

**Stock Market Update**

**Equity**

Trading in Kyiv-listed stocks remained at low volumes last week. Most of the deals were concentrated in CentrErgo (CEEN), which continued to rise on privatization expectations. The stock advanced by 6.2% to UAH 16.80 per share, bringing its gain since late September to above 15%.

In economic news, Ukrainian consumer inflation jumped by 1.9% in September, but 12-month headline inflation remained under control near 9% due to the seasonal nature of the price hikes. In major political news, Ukraine secured approval from religious authorities in Istanbul to establish an independent church, in what President Poroshenko called a vital step against Russian interference in Ukraine's affairs. The Russian Orthodox church has long been a hostile actor against the Ukrainian state, allowing itself to be used as a tool of the Kremlin to justify Russian imperialism.

The UX added 1.3% for the week to close at 1690 points, showing no reaction to the rather heavy selloff seen on major Western bourses. UkrNafta (UNAF) was the second biggest gainer among five UX index components, picking up 3.2% to UAH 113 after the company reported a 20% YoY jump in its oil output for the third quarter. On the downside, DonbasErgo (DOEN) shed 1.9% to UAH 26.00 and TurboAtom (TATM) slipped 1.0% to UAH 13.60. Top financial name Raiffaisen Bank Aval (BAVL) was unchanged at 31.90 kopecks.

In London trading, Ferrexpo (FXPO) climbed 3.8% to GBp 225 after an encouraging 3Q production report, and JKX Oil&Gas (JKX) jumped 5% reacting on 8% YoY increase in output in the recently-ended quarter.

Warsaw-listed Kernel (KER) gave up 0.2% to close at PLN 51.50 in line with the rough week in global equities.

On the domestic currency market, the hryvnia strengthened by 0.6% against the dollar to finish the week at 27.96 UAH/USD.

**Highlights**

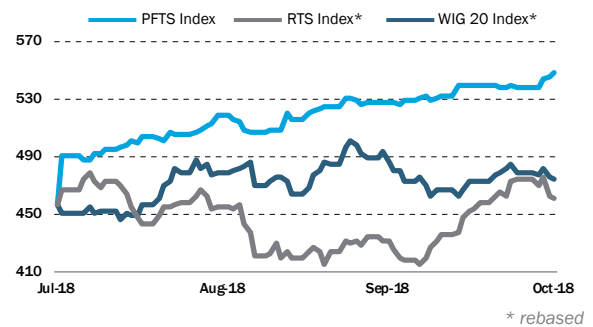
**POLITICS AND ECONOMICS**

- > Kyiv's Relations with Hungary Worsen Amid Consul Explosions
- > Headline Inflation Remains Close to 9% After September Data

**STOCKS IN THE NEWS**

- > UkrNafta Reverses Decline, Boosts 3Q Oil Output by 20% YoY
- > Ferrexpo's Pellet Production Up 7% YoY in 3Q, But Only 1% for 9M18

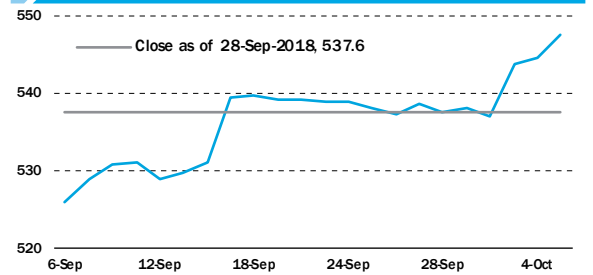
**STOCK MARKET PERFORMANCE**



**MARKET INDEXES**

	Last	1W ch	1M ch	YTD
PFTS	554.0	1.2%	4.7%	75.8%
RTS	1141.4	-1.6%	6.5%	-1.1%
WIG20	2186.6	-3.4%	-1.1%	-11.2%
MSCI EM	980.1	-2.1%	-2.4%	-15.4%
S&P 500	2767.1	-4.1%	-4.2%	3.5%

**PFTS 1M PERFORMANCE**



**FIXED INCOME**

	Last	1W ch	1M ch	YTD
EMBI+Global	377	2.1%	-5.4%	21.1%
NBU Key Rate	18.0%	0.0 p.p.	0.0 p.p.	3.5 p.p.
Ukraine-19	6.7%	-1.7 p.p.	-1.5 p.p.	2.3 p.p.
Ukraine-27	9.1%	0.0 p.p.	0.2 p.p.	1.8 p.p.
DTEK-24	10.4%	0.0 p.p.	-0.1 p.p.	1.0 p.p.
UZ Rail-21	9.4%	0.3 p.p.	-0.1 p.p.	3.0 p.p.

**CURRENCY**

	Last, UAH	1W ch	1M ch	YTD
USD	27.96	-0.6%	-0.4%	-0.5%
EUR	32.31	-0.2%	-1.0%	-4.1%
RUB	0.42	0.0%	4.0%	-13.0%

**COMMODITIES**

	Last	1W ch	1M ch	YTD
Wheat, USD/t*	211.0	0.0%	4.5%	17.5%
Steel, USD/t	465.0	-0.5%	-3.1%	-10.6%
Oil, USD/bbl	80.4	-4.4%	1.4%	26.4%
Gold, USD/oz	1218.0	1.2%	1.0%	-6.5%

\*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

## Ukraine's Orthodox Church to Split from Moscow; Avakov Warns Against Violence

by Will Ritter  
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### NEWS

Orthodox Christian religious authorities based in Istanbul last week gave the green light for Ukraine's main Orthodox church to end its more than 300-year history as a branch of the Russian Orthodox Church and receive independent status known as autocephaly. In response, the Russian church said that it will itself break away from the worldwide Orthodox Church if Ukraine is granted independent status. Such a move by Moscow would represent the most serious split in Orthodoxy in nearly 1000 years. Ukraine's Interior Minister Arseniy Avakov warned of a tough response against violence from any and all sides associated with the approaching split in religious loyalties.

### COMMENTARY

This move by Kyiv is long overdue, as the Russian Orthodox Church is openly hostile to the Ukrainian state; its official ideology is that Russia, Ukraine, and Belarus are a single indivisible nation. Importantly, Russian Orthodoxy harbors a territorial claim not only against Russian-speaking areas in the East and South of Ukraine, but against the entire country with the exception of the far western provinces. President Poroshenko has been pushing hard on this issue and his persistence has paid off at a time when he is sorely in need of political victories that he can sell to the public to promote his re-election campaign. A recently released poll said that 45% of Ukrainian churchgoers consider themselves loyal to the Kyiv Patriarchate (the denomination set to become Ukraine's independent church) and that only 17% favor the Moscow Patriarchate. However, a further 33% stated that they are simply "Orthodox" without specifying Ukraine or Russia, and we suspect that many of these respondents could end up opposing the split. Political divisions between the East/South of the country and the West/Center are likely to be exacerbated by autocephaly, with a significant fraction of parishes in Russophone Ukraine probably opting to stay with the Moscow church, and perhaps most alarmingly, inter-parish conflicts may also occur. Despite Ukraine's new autocephaly, the Russian church will continue to control much of the high-end ecclesiastical real estate in Kyiv and the provincial cities of Central Ukraine, and dividing up church property will not be a trivial matter.

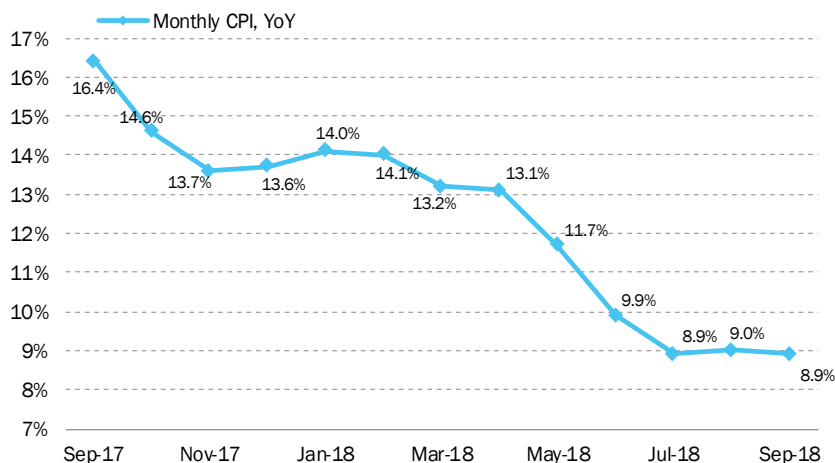
**Headline Inflation Remains Close to 9% After September Data**

by Dmitry Churin  
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**NEWS**

Ukraine's State Statistics Committee reported that rolling 12-month consumer inflation inched down to 8.9% in September from 9.0% in August (the July figure was also 8.9%). On a month-on-month basis, the CPI index showed a 1.9% increase in September, according to data released on Oct 9.

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



Source: State Statistics Committee

**COMMENTARY**

The rather large-looking 1.9% MoM inflation for September is actually about average for the traditional seasonal pattern in Ukraine, and leaves the index still in good shape to finish 2018 in single digits. Among individual consumer price basket components, there was a 10% MoM rise in prices for educational services associated with the start of the new school year. Another notable CPI component with rising prices was transportation services. An upward trend in the global oil price led to an aggregate 2.8% MoM increase in transportation services in Ukraine. This category has risen by 10.7% since the start of the year. The aggregate food price index added 1.6% MoM in September, but the category is still up by only 3.1% since the start of the year. Prices for bread advanced by 12.7% in January-September on the back of a 17.2% YtD price increase for the benchmark FOB Black Sea price for wheat (to USD 211 per tonne).

**UkrNafta Reverses Decline, Boosts 3Q Oil Output by 20% YoY**

by Dmitry Churin  
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**UKRNAFTA (UNAF UK)**

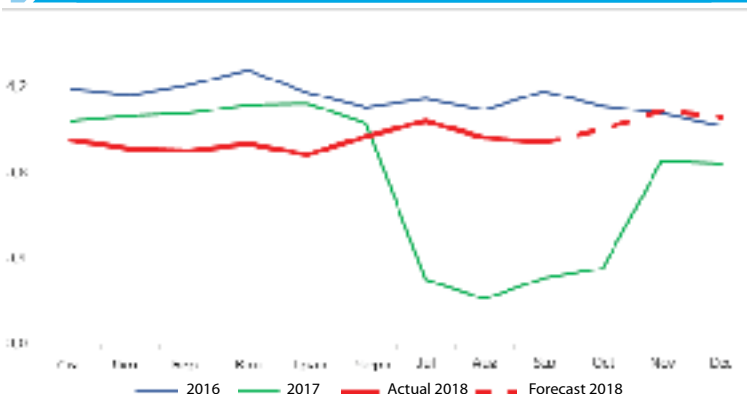
Price: UAH 113.5 Market Cap: USD 220mn

	P/B	EV/S	P/E	EV/EBITDA	Div. Yield
2017	1.9	0.2	13.2	3.2	n/a
2018E	1.2	0.2	2.5	1.4	n/a

**NEWS**

UkrNafta, the largest Ukrainian oil company, raised its oil & condensate output by 3.5% YoY to 1.08mn tonnes (7.86mn barrels) in 9M18, according to the company's production report published on Oct 10. UkrNafta said that its 3Q18 daily average oil output was roughly 4,000 tonnes, which is 21% higher than in the corresponding period a year ago. However, on the natural gas side of the business, the company's extraction declined by 6.8% YoY to 797mn cubic meters in the 9-month period.

**UKRNAFTA'S DAILY AVERAGE OUTPUT, '000 tonnes per day**



Source: The company's data

**COMMENTARY**

The news is clearly POSITIVE for UNAF stock and gives us more ground to expect a solid earnings report from the company for 3Q18. UkrNafta's improved daily average oil extraction was attributed to well workovers and output intensification at idle wells, including hydraulic fracture stimulations, reperforations, and recompletions. Nevertheless, the investment level is insufficient for significant production growth because of the non-solved problem of the historical tax debt that restricts the company's ability to manage financial resource. UkrNafta is expected to deliver a 5% YoY oil production growth for 2018 to 1.45mn tonnes (10.6mn bbl). The company's CEO Mark Rollins once again reminded that in case of a proper investments at level of USD 100mn per year UkrNafta could boost oil output by 1.5x times from the current production level.

UNAF Kyiv-listed stock has been trading in a narrow range for the past two months. The stock did not react much on the latest production figure hovering at UAH 112 - 114 per share.

## Ferrexpo's Pellet Production Up 7% YoY in 3Q, But Only 1% for 9M18

by Dmitry Churin  
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### FERREXPO (FXPO LN)

Price: GBp 225 Market Cap: USD 1,748mn

	P/B	EV/S	P/E	EV/EBITDA	Div. Yield
2017	3.7	1.8	4.4	3.9	5.6%
2018E	2.0	1.7	4.2	3.7	3.3%

### NEWS

Ferrexpo, Ukraine's largest iron ore pellet exporter, increased pellet production by 6.7% YoY to 2.66mn tonnes in 3Q18, according to the company's operational update dated Oct 9. The increase was attributed to completion of modernization of the pellet production line in 2Q18. The output of top-value-added 65 percent Fe pellets rose by 6.3% QoQ to 2.49mn tonnes in 3Q18, accounting for 94% of total production in the period. For 9M18 Ferrexpo's production rose by 1.3% to 7.76mn tonnes.

### FERREXPO PRODUCTION FIGURES

000' tonnes	3Q18	2Q18	Change QoQ	9M18	9M17	Change YoY
Total Pellets Produces	2,659.85	2,511.01	+5.9%	7,756.06	7,652.80	+1.3%
- 62% Fe pellets	167.44	167.23	+0.1%	484.57	414.50	+16.9%
- 65% Fe pellets	2,492.41	2,343.78	+6.3%	7,271.49	7,238.30	+0.5%

Source: Companies' data

### COMMENTARY

The latest Ferrexpo's production data suggests that the company will produce about 10.5mn tonnes of iron ore pellets in full year of 2018, which would be only marginally higher than in FY17 and still below a production level of 11.2mn tonnes reached in FY16. Meanwhile, the main good news for Ferrexpo is that global iron ore prices perform better than expected. According to Metal Bulletin, the spot price for benchmark 62% fines was steady at USD 70.00 a tonne, consolidating at a seven-month high.

Ferrexpo's London-listed stock was in a downward move in March-September period and now it is on the way for recovery with the next resistance level we assume at GBp 240 per share. The strong support line for the stock was GBp 150 per share. Currently FXPO trades at GBp 225.

## EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
<b>Agriculture</b>						
Kernel	KER PW	50.7	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	12.2	16.5	36%	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	30.0	70.0	133%	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	12.8	13.0	2%	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	11%	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	108.0	110.0	2%	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	229	230	0%	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	114	270	138%	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	0.27	0.33	22%	BUY	Galnaftogaz is pursuing a plan to aggressively expand its filling station network.
Regal Petroleum	RPT LN	41.2	30.0	-27%	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	44.0	33.0	-25%	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	16.82	25.60	52%	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	0.331	0.47	42%	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*	Absolute performance				Performance relative to the UX index			
					1W	1M	3M	YtD	1W	1M	3M	YtD
PFTS Index	UX	553.99	554.36	296.65	1.2%	4.7%	11.9%	75.8%	--	--	--	--
<b>Iron Ore Mining</b>												
Ferrexpo	FXPO	225.50	316.10	143.50	3.8%	52.3%	42.0%	-23.1%	2.6%	47.6%	30.1%	-98.9%
<b>Railcar Manufacturing</b>												
Kryukiv Wagon	KVBZ	10.20	12.10	10.20	0.0%	-15.0%	-2.9%		-1.2%	-19.7%	-14.8%	
<b>Specialized Machinery</b>												
Motor Sich	MSICH	5390	5695	2873								
Turboatom	TATM	13.35	14.15	13.00	-4.0%	-3.3%			-5.1%	-8.0%		
<b>Telecom</b>												
Ukrtelecom	UTLM	0.14	0.135	0.130	0.0%	0.0%			-1.2%	-4.7%		
<b>Oil &amp; Gas</b>												
Regal Petroleum	RPT	41.10	44.40	5.30	0.5%	9.3%	93.9%	486.7%	-0.7%	4.6%	82.0%	410.9%
JKX Oil	JKX	42.50	42.50	11.00	2.7%	43.6%	39.3%	286.4%	1.5%	38.8%	27.4%	210.5%
Ukrnafta	UNAF	113.5	116.00	98.00	3.2%	3.7%			2.0%	-1.1%		
<b>Power Utilities</b>												
Centrenergo	CEEN	16.82	23.70	10.89	6.2%	16.0%	16.8%	32.5%	5.0%	11.3%	4.9%	-43.3%
Donbasenergo	DOEN	28.50	28.50	21.10	2.9%	5.6%			1.7%	0.8%		
<b>Consumer</b>												
Agroton	AGT	3.50	6.06	2.83	-3.8%	-2.2%	15.5%	-23.6%	-5.0%	-7.0%	3.6%	-99.4%
Astarta	AST	29.90	57.60	29.10	-0.3%	-6.3%	-6.9%	-41.9%	-1.5%	-11.0%	-18.7%	-117.8%
Avangardo	AVGR	0.27	0.58	0.27	-15.6%	-18.2%	-18.2%	-25.0%	-16.8%	-22.9%	-30.1%	-100.8%
Industrial Milk Company	IMC	12.50	13.90	10.98	0.8%	8.7%	0.4%	0.2%	-0.4%	4.0%	-11.5%	-75.7%
Kernel	KER	51.50	55.20	45.51	-0.2%	8.4%	9.7%	8.4%	-1.4%	3.7%	-2.2%	-67.5%
MHPC	MHPC	12.15	15.45	10.95	-1.2%	-2.0%	-4.7%	5.7%	-2.4%	-6.8%	-16.6%	-70.2%
Milkiland	MLK	0.65	1.85	0.54	-21.7%	20.4%	-38.7%	-57.8%	-22.9%	15.6%	-50.6%	-133.6%
Ovostar Union	OVO	108.00	117.00	88.00	3.8%	6.9%	10.8%	22.7%	2.7%	2.2%	-1.1%	-53.1%
<b>Banks</b>												
Raiffeisen Bank Aval	BAVL	0.331	0.36	0.26	0.8%	1.9%	16.8%		-0.4%	-2.9%	4.9%	

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	436	368	166	156	101	40.1%	35.8%	27.5%	77	117	74	18.6%	26.7%	20.0%
<b>Oil &amp; Gas</b>																
Ukrnafta	UNAF	885	1,011	1,039	116	65	153	13.1%	6.5%	14.7%	-343	17	88	-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%
<b>Electric Utilities</b>																
Centrenergo	CEEN	419	412	532	46	104	49	11.1%	25.2%	9.2%	15	71	35	3.6%	17.3%	6.7%
Donbasenergo	DOEN	157	147	116	7	8	8	4.4%	5.8%	6.5%	-2	2	1	-1.1%	1.4%	0.9%
<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	2,386	346	319	306	17.4%	14.7%	12.8%	225	176	190	11.3%	8.1%	8.0%
Astarta	AST	402	514	452	167	134	162	41.6%	26.1%	35.9%	90	69	75	22.4%	13.5%	16.7%
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>																
		Total Assets			Total Equity			Total Income			Net Profit			Return on Equity		
Raiffeisen Bank Aval	BAVL	2,113	2,455	2,482	381	404	408	192	234	236	150	169	236	39.4%	41.8%	58.0%

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	1,748	24.0%	420	2,151	9.2	4.4	4.2	5.7	3.9	3.7	2.2	1.8	1.7	
<b>Railcar Manufacturing</b>															
Krukiv Wagon	KVBZ	42	5.0%	2	36	neg	22.6	16.3	>30	6.0	4.9	0.5	0.7	0.6	
<b>Specialized Machinery</b>															
Turboatom	TATM	201	5.8%	12	115	7.3	7.3	7.2	3.4	3.3	3.2	1.2	1.2	1.1	
Motor Sich	MSICH	398	24.0%	96	335	5.2	3.4	5.4	2.0	2.1	3.3	0.8	0.8	0.9	
<b>Oil &amp; Gas</b>															
Ukrnafta	UNAF	219	3.0%	7	210	neg	13.1	2.5	1.8	3.2	1.4	0.2	0.2	0.2	
Regal Petroleum	RPT	174	21.6%	37	149	n/a	>30	>30	12.9	8.5	7.8	5.8	4.3	3.0	
JKX Oil & Gas	JKX	96	50.4%	48	204	neg	neg	>30	7.0	11.4	7.0	2.6	2.5	2.3	
<b>Electric Utilities</b>															
CentrEnergO	CEEN	221	21.7%	48	185	14.6	3.1	6.2	4.0	1.8	3.8	0.4	0.4	0.3	
DonbasEnergO	DOEN	24	14.2%	3	38	neg	11.4	23.0	5.5	4.5	5.1	0.2	0.3	0.3	
<b>Consumer</b>															
MHP	MHPC	1,284	34.1%	438	2,464	21.7	5.6	3.9	5.9	4.5	4.5	2.2	1.9	1.7	
Kernel	KER	1,107	61.8%	684	1,107	4.9	6.3	5.8	3.2	3.5	3.6	0.6	0.5	0.5	
Astarta	AST	202	37.0%	75	428	2.2	2.9	2.7	2.6	3.2	2.6	1.1	0.8	0.9	
Avangardco	AVGR	17	22.5%	4	349	neg	neg	neg	>30	29.6	23.2	1.8	2.7	2.7	
Ovostar	OVO	175	25.0%	44	177	5.0	17.5	12.5	4.4	11.5	8.7	2.1	2.2	2.0	
<b>Banks</b>															
							P/E			P/Book			P/Assets		
Raiffeisen Bank Aval	BAVL	724	1.8%	13		4.8	4.3	4.1	1.9	1.8	1.8	0.34	0.29	0.29	

Source: Eavex Research

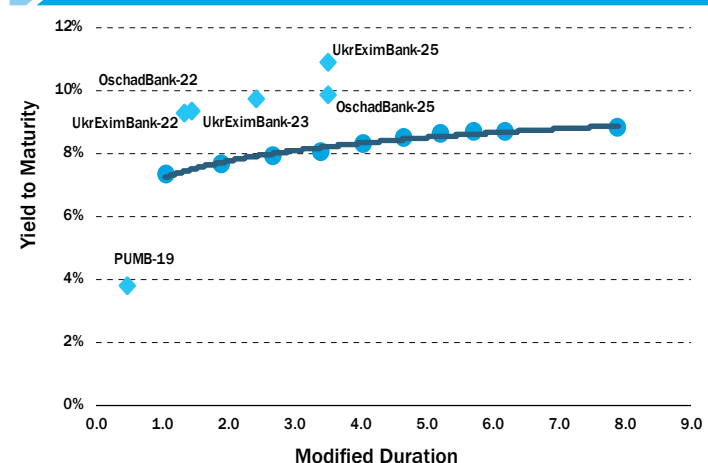
## UKRAINIAN EUROBONDS

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	100.5	101.3	7.1%	6.2%	-4.2%	0.8	7.75%	S/A	1 Sept 2019	661	Caa2/B-/B-
Ukraine, 2020	100.3	100.8	7.6%	7.3%	-5.4%	1.7	7.75%	S/A	1 Sept 2020	1,365	Caa2/B-/B-
Ukraine, 2021	100.0	100.8	7.7%	7.4%	-6.0%	2.5	7.75%	S/A	1 Sept 2021	1,409	Caa2/B-/B-
Ukraine, 2022	99.1	99.8	8.0%	7.8%	-6.8%	3.3	7.75%	S/A	1 Sept 2022	1,384	Caa2/B-/B-
Ukraine, 2023	97.3	98.1	8.4%	8.2%	-8.3%	3.9	7.75%	S/A	1 Sept 2023	1,355	Caa2/B-/B-
Ukraine, 2024	95.7	96.7	8.7%	8.5%	-8.8%	4.6	7.75%	S/A	1 Sept 2024	1,339	Caa2/B-/B-
Ukraine, 2025	94.0	95.0	8.9%	8.7%	-9.6%	5.1	7.75%	S/A	1 Sept 2025	1,329	Caa2/B-/B-
Ukraine, 2026	92.6	93.6	9.1%	8.9%	-10.0%	5.7	7.75%	S/A	1 Sept 2026	1,318	Caa2/B-/B-
Ukraine, 2027	91.6	92.6	9.1%	9.0%	-10.9%	6.1	7.75%	S/A	1 Sept 2027	1,307	Caa2/B-/B-
Ukraine, 2032	84.8	85.8	9.3%	9.2%	-13.3%	7.8	7.375%	S/A	25 Sept 2032	3,000	//B-
Ukraine, GDP-linked (VRI)	50.4	51.4	n/a	n/a	-7.6%	n/a	0.00%	S/A	31 May 2040	3,214	/B-/
<b>Corporate Eurobonds</b>											
Agroton, 2019	16.0	20.6	549%	424%	10.6%	0.2	6.00%	S/A	14 Jul 2019	8	//
Kernel, 2022	101.4	102.3	8.2%	7.9%	-7.8%	2.8	8.75%	S/A	31 Jan 2022	500	/B/B+
MHP, 2020	102.6	104.0	6.3%	5.4%	-5.1%	1.4	8.25%	S/A	2 Apr 2020	79	/B/B
MHP, 2024	99.8	100.3	7.8%	7.7%	-8.0%	4.3	7.75%	S/A	10 May 2024	500	/B/B
MHP, 2026	92.6	93.5	8.3%	8.1%	-7.0%	5.6	6.95%	S/A	4 Apr 2026	550	/B/B
Avangardco, 2018	20.1	23.2	n/a	n/a		0.0	10.00%	S/A	29 Oct 2018	214	//
UkrLandFarming, 2018	20.3	24.0	n/a	n/a		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	101.2	102.2	10.5%	10.3%	-5.4%	4.5	10.75%	S/A	31 Dec 2024	1,344	//
Metinvest, 2021	100.0	102.0	7.4%	6.7%	-3.9%	n/a	9.37%	S/A	31 Dec 2021	117	//B
Metinvest, 2023	95.1	96.0	9.1%	8.8%	-3.5%	3.7	7.75%	S/A	23 Apr 2023	945	//B
Metinvest, 2026	94.4	95.3	9.6%	9.4%	-3.8%	5.2	8.50%	S/A	23 Apr 2026	648	//B
Ferrexpo, 2019	102.1	103.1	5.9%	3.7%	-2.2%	0.5	10.375%	S/A	07 Apr 2019	93	Caa3/CCC/CC
Ferrexpo, 2019	102.0	103.0	6.0%	3.9%	-2.4%	0.5	10.375%	S/A	07 Apr 2019	80	Caa3/CCC/CC
UZ Rail, 2021	100.0	101.0	9.9%	9.5%	-5.7%	1.1	9.88%	S/A	15 Sept 2021	500	/CCC+/CCC
Interepipe, 2017	29.7	33.9	n/a	n/a	12.2%	n/a	10.25%	S/A	2 Aug 2017	200	IN DEFAULT
JKX Oil&Gas, 2018	85.2	95.2	27.8%	18.1%	6.1%	1.1	8.00%	S/A	19 Feb 2018	16	//
<b>Bank Eurobonds</b>											
PUMB, 2018	100.6	102.3	8.2%	-0.3%	-2.7%	0.2	11.00%	Q	31 Dec 2018	103	//
PrivatBank, 2018-2	20.0	30.0	n/a	n/a	-25.4%	1.5	10.25%	S/A	23 Jan 2018	160	IN DEFAULT
PrivatBank, 2021	8.6	13.6	n/a	n/a	-28.2%	1.1	11.00%	S/A	09 Feb 2021	220	IN DEFAULT
PrivatBank, 2018	22.0	25.3	n/a	n/a	-41.2%	n/a	10.88%	S/A	28 Feb 2018	175	IN DEFAULT
UkrEximBank, 2022	101.5	102.3	9.1%	8.8%	-4.9%	1.2	9.625%	S/A	27 Apr 2022	750	Caa3//B-
UkrEximBank, 2023	94.6	96.6	11.3%	10.6%	-4.8%	3.5	7.51%	S/A	9 Feb 2023	125	Caa3//CCC
UkrEximBank, 2025	100.0	100.9	9.7%	9.6%	-7.4%	3.5	9.75%	S/A	22 Jan 2025	600	Caa3//B-
Oschadbank, 2023	100.5	101.3	9.2%	9.0%	-5.8%	1.1	8.25%	S/A	10 Mar 2023	700	Caa3//B-
Oschadbank, 2025	99.7	100.8	9.7%	9.5%	-7.0%	2.3	8.88%	S/A	20 Mar 2025	500	Caa3//B-
<b>Municipal Eurobonds</b>											
City of Kyiv, 2015			n/a	n/a		n/a	8.00%	S/A	6 Nov 2015	101	IN DEFAULT

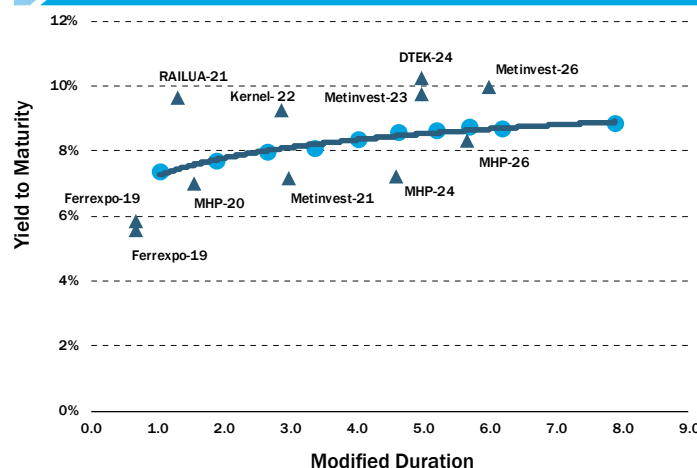
<sup>1</sup> Moody's/S&P/Fitch

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			19.30%	17.80%	n/a	n/a	S/A	10 Apr .2019	n/a
<b>VAT Bonds</b>									
UA4000185151			19.50%	18.00%	1.9	9.50%	S/A	8 Jul 2019	3,577
UA4000185557			19.50%	18.00%	1.9	9.50%	S/A	22 Jul 2019	2,171
UA4000186159			19.50%	18.00%	1.9	9.50%	S/A	20 Aug 2019	955

Source: Bloomberg, Cbonds, Eavex Research

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