

## Stock Market Update

### Equity

Locally traded Ukrainian equities enjoyed substantial gains last week with a dry domestic news flow having no impact on market participant activity. A highly publicized meeting between US President Trump and Russian President Putin on Jul 16 did not produce any public information regarding their positions on the Ukraine issue. However, the Russian side spread a rumor that Trump is considering a Russian proposal that would allow pro-Russian separatist Ukrainian territories to hold referendums to decide their fate. This would mark a significant change from the stated position of the US, which fully backs the Minsk peace process to resolve the conflict.

The UX index advanced by 3.1% to close at 1,606 points despite the continued closure of the main UX trading platform. UkrNafta (UNAF) was the biggest blue chip gainer for the second straight week, adding 6.5% to finish at UAH 115. We suspect that the stock has been rising ahead of the company's 2Q18 earnings report, which could appear at the end of this week. We expect UkrNafta to post net profit of UAH 760mn for 2Q, translating into a whopping earnings per share figure of UAH 14.00. Raiffeisen Bank Aval (BAVL) rose 2.7% to 28.80 kopecks while CentrEnergO (CEEN) was unchanged at UAH 14.80. Low-liquidity UX index component DonbasEnergO (DOEN) gained 4.3% to close at UAH 23.30 after local media reported that the company's majority stake of 60.8% was acquired by Maxim Yefimov, an MP from the Poroshenko Bloc. The price for the deal has not been disclosed.

In London, Ferrexpo (FXPO) finally rebounded after a protracted selloff, rising 8.8% to GBp 172. Low-liquidity MHP (MHPC) inched down by 0.2% to USD 12.85 despite the company reporting a fairly good operational update for 2Q18. In Warsaw trading, Kernel (KER) added 7.6% to PLN 50.50 after the company unveiled a solid increase in grain sales for the second quarter.

On the currency market, the hryvnia moved down by 0.9% against the dollar for the week to close at 26.45 UAH/USD.

## Highlights

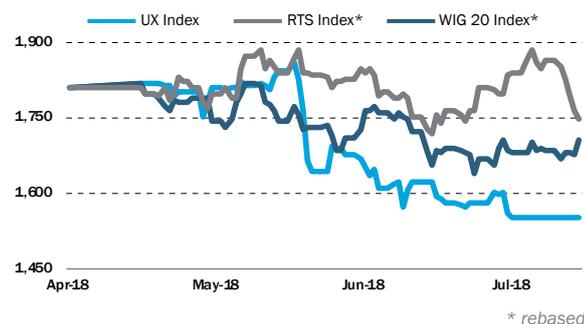
### POLITICS AND ECONOMICS

- > Putin Proposed Referendum on Donbass Status in Trump Meeting

### STOCKS IN THE NEWS

- > Kernel Raises Sunflower Oil Sales Volume by 37% YoY in Apr-Jun
- > MHP Reports 20% YoY Price Increase for Its Poultry in 2Q18

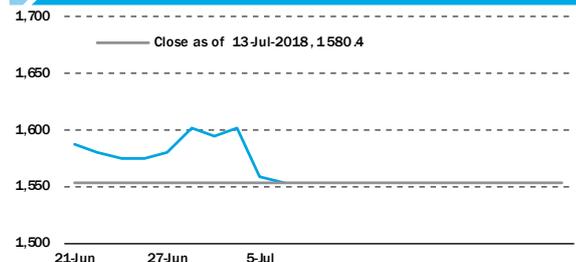
## STOCK MARKET PERFORMANCE



## MARKET INDEXES

	Last	1W ch	1M ch	YTD
UX	1606.0	3.1%		
RTS	1114.6	-6.3%	1.6%	-3.5%
WIG20	2182.9	1.2%	2.9%	-11.3%
MSCI EM	1070.1	-0.5%	-1.4%	-7.6%
S&P 500	2801.8	0.0%	1.4%	4.8%

## UX 1M PERFORMANCE



## FIXED INCOME

	Last	1W ch	1M ch	YTD
EMBI+Global	362	-0.7%	-8.2%	16.4%
NBU Key Rate	17.5%	0.0 p.p.	0.5 p.p.	3.0 p.p.
Ukraine-19	7.1%	-0.7 p.p.	-1.4 p.p.	2.7 p.p.
Ukraine-27	8.7%	0.4 p.p.	-0.4 p.p.	1.4 p.p.
MHP-20	6.3%	-0.7 p.p.	1.0 p.p.	2.2 p.p.
UZ Rail-21	8.9%	-0.1 p.p.	0.8 p.p.	2.6 p.p.

## CURRENCY

	Last, UAH	1W ch	1M ch	YTD
USD	26.45	0.9%	0.1%	-5.9%
EUR	31.00	1.2%	1.2%	-8.0%
RUB	0.42	-0.5%	0.6%	-14.4%

## COMMODITIES

	Last	1W ch	1M ch	YTD
Wheat, USD/t*	186.0	0.0%	-0.8%	3.6%
Steel, USD/t	505.0	0.0%	-1.9%	-2.9%
Oil, USD/bbl	73.1	-3.0%	-2.1%	9.3%
Gold, USD/oz	1232.0	-0.8%	-3.3%	-5.5%

\*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

## Putin Proposed Referendum on Donbass Status in Trump Meeting

by Will Ritter  
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### NEWS

Russian President Putin told US President Trump that a referendum should be held in Ukraine's eastern provinces of Donetsk and Lugansk to determine their relationship with Ukraine, US media reported late last week. Trump and Putin had held a private summit meeting on Monday (Jul 16) in Finland, but no details were released about the substance of the talks. However, on Thursday (Jul 19), it was reported that Putin told a closed gathering of Russian diplomats that he had made the proposal, and that Trump had asked that it not be immediately publicized in order to give him time to consider it.

### COMMENTARY

This news is confirmation of what we have been saying ever since Trump assumed office, i.e. that he cannot be trusted not to make a deal with the Kremlin behind Ukraine's back that is disadvantageous to Kyiv (and indeed, to the entire Western world). Holding an internationally-recognized referendum in the Donbass on separation from Ukraine would be a particularly dangerous step, since we believe that voters in the occupied areas of both Donetsk and Lugansk would probably opt to leave Ukraine, upending the relatively stable Donbass status quo of last 3-plus years. Even more seriously, the Kremlin would then be encouraged to sponsor movements in Ukraine's other southeastern provinces for similar referendums, thus expanding the separatist theater. Perhaps the good news for Ukraine coming out of the Finland summit meeting is that Trump so badly damaged his own credibility with his performance there, that he might not be able to deliver on any back-door deals that he may have struck with Putin due to resistance across the entire spectrum of the US Congress and even within his own administration. Nonetheless, Trump remains in the White House, and President Poroshenko cannot afford to get into an open conflict with him, which is probably why pushback on the Donbass referendum proposal from official Kyiv was rather low-key.

## Kernel Raises Sunflower Oil Sales Volume by 37% YoY in Apr-Jun

by Dmitry Churin  
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### KERNEL (KER PW)

Price: PLN 50.50 Market Cap: USD 1,093mn

	P/B	EV/S	P/E	EV/EBITDA	Div. Yield
2017	1.1	0.8	6.2	5.6	1.8%
2018E	0.9	0.8	5.8	5.8	1.8%

## NEWS

Kyiv-based, Warsaw-listed Kernel Holding, Ukraine's largest sunflower oil producer, reported an increase in sunflower bulk sales volume by 37.3% YoY to 386,600 tonnes in the Apr-Jun quarter (the company's 4Q18 in its July to June reporting calendar), according to an operational update published on Jul 17. Meanwhile, the company's bottled oil sales dropped by 16.3% YoY to 32.8mn liters. Kernel increased its sunflower seed crushing volume by 6.0% YoY to 3.14mn tonnes in full-year 2018 (which ended in June). The crushing volume was the highest in the company's history. In other key business segments, Kernel demonstrated an impressive grain sales growth of 64% YoY to 1.57mn tonnes in 4Q18 while the full-year 2018 grain sales volume declined by 8.2% YoY to 4.65mn tonnes.

### KERNEL OPERATIONAL UPDATE

Volume	4Q18	4Q17	Change	FY18	FY17	Change
Grain sales, tonnes	1,572,925	957,487	+64.3%	4,646,421	5,060,491	-8.2%
Sunflower oil sales in bulk, tonnes	386,637	281,587	+37.3%	1,301,321	1,083,729	+20.1%
Bottled oil sales, '000 liters	32,831	39,235	-16.3%	118,635	131,412	-9.7%
Oilseed crush, tonnes	833,998	909,571	-8.3%	3,135,730	2,958,695	+6.0%
Export terminals throughput, tonnes	1,611,717	1,431,625	+12.6%	6,064,727	6,101,263	-0.6%

Source: Companies' data

## COMMENTARY

Kernel finally emerged from an unexpected contraction in its operating results in the previous quarters. In our view, the company's asset base should allow it to show a steady increase in both sunflower oil and grain sales in the medium term. Kernel had reported EBITDA of USD 73mn in the Jan-March quarter, when its sales volumes were lower than in the Apr-Jun quarter. Therefore we expect EBITDA of USD 110mn in 4Q18, which would bring FY18 EBITDA to USD 306mn (-4.1% YoY). Kernel is due to report its full-year financial results for 2018 in mid-October.

We estimate that Kernel is now valued at trailing P/E of 5.8x. However, looking ahead to 2019, we estimate the P/E at 4.8x, as we believe Kernel is capable of delivering 20% net profit growth next year.

The publication of the Apr-Jun operating results had a POSITIVE impact on Kernel's share price on the Warsaw Stock Exchange. The stock gained 7.6% for the week to close at PLN 50.50 on Friday (Jul 20).

## MHP Reports 20% YoY Price Increase for Its Poultry in 2Q18

by Dmitry Churin  
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### MHP (MHPC LI)

Price: USD 12.85 Market Cap: USD 1,358mn

	P/B	EV/S	P/E	EV/EBITDA	Div. Yield
2017	1.7	1.9	5.9	4.4	5.8%
2018E	1.7	1.7	4.2	4.4	5.8%

## NEWS

MHP, Ukraine's largest poultry producer, reported that the average achieved price for its poultry rose by 20% YoY to UAH 39.92 per kilogram in 2Q18, while sales volumes edged down by 3% YoY to some 153,000 tonnes, according to the company's operational update published on July 17. The company said that its production facilities continued to operate at full capacity in the period. MHP also reported that its poultry production volumes rose by 7% YoY to 307,900 tonnes in 1H18. The company said it launched operations at the so-called Phase 2 of its Vinnytsia Poultry Complex in May, which should lead to increasing output. In other business segments, MHP's sunflower oil sales were up by 19% to 100,600 tonnes in 2Q18, but remained down by 11% YoY to 148,100 tonnes for 1H18. All the sunflower oil volumes were exported. In the grain segment, MHP saw its spring crops in good condition despite a lack of rain, but did not report any harvest or yield figures. MHP operates a land bank of 365,000 hectares in Ukraine.

### MHP OPERATIONAL UPDATE

Poultry	2Q17	2Q18	Change	1H18	1H17	Change
Sales volume, tonnes	153,137	157,245	-3%	288,437	283,972	+2%
Price per 1 kg net VAT	39.38	32.92	+20%	39.17	32.35	+21%

Source: Companies' data

## COMMENTARY

Although MHP's operational update looks fairly strong, it has not led to any particular interest in the stock. London-listed MHP's shares edged down by 1.2% to USD 12.85 last week.

In our opinion, the company's ability to achieve a double-digit rise in the poultry price without consequence of lower sales volume underlines the stable demand for MHP's poultry both on domestic and export markets. The company said that its domestic chicken meat sales volume decreased by 4% YoY to 160,930 tonnes while export sales rose 9% YoY to 123,040 tonnes in 1H18.

We forecast that MHP will post a net profit of USD 230mn for 1H18, which would be 9.5% higher than a year ago. The company is due to publish its financial results for 1H18 on August 23.

MHP's stock dipped below its strong support level of USD 13.00 earlier this month. MHP stock trades with a forward-looking P/E of 4.2x. The company has a generous dividend policy with recent payouts having been in the 75 cents per share range, which at the stock's current price offers a dividend yield of 5.8%. Eavex Capital has a BUY rating for the stock with a target price of USD 16.50, which implies 28% upside.

## EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
<b>Agriculture</b>						
Kernel	KER PW	50.5	82.0	62%	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	12.9	16.5	28%	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	32.7	70.0	114%	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	3.50	12.0	243%	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	12.2	13.0	7%	HOLD	IMC's 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	0.3	0.3	-9%	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	96.0	110.0	15%	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.
<b>Iron Ore</b>						
Ferrexpo	FXPO LN	173	230	33%	BUY	Iron ore market has seen a major shift over the past two years as China's anti-pollution drive spurs demand for cleaner ore, exploding the spreads between top-quality material and lower-grade cargoes, which benefits Ferrexpo as top-quality pellets producer.
<b>Specialized Machinery</b>						
Motor Sich	MSICH	5390	6750	25%	BUY	Motor Sich is closing in on a solid contract with Chinese company Avicopter (AVIC) to supply helicopter engines for a Russian-Chinese project. Our base case scenario forecast for Motor Sich's net profit for FY18 is UAH 2.6bn, implying EPS of UAH 1,270.
<b>Oil &amp; Gas</b>						
UkrNafta	UNAF	115	270	135%	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	21.9	30.0	37%	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	29.5	33.0	12%	HOLD	The company's balance sheet looks healthy after it successfully restructured its Eurobonds. An overall demand for natural gas in Ukraine remains strong.
<b>Power Utilities</b>						
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	14.89	25.60	72%	BUY	CentrEnergO posted net profit of UAH 5.12 per share in FY17, and the company decided 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.
<b>Banks</b>						
Raiffeisen Bank Aval	BAVL	0.289	0.47	63%	BUY	We forecast that Raiffeisen Aval will raise its net profit by 7.3% YoY to UAH 4.80bn in FY18, implying EPS of 7.81 kopecks. We also believe the bank will continue its practice of large dividend payouts, with the FY18 dividend possibly around 7.50 kopecks per share. Raiffeisen Aval, about 70% of which is held by Raiffeisen International, has been the most dividend-rich stock in the Ukrainian equity universe since 2016. The stock's dividend yield last year was 20% and this year it was around 22%. Raiffeisen Aval posted a net profit of UAH 4.47bn for full-year 2017 (USD 170mn at the average UAH/USD rate for the period), compared to UAH 3.82bn for full-year 2016 and a net loss of UAH 1.44bn in FY15.

Source: Eavex Research

PRICES AND QUOTES												
Name	Ticker	Today, UAH*	52 high, UAH*	52 low, UAH*	1W	Absolute performance			Performance relative to the UX index			
						1M	3M	YtD	1W	1M	3M	YtD
UX Index	UX	1606.00	1911.45	1081.32	3.1%							
<b>Iron Ore Mining</b>												
Ferrexpo	FXPO	172.80	323.20	158.20	8.8%	-14.7%	-27.1%	-41.0%	0.0%	8.8%	-12.3%	-55.0%
<b>Railcar Manufacturing</b>												
Kryukiv Wagon	KVBZ	10.50	11.00	10.50	0.0%	-4.5%			0.0%	-2.1%		
<b>Specialized Machinery</b>												
Motor Sich	MSICH	5390	5695	2431								
Turboatom	TATM	14.05	14.15	13.95	-0.4%							
<b>Telecom</b>												
Ukrtelecom	UTLM	0.140	n/a	n/a								
<b>Oil &amp; Gas</b>												
Regal Petroleum	RPT	21.90	25.50	3.43	3.3%	25.5%	-2.2%	212.6%	0.0%	3.3%	28.0%	198.7%
JKX Oil	JKX	29.50	33.00	11.00	-3.3%	-1.7%	22.9%	168.2%	0.0%	-3.3%	0.8%	154.3%
Ukrnafta	UNAF	115.0	115.00	98.00	6.5%	9.5%			6.5%	12.0%		
<b>Power Utilities</b>												
Centrenerg	CEEN	14.89	23.70	10.20	3.4%	2.3%	-29.0%	17.3%	3.4%	4.8%	-14.3%	3.4%
Donbasenerg	DOEN	n/a	25.50	13.37								
<b>Consumer</b>												
Agroton	AGT	3.50	6.59	2.83	15.5%	7.0%	-33.7%	-23.6%	0.0%	15.5%	9.5%	-37.5%
Astarta	AST	32.70	69.00	31.60	1.9%	-13.5%	-29.7%	-36.5%	0.0%	1.9%	-11.0%	-50.4%
Avangardo	AVGR	0.33	0.70	0.33	0.0%	0.0%	-10.8%	-8.3%	0.0%	0.0%	2.5%	-22.3%
Industrial Milk Company	IMC	12.15	13.90	9.94	-2.4%	2.5%	-8.0%	-2.6%	0.0%	-2.4%	5.0%	-16.6%
Kernel	KER	50.50	64.94	45.51	7.6%	2.3%	3.8%	6.3%	0.0%	7.6%	4.8%	-7.7%
MHPC	MHPC	12.85	15.45	9.81	0.8%	-1.9%	-3.4%	11.7%	0.0%	0.8%	0.5%	-2.2%
Milkiland	MLK	1.03	1.85	1.01	-2.8%	-16.3%	-28.5%	-33.1%	0.0%	-2.8%	-13.8%	-47.0%
Ovostar Union	OVO	96.00	117.00	88.00	-1.5%	-0.5%	2.1%	9.1%	0.0%	-1.5%	1.9%	-4.8%
<b>Banks</b>												
Raiffeisen Bank Aval	BAVL	0.289	0.36	0.26	2.0%	-2.9%			2.0%	-0.4%		

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	2017	2018E	2016	2017	2018E	2016	2017	2018E	2016	2017	2018E	2016	2017	2018E
<b>Iron Ore Mining</b>																
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%
<b>Railcar Manufacturing</b>																
Kryukiv Wagon	KVBZ	67	55	60	1	6	7	0.9%	11.0%	12.4%	-4	2	3	-5.9%	3.3%	4.2%
<b>Specialized Machinery</b>																
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%
<b>Oil &amp; Gas</b>																
Ukrnafta	UNAF	885	1,079	1,121	116	151	163	13.1%	14.0%	14.5%	-343	74	81	-38.7%	6.8%	7.3%
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%
<b>Electric Utilities</b>																
Centrenergy	CEEN	419	505	569	46	94	106	11.1%	18.6%	18.6%	15	71	78	3.6%	14.1%	13.8%
Donbasenergo	DOEN	157	147	116	7	8	8	4.4%	5.8%	6.5%	-2	1	1	-1.1%	1.0%	0.6%
<b>Consumer</b>																
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%
<b>Banks</b>		<b>Total Assets</b>			<b>Total Equity</b>			<b>Total Income</b>			<b>Net Profit</b>			<b>Return on Equity</b>		
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	2017	2018E	2016	2017	2018E	2016	2017	2018E	
<b>Iron Ore Mining</b>														
Ferrexpo	FXPO	1,426	24.0%	342	1,829	7.5	3.6	3.4	4.9	3.3	3.2	1.9	1.5	1.5
<b>Railcar Manufacturing</b>														
Krukiv Wagon	KVBZ	46	5.0%	2	41	neg	25.1	18.1	>30	6.7	5.5	0.6	0.7	0.7
<b>Specialized Machinery</b>														
Turboatom	TATM	227	5.8%	13	141	8.3	8.2	8.1	4.2	4.0	4.0	1.4	1.4	1.4
Motor Sich	MSICH	428	24.0%	103	390	5.6	3.8	4.5	2.3	2.6	2.8	0.9	0.9	0.8
<b>Oil &amp; Gas</b>														
Ukrnafta	UNAF	239	3.0%	7	223	neg	3.2	2.9	1.9	1.5	1.4	0.3	0.2	0.2
Regal Petroleum	RPT	98	21.6%	21	74	n/a	>30	19.7	6.4	4.2	3.9	2.9	2.1	1.5
JKX Oil & Gas	JKX	71	50.4%	36	179	neg	neg	>30	6.2	10.0	6.2	2.2	2.2	2.0
<b>Electric Utilities</b>														
CentrEnergO	CEEN	210	21.7%	46	170	13.9	2.9	2.7	3.7	1.8	1.6	0.4	0.3	0.3
DonbasEnergO	DOEN	21	14.2%	3	35	neg	14.3	28.8	5.1	4.2	4.7	0.2	0.2	0.3
<b>Consumer</b>														
MHP	MHPC	1,358	34.1%	463	2,362	22.9	5.9	4.2	5.7	4.3	4.3	2.1	1.8	1.6
Kernel	KER	1,183	61.8%	731	1,679	5.3	6.7	5.0	4.8	5.3	4.8	0.8	0.8	0.6
Astarta	AST	240	37.0%	89	350	2.7	2.3	2.1	2.1	2.0	1.8	0.9	0.7	0.6
Avangardco	AVGR	21	22.5%	5	353	neg	neg	neg	>30	29.9	23.5	1.8	2.7	2.8
Ovostar	OVO	169	25.0%	42	171	4.8	16.9	12.1	4.3	11.2	8.4	2.0	2.1	2.0
<b>Banks</b>														
						P/E			P/Book			P/Assets		
Raiffeisen Bank Aval	BAVL	680	1.8%	12		4.5	4.0	3.9	1.8	1.7	2.0	0.32	0.28	0.33

Source: Eavex Research

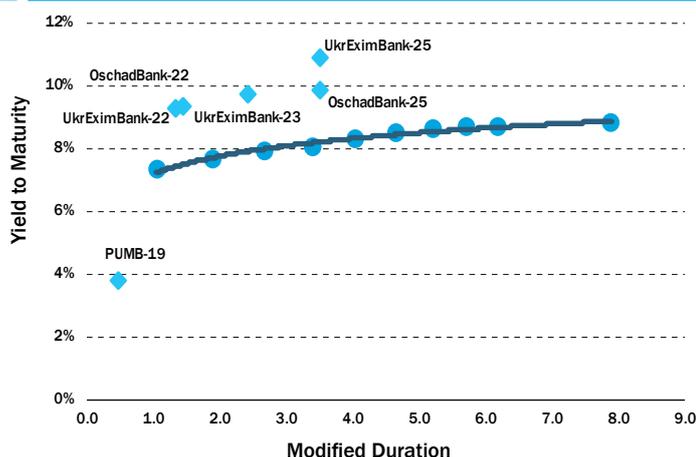
UKRAINIAN EUROBONDS

Issue	Price (Bid)	Price (Ask)	YTM (Bid)	YTM (Ask)	Price chg. (YTD)	Modified Duration	Coupon	Coupon Period	Maturity Date	Volume USD mn	Ratings <sup>1</sup>
<b>Sovereign Eurobonds</b>											
Ukraine, 2019	100.4	100.9	7.4%	6.9%	-4.4%	1.0	7.75%	S/A	1 Sept 2019	661	Caa2/B-/B-
Ukraine, 2020	100.3	100.8	7.6%	7.3%	-5.4%	1.9	7.75%	S/A	1 Sept 2020	1,365	Caa2/B-/B-
Ukraine, 2021	100.1	100.8	7.7%	7.4%	-5.9%	2.6	7.75%	S/A	1 Sept 2021	1,409	Caa2/B-/B-
Ukraine, 2022	99.1	99.9	8.0%	7.8%	-6.7%	3.4	7.75%	S/A	1 Sept 2022	1,384	Caa2/B-/B-
Ukraine, 2023	98.3	99.1	8.2%	8.0%	-7.3%	4.0	7.75%	S/A	1 Sept 2023	1,355	Caa2/B-/B-
Ukraine, 2024	96.7	97.7	8.4%	8.2%	-7.8%	4.6	7.75%	S/A	1 Sept 2024	1,339	Caa2/B-/B-
Ukraine, 2025	95.4	96.4	8.6%	8.4%	-8.2%	5.2	7.75%	S/A	1 Sept 2025	1,329	Caa2/B-/B-
Ukraine, 2026	94.3	95.3	8.8%	8.6%	-8.4%	5.7	7.75%	S/A	1 Sept 2026	1,318	Caa2/B-/B-
Ukraine, 2027	93.7	94.7	8.8%	8.6%	-9.0%	6.1	7.75%	S/A	1 Sept 2027	1,307	Caa2/B-/B-
Ukraine, 2032	88.0	89.0	8.9%	8.7%	-10.1%	7.9	7.375%	S/A	25 Sept 2032	3,000	//B-
Ukraine, GDP-linked (VRI)	63.0	64.0	n/a	n/a	15.1%	n/a	0.00%	S/A	31 May 2040	3,214	/B-/
<b>Corporate Eurobonds</b>											
Agroton, 2019	16.0	20.6	342%	273%	10.6%	0.4	6.00%	S/A	14 Jul 2019	8	//
Kernel, 2022	101.0	101.8	8.4%	8.1%	-8.2%	2.9	8.75%	S/A	31 Jan 2022	500	/B/B+
MHP, 2020	102.4	103.8	6.7%	5.9%	-5.3%	1.5	8.25%	S/A	2 Apr 2020	79	/B/B
MHP, 2024	99.8	100.3	7.8%	7.7%	-8.0%	4.5	7.75%	S/A	10 May 2024	500	/B/B
MHP, 2026	93.8	94.5	8.0%	7.9%	-5.8%	5.7	6.95%	S/A	4 Apr 2026	550	/B/B
Avangardco, 2018	19.8	23.5	n/a	n/a	-10.3%	0.1	10.00%	S/A	29 Oct 2018	214	//
UkrLandFarming, 2018	20.1	24.7	n/a	n/a	7.5%	n/a	10.88%	S/A	26 Mar 2018	543	//
Mriya, 2016	8.0	12.0	n/a	n/a	n/a	n/a	10.95%	S/A	30 Mar 2016	72	IN DEFAULT
Mriya, 2018	8.0	12.0	n/a	n/a	n/a	n/a	9.45%	S/A	19 Apr 2018	400	IN DEFAULT
DTEK, 2024	101.9	102.9	10.3%	10.1%	-4.7%	4.7	10.75%	S/A	31 Dec 2024	1,344	//
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	94.1	94.9	9.3%	9.1%	-4.6%	3.8	7.75%	S/A	23 Apr 2023	945	//B
Metinvest, 2026	93.7	94.6	9.7%	9.5%	-4.5%	5.4	8.50%	S/A	23 Apr 2026	648	//B
Ferrexpo, 2019	102.5	103.6	6.6%	5.0%	-1.7%	0.7	10.375%	S/A	07 Apr 2019	93	Caa3/CCC/CC
Ferrexpo, 2019	102.5	103.6	6.6%	5.1%	-1.8%	0.7	10.375%	S/A	07 Apr 2019	80	Caa3/CCC/CC
UZ Rail, 2021	100.8	101.7	9.6%	9.2%	-5.0%	1.3	9.88%	S/A	15 Sept 2021	500	/CCC+/CCC
Interepipe, 2017	29.4	34.7	n/a	n/a	13.3%	n/a	10.25%	S/A	2 Aug 2017	200	IN DEFAULT
JKX Oil&Gas, 2018	85.0	95.0	25.8%	17.6%	5.9%	1.3	8.00%	S/A	19 Feb 2018	16	//
<b>Bank Eurobonds</b>											
PUMB, 2018	102.6	104.2	4.8%	1.2%	-0.8%	0.4	11.00%	Q	31 Dec 2018	103	//
PrivatBank, 2018-2	21.8	31.8	n/a	n/a	-20.0%	1.5	10.25%	S/A	23 Jan 2018	160	IN DEFAULT
PrivatBank, 2021	8.6	13.6	n/a	n/a	-28.2%	1.0	11.00%	S/A	09 Feb 2021	220	IN DEFAULT
PrivatBank, 2018	25.0	30.0	n/a	n/a	-31.8%	n/a	10.88%	S/A	28 Feb 2018	175	IN DEFAULT
UkrEximBank, 2022	102.2	103.1	8.9%	8.6%	-4.2%	1.4	9.625%	S/A	27 Apr 2022	750	Caa3//B-
UkrEximBank, 2023	94.2	95.2	11.2%	10.9%	-5.6%	3.5	7.51%	S/A	9 Feb 2023	125	Caa3//CCC
UkrEximBank, 2025	101.3	102.2	9.5%	9.3%	-6.2%	3.5	9.75%	S/A	22 Jan 2025	600	Caa3//B-
Oschadbank, 2023	101.5	102.5	9.0%	8.7%	-4.8%	1.3	8.25%	S/A	10 Mar 2023	700	Caa3//B-
Oschadbank, 2025	101.3	102.2	9.4%	9.2%	-5.6%	2.4	8.88%	S/A	20 Mar 2025	500	Caa3//B-
<b>Municipal Eurobonds</b>											
City of Kyiv, 2015	87.6	89.3	n/a	n/a	6.8%	n/a	8.00%	S/A	6 Nov 2015	101	IN DEFAULT

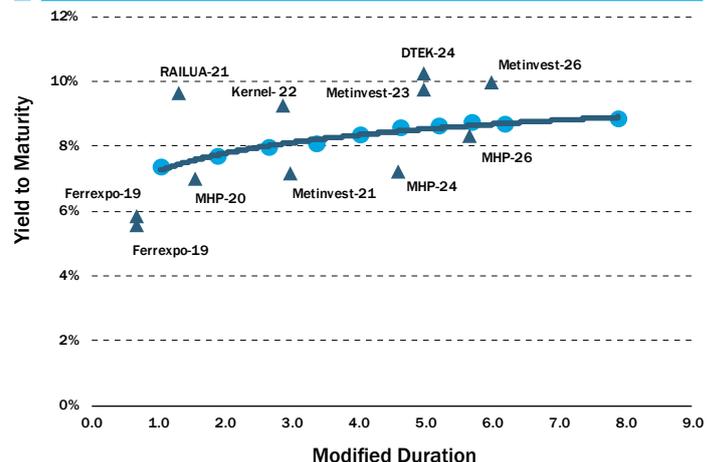
<sup>1</sup> Moody's/S&P/Fitch

Source: Bloomberg, Cbonds, Eavex Research

SOVEREIGNS vs. BANKING EUROBONDS



SOVEREIGNS vs. CORPORATE EUROBONDS



**UKRAINIAN DOMESTIC BONDS**

Issue	Price (Bid)	Price (Ask)	YTM (Bid)	YTM (Ask)	Modified Duration	Coupon	Coupon Period	Maturity Date	Volume UAH mn
<b>UAH denominated Bonds</b>									
UA80426			17.90%	16.70%	n/a	n/a	S/A	10 Apr .2019	n/a
<b>VAT Bonds</b>									
UA4000185151			17.95%	17.25%	1.9	9.50%	S/A	8 Jul 2019	3,577
UA4000185557			17.95%	17.25%	1.9	9.50%	S/A	22 Jul 2019	2,171
UA4000186159			17.95%	17.25%	1.9	9.50%	S/A	20 Aug 2019	955

Source: Bloomberg, Cbonds, Eavex Research

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