2	13.7	13.3	13.1	17%	17%	18%	7.4%	7.5%	7.7%
Engie	12.41	6.0	5.7	5.4	0.9	0.9	0.8	12.5	11.2	10.4	15%	15%	16%	6.0%	6.4%	6.9%
Gas Natural SDG	23.50	9.3	8.8	8.5	1.7	1.6	1.6	25.0	16.8	15.8	18%	19%	19%	5.1%	5.5%	5.7%
Hera SpA	2.73	6.7	6.7	6.5	1.2	1.2	1.2	15.3	15.4	14.9	18%	17%	18%	3.7%	3.8%	3.9%
Snam SpA	3.77	11.9	11.8	11.6	9.7	9.6	9.4	13.1	12.9	12.5	81%	81%	81%	5.9%	6.1%	6.1%
PGNiG	6.42	4.2	3.5	3.2	0.9	0.8	0.7	9.0	7.5	7.6	21%	22%	23%	0.0%	3.3%	4.0%
BP	586.00	5.3	5.0	4.8	0.7	0.7	0.7	14.0	12.8	12.1	12%	13%	13%	0.0%	0.0%	0.0%
Eni	16.60	3.7	3.5	3.4	0.9	0.9	0.9	14.0	12.3	12.3	25%	26%	27%	5.0%	5.1%	5.2%
Equinor	159.27	3.0	3.0	2.8	0.8	0.8	0.8	3.5	3.5	3.5	27%	27%	27%	5.6%	6.4%	6.8%
Gazprom	1107.00	13.6	13.4	12.8	4.9	4.7	4.4	16.2	14.6	14.3	36%	35%	35%	1%	2%	2%
NovaTek	32.90	4.5	4.3	3.9	2.6	2.4	2.1	7.8	7.2	6.7	58%	57%	55%	11.6%	12.3%	13.0%
ROMGAZ	29.53	3.6	3.4	3.4	0.6	0.6	0.6	12.9	11.0	10.6	16%	17%	17%	7.5%	7.6%	7.7%
Shell	231.00	3.8	3.6	3.4	1.4	1.4	1.3	14.6	13.5	13.0	38%	39%	39%	0.0%	0.1%	0.1%
Total	55.43	6.7	6.1	6.1	1.2	1.2	1.1	14.2	12.8	12.6	18%	19%	19%	5.5%	5.7%	5.9%
Median		6.0	5.7	5.4	1.2	1.2	1.2	13.1	12.8	12.3	20%	20%	21%	5.1%	5.5%	5.7%

Power generation company valuations (2018-09-26)

	Price	EV/EBITDA			EV/S			P/E			EBITDA margin			DY		
		2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020
ENERGY COMPANIES																
EDF	15.32	6.0	5.6	5.3	1.3	1.3	1.2	24.6	20.2	17.1	21%	22%	23%	2.0%	2.3%	2.9%
EDP	3.26	8.9	8.5	8.2	2.2	2.2	2.1	15.0	14.0	13.3	25%	26%	25%	5.9%	5.9%	5.9%
Endesa	18.55	7.3	7.2	7.1	1.3	1.2	1.2	13.7	13.3	13.1	17%	17%	18%	7.4%	7.5%	7.7%
Enel	4.61	6.4	6.1	5.9	1.4	1.3	1.3	11.4	10.2	9.6	21%	22%	22%	6.1%	6.9%	7.3%
EON	8.95	7.4	7.0	6.0	0.9	0.9	0.7	13.7	12.7	11.8	12%	12%	11%	4.8%	5.4%	5.9%
Fortum	22.40	15.4	15.5	14.3	4.9	4.8	4.7	23.8	18.5	16.2	32%	31%	33%	4.9%	4.9%	4.9%
Iberdola	6.40	8.9	8.4	7.9	2.2	2.1	2.1	13.6	12.7	12.1	25%	26%	26%	5.2%	5.5%	5.8%
National Grid	764.80	9.9	10.0	9.3	3.3	3.2	3.1	13.1	13.4	12.6	34%	32%	33%	0.0%	0.0%	0.0%
Red Electrica	17.91	9.4	9.1	9.3	7.2	7.1	7.1	13.7	13.2	13.6	77%	77%	77%	5.5%	5.8%	6.0%
RWE	21.46	7.5	7.3	9.8	0.9	0.9	1.4	14.4	12.7	11.0	12%	12%	14%	3.3%	3.8%	4.5%
SSE	1131.00	8.2	8.3	8.2	0.7	0.7	0.7	9.6	9.6	9.6	9%	8%	8%	0.0%	0.0%	0.0%
Verbund	41.20	10.5	9.1	8.2	3.4	3.0	2.9	38.9	30.3	25.4	32%	33%	35%	1.1%	1.5%	1.8%
CEZ	569.50	8.5	8.4	7.8	2.2	2.1	2.0	21.5	20.0	17.8	26%	25%	26%	5.8%	4.7%	5.0%
PGE	9.55	3.6	3.4	3.3	1.0	0.8	0.8	5.8	5.7	6.3	29%	25%	24%	0.0%	0.0%	4.4%
Tauron	1.84	3.7	4.1	3.8	0.8	0.7	0.7	3.5	2.9	3.0	20%	18%	19%	0.0%	0.0%	0.0%
Enea	8.23	3.8	3.3	3.7	0.9	0.8	0.8	4.0	3.1	3.9	23%	23%	21%	0.0%	0.0%	0.0%
Energia	8.00	3.3	3.2	3.4	0.7	0.7	0.7	4.0	4.1	4.4	22%	21%	21%	0.0%	0.0%	0.0%
Median		7.5	7.3	7.8	1.3	1.3	1.3	13.7	12.7	12.1	23%	23%	23%	3.3%	3.8%	4.5%

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

Fertilizer producers and chemical companies (2018-09-26)

	Price	EV/EBITDA			EV/S			P/E			EBITDA margin			DY		
		2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020
FERTILIZER PRODUCERS																
Acron	4666.00	7.9	7.3	6.9	2.5	2.4	2.2	11.4	10.3	9.6	32%	32%	32%	6.5%	6.9%	7.1%
Uralkali	82.80	4.7	4.8	-	2.5	2.5	-	3.7	3.9	-	53%	53%	-	0.0%	0.0%	
Phosagro	2529.00	6.3	6.3	5.7	2.0	1.9	1.8	11.1	10.9	8.1	31%	31%	32%	4.9%	5.7%	6.3%
K+S	18.13	7.9	6.9	6.3	1.6	1.5	1.5	13.7	10.1	8.8	20%	22%	23%	3.1%	4.2%	4.5%
Yara International	391.00	-	55.9	45.6	8.8	8.4	7.6	-	-	-	12%	15%	17%	0.2%	0.4%	0.5%
The Mosaic Company	32.55	8.9	8.0	7.6	1.7	1.7	1.6	21.5	16.8	14.0	20%	21%	22%	0.3%	0.3%	0.7%
CF Industries	54.88	14.1	11.9	11.1	4.5	4.1	4.0	47.2	27.6	22.0	32%	35%	36%	2.3%	2.3%	2.4%
Israel Chemicals	2210.00	8.0	8.9	8.3	1.8	1.8	1.7	17.0	15.5	14.2	23%	20%	20%	0.0%	0.0%	0.0%
Grupa Azoty	33.88	5.4	5.4	5.9	0.5	0.6	0.6	15.0	13.5	12.7	10%	10%	11%	3.5%	2.0%	2.2%
ZA Police*	16.80	8.7	6.5	5.2	0.7	0.6	0.6	25.8	13.7	9.2	8%	10%	12%	3.2%	3.0%	3.0%
ZCh Pulawy*	94.00	3.3	2.5	2.3	0.4	0.3	0.3	10.5	7.5	6.8	11%	14%	15%	6.3%	8.5%	8.5%
Median		7.9	6.9	6.6	1.8	1.8	1.7	14.4	12.2	9.6	20%	21%	21%	3.1%	2.3%	2.7%
CHEMICAL COMPANIES																
Ciech	46.60	5.0	4.7	4.2	1.0	1.0	0.9	7.3	6.9	6.1	20%	21%	21%	16.1%	7.5%	9.5%
Akzo Nobel	80.62	18.5	15.6	13.7	2.3	2.2	2.1	28.5	23.7	19.9	13%	14%	16%	2.7%	2.8%	2.9%
BASF	78.72	7.2	6.9	6.5	1.4	1.3	1.3	12.1	11.2	10.4	19%	19%	19%	4.1%	4.3%	4.4%
Croda	5200.00	17.7	16.4	15.5	5.1	4.9	4.7	27.3	25.2	23.6	29%	30%	30%	0.0%	0.0%	0.0%
Sisecam	6.21	5.6	4.5	3.6	1.2	1.0	0.9	10.3	9.0	7.2	22%	23%	24%	3.1%	3.8%	4.1%
Soda Sanayii	7.00	8.2	6.7	5.3	2.1	1.8	1.6	7.8	7.0	5.7	26%	26%	31%	4.4%	5.9%	7.4%
Solvay	115.80	6.5	6.1	5.7	1.4	1.3	1.3	14.0	13.2	11.6	21%	22%	22%	3.3%	3.3%	3.3%
Tata Chemicals	699.00	8.5	7.9	7.5	1.6	1.6	1.6	15.0	15.5	14.2	19%	21%	21%	1.8%	1.7%	1.8%
Tessenderlo Chemie	32.70	7.8	6.4	5.9	0.9	0.9	0.8	16.1	12.1	10.5	12%	14%	14%	0.0%	-	-
Wacker Chemie	113.00	6.2	5.9	5.7	1.3	1.3	1.2	16.1	14.6	13.5	21%	21%	21%	3.5%	3.9%	4.2%
Median		7.5	6.6	5.8	1.4	1.3	1.3	14.5	12.7	11.0	21%	21%	21%	3.2%	3.8%	4.1%

Machine and equipment manufacturers (2018-09-26)

	Price	EV/EBITDA			EV/S			P/E			EBITDA margin			DY		
		2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020
Atlas Copco	258.10	8.6	8.3	8.0	2.3	2.2	2.1	20.2	18.8	17.8	27%	26%	26%	2.7%	2.9%	3.0%
Caterpillar	153.17	10.7	9.8	9.0	2.2	2.0	1.9	13.2	12.1	11.0	20%	21%	21%	2.1%	2.2%	2.4%
Duro Felguera	0.02	-	-	-	0.8	0.8	-	-	-	-	-	-	-	0.0%	0.0%	-
Famur	5.54	7.6	6.8	6.5	1.6	1.6	1.5	17.4	13.8	12.0	21%	23%	23%	7.9%	8.2%	5.1%
Komatsu	3408.00	10.6	7.8	7.3	1.6	1.5	1.4	16.9	12.8	11.5	15%	19%	19%	2.2%	3.0%	3.4%
Sandvig AG	158.30	8.7	8.6	8.2	2.1	2.0	1.9	15.3	14.4	13.4	24%	23%	24%	2.6%	2.8%	3.1%
Median		9.7	8.2	7.8	1.6	1.6	1.7	16.1	13.3	11.7	21%	22%	22%	2.2%	2.8%	3.3%

Mining company valuations (2018-09-26)

	Price	EV/EBITDA			EV/S			P/E			EBITDA margin			DY		
		2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020
POLISH COMPANIES																
JSW	68.62	2.1	2.3	3.0	0.7	0.7	0.8	4.1	5.4	8.6	33%	30%	25%	0.0%	7.3%	9.2%
KGHM	92.90	4.6	3.4	3.2	1.2	0.9	0.8	7.9	6.1	6.1	25%	26%	26%	0.0%	3.2%	5.7%
LW Bogdanka*	59.50	3.2	2.8	2.7	1.0	1.0	0.9	13.9	9.4	8.8	32%	34%	34%	2.0%	3.1%	4.4%
FOREIGN COMPANIES																
Anglo American	1725.20	4.4	4.7	5.0	1.4	1.4	1.4	9.5	10.2	11.2	32%	31%	28%	0.0%	0.0%	0.0%
Antofagasta	862.00	5.3	4.6	4.4	2.7	2.5	2.4	14.1	12.0	11.8	51%	54%	55%	0.0%	0.0%	0.0%
BHP Billiton	34.50	4.0	4.2	4.4	2.2	2.2	2.3	14.4	14.5	16.2	54%	54%	52%	2.5%	2.7%	2.3%
Boliden	241.70	4.6	4.9	5.0	1.3	1.3	1.3	8.9	10.0	10.4	28%	26%	26%	7.0%	6.6%	6.8%
First Quantum	16.07	8.2	5.8	4.5	3.7	2.9	2.4	15.6	9.4	6.7	46%	51%	54%	0.0%	0.1%	0.2%
Freeport-McMoRan	14.00	3.9	5.8	4.6	1.5	1.9	1.7	7.4	12.2	8.8	39%	33%	37%	1.3%	2.0%	3.5%
Hudbay Min	6.41	2.7	2.7	2.5	1.2	1.2	1.2	8.9	8.1	7.0	44%	45%	46%	0.2%	0.2%	0.2%
Lundin Min	6.78	4.3	3.9	3.1	1.8	1.7	1.5	13.6	12.2	8.7	42%	45%	48%	1.4%	1.2%	1.2%
MMC Norilsk Nickel	17.93	6.0	5.8	5.7	3.1	3.0	2.9	8.0	7.9	8.4	51%	51%	51%	8.8%	10.6%	10.5%
OZ Minerals	9.40	5.3	5.5	4.5	2.5	2.5	2.1	15.3	16.5	11.6	47%	46%	47%	2.1%	1.7%	2.4%
Rio Tinto	3886.00	4.3	4.7	4.7	2.0	2.1	2.0	10.7	11.8	12.0	46%	44%	43%	0.0%	0.0%	0.0%
Sandfire Resources	7.48	3.1	2.8	2.3	1.6	1.5	1.2	9.2	7.6	5.5	52%	52%	55%	3.7%	4.2%	5.8%
Southern CC	43.54	9.8	8.8	8.4	5.0	4.6	4.4	17.6	15.7	15.0	51%	52%	53%	3.9%	3.2%	3.3%
Vedanta Resources	825.20	4.7	3.9	3.5	1.2	1.3	1.0	12.1	6.8	5.0	26%	33%	28%	0.0%	0.0%	0.0%
Median		4.5	4.7	4.5	1.9	2.0	1.9	11.4	11.0	9.6	46%	46%	47%	1.3%	1.5%	1.8%

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

European telecom valuations (2018-09-26)

	Price	EV/EBITDA			EV/S			P/E			EBITDA margin			DY		
		2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020
POLISH COMPANIES																
Netia	4.45	5.3	5.6	5.7	1.4	1.4	1.5	40.5	48.9	42.8	25%	25%	26%	0.0%	0.0%	0.0%
Orange Polska	4.58	4.2	3.8	3.4	1.1	1.1	1.0	20.1	11.0	7.6	27%	28%	29%	0.0%	0.0%	5.5%
Play	20.36	5.5	5.4	5.1	1.7	1.7	1.6	6.5	7.3	7.1	32%	31%	31%	12.8%	6.4%	6.4%
Median		5.3	5.4	5.1	1.4	1.4	1.5	20.1	11.0	7.6	27%	28%	29%	0%	0.0%	5.5%
MID CAPS																
Proximus	20.50	5.0	4.9	4.9	1.6	1.6	1.6	11.9	11.7	11.5	32%	32%	32%	7.3%	7.3%	7.4%
Telefonica CP	258.50	8.5	8.5	8.4	2.3	2.3	2.3	14.9	14.2	13.7	27%	27%	27%	7.8%	7.9%	7.8%
Hellenic Telekom	10.91	4.8	4.7	4.6	1.6	1.6	1.6	19.2	16.2	14.6	34%	34%	35%	4.2%	5.3%	5.9%
Matav	394.00	3.8	3.8	3.8	1.2	1.2	1.2	9.3	9.6	9.1	31%	31%	31%	6.3%	6.8%	7.3%
Telecom Austria	6.85	5.2	5.1	4.9	1.6	1.6	1.6	13.9	11.3	10.0	32%	32%	32%	2.9%	3.5%	3.9%
Median		5.0	4.9	4.9	1.6	1.6	1.6	13.9	11.7	11.5	32%	32%	32%	6.3%	6.8%	7.3%
BIG CAPS																
BT	225.30	4.3	4.4	4.4	1.4	1.4	1.4	8.3	8.5	8.5	32%	31%	32%	0.0%	0.0%	0.0%
DT	13.91	5.8	5.5	5.2	1.7	1.7	1.6	14.6	12.9	11.8	30%	31%	31%	5.1%	5.5%	5.9%
KPN	2.31	7.0	6.9	6.8	2.7	2.8	2.7	20.4	18.3	16.0	39%	40%	40%	5.6%	7.9%	9.1%
Orange France	13.76	4.9	4.8	4.7	1.5	1.5	1.5	12.6	11.6	10.5	31%	32%	32%	5.1%	5.4%	5.6%
Swisscom	448.10	7.4	7.4	7.4	2.6	2.7	2.7	15.4	15.5	15.7	36%	36%	36%	4.9%	4.9%	4.9%
Telefonica S.A.	6.89	5.7	5.6	5.5	1.8	1.8	1.8	9.8	9.0	8.5	32%	32%	33%	5.9%	5.9%	6.1%
Telia Company	41.24	8.4	8.1	8.1	2.7	2.7	2.7	15.5	14.7	14.2	33%	33%	33%	5.7%	5.9%	6.0%
TI	0.55	4.3	4.2	4.2	1.8	1.8	1.8	7.8	7.3	6.9	43%	44%	44%	0.7%	1.5%	2.6%
Median		5.7	5.6	5.3	1.8	1.8	1.8	13.6	12.2	11.2	32%	33%	33%	5.1%	5.4%	5.8%

Media company valuations (2018-09-26)

	Price	EV/EBITDA			EV/S			P/E			EBITDA margin			DY		
		2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020
POLISH COMPANIES																
Agora	9.06	3.5	3.9	3.9	0.4	0.4	0.4	45.5	56.8	18.1	11%	10%	10%	5.5%	5.5%	5.5%
Cyfrowy Polsat	22.50	7.0	6.1	5.7	2.4	2.1	1.9	13.1	11.2	10.0	34%	34%	34%	0.0%	1.4%	2.2%
Median		5.2	5.0	4.8	1.4	1.2	1.2	29.3	34.0	14.1	0.2	0.2	0.2	0.0	0.0	0.0
DAILY																
Amolgo Mondadori	1.52	6.4	5.6	5.5	0.5	0.5	0.5	13.1	9.8	9.7	7%	9%	9%	0.7%	1.6%	2.4%
Axel Springer	58.40	10.6	9.7	9.0	2.5	2.4	2.3	20.4	18.2	16.4	23%	24%	25%	3.6%	3.7%	4.0%
Daily Mail	754.50	11.9	11.6	11.3	1.8	1.8	1.8	18.7	18.6	17.0	15%	15%	16%	0.0%	0.0%	0.0%
Gruppo Editoriale	0.39	6.5	6.6	6.4	0.5	0.5	0.5	12.7	11.6	11.9	7%	8%	8%	1.3%	3.1%	4.1%
New York Times	22.65	12.9	11.2	9.6	2.1	2.1	2.0	26.0	20.7	15.5	17%	18%	21%	0.7%	0.7%	0.7%
Promotora de Inform	2.00	8.7	8.3	7.5	1.7	1.8	1.7	12.7	18.2	16.9	20%	21%	23%	0.4%	0.4%	0.7%
Reach	64.80	1.7	1.6	1.6	0.4	0.4	0.4	1.8	1.7	1.7	23%	24%	25%	0.0%	0.0%	0.0%
Median		8.7	8.3	7.5	1.7	1.8	1.7	13.1	18.2	15.5	17%	18%	21%	0.7%	0.7%	0.7%
TV																
Atresmedia Corp	5.61	7.3	6.9	6.7	1.4	1.4	1.3	8.8	8.2	8.1	19%	20%	20%	9.6%	10.2%	10.5%
Gestevisión Telecinco	6.50	7.7	7.3	7.0	2.0	2.0	1.9	11.1	10.6	10.5	26%	27%	28%	9.2%	9.3%	9.4%
ITV PLC	157.15	8.4	8.3	7.8	2.2	2.2	2.1	10.2	10.2	9.4	27%	26%	27%	0.0%	0.0%	0.0%
M6-Metropole Tel	18.00	5.4	5.3	5.2	1.5	1.5	1.5	13.1	12.6	12.2	28%	28%	28%	5.5%	5.8%	6.0%
Mediaset SPA	2.73	3.6	3.8	3.8	1.4	1.5	1.5	17.4	11.6	9.7	39%	40%	40%	4.1%	5.7%	6.5%
Modern Times	331.20	12.2	11.3	10.1	1.2	1.2	1.1	21.1	19.8	17.4	10%	10%	11%	3.9%	4.1%	4.2%
Prosieben	22.37	6.6	6.2	5.9	1.7	1.6	1.5	9.7	9.1	8.7	25%	26%	26%	8.7%	9.1%	9.4%
RTL Group	61.60	7.6	7.4	7.1	1.6	1.5	1.5	13.2	12.0	12.0	21%	21%	21%	6.6%	6.5%	6.7%
TF1-TV Francaise	9.43	5.0	4.3	4.1	0.8	0.8	0.8	15.9	11.3	10.4	17%	19%	20%	3.9%	4.8%	5.3%
Median		7.1	6.8	6.4	1.5	1.5	1.5	13.1	11.4	10.4	25%	26%	27%	4.8%	5.8%	6.3%
PAY TV																
Sky PLC	1730.50	15.4	14.4	12.9	2.6	2.5	2.4	26.6	24.7	21.4	17%	17%	19%	0.0%	0.0%	0.0%
Cogeco	64.94	5.4	5.0	4.9	2.4	2.3	2.2	10.4	10.4	10.6	45%	46%	46%	2.9%	3.2%	3.2%
Comcast	35.37	7.7	7.3	7.0	2.5	2.4	2.3	13.9	12.7	11.0	32%	33%	33%	2.1%	2.4%	2.7%
Dish Network	35.59	8.4	9.5	10.9	1.6	1.7	1.8	13.1	15.7	22.0	20%	18%	16%	0.0%	0.0%	0.0%
Liberty Global	28.91	5.9	5.8	5.6	2.8	2.8	2.7	-	53.3	34.9	47%	48%	48%	0.0%	0.0%	0.0%
Shaw Communications	19.23	8.0	7.4	6.9	3.1	3.0	2.9	22.8	18.2	15.5	39%	40%	42%	8.1%	8.1%	8.2%
Median		7.9	7.4	6.9	2.6	2.5	2.4	13.9	17.0	18.4	36%	37%	37%	1.1%	1.2%	1.3%

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

IT company valuations (2018-09-26)

	Price	EV/EBITDA			EV/S			P/E			EBITDA margin			DY		
		2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020
POLISH COMPANIES																
AB*	20.40	5.8	5.7	5.5	0.1	0.1	0.1	5.5	5.1	4.8	1%	1%	1%	0.0%	2.5%	4.5%
Asseco Poland	46.50	8.1	7.9	7.9	1.0	1.0	1.0	13.7	15.0	14.9	13%	13%	13%	6.5%	4.3%	4.3%
Comarch	168.50	9.6	8.3	7.9	1.1	1.0	1.0	24.3	17.9	16.3	12%	13%	13%	0.9%	5.9%	5.9%
Median		8.1	7.9	7.9	1.0	1.0	1.0	13.7	15.0	14.9	12%	13%	13%	0.9%	4.3%	4.5%
FOREIGN COMPANIES																
Atos Origin	107.65	6.8	6.0	5.7	0.9	0.9	0.8	12.4	11.1	10.5	14%	14%	15%	1.7%	1.9%	2.0%
CapGemini	111.60	10.8	10.0	9.4	1.5	1.4	1.4	18.7	16.7	15.4	14%	14%	15%	1.6%	1.8%	2.0%
IBM	151.61	8.7	8.4	8.8	2.1	2.1	2.1	11.0	10.8	10.4	24%	25%	24%	4.1%	4.3%	4.5%
Indra Sistemas	9.84	7.6	6.9	6.5	0.7	0.7	0.7	14.3	12.1	10.8	10%	10%	11%	0.7%	1.9%	2.5%
Microsoft	113.98	18.2	15.6	14.0	7.5	6.6	6.0	29.7	26.8	23.5	41%	42%	43%	1.5%	1.6%	1.7%
Oracle	51.63	10.6	10.3	9.8	4.9	4.8	4.7	16.7	15.3	14.3	47%	47%	48%	1.5%	1.5%	1.6%
SAP	107.52	17.1	15.1	13.7	5.4	5.0	4.6	24.5	21.9	19.6	32%	33%	34%	1.4%	1.5%	1.6%
TietoEnator	27.00	10.1	9.7	9.3	1.3	1.3	1.3	15.3	14.7	14.1	13%	13%	13%	5.3%	5.4%	5.6%
Median		10.3	9.9	9.4	1.8	1.8	1.7	16.0	15.0	14.2	19%	20%	19%	1.5%	1.8%	2.0%

Construction company valuations (2018-09-26)

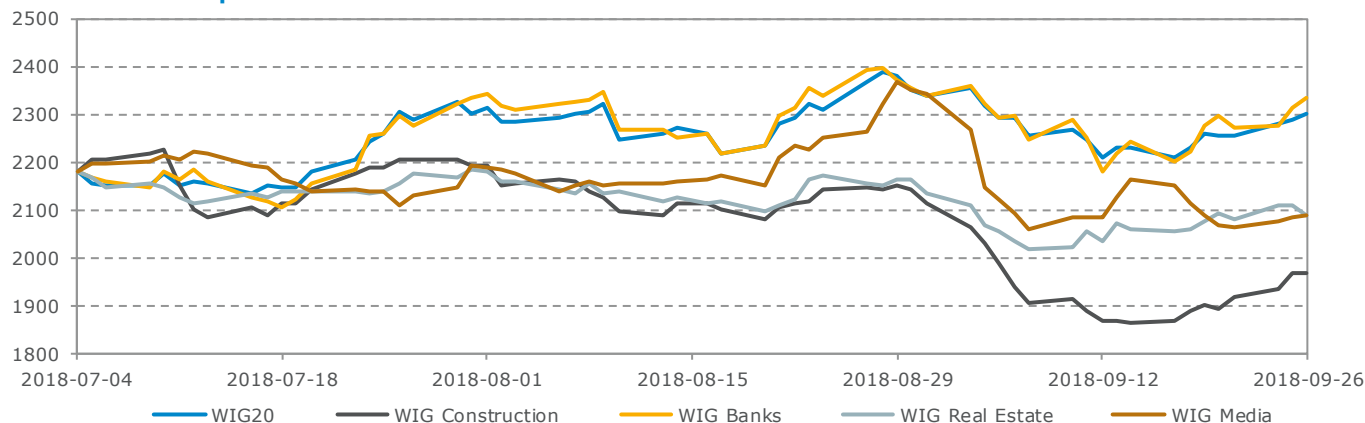
	Price	EV/EBITDA			EV/S			P/E			EBITDA margin			DY		
		2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020
POLISH COMPANIES																
Budimex	111.40	3.9	4.9	5.3	0.2	0.2	0.2	11.5	13.0	12.4	5%	4%	5%	15.8%	8.2%	7.3%
Elektrobudowa	37.20	-	4.7	4.2	0.2	0.2	0.2	-	9.9	9.7	-	5%	6%	28.2%	0.0%	8.1%
Elektrotim	4.20	4.6	3.9	3.2	0.1	0.1	0.1	25.5	10.7	8.4	3%	3%	4%	0.0%	4.8%	7.1%
Erbud	9.60	-	4.4	3.4	0.1	0.1	0.1	-	10.4	6.1	-	2%	2%	11.5%	0.0%	5.7%
Herkules	2.71	4.8	3.9	3.7	1.2	0.9	0.8	8.5	6.0	5.9	26%	23%	23%	2.6%	6.6%	7.4%
Torpol	5.18	6.5	3.9	3.2	0.1	0.1	0.1	24.2	7.5	6.1	2%	3%	3%	0.0%	0.0%	3.9%
Trakcja	3.47	6.1	5.9	4.6	0.2	0.2	0.2	27.3	24.8	11.7	3%	3%	3%	2.9%	0.0%	5.8%
Ulma Construcion	73.00	3.6	3.5	3.3	1.5	1.4	1.4	9.1	8.8	9.5	40%	41%	41%	5.2%	5.5%	5.5%
Unibep	5.16	3.9	3.0	2.8	0.1	0.1	0.1	5.9	5.1	5.6	3%	4%	3%	2.9%	5.9%	7.9%
ZUE	5.56	7.2	5.8	3.5	0.2	0.2	0.1	17.8	9.6	6.3	3%	3%	4%	0.0%	0.0%	5.4%
Median		4.7	4.2	3.4	0.2	0.2	0.1	14.7	9.7	7.4	3%	3%	4%	2.9%	2.4%	6.5%
FOREIGN COMPANIES																
Acciona	77.00	7.7	7.6	7.4	1.4	1.4	1.3	17.9	16.9	15.1	18%	18%	18%	4.0%	4.2%	4.4%
Astaldi	1.18	4.5	4.5	4.4	0.5	0.5	0.4	2.1	2.1	1.8	10%	10%	10%	0.0%	0.0%	-
Ferrovial	18.14	28.5	20.1	18.3	1.5	1.5	1.4	61.5	32.1	27.7	5%	7%	8%	4.0%	4.1%	4.2%
Hochtief	140.40	6.3	5.9	5.4	0.4	0.4	0.3	17.6	15.3	14.3	6%	6%	6%	3.3%	3.8%	4.1%
Mota Engil	2.15	4.0	3.6	3.4	0.6	0.6	0.5	13.4	7.0	5.5	16%	16%	16%	2.1%	4.0%	7.5%
NCC	156.25	7.3	5.4	5.0	0.3	0.2	0.2	15.2	10.8	9.8	3%	5%	5%	5.7%	6.2%	6.7%
Skanska	174.30	10.5	9.1	8.6	0.4	0.4	0.4	15.6	13.6	12.6	4%	5%	5%	4.8%	5.0%	5.1%
Strabag	34.25	3.4	3.3	3.2	0.2	0.2	0.2	11.9	11.6	10.9	6%	6%	6%	3.9%	4.0%	4.4%
Median		6.8	5.6	5.2	0.4	0.5	0.4	15.4	12.6	11.7	6%	7%	7%	3.9%	4.1%	4.4%

Real-estate developers (2018-09-26)

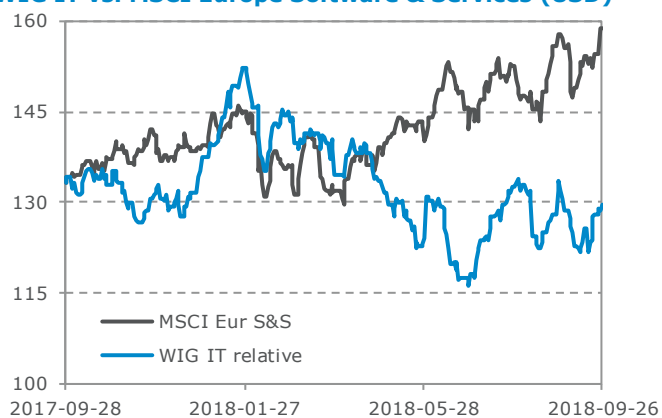
	Price	EV/EBITDA			P/BV			P/E			EBITDA margin			DY		
		2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020
POLISH COMPANIES																
BBI Development	0.48	12.7	5.3	11.5	0.3	0.2	0.2	11.1	5.3	9.2	16%	52%	41%	0.0%	0.0%	0.0%
Dom Development	66.80	5.7	6.2	5.9	1.6	1.6	1.5	6.9	7.3	6.5	18%	17%	18%	11.4%	14.2%	13.7%
Echo Investment	4.35	7.0	7.2	8.8	1.1	1.0	1.0	5.9	5.5	6.7	77%	53%	39%	11%	12%	12.8%
GTC	8.46	14.6	13.8	12.5	0.9	0.9	0.8	10.2	8.9	7.7	88%	91%	94%	0.2%	0.2%	0.3%
i2 Development	13.05	7.2	6.0	2.1	0.5	0.5	0.4	4.0	4.5	2.9	17%	11%	20%	8.2%	12.6%	11.1%
J.W. Construction	2.72	8.4	3.7	4.3	0.3	0.3	0.3	7.4	3.0	3.6	13%	18%	17%	0.0%	0.0%	0.0%
PA Nova	18.20	9.9	11.0	10.4	0.5	0.5	0.4	5.9	6.9	6.6	24%	20%	21%	0.0%	4.1%	5.5%
Polnord	9.48	-	-	17.9	0.4	0.4	0.4	-	-	18.5	2%	1%	7%	0.0%	0.0%	0.0%
Ronson	1.05	12.3	10.8	6.1	0.5	0.5	0.4	11.3	7.5	4.5	9%	12%	13%	5.7%	5.7%	6.7%
Median		9.2	6.7	8.8	0.5	0.5	0.4	7.2	6.2	6.6	17%	18%	20%	0%	4%	5%
FOREIGN COMPANIES																
Atrium European RE	3.85	14.9	14.8	14.6	0.8	0.8	0.7	12.5	12.3	11.7	86%	84%	82%	8.8%	7.2%	7.4%
CA Immobilien Anlagen	29.90	26.2	23.0	19.8	1.1	1.0	0.9	24.6	22.5	20.3	76%	82%	66%	2.9%	3.1%	3.5%
Deutsche Euroshop AG	27.96	16.4	16.4	16.3	0.7	0.7	0.8	12.6	12.6	12.6	89%	89%	89%	5.3%	5.5%	5.7%
Immofinanz AG	22.54	31.8	27.8	26.3	0.8	0.8	0.8	24.0	21.4	18.4	56%	62%	64%	3.3%	3.6%	3.7%
Klepierre	30.66	20.1	19.5	18.8	0.8	0.8	0.8	11.9	11.4	11.1	84%	84%	84%	6.9%	7.1%	7.3%
Segro	639.60	33.0	30.0	27.4	1.0	1.0	0.9	29.1	26.3	24.4	75%	75%	78%	0.0%	0.0%	0.0%
Unibail Rodamco SE	190.00	22.2	21.4	20.1	0.9	0.9	0.9	14.8	14.0	13.3	95%	95%	96%	6.0%	6.3%	6.6%
Median		22.2	21.4	19.8	0.8	0.8	0.8	14.8	14.0	13.3	84%	84%	82%	5.3%	5.5%	5.7%

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

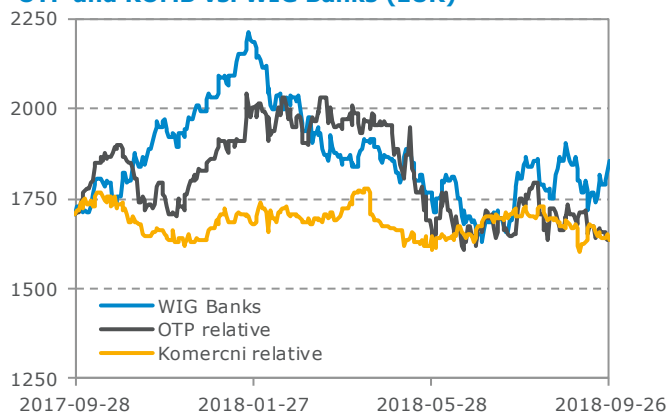
WIG sector index performance



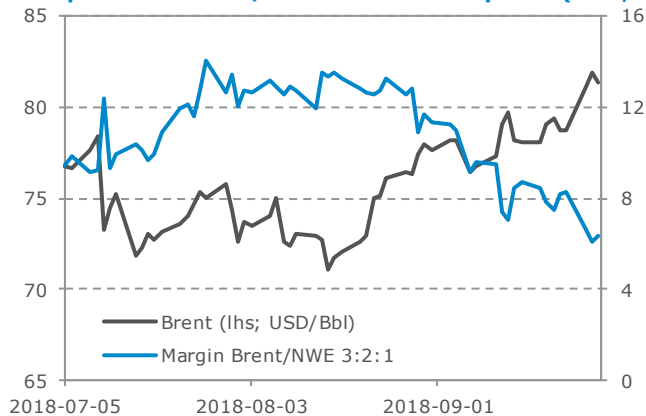
WIG IT vs. MSCI Europe Software & Services (USD)



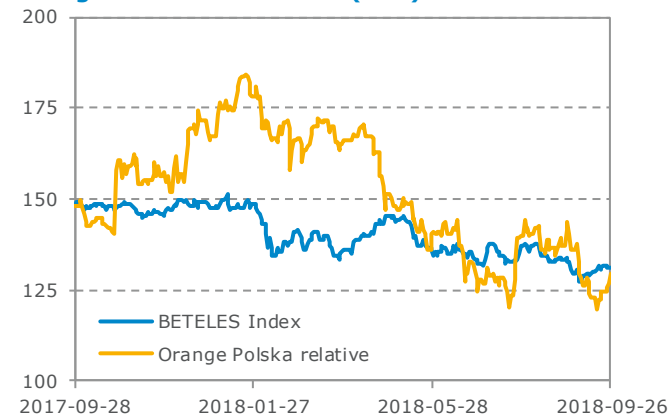
OTP and KOMB vs. WIG Banks (EUR)



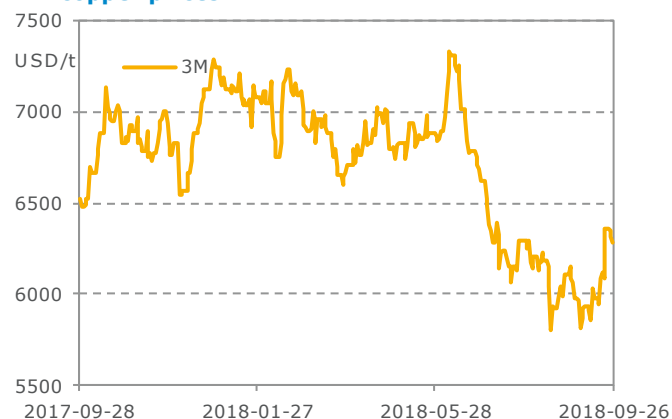
Brent price and Brent/NWE 3:2:1 crack spread (USD, rhs)



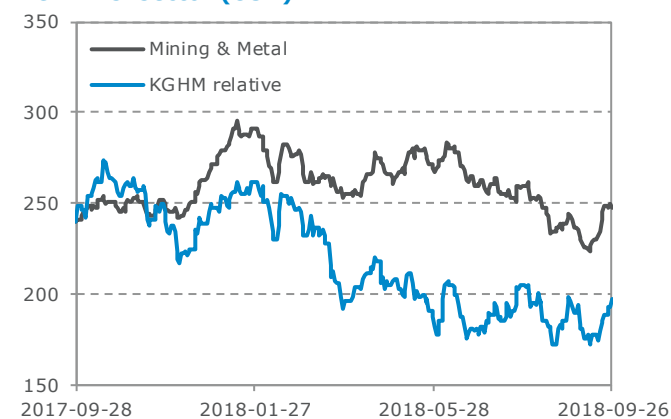
Orange Polska vs. BETELES (EUR)



LME copper prices



KGHM vs. sector (USD)



Source: Bloomberg

Global Market Overview

Index	Date	Open	Maximum	Minimum	Close	Change
DJIA	2018-09-26	26,536.86	26,606.09	26,349.34	26,385.28	-0.40%
S&P 500	2018-09-26	2,916.98	2,931.15	2,903.28	2,905.97	-0.33%
NASDAQ	2018-09-26	8,011.68	8,067.03	7,982.77	7,990.37	-0.21%
DAX	2018-09-26	12,395.20	12,395.92	12,329.52	12,385.89	+0.09%
CAC 40	2018-09-26	5,482.99	5,512.75	5,471.57	5,512.73	+0.61%
FTSE 100	2018-09-26	7,507.56	7,522.06	7,490.20	7,511.49	+0.05%
WIG20	2018-09-26	2,292.73	2,304.45	2,285.30	2,304.45	+0.62%
BUX	2018-09-26	35,870.48	36,254.72	35,854.15	35,996.04	+0.35%
PX	2018-09-26	1,106.80	1,110.17	1,100.77	1,100.77	-0.50%
RTS	2018-09-26	1,715.59	1,723.82	1,692.79	1,701.09	-1.02%
SOFIX	2018-09-26	623.52	623.88	621.36	623.10	-0.07%
BET	2018-09-26	8,378.04	8,379.08	8,354.01	8,374.90	-0.04%
XU100	2018-09-26	99,708.98	99,895.26	98,147.61	99,148.85	-0.14%
BETELES	2018-09-26	131.02	131.28	130.32	131.15	+0.18%
NIKKEI	2018-09-26	23,846.60	24,033.79	23,833.92	24,033.79	+0.39%
SHCOMP	2018-09-26	2,785.32	2,827.34	2,783.34	2,806.81	+0.92%
Copper (LME)	2018-09-26	6,276.50	6,317.00	6,256.00	6,282.00	-0.57%
Crude Oil (Brent)	2018-09-26	81.10	81.72	80.72	81.28	+0.09%
USD/PLN	2018-09-26	3.6468	3.6525	3.6211	3.6398	-0.19%
EUR/PLN	2018-09-26	4.2910	4.2926	4.2687	4.2728	-0.43%
EUR/USD	2018-09-26	1.1767	1.1798	1.1726	1.1739	-0.24%
USBonds10	2018-09-26	3.0964	3.0964	3.0462	3.0480	-0.0484
GRBonds10	2018-09-26	0.5370	0.5420	0.5260	0.5260	-0.0170
PLBonds10	2018-09-26	3.2730	3.2740	3.2210	3.2420	-0.0310

WIG20 Index



BUX Index



PX Index

S&P 500 (SPX Index)



NASDAQ (CCMP Index)

DOW JONES (INDU Index)



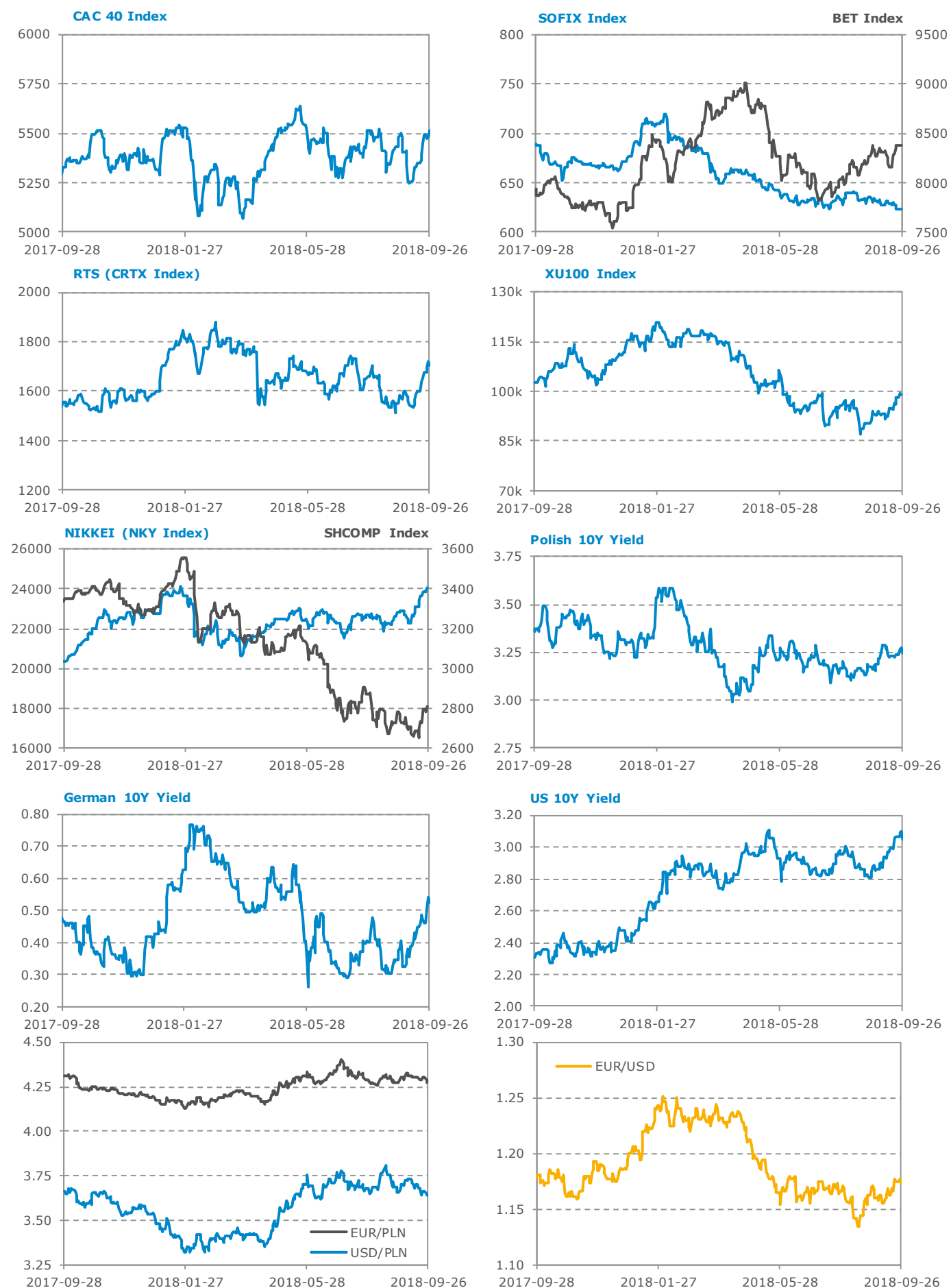
DAX Index



FTSE 100 (UKX Index)



Source: Bloomberg



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

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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.

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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.

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