

Stock Market Update

Equity

Ukraine's main domestic equity index had a moderate rebound of 2.2% last week after dropping sharply by 10% over the preceding week after the ex-rights date for CentrEnergy's dividend passed and the stock saw heavy losses. Quotes for CEEN now stands at UAH 16.75 after being above UAH 23 ahead of the deadline for the UAH 3.84 dividend per share payout.

The UX index closed at 1677 points on Friday (Jun 1). Low liquidity DonbasEnergy (DOEN) was the best performing index component, jumping by 11% to UAH 24.35 per share. Raiffeisen Bank Aval (BAVL) was also a notable gainer, picking up 4.4% to close at 33.70 kopecks. UkrNafta (UNAF) continued to disappoint, trading at UAH 107 after losing nearly 6% over the last two weeks.

Motor Sich's (MSICH) stock remained frozen into a second month with no announcement on when circulation might be resumed.

London-listed Ferrexpo (FXPO) continued to struggle, sliding 3.5% to GBp 220 as the outlook for benchmark iron ore pricing remains cloudy, and low-liquidity MHP (MHPC) slipped 0.4% to USD 13.50 despite reporting a quite strong net profit of USD 0.85 per share for 1Q18. Distressed issue Avangardco (AVGR) did not react to an announcement that the company had a net loss of USD 0.18 per share in 1Q18. The rarely-traded issue is listed at USD 0.37 per share after having commanded an IPO price at USD 15 back in 2010.

In Warsaw trading, Kernel (KER) declined by 0.9% to PLN 52.50 after the company posted weak financial results for Jan-Mar quarter. Kernel had a net loss of USD 0.48 (PLN 1.76) per share for the period.

The hryvnia stayed in a tight range last week, closing at 26.12 UAH/USD. The National Bank kept its key refinancing rate unchanged at 17% at its most recent board meeting held on May 24. New NBU Governor Yakiv Smoliy hinted at a toughening of monetary policy and re-introduction of some capital controls if Ukraine fails to resume its IMF loan program and inflation starts to pick up.

Highlights

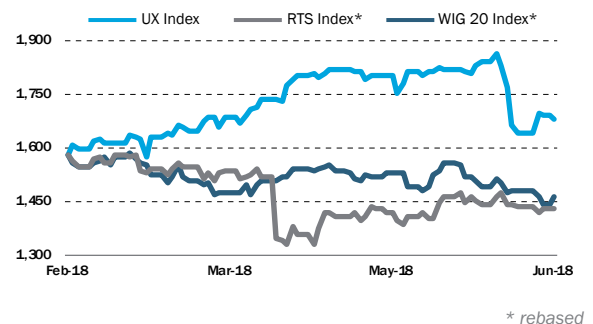
POLITICS AND ECONOMICS

- > Lutsenko Briefs Western Diplomats on Faked Journalist Assassination
- > Industrial Output Growth Accelerates to 3% in April from 1% in March

STOCKS IN THE NEWS

- > MHP's Revenue Up 10% YoY in 1Q18 Despite Sunflower Oil Setback

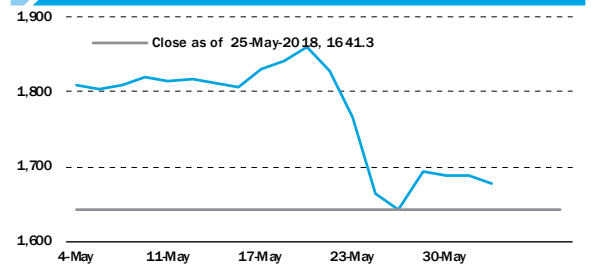
STOCK MARKET PERFORMANCE



MARKET INDEXES

	Last	1W ch	1M ch	YTD
UX	1676.8	2.2%	-6.8%	23.0%
RTS	1164.4	-0.5%	0.9%	0.9%
WIG20	2190.3	-1.0%	-4.4%	-11.0%
MSCI EM	1130.2	-0.6%	-2.8%	-2.4%
S&P 500	2734.6	0.5%	3.0%	2.3%

UX 1M PERFORMANCE



FIXED INCOME

	Last	1W ch	1M ch	YTD
EMBI+Global	366	4.8%	8.7%	17.8%
NBU Key Rate	17.0%	0.0 p.p.	0.0 p.p.	2.5 p.p.
Ukraine-19	5.5%	-1.7 p.p.	-2.1 p.p.	1.1 p.p.
Ukraine-27	8.2%	0.4 p.p.	0.1 p.p.	1.0 p.p.
MHP-20	4.3%	0.1 p.p.	0.3 p.p.	0.2 p.p.
UZ Rail-21	7.4%	0.1 p.p.	0.4 p.p.	1.0 p.p.

CURRENCY

	Last, UAH	1W ch	1M ch	YTD
USD	26.12	0.0%	-0.4%	-7.1%
EUR	30.44	0.0%	-3.2%	-9.6%
RUB	0.42	-0.1%	1.9%	-13.7%

COMMODITIES

	Last	1W ch	1M ch	YTD
Wheat, USD/t*	197.5	0.0%	-1.5%	10.0%
Steel, USD/t	520.0	0.0%	3.0%	0.0%
Oil, USD/bbl	76.8	0.4%	5.6%	14.8%
Gold, USD/oz	1293.7	-0.6%	-0.8%	-0.7%

*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

Lutsenko Briefs Western Diplomats on Faked Journalist Assassination

by Will Ritter
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NEWS

Prosecutor General Yuriy Lutsenko held a closed briefing on Friday (Jun 1) for diplomatic officials in Kyiv from most major Western countries to inform them about some specifics on a widely publicized operation to fake the murder of a well-known Russian dissident journalist. The reporter, Arkadiy Babchenko, was reportedly killed last Tuesday (May 29) in his Kyiv apartment, but then appeared alive the following day at a press conference. The Ukrainian Security Service (SBU) announced that a sting operation had been conducted to catch the organizers of a real plot to assassinate Babchenko, as well as other journalists in Ukraine including veteran television news host Yevgeniy Kiselev, that was sponsored by Russian intelligence. On Thursday (May 31), Boris Herman, a top manager at a private Ukrainian arms manufacturer, was arrested and fingered as the intermediary in charge of the plot. Herman is accused of paying a hired assassin who was actually cooperating with the SBU. The initial Western media and diplomatic reaction to the faked assassination was negative, but diplomats were reportedly placated by Lutsenko's explanations on Friday at which he presumably provided evidence that the threat against Babchenko's life was real.

COMMENTARY

We think the outrage from Western circles over the faked assassination is misplaced. Unfortunately, the threat of Russian-sponsored murders in Ukraine and Western countries needs to be countered with unorthodox tactics, and Western governments have simply been too slow and too passive in responding to "hybrid" attacks that are coming from the Russian state and/or affiliated Russian structures. Certainly for Babchenko himself, it was an easy decision to take part in this operation. We also see this event through a domestic political lens, as it was personally approved by President Poroshenko and it appears to have come off as a major political victory for him. We think that Poroshenko is currently lobbying for US support in his re-election bid, and this is exactly the type of highly-publicized success story that would get the attention of US President Trump. Ukraine's presidential race remains rather unpredictable 10 months out, but at this point we view both of the top challengers to Poroshenko, Batkivschyna Party leader Yulia Tymoshenko and Opposition Bloc leader Yuriy Boyko, as weak candidates. More serious challenges to Poroshenko could come from Prime Minister Volodymyr Groysman or popular music star Sviatoslav Vakarchuk, but neither have announced their candidacies. The window for any new major presidential candidates to emerge will close by the end of September, in our estimation.

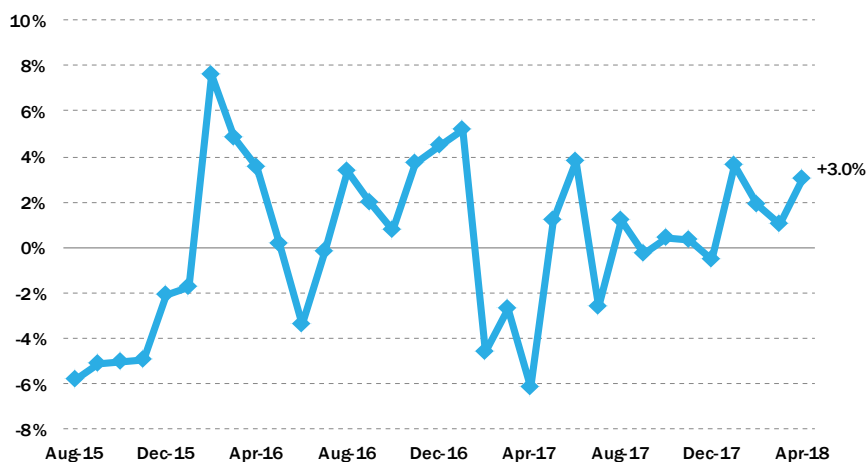
Industrial Output Growth Accelerates to 3% in April from 1% in March

by Dmitry Churin
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NEWS

Ukraine’s aggregate industrial output increased by 3.0% YoY in April after 1.0% YoY growth in March and 1.9% YoY in February, the State Statistics Committee (UkrStat) reported in late May. The month-on-month change (unadjusted for the different number of business days) was a drop of 5.0%. Output in the extraction sector rose by 5.6% YoY in April on the back of a 13.2% YoY increase in coal production. The manufacturing production index edged up by 0.8% YoY in the period and the utility sector’s output index grew by 8.6% YoY. For 4M18, the IP index is up by 2.6% YoY.

UKRAINE’S MONTHLY INDUSTRIAL PRODUCTION INDEX, YOY



Source: State Statistics Committee

COMMENTARY

It was expected that Ukraine’s industrial production data would improve in April. However, the growth in the overall production index was mostly driven by the extraction and the utility sectors, while core manufacturing sector growth was moderate. The aggregate manufacturing index was negatively affected by a 28.6% YoY drop in electronic device production in the country as well as a quite surprising 4.1% YoY decline in food & beverage output in April. On the other hand, UkrStat reported that Ukraine’s chemical products output grew by an impressive 31.1% YoY during the month. We assume that the chemical product output growth was achieved due to a spike in fertilizer production after the Ukrainian government imposed a ban on imports of Russian fertilizers in March of this year.

In other key macroeconomic statistics, UkrStat said that retail sales growth remained at a very strong level of 7.6% YoY in April, while the more volatile construction sector demonstrated a decline of 7.4% YoY in the period. For 4M18 the construction sector index has slipped 0.8% YoY. UkrStat also reported that the agro production index decreased by 0.5%, YoY with household agricultural output falling 2.9% YoY while industrial agro output rose 1.8% YoY in the period.

MHP's Revenue Up 10% YoY in 1Q18 Despite Sunflower Oil Setback

by Dmitry Churin
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MHP (MHPC LI)

Price: USD 13.50 Market Cap: USD 1,427mn

	P/B	EV/S	P/E	EV/EBITDA	Div. Yield
2017	1.8	1.9	6.2	4.5	5.6%
2018E	1.8	1.7	4.4	4.5	5.6%

NEWS

London-listed poultry producer MHP reported that its revenue rose by 10% YoY to USD 306mn in 1Q18 on the back of a 29% YoY rise in poultry sales to USD 217mn in the period, according to the company's financials released on May 22. The poultry segment delivered firm results, with sales volume increasing by 9% YoY to 135,300 tonnes and achieved pricing up by 22% YoY in USD terms. Meanwhile, the vegetable oil segment had a weak first-quarter performance, with revenue falling by 25% YoY to USD 51mn. The company's overall EBITDA saw a decline of 4% YoY to USD 89mn, while net profit surged by 58% YoY to USD 90mn.

MHP's export sales were USD 162mn in 1Q18, accounting for 53% of total revenue.

On the balance sheet side, MHP reported that its total debt was USD 1.2bn as of Mar 31, with a 92% share of long-term liabilities in this figure and a weighted-average interest rate of 7.4%. The debt-to-EBITDA ratio was 2.33x, down from 2.55x a year earlier. MHP has a non-binding Eurobond covenant limit of 3.0x.

MHP FINANCIALS

USD mn	1Q18	1Q17	chg.
Net revenue	306	279	+10%
EBITDA	89	93	-4%
margin	29%	33%	-4 p.p.
Net Income	90	57	+58%
net margin	29%	20%	+9 p.p.

Source: Company data.

COMMENTARY

MHP delivered a strong increase in net profit due to a substantial USD 55mn foreign exchange gain in 1Q18 (the FX gain was USD 7mn in 1Q17). So if we look at operating profit, it actually declined by 16% YoY to USD 62mn in the period. Although the company's financial results were more or less in line with expectations, we think that MHP had a successful 1Q18, as its poultry export sales continued to increase and domestic revenue also improved in USD terms amid strength in the hryvnia. The company said that its sunflower oil sales volume decrease of 42% YoY in 1Q was due to changes in delivery terms which caused a temporary delay in deliveries. This implies that MHP's sunflower oil sales volume should rebound in 2Q.

In 1Q18 MHP's total CapEx amounted to USD 52mn, mainly related to preparation of construction at the so-called "Phase 2" of the company's Vinnytsia poultry complex.

Currently MHP is valued at 2018 P/E of 4.4x and EV/EBITDA of 4.5x; the stock has risen 17% YtD to USD 13.50 per share. Eavex Capital has a BUY rating for MHPC with a target price of USD 16.50 per share, implying an upside of 25%.

EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
Agriculture						
Kernel	KER PW	52.6	82.0	56%	BUY	With on-demand borrowing access, Kernel is well placed to further consolidate its position in the oilseed crushing industry. The company reported that its sunflower oil sales in bulk rose by 29.4% YoY to some 508,000 tonnes in July-December 2017. The company aims to achieve EBITDA of USD 500mn by 2021.
MHP	MHPC LI	13.2	16.5	25%	BUY	MHP could start process of deleveraging which in turn would boost the company's MCap. Also the company has a declared strategy to expand its presence on the MENA and EU markets. MHP continued to increase its export sales. MHP also reported that its poultry exports rose 16% YoY to near 221,000 tonnes in 2017, accounting for 41% of total sales volume, up from a share of 36% a year before.
Astarta	AST PW	41.0	70.0	71%	BUY	Astarta is focused on business diversification and cost optimization via improving its energy and operational efficiency. We expect the company to increase sales by 12% in FY18.
Agroton	AGT PW	4.05	12.0	196%	BUY	Agroton unveiled a strategy to increase its land bank from 122,000 ha to 200,000 ha by mid-2019 securing additional lease rights and by acquiring companies that control land plots in Luhansk and Kharkiv region.
IMC	IMC PW	12.6	13.0	3%	HOLD	The recent changes in Ukraine's tax legislation are positive for IMC, which is focused growing exportable crops; some 95% of the company's revenue is tied to the dollar. Land bank is targeted to expand by 50% over 2015-20. A high standard of corporate governance makes the stock an attractive play in spite of its low liquidity.
AvangardCo	AVGR LI	0.4	0.3	-19%	SELL	AvangardCo's revenue fell by 33% YoY in FY17 despite an increase in egg sales volume by 23% YoY. We attribute this negative development to weak results in the value-added egg powder segment. AvangardCo said that its egg product sales volume had plunged by 64% YoY to some 3300 tonnes, with the average pricing dropping by 23% YoY to USD 4.30/kg.
Ovostar Union	OVO PW	97.0	110.0	13%	HOLD	The company has a strong focus on domestic branded egg sales and successfully expands its export sales to mitigate negative effect from devaluation. Ovostar is in the midst of a long-term expansion that will ultimately see egg output triple over 2012-18E.
Iron Ore						
Ferrexpo	FXPO LN	223	350	57%	HOLD	An impressive reduction in the production and other operating cost led to higher profitability. A separate positive factor was an upward price trend for iron ore and steel on global markets.
Specialized Machinery						
Motor Sich	MSICH		6750		BUY	The reported profit for 9M17 represents UAH 1240 per share, which means the stock is still valued at P/E of barely more than 3.0x. Our base case scenario forecast for Motor Sich's net profit for FY17 is UAH 3.0bn, implying EPS of UAH 1440.
Oil & Gas						
UkrNafta	UNAF	106	270	154%	BUY	UkrNafta's fundamental value should see an immediate jump after the company reaches a deal with the government on restructuring its huge UAH 12bn tax debt. We believe that with the state owning a 50% stake in UkrNafta, the resolution of the tax debt issue is only a matter of time.
Concern Galnaftogaz	GLNG	0.15	0.24	60%	BUY	Galnaftogaz is pursuing a plan to aggressively expand its filling station network.
Regal Petroleum	RPT LN	20.4	30.0	47%	BUY	The RPT stock has been enjoying aggressive buying from an unidentified investor since the start of the year. From the chart point of view, the stock hit a local maximum of GBP 31, and we believe that this peak is likely to be repeated sometime before the end of 2018.
JKX Oil & Gas	JKX LN	31.0	23.0	-26%	HOLD	The company's balance sheet looks healthy after it successfully restructured its Eurobonds. An overall demand for natural gas in Ukraine remains strong.
Power Utilities						
DonbasEnergO	DOEN	23.2	9.0	-61%	SELL	The Donetsk separatist government has nationalized DonbasEnergO's Starobeshevo power plant, which previously accounted for about 70% of the company's installed power-generating capacity.
CenterEnergO	CEEN	16.75	25.60	53%	BUY	CentrEnergO posted net profit of UAH 5.12 per share in FY17, and the company is likely to distribute 75% of this profit in shareholder dividends. CentrEnergO's privatization has repeatedly been postponed, but the company retains a strong fundamental value due to its large installed electricity generation capacity.
Banks						
Raiffeisen Bank Aval	BAVL	0.337	0.47	40%	BUY	Raiffeisen Aval's FY17 net profit came in at a record high of UAH 4.5bn (USD 170mn), implying earnings per share of 7.27 kopecks, most of which is likely to be paid out; our expectation is a 6.90 kopeck dividend. Based on the recent case of Raiffeisen Aval's close peer UkrSibBank, which conducted a share squeeze-out at a valuation of 6.5x P/E, we estimate Raiffeisen Aval's fair value at 47 kopecks per share.

Source: Eavex Research

PRICES AND QUOTES												
Name	Ticker	Today, UAH*	52 high, UAH*	52 low, UAH*	Absolute performance				Performance relative to the UX index			
					1W	1M	3M	YtD	1W	1M	3M	YtD
UX Index	UX	1676.77	1911.45	985.97	2.2%	-6.8%	5.1%	23.0%	0.0%	0.0%	0.0%	0.0%
Iron Ore Mining												
Ferrexpo	FXPO	220.40	323.20	167.30	-3.5%	-2.0%	-27.5%	-24.8%	1.3%	-5.6%	4.8%	-47.8%
Railcar Manufacturing												
Kryukiv Wagon	KVBZ	12.00	n/a	n/a	9.1%	0.0%	-9.8%	14.4%	6.9%	6.8%	-14.9%	-8.6%
Specialized Machinery												
Motor Sich	MSICH	n/a	5695	2297								
Turboatom	TATM	14.40	n/a	n/a	14.3%	-0.7%	8.8%	9.4%	12.1%	6.1%	3.7%	-13.6%
Telecom												
Ukrtelecom	UTLM	0.156	n/a	n/a	-11.1%	-11.1%	-5.8%	4.4%	-13.3%	-4.3%	-10.8%	-18.7%
Oil & Gas												
Regal Petroleum	RPT	20.40	25.50	3.43	4.6%	-6.4%	11.8%	191.2%	3.2%	2.5%	0.4%	168.2%
JKX Oil	JKX	31.00	33.00	11.00	-6.1%	14.8%	55.0%	181.8%	-0.9%	-8.2%	21.6%	158.8%
Ukrnafta	UNAF	106.2	n/a	n/a	-1.0%	-7.7%	-4.5%	-24.7%	-3.2%	-0.8%	-9.6%	-47.7%
Power Utilities												
Centrenergo	CEEN	16.75	23.94	10.10	0.9%	-19.5%	-9.6%	32.2%	-1.3%	-12.7%	-14.6%	9.2%
Donbasenergo	DOEN	23.15	n/a	n/a	3.8%	22.9%	22.9%	26.8%	1.6%	29.7%	17.9%	3.8%
Consumer												
Agroton	AGT	4.05	7.11	3.74	-8.2%	-13.1%	-25.0%	-11.6%	-2.6%	-10.3%	-6.3%	-34.6%
Astarta	AST	41.00	69.00	41.00	-2.1%	-10.1%	-21.8%	-20.4%	-0.2%	-4.3%	-3.3%	-43.4%
Avangardo	AVGR	0.37	0.73	0.33	0.0%	0.0%	12.1%	2.8%	0.7%	-2.2%	6.8%	-20.2%
Industrial Milk Company	IMC	12.55	13.90	9.76	-6.7%	-8.7%	-3.5%	0.6%	0.3%	-8.9%	-1.9%	-22.5%
Kernel	KER	52.50	71.00	45.51	-0.9%	9.9%	7.6%	10.5%	1.1%	-3.1%	16.8%	-12.5%
MHPC	MHPC	13.50	15.45	9.55	-0.4%	2.3%	3.8%	17.4%	3.0%	-2.5%	9.1%	-5.6%
Milkiland	MLK	1.25	1.87	1.23	-0.8%	-15.0%	-15.0%	-18.8%	0.7%	-3.0%	-8.2%	-41.8%
Ovostar Union	OVO	97.00	128.05	88.00	0.0%	2.1%	3.2%	10.2%	0.7%	-2.2%	8.9%	-12.8%
Banks												
Raiffeisen Bank Aval	BAVL	0.337	0.37	0.19	4.4%	-7.4%	3.3%	14.7%	2.2%	-0.6%	-1.8%	-8.3%

Source: Bloomberg
* companies listed abroad are in traded currency

MAIN FINANCIAL FORECASTS, USD mn

Name	Ticker	Net Sales			EBITDA			EBITDA margin			Net Profit			Net Profit margin		
		2016	2017E	2018E	2016	2017E	2018E	2016	2017E	2018E	2016	2017E	2018E	2016	2017E	2018E
Iron Ore Mining																
Ferrexpo	FXPO	986	1,197	1,257	375	551	579	38.0%	46.0%	46.0%	189	394	414	19.2%	32.9%	32.9%
Railcar Manufacturing																
Kryukiv Wagon	KVBZ	67	55	60	1	6	7	0.9%	11.0%	12.4%	-4	2	3	-5.9%	3.3%	4.2%
Specialized Machinery																
Turboatom	TATM	98	99	102	33	35	35	34.0%	35.2%	34.6%	27	28	28	28.0%	27.8%	27.5%
Motor Sich	MSICH	414	426	464	166	153	138	40.1%	35.8%	29.8%	77	114	96	18.6%	26.7%	20.6%
Oil & Gas																
Ukrnafta	UNAF	885	989	1,027	116	64	151	13.1%	6.5%	14.7%	-343	16	87	-38.7%	1.7%	8.5%
Regal Petroleum	RPT	26	35	49	12	17	19	44.9%	49.8%	38.7%	0	2	5	na	6.5%	10.2%
JKX Oil	JKX	80	82	88	29	18	29	36.3%	22.0%	33.0%	-20	-12	1	-25.0%	-14.6%	1.1%
Electric Utilities																
Centrenergo	CEEN	419	412	465	46	104	113	11.1%	25.2%	24.2%	15	71	78	3.6%	17.3%	16.9%
Donbasenergo	DOEN	157	147	116	7	8	8	4.4%	5.8%	6.5%	-2	2	1	-1.1%	1.4%	0.9%
Consumer																
MHP	MHPC	1,135	1,289	1,456	415	549	550	36.6%	42.6%	37.8%	59	230	327	5.2%	17.8%	22.5%
Kernel	KER	1,989	2,169	2,711	346	319	346	17.4%	14.7%	12.8%	225	176	238	11.3%	8.1%	8.8%
Astarta	AST	402	475	551	167	176	197	41.6%	37.0%	35.8%	90	104	112	22.4%	21.9%	20.4%
Avangardco	AVGR	191	130	127	1	12	15	0.4%	9.1%	11.8%	-57	-8	-5	-29.6%	-5.8%	-3.9%
Ovostar	OVO	84	80	87	40	15	20	47.7%	19.2%	23.4%	35	10	14	41.8%	12.5%	16.1%
Banks																
		Total Assets			Total Equity			Total Income			Net Profit			Return on Equity		
Raiffeisen Bank Aval	BAVL	2,113	2,455	2,050	381	404	342	192	234	236	150	169	236	39.4%	41.8%	69.2%

Source: Eavex Research

MAIN TRADING MULTIPLES

Name	Ticker	MCap USD mn	Free Float % USD mn	EV USD mn	P/E			EV/EBITDA			EV/Sales				
					2016	2017E	2018E	2016	2017E	2018E	2016	2017E	2018E		
Iron Ore Mining															
Ferrexpo	FXPO	1,735	24.0%	416	2,138	9.2	4.4	4.2	5.7	3.9	3.7	2.2	1.8	1.7	
Railcar Manufacturing															
Krukiv Wagon	KVBZ	53	5.0%	3	48	neg	28.7	20.7	>30	7.8	6.4	0.7	0.9	0.8	
Specialized Machinery															
Turboatom	TATM	233	5.8%	13	147	8.5	8.4	8.3	4.4	4.2	4.2	1.5	1.5	1.4	
Motor Sich	MSICH		24.0%			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Oil & Gas															
Ukrnafta	UNAF	220	3.0%	7	210	neg	13.5	2.5	1.8	3.3	1.4	0.2	0.2	0.2	
Regal Petroleum	RPT	87	21.6%	19	63	n/a	>30	17.5	5.5	3.6	3.3	2.5	1.8	1.3	
JKX Oil & Gas	JKX	71	50.4%	36	180	neg	neg	>30	6.2	10.0	6.2	2.2	2.2	2.0	
Electric Utilities															
CentrEnergO	CEEN	237	21.7%	51	151	15.6	3.3	3.0	3.2	1.5	1.3	0.4	0.4	0.3	
DonbasEnergO	DOEN	21	14.2%	3	35	neg	9.9	20.1	5.1	4.2	4.7	0.2	0.2	0.3	
Consumer															
MHP	MHPC	1,427	34.1%	486	2,485	24.1	6.2	4.4	6.0	4.5	4.5	2.2	1.9	1.7	
Kernel	KER	1,140	61.8%	704	1,636	5.1	6.5	4.8	4.7	5.1	4.7	0.8	0.8	0.6	
Astarta	AST	279	37.0%	103	389	3.1	2.7	2.5	2.3	2.2	2.0	1.0	0.8	0.7	
Avangardco	AVGR	24	22.5%	5	355	neg	neg	neg	>30	>30	23.7	1.9	2.7	2.8	
Ovostar	OVO	159	25.0%	40	161	4.5	15.9	11.3	4.0	10.5	7.9	1.9	2.0	1.8	
Banks															
							P/E			P/Book			P/Assets		
Raiffeisen Bank Aval	BAVL	792	1.8%	14		5.3	4.7	4.5	2.1	2.0	2.3	0.37	0.32	0.39	

Source: Eavex Research

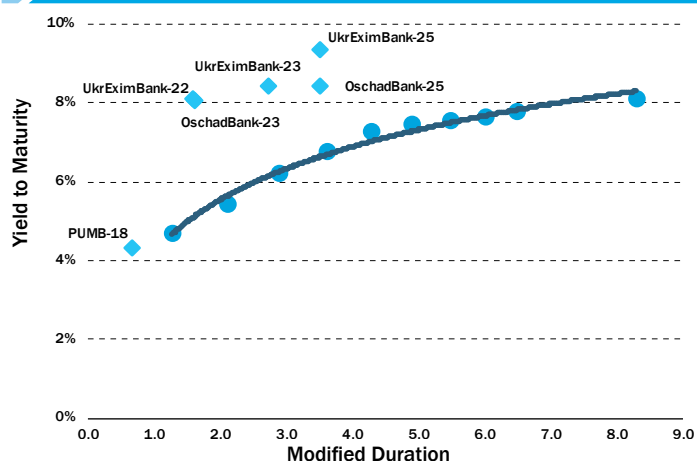
UKRAINIAN EUROBONDS

Issue	Price (Bid)	Price (Ask)	YTM (Bid)	YTM (Ask)	Price chg. (YTD)	Modified Duration	Coupon	Coupon Period	Maturity Date	Volume USD mn	Ratings ¹
Sovereign Eurobonds											
Ukraine, 2019	102.4	102.9	5.7%	5.3%	-2.5%	1.2	7.75%	S/A	1 Sept 2019	1,744	Caa2/B-/B-
Ukraine, 2020	102.6	103.5	6.5%	6.1%	-3.0%	2.0	7.75%	S/A	1 Sept 2020	1,780	Caa2/B-/B-
Ukraine, 2021	102.6	103.3	6.8%	6.6%	-3.6%	2.8	7.75%	S/A	1 Sept 2021	1,409	Caa2/B-/B-
Ukraine, 2022	101.2	102.0	7.4%	7.2%	-4.7%	3.5	7.75%	S/A	1 Sept 2022	1,384	Caa2/B-/B-
Ukraine, 2023	100.3	101.0	7.7%	7.5%	-5.5%	4.2	7.75%	S/A	1 Sept 2023	1,355	Caa2/B-/B-
Ukraine, 2024	98.9	99.9	8.0%	7.8%	-5.7%	4.8	7.75%	S/A	1 Sept 2024	1,339	Caa2/B-/B-
Ukraine, 2025	97.9	98.9	8.1%	8.0%	-5.9%	5.3	7.75%	S/A	1 Sept 2025	1,329	Caa2/B-/B-
Ukraine, 2026	97.2	98.2	8.2%	8.0%	-5.5%	5.9	7.75%	S/A	1 Sept 2026	1,318	Caa2/B-/B-
Ukraine, 2027	96.6	97.6	8.3%	8.1%	-6.2%	6.3	7.75%	S/A	1 Sept 2027	1,307	Caa2/B-/B-
Ukraine, 2032	91.4	92.4	8.4%	8.3%	-6.7%	8.1	7.375%	S/A	25 Sept 2032	3,000	//B-
Ukraine, GDP-linked (VRI)	69.4	70.4	n/a	n/a	26.9%	n/a	0.00%	S/A	31 May 2040	3,214	/B-/
Corporate Eurobonds											
Agroton, 2019	16.0	20.6	316%	251%	10.6%	0.4	6.00%	S/A	14 Jul 2019	18	//
Kernel, 2022	103.3	104.3	7.7%	7.4%	-6.0%	3.0	8.75%	S/A	31 Jan 2022	500	/B/B+
MHP, 2020	106.4	107.5	4.6%	4.0%	-1.8%	1.7	8.25%	S/A	2 Apr 2020	79	/B/B
MHP, 2024	102.8	103.3	7.2%	7.1%	-5.2%	4.7	7.75%	S/A	10 May 2024	500	/B/B
MHP, 2026	96.6	97.5	7.5%	7.4%	-2.9%	5.9	6.95%	S/A	4 Apr 2026	550	/B/B
Avangardco, 2018	19.7	23.5	n/a	n/a	-10.5%	0.1	10.00%	S/A	29 Oct 2018	206	//
UkrLandFarming, 2018	19.5	23.8	n/a	n/a	3.9%	n/a	10.88%	S/A	26 Mar 2018	500	//
Mriya, 2016	7.0	9.0	n/a	n/a	n/a	n/a	10.95%	S/A	30 Mar 2016	72	IN DEFAULT
Mriya, 2018	7.5	9.5	n/a	n/a	n/a	n/a	9.45%	S/A	19 Apr 2018	400	IN DEFAULT
DTEK, 2024	105.7	106.7	9.6%	9.4%	-1.2%	4.9	10.75%	S/A	31 Dec 2024	1,275	//
Metinvest, 2021	100.0	102.0	7.4%	6.8%	-3.9%	n/a	9.37%	S/A	31 Dec 2021	117	//B
Metinvest, 2023	97.8	98.7	8.3%	8.1%	-0.8%	3.9	7.75%	S/A	23 Apr 2023	945	//B
Metinvest, 2026	97.5	98.5	8.9%	8.8%	-0.6%	5.6	8.50%	S/A	23 Apr 2026	648	//B
Ferrexpo, 2019	103.0	104.0	6.7%	5.5%	-1.4%	0.8	10.375%	S/A	07 Apr 2019	186	Caa3/CCC/CC
Ferrexpo, 2019	102.8	104.0	6.8%	5.4%	-1.5%	0.8	10.375%	S/A	07 Apr 2019	161	Caa3/CCC/CC
UZ Rail, 2021	103.3	104.2	8.7%	8.4%	-2.7%	1.5	9.88%	S/A	15 Sept 2021	500	/CCC+/CCC
Interepipe, 2017	29.3	34.6	n/a	n/a	12.7%	n/a	10.25%	S/A	2 Aug 2017	200	IN DEFAULT
JKX Oil&Gas, 2018	85.1	95.1	25.2%	17.4%	6.0%	1.4	8.00%	S/A	19 Feb 2018	16	//
Bank Eurobonds											
PUMB, 2018	102.5	104.8	6.5%	2.4%	-0.6%	0.5	11.00%	Q	31 Dec 2018	275	//
PrivatBank, 2018-2	28.0	38.0	n/a	n/a	-1.5%	1.5	10.25%	S/A	23 Jan 2018	200	IN DEFAULT
PrivatBank, 2021	10.0	15.0	n/a	n/a	-19.4%	1.3	11.00%	S/A	09 Feb 2021	220	IN DEFAULT
PrivatBank, 2018	29.0	29.1	n/a	n/a	-28.0%	n/a	10.88%	S/A	28 Feb 2018	175	IN DEFAULT
UkrEximBank, 2022	103.0	103.9	8.7%	8.4%	-3.4%	1.6	9.625%	S/A	27 Apr 2022	750	Caa3//B-
UkrEximBank, 2023	96.5	98.2	10.4%	10.0%	-3.0%	3.5	7.51%	S/A	9 Feb 2023	125	Caa3//CCC
UkrEximBank, 2025	103.2	104.1	9.1%	8.9%	-4.4%	3.5	9.75%	S/A	22 Jan 2025	600	Caa3//B-
Oschadbank, 2023	103.0	104.0	8.6%	8.3%	-3.4%	1.5	8.25%	S/A	10 Mar 2023	700	Caa3//B-
Oschadbank, 2025	102.9	103.9	9.1%	8.8%	-4.1%	2.6	8.88%	S/A	20 Mar 2025	500	Caa3//B-
Municipal Eurobonds											
City of Kyiv, 2015	88.1	90.0	n/a	n/a	7.5%	n/a	8.00%	S/A	6 Nov 2015	101	IN DEFAULT

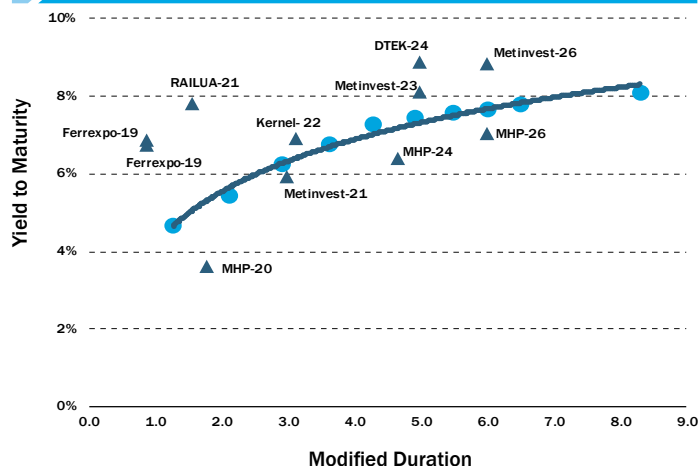
¹ Moody's/S&P/Fitch

Source: Bloomberg, Cbonds, Eavex Research

SOVEREIGNS vs. BANKING EUROBONDS



SOVEREIGNS vs. CORPORATE and MUNICIPAL EUROBONDS



UKRAINIAN DOMESTIC BONDS

Issue	Price (Bid)	Price (Ask)	YTM (Bid)	YTM (Ask)	Modified Duration	Coupon	Coupon Period	Maturity Date	Volume UAH mn
UAH denominated Bonds									
UA80426			17.50%	16.00%	n/a	n/a	S/A	10 Apr .2019	n/a
VAT Bonds									
UA4000185151			17.75%	16.00%	1.9	9.50%	S/A	8 Jul 2019	3,577
UA4000185557			17.75%	16.00%	1.9	9.50%	S/A	22 Jul 2019	2,171
UA4000186159			17.75%	16.00%	1.9	9.50%	S/A	20 Aug 2019	955

Source: Bloomberg, Cbonds, Eavex Research

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