

## Stock Market Update

### Equity

Kyiv-listed stocks finished mixed last week amid elevated trading activity ahead of the quadrannual expiration of the UX future contracts on Jun 15. The contract expiration price came in at 1,034 points.

In Ukrainian economic-related news, there was an official announcement that the country has signed a nuclear fuel agreement with Australia. The announcement lacked specifics, and we assume it could actually be related to increased fuel supplies from multinational group Westinghouse. In any case, the deal could help to secure around 30% of the Ukrainian energy sector's need for nuclear fuel. Currently the country still relies partially on nuclear fuel supplies from Russia.

The UX index gained 0.5% for the week to close at 1026 points. Motor Sich (MSICH) was the best performing blue chip after reports that the Ukrainian ambassador inspected a construction site in China where the aircraft engine maker has a joint venture with a local partner. The MSICH stock added 2.8% to UAH 2440 per share. Raiffeisen Bank Aval (BAVL) moved in line with the market, climbing 0.8% to 22.30 kopecks. CentrEnergy (CEEN) disappointed investors by unveiling a poor profit forecast of UAH 116mn for FY17, and the stock fell 3.4% to UAH 10.45. Second-tier name Krukiv Wagon (KVBZ) jumped 6.3% to UAH 9.40 after the company's shareholders failed to agree on de-listing the issue at a meeting on Jun 16.

In London trading, Ferrexpo (FXPO) lost 4.4% to GBP 186 after JP Morgan assigned a sell rating to the stock, and MHP (MHPC) slid 2.0% to USD 10.00 without a visible reason. Warsaw-listed agro major Kernel (KER) shed 8.2% to close at PLN 64.00.

On the currency front, the hryvnia remained on the rise, gaining an additional 0.4% against the dollar, with the sell rate ending the week at 26.05 UAH/USD.

## Highlights

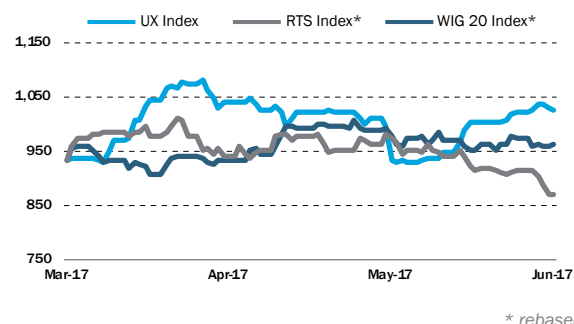
### POLITICS AND ECONOMICS

- > New US Sanctions Bill on Russia Draws EU Ire Over NatGas Threat
- > May Data Pushes Headline Inflation Up to 13.5%

### STOCKS IN THE NEWS

- > UkrNafta Fails to Sell Oil at USD 55 at June Monthly Auction

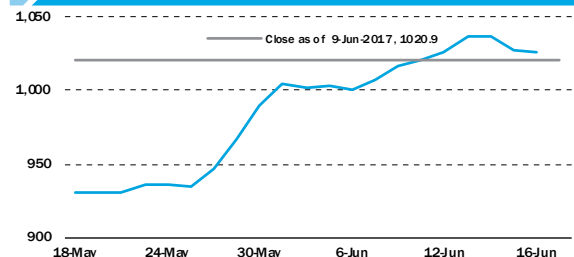
## STOCK MARKET PERFORMANCE



## MARKET INDEXES

	Last	1W ch	1M ch	YTD
UX	1026.3	0.5%	10.2%	29.0%
RTS	994.4	-4.5%	-10.7%	-13.7%
WIG20	2304.5	-1.1%	-1.5%	18.3%
MSCI EM	1003.1	-1.5%	-1.2%	16.3%
S&P 500	2433.2	0.1%	1.4%	8.7%

## UX 1M PERFORMANCE



## FIXED INCOME

	Last	1W ch	1M ch	YTD
EMBI+Global	325	2.0%	2.7%	-11.2%
NBU Key Rate	12.5%	0.0 p.p.	-0.5 p.p.	-1.5 p.p.
Ukraine-19	6.1%	-1.7 p.p.	-1.7 p.p.	-1.2 p.p.
Ukraine-27	8.1%	0.0 p.p.	-0.1 p.p.	-0.6 p.p.
MHP-20	5.8%	-0.1 p.p.	-0.5 p.p.	-3.7 p.p.
UZ Rail-21	9.2%	0.0 p.p.	0.0 p.p.	-2.5 p.p.

## CURRENCY

	Last, UAH	1W ch	1M ch	YTD
USD	26.02	-0.4%	-1.5%	-4.7%
EUR	29.14	-0.4%	-0.5%	3.0%
RUB	0.45	-1.5%	-3.3%	2.5%

## COMMODITIES

	Last	1W ch	1M ch	YTD
Wheat, USD/t*	176.0	0.0%	0.0%	1.7%
Steel, USD/t	437.5	0.6%	-1.7%	-11.6%
Oil, USD/bbl	47.4	-1.6%	-8.7%	-16.6%
Gold, USD/oz	1253.7	-1.0%	1.3%	8.8%

\*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

## New US Sanctions Bill on Russia Draws EU Ire Over NatGas Threat

by Will Ritter  
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### NEWS

Top German government representatives last week sharply criticized parts of a US Senate move to increase economic sanctions on Russia in retaliation for that country's interference in the US political process and its refusal to implement the Minsk peace agreement in Ukraine. The German response was reported by German government-funded broadcaster Deutsche Welle. The Senate bill would make it harder for US President Trump to roll back the sanctions regime, but it also targets European companies importing Russian natural gas, including those potentially involved in the "Nord Stream 2" Russia-Germany pipeline project. Threatening European firms with sanctions if they participate in Nord Stream 2 "injects a completely new, and very negative dimension into European-American relations," a joint statement released by German Foreign Minister Sigmar Gabriel and Austrian Prime Minister Christian Kern said. It added that the Senate sanctions are aimed at "squeezing out Russian natural gas from the European market" in favor of American liquefied natural gas (LNG).

### COMMENTARY

It appears that the US Senate has made a serious diplomatic blunder in its haste to impose new penalties on Moscow. The main reason for the effectiveness of the Western sanctions regime is that it has been a coordinated US-EU effort, and by trying to promote US energy interests with new sanctions, the US risks wrecking years of careful diplomacy. While additional sanctions are probably warranted given recent reports outlining Russian active measures in the US information space (including a targeted social media campaign to compromise the loyalty of US military service members using Russian propaganda), we are concerned that the Senate may be overplaying its hand. While the bill has enough support in the Senate to override a veto from Trump, that may not be the case in the lower house of Congress, where Republican Party anger at Moscow is notably less pronounced. With the internal US tension over the Trump-Russia investigation seeming to escalate on a weekly basis, we think it would be wise for the US to postpone new Russia measures in the short term, given that it is impossible to predict what the political situation will be in Washington two or three months from now. The existing sanctions regime appears have been rather effective in blunting Russian aggression in Ukraine for more than two years, and with Trump's hands already politically tied in terms of being able to offer sanctions relief to Moscow, this might be a case of "if it isn't broken, don't fix it".

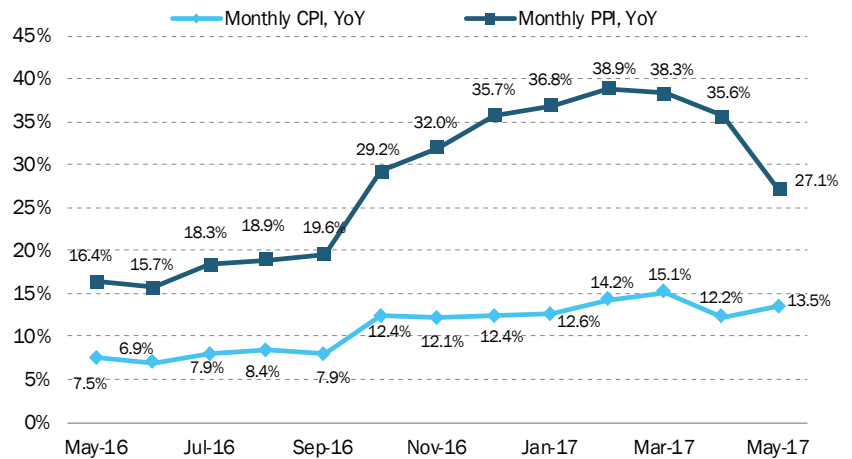
**May Data Pushes Headline Inflation Up to 13.5%**

by Dmitry Churin  
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**NEWS**

Ukraine’s State Statistics Committee reported last week that rolling 12-month consumer inflation accelerated to 13.5% YoY in May from 12.2% in April, after jumping 1.3% on a month-on-month basis. UkrStat also reported that producer prices declined by 1.3% MoM in May, while on a yearly basis the PPI index is up 27.1%, mainly due to price increases for coal and iron ore.

**UKRAINE’S ROLLING 12-MONTH CPI & PPI INFLATION**



Source: State Statistics Committee

**COMMENTARY**

The CPI rise in May is out of line with the usual seasonal pattern and was due to double-digit price growth for early vegetables and fruits after cold weather in April raised fears that the harvest in this category could be subpar. May also saw administrative increases in regulated utility tariffs. In particular, households tariffs for water supply rose 8.0% MoM, bringing price growth in this category to 37.1% YoY.

Separately, UkrStat registered an impressive 20.7% YoY increase in real wages in Ukraine from the April data after two years of substantial declines in real wages amid the hryvnia devaluation. This increase, while positive overall, is a factor which can be expected to spur inflation. Household income in Ukraine remains among the lowest Europe, with UkrStat reporting an average nominal wage of just UAH 6,700 (USD 250) per month.

We estimate that excluding utility services, Ukraine’s headline 12-month inflation is currently running at around 7%.

## UkrNafta Fails to Sell Oil at USD 55 at June Monthly Auction

by Dmitry Churin  
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### UKRNAFTA (UNAF UK)

Price: UAH 119 Market Cap: USD 248mn

	P/B	EV/S	P/E	EV/EBITDA	Div. Yield
2016	7.3	0.3	neg	2.1	n/a
2017E	6.5	0.2	3.4	1.6	n/a

### NEWS

UkrNafta, Ukraine's national flagship oil producer, failed to sell 122,800 tonnes (896,000 barrels) of crude oil at a government-mandated auction held on Jun 15, according to OilNews, an industry publication. This followed news that the government had replaced four members of the 10-member oil auction committee who had previously represented state-owned energy giant NaftoGaz. The official reason for the replacement was potential conflict of interest, as NaftoGaz owns a 50%+1 stake in UkrNafta. The auction committee has a 60% quorum. The new auction committee will be formed with five representatives from the Economics Ministry and five from the Energy Ministry. The auction committee's main function is the determination of a starting price for the mandatory monthly oil auctions for Ukrainian state owned producers.

### COMMENTARY

The oil auctions have become much more transparent compared to the rogue practice of earlier years when UkrNafta's oil was sold at a steep discount to crude benchmarks to parties related to UkrNafta minority shareholder Igor Kolomoyskiy. However, the auction rules of how to determine the starting price (essentially the sale price in the absence of competition) remain complicated and often lead to a situation where the price notably exceeds the global benchmark. The auction price for UkrNafta oil was set at UAH 12,677 per tonne (USD 55/bbl) at last week's auction, implying an unjustified premium of near 15% to the Brent price benchmark. At the auction in May, UkrNafta sold 125,900 tonnes of oil at a price near USD 49/bbl. The mandatory monthly oil auctions have become a real headache for UkrNafta's CEO Mark Rollins, as the government forces UkrNafta to sell its oil to an intermediary and then buy it back in order to refine it for sale in the company's retail filling station network. Difficulties with selling the oil creates a gap in the company's liquidity and increases storage expenses. UkrNafta has asked the government to allow it to export its oil or to refine it into finished products without the intermediary, thus bypassing the mandatory auctions. UkrNafta processes oil at the Kolomoyskiy-controlled Kremenchuk Oil Refinery before selling petroleum via its filling station business.

The Kyiv-listed UNAF stock currently trades at UAH 119 per share, having risen by 20% since its local bottom of UAH 98 in mid-May. Although we have a BUY recommendation for UNAF, we believe the stock has a limited upside until the company reaches a deal with the government on its large tax debt and thereby receives a green light to renew its oil extraction licenses.

## EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
<b>Agriculture</b>						
Kernel	KER PW	64.0	80.0	25%	HOLD	With some 95% of its revenue linked to major foreign currencies, hryvnia devaluation is positive for Kernel, and recent changes in Ukraine's tax regime should also benefit the group. With on-demand borrowing access, Kernel is well placed to further consolidate its position in the oilseed crushing industry.
MHP	MHPC LI	10.0	14.0	40%	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, which accounted for 51% of total revenue in 9M16 compared to 45% a year ago.
Astarta	AST PW	66.6	70.0	5%	HOLD	The new VAT regime for agro producers will be largely neutral for Astarta, in our view, while recovery of sugar prices bode well for the company's earnings. Astarta is focused on business diversification and cost optimization via improving its energy and operational efficiency.
Agroton	AGT PW	6.36	12.0	89%	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	10.9	13.0	20%	BUY	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	0.7	0.3	-54%	SELL	Ukraine's new VAT regime for agro producers is negative for Avangard, as its subsidy reimbursements will be reduced. Large room for cost optimization provides a theoretical upside to earnings, but the company's highly volatile financial results have rendered forecasting unreliable.
Ovostar Union	OVO PW	108.5	110.0	1%	BUY	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	186.5	150.0	-20%	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.
<b>Specialized Machinery</b>						
Motor Sich	MSICH	2435	5250	116%	BUY	The reported profit for FY16 represents UAH 1052 per share, which means the stock is still valued at P/E of barely more than 2.0x. Our base case scenario forecast for Motor Sich's net profit for FY17 is UAH 2.0bn, implying EPS of UAH 960.
<b>Oil &amp; Gas</b>						
UkrNafta	UNAF	119	270	127%	BUY	UNAF stock has been in a local upward trend since December after Parliament cut the production tax for oil for 2017.
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	4.3	15.0	249%	BUY	Taking into account that Regal acquired PEP's assets for an estimated value of USD 6.8/boe of 2P reserves, we assume that Regal's potential enterprise value could be as much as USD 92mn.
JKX Oil & Gas	JKX LN	21.5	37.0	72%	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>						
DonbasEnerg	DOEN	12.3	9.0	-27%	SELL	The Donetsk separatist government has nationalized DonbasEnerg's Starobeshevo power plant, which previously accounted for about 70% of the company's installed power-generating capacity.
CenterEnerg	CEEN	10.46	15.00	43%	BUY	CenterEnerg's privatization has 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	0.223	0.27	21%	BUY	Raiffeisen Aval's 1Q17 net profit was at a record high UAH 1.45bn (USD 54mn), implying earnings per share of 2.36 kopecks. We forecast that the bank will post a net profit of UAH 3.50bn in FY17 and will pay a 5.40 kopeck dividend next year.

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	1026.26	1087.67	647.58	0.5%	10.2%	9.7%	29.0%	0.0%	0.0%	0.0%	0.0%
<b>Steel</b>												
Alchevsk Steel	ALMK	0.006	n/a	n/a	-28.4%	-32.6%	-31.8%	-29.3%	-28.9%	-42.8%	-41.5%	-58.2%
<b>Coke</b>												
Yasynivsky Coking	YASK	0.160	0.295	0.100	-5.9%	-15.8%	6.7%	-40.7%	-6.4%	-26.0%	-3.1%	-69.7%
<b>Iron Ore Mining</b>												
Ferrexpo	FXPO	186.50	195.10	29.50	-4.4%	11.7%	8.7%	38.7%	2.7%	-4.9%	1.4%	9.7%
<b>Railcar Manufacturing</b>												
Kryukiv Wagon	KVBZ	9.40	n/a	n/a	6.3%	3.9%	1.6%	6.8%	5.8%	-6.4%	-8.1%	-22.1%
<b>Specialized Machinery</b>												
Motor Sich	MSICH	2435	2472	934	0.2%	13.5%	9.9%	31.1%	-0.3%	3.2%	0.2%	2.1%
Turboatom	TATM	11.85	n/a	n/a	-2.1%	-2.1%	-1.3%	26.7%	-2.7%	-12.3%	-11.0%	-2.2%
<b>Telecom</b>												
Ukrtelecom	UTLM	0.138	n/a	n/a	6.2%	6.2%	15.0%	-16.4%	5.6%	-4.1%	5.3%	-45.3%
<b>Oil &amp; Gas</b>												
Regal Petroleum	RPT	4.30	5.50	2.73	-4.4%	32.3%	14.7%	15.1%	0.1%	-5.0%	22.1%	-13.8%
JKX Oil	JKX	21.50	33.50	16.00	2.4%	20.3%	-15.7%	-28.9%	-1.1%	1.9%	10.0%	-57.9%
Ukrnafta	UNAF	119.2	n/a	n/a	4.6%	17.3%	-7.6%	15.5%	4.0%	7.1%	-17.3%	-13.4%
<b>Power Utilities</b>												
Centrenergy	CEEN	10.46	11.58	7.20	-3.4%	0.5%	-4.5%	1.0%	-3.9%	-9.7%	-14.2%	-27.9%
Donbasenergy	DOEN	12.31	14.89	9.50	-3.8%	8.4%	0.9%	17.1%	-4.4%	-1.9%	-8.8%	-11.8%
Zakhidenergy	ZAEN	119.90	135.00	50.00	-0.1%	-8.7%	76.3%	91.8%	-0.6%	-18.9%	66.6%	62.9%
<b>Consumer</b>												
Agroton	AGT	6.36	7.70	1.08	-8.1%	-10.3%	0.8%	57.0%	-0.5%	-8.6%	-20.5%	28.1%
Astarta	AST	66.60	72.00	44.49	0.6%	-6.2%	-3.5%	23.2%	-0.5%	0.1%	-16.4%	-5.7%
Avangardo	AVGR	0.65	1.00	0.26	-9.7%	-35.0%	-4.4%	85.7%	0.1%	-10.2%	-45.2%	56.8%
Industrial Milk Company	IMC	10.85	10.97	6.50	1.8%	0.5%	15.4%	34.8%	-1.0%	1.3%	-9.8%	5.8%
Kernel	KER	64.00	80.00	49.58	-8.2%	-4.5%	-14.3%	0.2%	-0.7%	-8.7%	-14.7%	-28.7%
MHPC	MHPC	10.00	10.50	8.52	-2.0%	-2.4%	7.3%	13.8%	3.1%	-2.5%	-12.7%	-15.2%
Milkiland	MLK	1.81	2.80	1.56	-2.2%	-19.6%	-26.4%	-9.5%	-1.5%	-2.7%	-29.8%	-38.5%
Ovostar Union	OVO	108.50	108.50	84.00	3.3%	17.9%	17.6%	25.4%	1.5%	2.8%	7.7%	-3.5%
<b>Banks</b>												
Raiffeisen Bank Aval	BAVL	0.223	n/a	n/a	2.3%	11.6%	38.4%	69.2%	1.8%	1.4%	28.7%	40.3%

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		
		2015	2016	2017E	2015	2016	2017E	2015	2016	2017E	2015	2016	2017E	2015	2016	2017E
<b>Iron Ore Mining</b>																
Ferrexpo	FXPO	961	986	1,282	313	375	495	32.6%	38.0%	38.6%	31	189	255	3.3%	19.2%	19.9%
<b>Railcar Manufacturing</b>																
Kryukiv Wagon	KVBZ	41	67	55	-15	1	6	-37.1%	0.9%	11.0%	-19	-4	2	-46.3%	-5.9%	3.3%
<b>Specialized Machinery</b>																
Turboatom	TATM	128	98	99	87	33	35	67.9%	34.0%	35.2%	75	27	28	58.3%	28.0%	27.8%
Motor Sich	MSICH	697	414	426	237	166	151	33.9%	40.1%	35.3%	158	77	74	22.6%	18.6%	17.2%
<b>Oil &amp; Gas</b>																
Ukrnafta	UNAF	1,319	885	1,162	-101	116	151	-7.7%	13.1%	13.0%	-250	-343	74	-18.9%	-38.7%	6.3%
Regal Petroleum	RPT	22	25	27	10	10	15	45.5%	40.4%	55.6%	-1	0	1	na	0.0%	3.7%
JKX Oil	JKX	89	80	95	17	29	34	19.1%	36.3%	35.8%	-82	-20	3	-92.1%	-25.0%	3.2%
<b>Electric Utilities</b>																
Centrenergy	CEEN	315	419	492	12	46	40	3.7%	11.1%	8.1%	3	15	26	1.0%	3.6%	5.2%
Donbasenergo	DOEN	190	157	147	8	7	5	4.3%	4.4%	3.3%	-9	-2	1	-4.6%	-1.1%	1.0%
<b>Consumer</b>																
MHP	MHPC	1,183	1,135	1,400	459	415	490	38.8%	36.6%	35.0%	-126	59	170	-10.6%	5.2%	12.1%
Kernel	KER	2,330	1,989	2,128	397	346	381	17.0%	17.4%	17.9%	101	225	282	4.3%	11.3%	13.2%
Astarta	AST	349	402	445	144	167	170	41.4%	41.6%	38.1%	18	90	113	5.1%	22.4%	25.3%
Avangardco	AVGR	230	191	180	-69	1	22	-30.2%	0.4%	12.2%	-158	-57	2	-68.9%	-29.6%	1.1%
Ovostar	OVO	76	84	90	35	40	43	46.0%	47.7%	48.2%	32	35	37	42.3%	41.8%	41.1%
<b>Banks</b>																
		Total Assets			Total Equity			Total Income			Net Profit			Return on Equity		
Raiffeisen Bank Aval	BAVL	1,958	2,113	2,080	261	381	347	216	204	228	-66	150	228	-25.3%	39.4%	65.7%

Source: Eavex Research

**MAIN TRADING MULTIPLES**

Name	Ticker	MCap USD mn	Free Float % USD mn	EV USD mn	P/E			EV/EBITDA			EV/Sales			
					2015	2016E	2017E	2015	2016E	2017E	2015	2016E	2017E	
<b>Iron Ore Mining</b>														
Ferrexpo	FXPO	1,403	24.0%	337	2,153	>30	7.4	5.5	6.9	5.7	4.3	2.2	2.2	1.7
<b>Railcar Manufacturing</b>														
Krukiv Wagon	KVBZ	41	5.0%	2	36	neg	neg	22.5	neg	>30	6.0	0.9	0.5	0.7
<b>Specialized Machinery</b>														
Turboatom	TATM	57	5.8%	3	-29	0.8	2.1	2.1	-0.3	-0.9	-0.8	-0.2	-0.3	-0.3
Motor Sich	MSICH	194	24.0%	47	146	1.2	2.5	2.6	0.6	0.9	1.0	0.2	0.4	0.3
<b>Oil &amp; Gas</b>														
Ukrnafta	UNAF	248	3.0%	7	243	neg	neg	3.4	neg	2.1	1.6	0.2	0.3	0.2
Regal Petroleum	RPT	18	21.6%	4	-2	neg	n/a	17.6	n/a	n/a	n/a	n/a	n/a	n/a
JKX Oil & Gas	JKX	47	50.4%	24	156	neg	neg	15.7	9.2	5.4	4.6	1.8	1.9	1.6
<b>Electric Utilities</b>														
CentrEnergO	CEEN	148	21.7%	32	70	>30	9.8	5.8	5.9	1.5	1.8	0.2	0.2	0.1
DonbasEnergO	DOEN	11	14.2%	2	25	neg	neg	7.6	3.0	3.6	5.2	0.1	0.2	0.2
<b>Consumer</b>														
MHP	MHPC	1,057	34.1%	360	2,217	neg	17.8	6.2	4.8	5.3	4.5	1.9	2.0	1.6
Kernel	KER	1,357	61.8%	838	1,683	13.5	6.0	4.8	4.2	4.9	4.4	0.7	0.8	0.8
Astarta	AST	443	37.0%	164	590	25.0	4.9	3.9	4.1	3.5	3.5	1.7	1.5	1.3
Avangardco	AVGR	42	22.5%	9	373	neg	neg	20.8	neg	>30	17.0	1.6	1.9	2.1
Ovostar	OVO	173	25.0%	43	178	5.4	4.9	4.7	5.1	4.4	4.1	2.4	2.1	2.0
<b>Banks</b>														
							P/E			P/Book			P/Assets	
Raiffeisen Bank Aval	BAVL	528	1.8%	9		neg	3.5	4.1	2.0	1.4	1.5	0.27	0.25	0.25

Source: Eavex Research



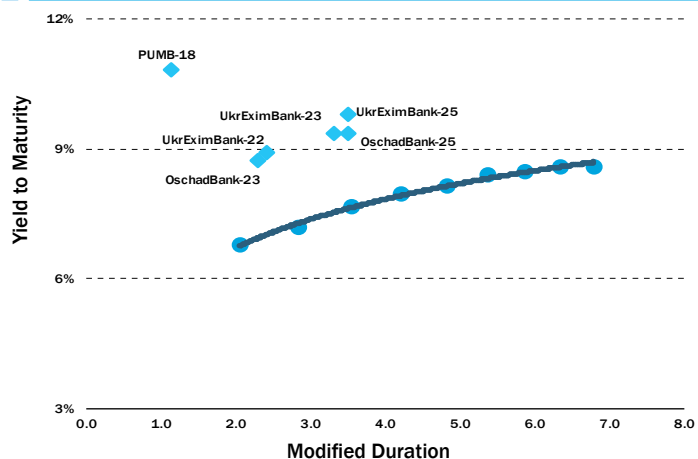
UKRAINIAN EUROBONDS

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	103.0	103.5	6.3%	6.0%	2.2%	2.0	7.75%	S/A	1 Sept 2019	1,744	Caa3/B-/B-
Ukraine, 2020	102.3	102.7	6.9%	6.8%	3.3%	2.7	7.75%	S/A	1 Sept 2020	1,780	Caa3/B-/B-
Ukraine, 2021	101.8	102.3	7.3%	7.1%	4.1%	3.5	7.75%	S/A	1 Sept 2021	1,409	Caa3/B-/B-
Ukraine, 2022	100.8	101.3	7.6%	7.5%	4.1%	4.1	7.75%	S/A	1 Sept 2022	1,384	Caa3/B-/B-
Ukraine, 2023	99.5	100.1	7.9%	7.7%	4.1%	4.7	7.75%	S/A	1 Sept 2023	1,355	Caa3/B-/B-
Ukraine, 2024	98.6	99.3	8.0%	7.9%	4.1%	5.3	7.75%	S/A	1 Sept 2024	1,339	Caa3/B-/B-
Ukraine, 2025	98.3	98.9	8.0%	7.9%	4.9%	5.8	7.75%	S/A	1 Sept 2025	1,329	Caa3/B-/B-
Ukraine, 2026	97.4	98.0	8.2%	8.1%	4.2%	6.3	7.75%	S/A	1 Sept 2026	1,318	Caa3/B-/B-
Ukraine, 2027	97.1	97.8	8.2%	8.1%	4.2%	6.8	7.75%	S/A	1 Sept 2027	1,307	Caa3/B-/B-
Ukraine, GDP-linked (VRI)	37.5	38.0	n/a	n/a	23.8%	n/a	0.00%	S/A	31 May 2040	3,214	/B-/
<b>Corporate Eurobonds</b>											
Agroton, 2019	14.0	25.9	166%	101%	-0.3%	1.1	6.00%	S/A	14 Jul 2019	18	//
Kernel, 2022	107.2	107.9	6.9%	6.7%	7.5%	3.7	8.75%	S/A	31 Jan 2022	500	/B/B+
MHP, 2020	105.7	106.5	6.0%	5.7%	9.9%	2.4	8.25%	S/A	2 Apr 2020	750	/B-/B-
MHP, 2024	101.3	101.8	7.5%	7.4%	1.5%	5.2	7.75%	S/A	10 May 2024	500	//
Avangardco, 2018	22.0	27.0	179%	150%	-17.2%	0.7	10.00%	S/A	29 Oct 2018	206	//
UkrLandFarming, 2018	22.2	27.1	352%	285%	-19.7%	0.3	10.88%	S/A	26 Mar 2018	500	/CC/
Mriya, 2016	6.5	8.5	n/a	n/a	n/a	n/a	10.95%	S/A	30 Mar 2016	72	IN DEFAULT
Mriya, 2018	6.5	8.5	n/a	n/a	n/a	n/a	9.45%	S/A	19 Apr 2018	400	IN DEFAULT
DTEK, 2024	89.4	90.1	12.8%	12.7%	0.4%	5.4	10.75%	S/A	31 Dec 2024	1,275	//
Metinvest, 2021	91.0	94.0	12.8%	12.0%	-0.5%		9.37%	S/A	31 Dec 2021	1,197	//B
Ferrexpo, 2019	104.4	105.3	7.7%	7.2%	4.1%	1.2	10.375%	S/A	07 Apr 2019	186	Caa3/CCC/CC
Ferrexpo, 2019	104.4	105.4	7.7%	7.1%	3.7%	1.2	10.375%	S/A	07 Apr 2019	161	Caa3/CCC/CC
UZ Rail, 2021	101.0	102.0	9.6%	9.3%	6.3%	2.2	9.88%	S/A	15 Sept 2021	500	/CCC+/CCC
Interepipe, 2017	23.0	28.0	n/a	n/a	-7.3%	0.0	10.25%	S/A	2 Aug 2017	200	IN DEFAULT
JKX Oil&Gas, 2018							8.00%	S/A	19 Feb 2018	16	//
<b>Bank Eurobonds</b>											
Fin&Credit Bank, 2019	0.6	1.5	n/a	n/a	-0.2%	n/a	9.25%	S/A	25 Jan 2019	100	IN DEFAULT
PUMB, 2018	101.8	102.9	9.7%	8.9%	0.9%	1.0	11.00%	Q	31 Dec 2018	275	//
Nadra Bank, 2018	0.3	1.6	n/a	n/a	-0.7%	n/a	6.25%	A	31 Jul 2018	60	IN DEFAULT
PrivatBank, 2018-2	15.0	19.0	n/a	n/a	0.0%	1.5	10.25%	S/A	23 Jan 2018	200	IN DEFAULT
PrivatBank, 2021	4.0	12.0	n/a	n/a	-38.5%	1.3	11.00%	S/A	09 Feb 2021	220	IN DEFAULT
PrivatBank, 2018	20.4	23.6	n/a	n/a	65.2%	0.2	10.88%	S/A	28 Feb 2018	175	IN DEFAULT
UkrEximBank, 2022	102.9	103.6	8.9%	8.7%	5.3%	2.3	9.625%	S/A	27 Apr 2022	750	Caa3//B-
UkrEximBank, 2023	93.3	95.7	10.0%	9.4%	14.5%	3.5	7.51%	S/A	9 Feb 2023	125	Caa3//CCC
UkrEximBank, 2025	102.1	103.0	9.2%	9.1%	8.0%	3.5	9.75%	S/A	22 Jan 2025	600	Caa3//B-
VAB Bank, 2019	n/a	n/a	n/a	n/a	n/a	n/a	9.00%	Q	14 Jun 2019	88	IN DEFAULT
Oschadbank, 2023	102.5	103.2	8.8%	8.6%	5.4%	2.2	8.25%	S/A	10 Mar 2023	700	Caa3//B-
Oschadbank, 2025	102.2	103.0	9.2%	9.1%	8.5%	3.2	8.88%	S/A	20 Mar 2025	500	Caa3//B-
<b>Municipal Eurobonds</b>											
City of Kyiv, 2015	62.4	73.0	n/a	n/a	-11.8%	n/a	8.00%	S/A	6 Nov 2015	101	IN DEFAULT

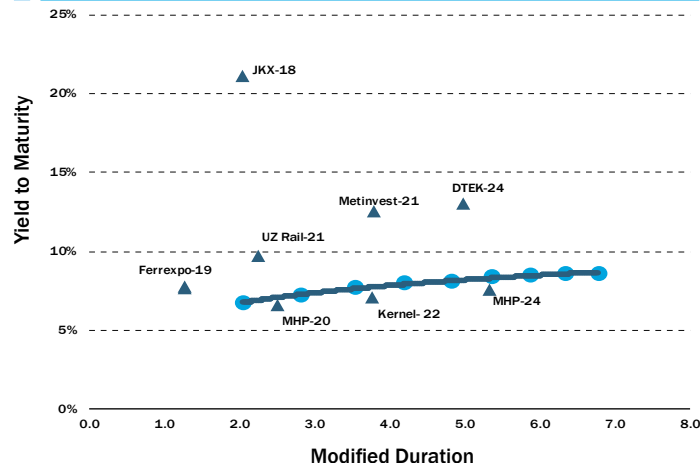
<sup>1</sup> Moody's/S&P/Fitch

Source: Bloomberg, Cbonds, Eavex Research

SOVEREIGNS vs. BANKING EUROBONDS



SOVEREIGNS vs. CORPORATE 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
<b>UAH denominated Bonds</b>									
UA4000194591			14.90%	14.40%	n/a	16.62%	S/A	11 Jul .2018	1,454
<b>VAT Bonds</b>									
UA4000185151			15.00%	14.65%	1.9	9.50%	S/A	8 Jul 2019	3,577
UA4000185557			15.00%	14.65%	1.9	9.50%	S/A	22 Jul 2019	2,171
UA4000186159			15.00%	14.65%	1.9	9.50%	S/A	20 Aug 2019	955

Source: Bloomberg, Cbonds, Eavex Research

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