

Market Update

Equity

Kyiv-listed stocks were mixed in very light trading on Monday (Jan 25), with the Ukrainian exchange reporting only 49 total deals involving blue chip issues. The main European bourses opened the week with some moderate losses, but heavy selling resumed in the US, with the S&P 500 closing down by 1.5%. In domestic political developments, it is now obvious that President Poroshenko lacks the support in Parliament needed to pass a constitutional amendment required by the Minsk peace agreement, and the changes will not be put to a vote this week as previously planned. The UX index finished unchanged at 659 points. The most active issue, Motor Sich, lost 1.1% to UAH 1800 on turnover of UAH 400,000, while CentrEnergO added 0.8% to UAH 4.49; together, the two heavyweights account for 40% of the UX index basket. Raiffeisen Aval and UkrNafta were both flat for the day, while sporadically-traded Yenakievo Steel moved up by 4.0% to UAH 15.45 on a single deal. In London, Ferrexpo and JKC Oil & Gas edged down by 1.5% and 0.9% respectively, with the latter ending at GBP 26.25. Warsaw-listed Kernel (KER) gained 2.4% to PLN 42.80 while Astarta (AST) declined 1.7% to PLN 28.82.

Fixed Income

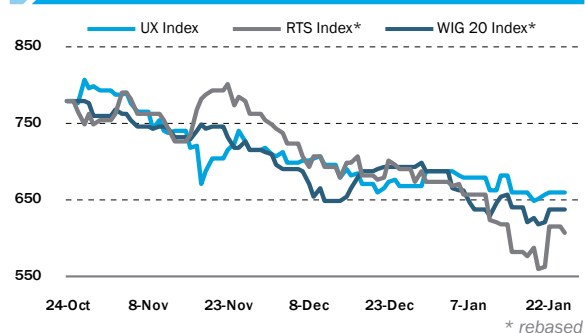
Ukrainian sovereign bonds declined on Monday with both Ukraine-19s and Ukraine-27s down by 0.3p.p. to 93.8/94.8 (9.9%/9.5%) and 88.5/89.5 (9.4%/9.2%), respectively. In the corporate universe, Metinvest-18s fell by hefty 4.5p.p. to 39.0/43.0 (67.6%/60.6%) and UkrLandFarming-18s dropped by 2.5p.p. to 40.0/48.0 (67.1%/54.5%) on the news about the halved group's EBITDA over 9M15.

Highlights

FIXED INCOME

- UkrLandFarming's EBITDA Slumped 52% YoY in 9M15

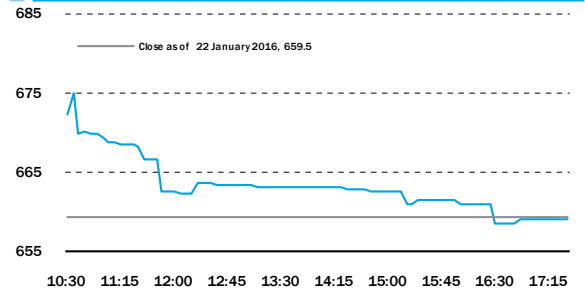
STOCK MARKET PERFORMANCE



MARKET INDEXES

	Last	1D ch	1M ch	YTD
UX	659.0	-0.1%	-1.0%	-3.9%
RTS	681.6	-1.4%	-11.8%	-10.0%
WIG20	1729.6	0.1%	-8.0%	-7.0%
MSCI EM	716.1	0.8%	-11.0%	-9.5%
S&P 500	1877.1	-1.6%	-8.9%	-9.0%

UX INTRADAY JANUARY 25, 2016



FIXED INCOME

	Last	1D ch	1M ch	YTD
EMBI+Global	502.0	1.0%	11.6%	13.6%
CDS 5Y UKR	1050.0	0.0%	0.0%	0.0%
Ukraine-19	9.7%	0.3 p.p.	0.0%	1.9%
Ukraine-27	9.3%	0.0 p.p.	-0.3%	1.6%
MHP-20	12.7%	0.0 p.p.	0.5 p.p.	0.5 p.p.
RAILUA-18	17.2%	0.1 p.p.	0.6 p.p.	0.5 p.p.

CURRENCY

	Last, UAH	1D ch	1M ch	YTD
USD	24.80	1.0%	7.1%	3.2%
EUR	26.91	1.5%	7.1%	2.4%
RUB	0.31	-1.6%	-4.6%	-5.2%

COMMODITIES

	Last	1D ch	1M ch	YTD
Wheat, USD/t*	172.5	0.0%	-5.5%	-5.5%
Steel, USD/t	257.5	0.0%	-1.9%	2.0%
Oil, USD/bbl	30.5	-5.2%	-20.6%	-17.3%
Gold, USD/oz	1108.0	0.9%	3.0%	4.4%

*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

UkrLandFarming's EBITDA Slumped 52% YoY in 9M15

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NEWS

UkrLandFarming, Ukraine's largest agricultural holding in terms of operated landbank, suffered a drop in its net revenue of 38% YoY to USD 716mn in 9M15, according to a financial statement released on Monday (Jan 25). The decline was mostly due to a plunge in distribution (grain trading) segment revenue by USD 237mn to USD 124mn and to a USD 160mn drop in sales of eggs and egg products to USD 170mn over the period. Operating profit plummeted 83% YoY to USD 66mn on lower operating results in both the egg and crop segments, compounded with one-off effects from a USD 125mn write-off of assets and impairment losses. Adjusted for one-offs, ULF's EBITDA fell by 52% YoY to USD 241mn, implying an EBITDA margin of 34% vs. 43% in 9M14. An increase in interest expenses by 10% YoY to USD 123mn together with a USD 117mn foreign exchange loss pushed the company's bottom line underwater to USD -164mn in 9M15, compared to positive USD 18mn in 9M14.

In the reporting period, ULF's net cash flow from operations declined by 66% YoY to USD 59mn while CapEx dropped by 52% to USD 99mn. CapEx was predominantly used for construction of storage capacities.

ULF's cash and equivalents slid by 62% YtD as of Sept 30 to USD 74mn. Total debt edged down by 3% YtD to USD 1.63bn while net debt increased by 5% to USD 1.56bn. The slide in EBITDA resulted in a surge in the Net Debt/12M EBITDA ratio to 8.9x as of Sept 30, compared to 3.4x at end-2014.

COMMENTARY

Despite the growth in ULF's revenue of the crop & seeds division by 5% to USD 371mn in 9M15, the segment's operating income was down by 34% to USD 205mn. This disparity occurred because of a drop in income from VAT refunds by USD 55mn (to 44mn) as well as a USD 80mn drop in revaluation of biological assets on the back of rather weak yields in spring crops, especially corn, the group's core crop. In the egg segment, ULF's subsidiary Avangard saw poor operating earnings due to a halving in the company's egg output as well as a 14-18% decline in achieved prices for its eggs and egg products in USD terms. Importantly, ULF [logically] excluded one-off events from its EBITDA figure, but these were strangely included in the EBITDA of Avangard for 9M15 (impairment of goods and loss of cash deposited in a liquidated bank). Meanwhile, ULF did not shed any light on its progress in restructuring its USD 150mn loan owed to Russia's Sberbank. We note that with its current Debt/EBITDA ratio of 9.3x far exceeding its Eurobond covenant level of 3.0x, ULF is forbidden from any new borrowing unless the new debt is used directly to pay down current arrears.

EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
Agriculture						
Kernel	KER PW	42.8	57.20	34%	BUY	The group's stock looks undervalued currently even after taking into account an expected decrease in earnings in FY16 due to lowering in seed-crushing margin from an exceptionally high level of FY15.
MHP	MHPC LI	7.7	12.03	57%	BUY	MHP's new soybean processing plant and expected launch of new breeding facilities in early 2016 bodes well for optimization of its poultry production cost. The group's long-term targets are a 50% expansion in poultry output to 900,000 tonnes by 2019 and a 40% land bank increase to 550,000ha.
Astarta	AST PW	28.8	36.1	25%	BUY	Astarta has made decisive moves toward diversification (it opened a soybean processing plant in early 2014) and cost optimization (a bioenergy complex was launched in 2014). Astarta's exposure to UAH devaluation is largely offset by its UAH cost base, and it has no assets in the Donbass.
IMC	IMC PW	5.8	9.4	61%	BUY	IMC's quality agribusiness model suggests to us that the company's stock is undervalued. IMC's work on debt reduction, its ongoing land bank expansion program, and high standards of corporate governance are all positive factors offsetting the stock's low trading volume.
AvangardCo	AVGR LI	1.2	U/R	--	U/R	A massive loss on the EBITDA level of almost USD 100mn for 1H15 has damaged Avangard's financial reporting credibility.
Ovostar Union	OVO PW	90.0	80.8	-10%	U/R	Ovostar managed to increase its EBITDA by 15% YoY to USD 24mn in 9M15, as a drop in devaluation-driven egg pricing in USD terms was offset by strong growth in output, rising export sales, and high hryvnia egg inflation (+60% YoY in 9M15).
Iron Ore						
Ferrexpo	FXPO LN	16.5	11.0	-33%	SELL	The long slide in benchmark iron ore prices, exacerbated by a reduction in the pellet-to-fines premium, has hammered Ferrexpo's earnings in 2015. Gloomy outlook for 2016 suggests even more depressed results in the next year.
Steel						
Azovstal	AZST	0.38	0.56	47%	SELL	Non-transparent accounting practices overseen by majority owner Metinvest detrimentally affect Azovstal's reported earnings.
Coke						
Avdyivka Coke	AVDK	1.13	U/R	--	Susp.	Avdyivka Coke's facilities are located on the front line of the Donbass separatist-occupied territory, and the plant has been experiencing periodic artillery shelling since August 2014. However, the company continues to operate, albeit at reduced capacity.
Specialized Machinery						
Motor Sich	MSICH	1800	5250	192%	BUY	Motor Sich should see its revenue grow with a 2012-2016E CAGR of 9%, reaching USD 1.2bn. For 2012-2016, we forecast an average EBITDA margin of 35% and a net margin of 28%.
Oil & Gas						
Concern Galnaftogaz	GLNG	0.15	0.24	60%	BUY	Galnaftogaz is pursuing a plan to aggressively expand its filling station network.
Regal Petroleum	RPT	2.9	U/R	--	U/R	Regal has repeatedly missed its production targets since 2012.
JKX Oil & Gas	JKX	27.0	U/R	--	U/R	The launch of extraction at JKX's Russian gas field has lifted output, but the company's higher-margin Ukrainian operations continue to lag behind expectations.
Power Utilities						
DonbasEnerg	DOEN	14.9	U/R	--	U/R	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	4.50	15.00	234%	BUY	CenterEnerg's privatization has been postponed, but the company retains a strong fundamental value due to its large installed electricity generation capacity.
Banks						
Raiffeisen Bank Aval	BAVL	0.072	0.24	236%	BUY	Raiffeisen Aval has a conservative risk policy, and we therefore assume it will manage to weather the current banking crisis in Ukraine and start to generate profits starting from 2016. The EBRD is expected to purchase a stake in the institution.

Source: Eavex Research

PRICES AND QUOTES

Name	Ticker	Today, UAH*	52 high, UAH*	52 low, UAH*	Absolute performance				Performance relative to the UX index			
					1d	1w	1m	ytd	1d	1w	1m	ytd
UX Index	UX	658.99	1158.71	631.82	-0.1%	0.2%	-1.0%	-3.9%	0.0%	0.0%	0.0%	0.0%
Steel												
Alchevsk Steel	ALMK	0.012	0.017	0.010	-0.8%	4.3%	13.2%	8.1%	-0.7%	4.2%	14.2%	12.0%
Azovstal	AZST	0.38	0.89	0.34	0.3%	-2.8%	0.8%	-5.3%	0.3%	-3.0%	1.8%	-1.3%
Enakievo Steel	ENMZ	15.44	21.93	8.60	3.1%	20.2%	15.8%	10.3%	3.2%	20.1%	16.9%	14.2%
Coke												
Avdyivka Coke	AVDK	1.13	1.67	0.86	-0.9%	12.2%	7.5%	2.5%	-0.8%	12.1%	8.6%	6.5%
Yasnivsky Coking	YASK	0.24	0.43	0.06	0.0%	41.2%	-27.3%	4.3%	0.1%	41.0%	-26.2%	8.3%
Iron Ore Mining												
Centralny GOK	CGOK	4.50	n/a	n/a	0.0%	0.0%	-37.9%	5.6%	0.1%	-0.2%	-36.9%	9.6%
Ferrexpo	FXPO	16.50	80.00	14.00	-1.5%	-13.2%	-17.5%	-23.3%	-1.4%	-13.3%	-16.5%	-19.3%
Pivnichny GOK	SGOK	3.50	9.50	2.20	-10.2%	7.5%	16.7%	-33.9%	-10.2%	7.3%	17.7%	-30.0%
Coal Mining												
Pokrovske Mine	SHCHZ	0.23	n/a	n/a	0.0%	0.0%	0.0%	0.0%	0.1%	-0.2%	1.0%	3.9%
Pipe Manufacturing												
Khartsyzk Pipe	HRTR	0.19	0.59	0.12	0.0%	0.0%	11.8%	5.6%	0.1%	-0.2%	12.8%	9.5%
Railcar Manufacturing												
Kryukiv Wagon	KVBZ	8.00	13.39	7.00	-0.1%	0.0%	11.1%	1.1%	0.0%	-0.2%	12.1%	5.1%
Luhanskteplovoz	LTPL	0.45	n/a	n/a	0.0%	0.0%	-25.0%	0.0%	0.1%	-0.2%	-24.0%	3.9%
Specialized Machinery												
Motor Sich	MSICH	1800	2939	1790	-1.1%	-6.4%	-8.4%	-9.0%	-1.0%	-6.6%	-7.3%	-5.1%
Turboatom	TATM	6.50	n/a	n/a	0.0%	62.5%	44.4%	44.4%	0.1%	62.3%	45.5%	48.4%
Telecom												
Ukrtelecom	UTLM	0.12	0.21	0.09	-24.8%	-7.7%	0.0%	0.0%	-24.7%	-7.9%	1.0%	3.9%
Oil & Gas												
Regal Petroleum	RPT	2.93	6.50	2.93	-6.5%	-6.5%	-28.7%	-22.0%	-6.5%	-6.7%	-27.6%	-18.1%
JKX Oil	JKX	26.25	37.38	12.00	-0.9%	4.0%	-3.7%	-3.7%	-0.9%	3.8%	-2.6%	0.2%
Ukrnafta	UNAF	168.0	337.6	153.1	0.0%	5.0%	-2.3%	-5.1%	0.1%	4.8%	-1.3%	-1.2%
Power Utilities												
Centrenergo	CEEN	4.50	8.50	4.12	0.8%	2.9%	-2.2%	-1.4%	0.9%	2.7%	-1.2%	2.5%
Donbasenergo	DOEN	14.90	32.95	14.40	-0.7%	-1.1%	1.3%	-5.5%	-0.6%	-1.2%	2.3%	-1.5%
Zakhidenergo	ZAEN	70.1	193.9	52.0	0.0%	0.1%	-21.2%	-16.5%	0.1%	0.0%	-20.2%	-12.6%
Consumer												
Agroton	AGT	0.85	1.52	0.80	2.4%	-3.4%	-11.5%	-15.8%	2.5%	-3.6%	-10.4%	-11.9%
Astarta	AST	28.82	38.50	21.19	-1.7%	-12.7%	-12.4%	-16.5%	-1.6%	-12.8%	-11.4%	-12.5%
Avangardo	AVGR	1.20	3.80	0.23	20.0%	20.0%	-4.0%	-4.0%	20.1%	19.8%	-3.0%	-0.1%
Industrial Milk Company	IMC	5.84	7.24	4.38	0.0%	-0.7%	0.2%	-2.2%	0.1%	-0.8%	1.2%	1.7%
Kernel	KER	42.80	55.20	29.40	2.4%	-2.9%	-7.2%	-11.0%	2.5%	-3.1%	-6.1%	-7.1%
Mriya Agro Holding	MAYA	n/a	0.60	0.05	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MHPC	MHPC	7.68	12.05	7.28	0.3%	-4.0%	-11.7%	-17.4%	0.3%	-4.2%	-10.7%	-13.5%
Milkiland	MLK	1.18	3.50	0.89	4.4%	-10.6%	-19.7%	-16.9%	4.5%	-10.8%	-18.7%	-13.0%
Ovostar Union	OVO	90.00	93.00	68.00	1.1%	3.4%	2.9%	-0.6%	1.2%	3.3%	3.9%	3.4%
Chemicals												
Stirol	STIR	5.95	n/a	n/a	0.0%	0.0%	10.2%	0.0%	0.1%	-0.2%	11.2%	3.9%
Banks												
Raiffeisen Bank Aval	BAVL	0.072	0.114	0.069	0.0%	1.3%	-3.0%	-5.0%	0.1%	1.1%	-2.0%	-1.1%
UkrSotsbank	USCB	0.096	0.120	0.064	0.0%	0.0%	-8.3%	-2.5%	0.1%	-0.2%	-7.3%	1.4%

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		
		2014	2015E	2016E	2014	2015E	2016E	2014	2015E	2016E	2014	2015E	2016E	2014	2015E	2016E
Steel																
Alchevsk Steel	ALMK	1,254	527	517	248	-50	-54	19.7%	-9.6%	-10.5%	na	-115	-110	na	-21.8%	-21.4%
Enakievo Steel	ENMZ	916	642	482	6	18	13	0.6%	2.8%	2.6%	-33	-37	-42	-3.6%	-5.7%	-8.7%
Azovstal	AZST	1,885	1,157	868	183	70	45	9.7%	6.0%	5.1%	77	-38	-40	4.1%	-3.3%	-4.6%
Coke																
Avdyivka Coke	AVDK	533	294	258	-60	31	27	na	10.7%	10.5%	-67	4	1	-12.5%	1.3%	0.5%
Yasynivsky Coking	YASK	162	83	66	-12	-9	-10	-7.3%	na	-15.8%	-19	-11	-11	-11.5%	-13.9%	-17.0%
Iron Ore Mining																
Centralny GOK	CGOK	523	307	223	261	164	118	49.9%	53.5%	53.0%	64	-1	-7	12.3%	-0.4%	-3.3%
Pivnichny GOK	SGOK	1,048	615	447	571	251	140	54.5%	40.8%	31.3%	129	-2	-15	12.3%	-0.4%	-3.3%
Ferrexpo	FXPO	1,388	953	727	496	243	65	35.8%	25.5%	8.9%	184	116	-29	13.2%	12.1%	-3.9%
Pipe Manufacturing																
Khartsyzk Pipe	HRTR	193	92	75	43	18	12	22.6%	19.3%	15.8%	23	2	1	11.7%	2.0%	1.1%
Railcar Manufacturing																
Kryukiv Wagon	KVBZ	179	41	46	-17	-4	-4	-9.3%	-9.3%	-7.7%	-22	-9	-4	-12.3%	-22.2%	-9.1%
Specialized Machinery																
Turboatom	TATM	164	115	83	73	39	29	44.6%	34.0%	35.0%	53	23	17	32.4%	20.0%	20.0%
Motor Sich	MSICH	879	636	630	342	218	191	38.9%	34.3%	30.3%	129	92	75	14.7%	14.5%	11.9%
Telecom																
Ukrtelecom	UTLM	412	254	207	85	72	58	20.6%	28.5%	28.0%	18	9	4	4.4%	3.6%	2.0%
Oil & Gas																
Ukrnafta	UNAF	2,324	1,336	963	380	247	120	16.4%	18.4%	12.5%	105	161	33	4.5%	12.1%	3.4%
Regal Petroleum	RPT	37	35	22	-146	15	10	na	44.5%	45.5%	-127	6	-1	na	16.6%	-4.5%
JKX Oil	JKX	146	150	120	69	70	55	46.9%	46.7%	45.8%	-80	5	2	-54.4%	3.3%	1.7%
Electric Utilities																
Centrenergo	CEEN	630	323	353	26	13	12	4.1%	4.1%	3.5%	6	5	10	0.9%	1.4%	2.9%
Donbasenergo	DOEN	458	190	178	20	-12	6	4.4%	-6.5%	3.5%	8	-16	2	1.8%	-8.5%	1.2%
Consumer																
MHP	MHPC	1,379	1,131	1,290	510	455	450	37.0%	40.2%	34.9%	-412	-81	211	-29.9%	-7.2%	16.4%
Kernel	KER	2,393	2,330	2,382	223	397	345	9.3%	17.0%	14.5%	-107	101	182	-4.5%	4.3%	7.6%
Astarta	AST	468	360	385	159	102	114	34.0%	28.2%	29.6%	-90	-12	19	-19.3%	-3.4%	4.9%
Avangardco	AVGR	420	na	na	129	na	na	30.9%	na	na	-27	na	na	-6.4%	na	na
Ovostar	OVO	75	na	na	29	na	na	38.9%	na	na	26	na	na	34.5%	na	na
Banks																
		Total Assets			Total Equity			Total Income			Net Profit			Return on Equity		
Raiffeisen Bank Aval	BAVL	2,869	1,992	2,302	390	296	318	327	217	216	-87	-115	33	-22.2%	-38.9%	10.4%
Ukrsotsbank	USCB	2,730	1,833	1,976	518	333	278	150	86	77	-42	-415	-50	-8.0%	-124.4%	-17.9%

Source: Eavex Research

MAIN TRADING MULTIPLES

Ticker	MCap USD mn	Free Float % USD mn	EV USD mn	P/E			EV/EBITDA			EV/Sales			EV/Output			Units		
				2014	2015E	2016E	2014	2015E	2016E	2014	2015E	2016E	2014	2015E	2016E			
Steel																		
Alchevsk Steel	ALMK	13	3.9%	0	2,628	n/a	neg	neg	10.6	neg	neg	2.1	5.0	5.1	679	633	615	\$/tonne
Yenakievo Steel	ENMZ	7	8.8%	1	221	neg	neg	neg	>30	12.5	17.6	0.2	0.3	0.5	81	76	75	\$/tonne
Azovstal	AZST	65	3.0%	2	28	0.8	neg	neg	0.2	0.4	0.6	0.0	0.0	0.0	6	6	6	\$/tonne
Coke																		
Avdivivka Coke	AVDK	9	6.8%	1	8	neg	2.3	7.1	neg	0.2	0.3	0.0	0.0	0.0	2	2	2	\$/tonne
Yasynivsky Coke	YASK	3	9.0%	0	3	neg	neg	neg	neg	neg	neg	0.0	0.0	0.0	n/a	n/a	n/a	\$/tonne
Iron Ore Mining																		
Centralny GOK	CGOK	213	0.3%	1	212	3.3	neg	neg	0.8	1.3	1.8	0.4	0.7	1.0				
Pivnichny GOK	SGOK	326	0.4%	1	320	2.5	neg	neg	0.6	1.3	2.3	0.3	0.5	0.7				
Ferrexpo	FXPO	137	24.0%	33	1,154	0.7	1.2	neg	2.3	4.7	17.8	0.8	1.2	1.6				
Pipe Manufacturing																		
Khartsyzk Pipe	HRTR	20	2.0%	0	66	0.9	10.8	24.1	1.5	3.7	5.6	0.3	0.7	0.9	164	219	263	\$/tonne
Railcar Manufacturing																		
Krukiv Wagon	KVBZ	37	5.0%	2	31	neg	neg	neg	neg	neg	neg	0.2	0.8	0.7				
Specialized Machinery																		
Turboatom	TATM	60	5.8%	3	29	1.1	2.6	3.6	0.4	0.8	1.0	0.2	0.3	0.4				
Motor Sich	MSICH	151	24.0%	36	156	1.2	1.6	2.0	0.5	0.7	0.8	0.2	0.2	0.2				
Telecom																		
Ukrtelecom	UTLM	91	7.2%	7	182	5.0	9.9	21.9	2.1	2.5	3.1	0.4	0.7	0.9				
Oil & Gas																		
Ukrnafta	UNAF	369	3.0%	11	362	3.5	2.3	11.1	1.0	1.5	3.0	0.2	0.3	0.4	n/a	n/a	n/a	\$/boe
Regal Petroleum	RPT	13	21.6%	3	-12	neg	2.3	neg	neg	-0.8	-1.2	-0.3	-0.3	-0.5	n/a	n/a	n/a	\$/boe
JKX Oil & Gas	JKX	64	50.4%	32	172	neg	12.8	>30	2.5	2.5	3.1	1.2	1.1	1.4	31	24	23	\$/boe
Electric Utilities																		
CentrEnergO	CEEN	67	21.7%	15	50	11.4	14.6	6.5	1.9	3.8	4.0	0.1	0.2	0.1	3	3	3	\$/MWh
DonbasEnergO	DOEN	14	14.2%	2	30	1.7	neg	6.9	1.5	neg	4.9	0.1	0.2	0.2	4	4	4	\$/MWh
Consumer																		
MHP	MHPC	812	34.1%	277	1,917	neg	neg	3.8	3.8	4.2	4.3	1.4	1.7	1.5				
Kernel	KER	826	61.8%	510	1,207	neg	8.2	4.5	5.4	3.0	3.5	0.5	0.5	0.5				
Astarta	AST	174	37.0%	65	378	neg	neg	9.3	2.4	3.7	3.3	0.8	1.0	1.0				
Avangardco	AVGR	77	22.5%	17	374	neg	n/a	n/a	2.9	n/a	n/a	0.9	n/a	n/a	85	64	61	\$/mneggs
Ovostar	OVO	131	25.0%	33	138	5.1	n/a	n/a	4.7	n/a	n/a	1.8	n/a	n/a	n/a	n/a	n/a	
Banks																		
						P/E			P/Book			P/Assets						
Raiffeisen Bank Aval	BAVL	178	1.8%	3		neg	neg	5.4	0.5	0.6	0.6	0.06	0.09	0.08				
Ukrsotsbank	USCB	302	0.2%	1		>30	>30	>30	0.8	0.9	1.1	0.12	0.17	0.16				

Source: Eavex Research

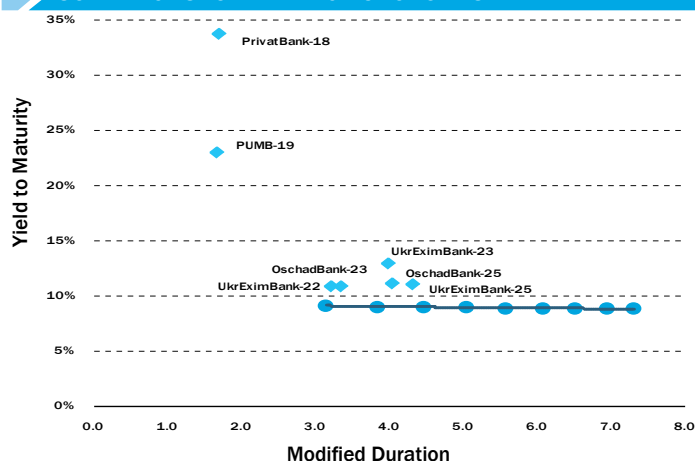
UKRAINIAN EUROBONDS

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	93.8	94.8	9.9%	9.5%	0.7%	2.9	7.75%	S/A	1 Sept 2019	1,155	Caa3/B-/CCC
Ukraine, 2020	92.9	93.5	9.7%	9.5%	0.8%	3.6	7.75%	S/A	1 Sept 2020	1,531	Caa3/B-/CCC
Ukraine, 2021	91.8	92.8	9.7%	9.4%	0.7%	4.2	7.75%	S/A	1 Sept 2021	1,378	Caa3/B-/CCC
Ukraine, 2022	91.0	92.0	9.6%	9.4%	1.0%	4.8	7.75%	S/A	1 Sept 2022	1,355	Caa3/B-/CCC
Ukraine, 2023	90.5	91.5	9.5%	9.3%	1.5%	5.3	7.75%	S/A	1 Sept 2023	1,330	Caa3/B-/CCC
Ukraine, 2024	89.8	90.8	9.5%	9.3%	1.5%	5.8	7.75%	S/A	1 Sept 2024	1,315	Caa3/B-/CCC
Ukraine, 2025	89.0	90.0	9.5%	9.3%	1.3%	6.3	7.75%	S/A	1 Sept 2025	1,306	Caa3/B-/CCC
Ukraine, 2026	88.8	89.8	9.5%	9.3%	1.9%	6.7	7.75%	S/A	1 Sept 2026	1,295	Caa3/B-/CCC
Ukraine, 2027	88.5	89.5	9.4%	9.2%	2.2%	7.0	7.75%	S/A	1 Sept 2027	1,286	Caa3/B-/CCC
Ukraine, GDP-linked (VRI)	38.5	39.5	n/a	n/a	-4.3%	n/a	0.00%	S/A	31 May 2040	2,916	Caa3/B-/CCC
Corporate Eurobonds											
Agroton, 2019	10.0	13.0	111.2%	94.2%	0.0%	1.7	8.00%	S/A	14 Jul 2019	50	//RD
MHP, 2020	85.4	86.6	12.9%	12.5%	-1.6%	3.3	8.25%	S/A	2 Apr 2020	750	/CCC-/CCC
Avangardco, 2018	45.0	50.0	45.4%	40.5%	-6.9%	2.1	10.00%	S/A	29 Oct 2018	206	//WD
UkrLandFarming, 2018	40.0	48.0	67.1%	54.5%	-12.0%	1.4	10.88%	S/A	26 Mar 2018	500	/CC/WD
Mriya, 2016	11.0	14.0	n/a	n/a	0.0%	0.0	10.95%	S/A	30 Mar 2016	72	/SD/RD
Mriya, 2018	n/a	n/a	n/a	n/a	-4.0%	1.1	9.45%	S/A	19 Apr 2018	400	/SD/RD
DTEK, 2018	40.0	44.0	66.1%	59.5%	1.2%	n/a	10.375%	S/A	28 Mar 2018	160	Ca//C
DTEK, 2018	41.0	44.0	59.4%	54.8%	-4.5%	1.5	7.88%	S/A	4 Apr 2018	750	Ca//C
Metinvest, 2016	41.8	43.9	n/a	n/a	-24.4%	n/a	10.25%	S/A	31 Jan 2016	85	Caa3//C
Metinvest, 2017	41.2	46.2	68.6%	59.9%	-3.6%	0.5	10.50%	S/A	28 Nov 2017	290	Caa3//C
Metinvest, 2018	39.0	43.0	67.6%	60.6%	-7.9%	1.4	8.75%	S/A	14 Feb 2018	750	Caa3//C
Ferrexpo, 2019	52.1	55.8	37.2%	34.1%	-1.4%	2.5	10.375%	S/A	07 Apr 2019	186	Caa3//C
Ferrexpo, 2019	39.0	43.0	67.6%	60.6%	-4.2%	1.4	10.375%	S/A	07 Apr 2019	161	Caa3//C
RailUA, 2018	85.0	86.3	17.6%	16.9%	-0.7%	1.9	9.50%	S/A	21 May 2018	500	/CC/C
Interepipe, 2017	30.0	35.0	144.2%	122.0%	8.3%	0.7	10.25%	S/A	2 Aug 2017	200	//
JKX Oil&Gas, 2018	66.5	68.5	38.8%	36.9%	-6.3%	0.8	8.00%	S/A	19 Feb 2018	40	
Bank Eurobonds											
Fin&Credit Bank, 2019	7.3	10.5	145.5%	119.2%	-3.4%	1.5	9.25%	S/A	25 Jan 2019	100	//
PUMB, 2018	72.8	75.7	24.3%	22.6%	0.1%	1.6	11.00%	Q	31 Dec 2018	275	WR//NR
Nadra Bank, 2018	4.0	10.6	n/a	n/a	0.2%	n/a	6.25%	A	31 Jul 2018	60	//
PrivatBank, 2018-2	69.0	71.0	32.6%	30.8%	-7.9%	n/a	10.25%	S/A	23 Jan 2018	200	//
PrivatBank, 2021	61.0	63.0	25.1%	24.1%	-7.5%	3.2	11.00%	S/A	09 Feb 2021	220	//
PrivatBank, 2018	n/a	n/a	n/a	n/a	n/a	1.5	10.88%	S/A	28 Feb 2018	175	//
UkrEximBank, 2022	88.1	89.2	12.4%	12.1%	-1.1%	n/a	9.625%	S/A	27 Apr 2022	750	WR//C
UkrEximBank, 2023	73.3	75.3	13.9%	13.4%	0.3%	n/a	7.51%	S/A	9 Feb 2023	125	Ca//C
UkrEximBank, 2025	85.8	86.8	12.4%	12.2%	-1.2%	4.3	9.75%	S/A	22 Jan 2025	600	Ca//C
VAB Bank, 2019	n/a	n/a	n/a	n/a	n/a	n/a	9.00%	Q	14 Jun 2019	88	//WD
Oschadbank, 2023	86.4	87.6	12.3%	12.0%	-2.3%	n/a	8.25%	S/A	10 Mar 2023	700	Ca//CC
Oschadbank, 2025	84.8	85.9	12.5%	12.2%	-2.7%	3.8	8.88%	S/A	20 Mar 2025	500	Ca//CC
Municipal Eurobonds											
City of Kyiv, 2015	83.0	84.2	n/a	n/a	0.1%	n/a	8.00%	S/A	6 Nov 2015	101	//

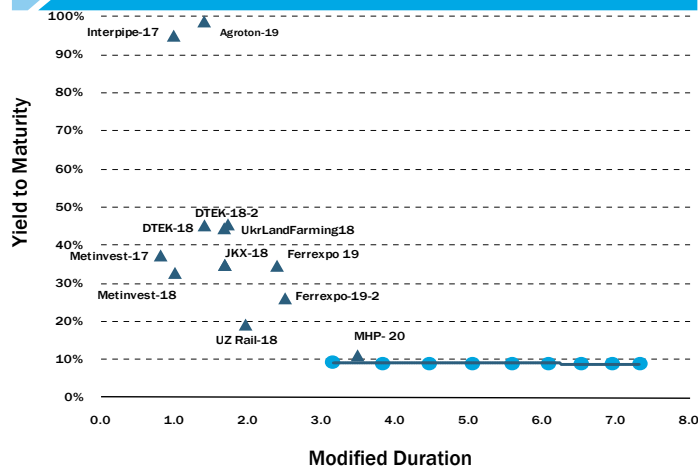
¹ Moody's/S&P/Fitch

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 mn UAH
UAH denominated Bonds									
UA4000142665			20%	19%	n/a	14.30%	S/A	24 May 2017	n/a
VAT Bonds									
UA4000185151			20%	19%	1.9	9.50%	S/A	8 Jul 2019	3,577
UA4000185557			20%	19%	1.9	9.50%	S/A	22 Jul 2019	2,171
UA4000186159			20%	19%	1.9	9.50%	S/A	20 Aug 2019	955

Source: Bloomberg, Cbonds, Eavex Research

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