

Market Update

Equity

Kyiv-listed stocks ended mixed on Monday (Feb 16) with the UX index closing essentially unchanged at 1107 points. Market players focused on announced changes to the national budget after the government revised its full year GDP 2015 forecast from -4.3% to -5.5%. The full-year consumer inflation forecast was raised from a ridiculously unrealistic estimate of 13% to a still very optimistic 26%. Among actively traded stocks, Motor Sich (MSICH) retreated by 0.9% to UAH 2872 while UkrNafta (UNAF) rose by 2.1%, climbing back above UAH 300 level for the first time since its ex-rights dividend correction in October. The main blue chip loser was DonbasEnergO (DOEN), which fell 4.4% to UAH 30.50. CentrEnergO (CEEN) edged up 0.6% to UAH 7.44 per share. London traded JKX Oil&Gas advanced by 8.7% on news that the company has filed a suit in the Stockholm Arbitration court seeking repayment of some USD 180 million in rental fees that its Ukrainian subsidiary has paid for production of oil and gas in the country since 2011. Poultry giant MHP (MHPC) saw a notable jump of 6.1% to USD 10.50. In Warsaw, Kernel (KER) was flat while Agrotion (AGT) shed 6.0% to PLN 1.42.

Fixed Income

Trading of Ukrainian sovereigns were negligible on Monday amid holiday in US. Ukraine-23s finished unchanged at 52.5/54.8 (19.3%/18.4%). Corporate names were also flat. MHP-20s and Metinvest-18s finished flat at 92.0/95.0 (54.0%/36.6%) and 37.0/45.0 (53.0%/43.2%) respectively.

Volume Leaders	Ticker	Last, UAH	1D ch	Volume, UAH mn	Number of Trades
Ukrnafta	UNAF	303.80	2.1%	2.1	144
Motor Sich	MSICH	2872.00	-0.9%	1.8	46
CentrenergO	CEEN	7.44	0.6%	1.4	89

Growth Leaders

Avdyivka Coke	AVDK	1.46	3.2%	0.00	11
Azovstal	AZST	0.86	3.0%	0.04	30
Ukrnafta	UNAF	303.80	2.1%	2.08	144

Loss Leaders

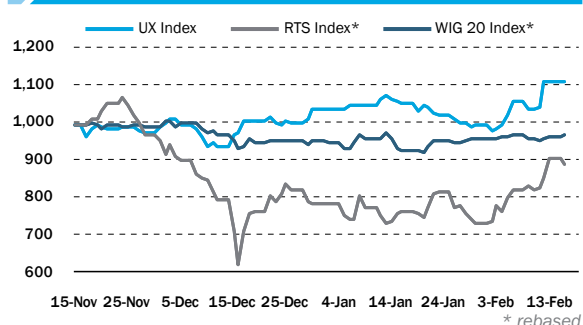
Yenakievo Steel	ENMZ	17.55	-6.7%	0.004	14
DonbasenergO	DOEN	30.48	-4.4%	0.106	47
Motor Sich	MSICH	2,872.00	-0.9%	1.821	46

Highlights

STOCKS IN THE NEWS

- > JKX Files USD 180mn Suit Against Ukraine Over Production Tax
- > Astarta Unaudited EBITDA Grew by 90% YoY to EUR 116mn in 2014

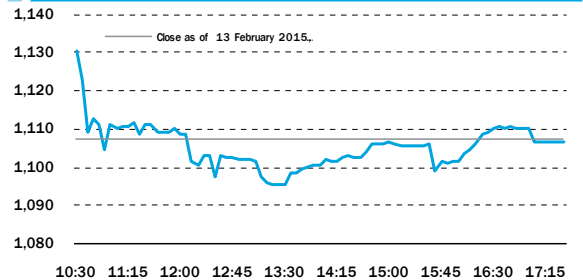
STOCK MARKET PERFORMANCE



MARKET INDEXES

	Last	1D ch	1M ch	YTD
UX	1106.6	-0.1%	5.4%	7.1%
RTS	897.4	-1.8%	16.6%	13.5%
WIG20	2362.0	0.6%	4.9%	2.0%
MSCI EM	984.1	-0.3%	2.8%	2.9%
S&P 500	2097.0	0.0%	3.8%	1.9%

UX INTRADAY FEBRUARY 16, 2015



FIXED INCOME

	Last	1D ch	1M ch	YTD
EMBI+Global	412.3	0.0%	-8.7%	2.0%
CDS 5Y UKR	1503.9	41.1%	-36.3%	-32.7%
Ukraine-17	31.8%	0.0 p.p.	4.6 p.p.	6.1 p.p.
Ferrexpo-16	31.2%	0.0 p.p.	-0.4 p.p.	-0.2 p.p.
Ukraine-23	18.8%	0.0 p.p.	1.2 p.p.	11.3 p.p.
Privatbank-16	121.4%	0.0 p.p.	32.1 p.p.	36.0 p.p.

CURRENCY

	Last, UAH	1D ch	1M ch	YTD
USD	26.40	1.1%	66.6%	66.9%
EUR	29.98	0.9%	63.5%	56.6%
RUB	0.42	2.0%	72.1%	52.1%

COMMODITIES

	Last	1D ch	1M ch	YTD
Wheat, USD/t*	206.8	0.0%	-11.7%	-16.0%
Steel, USD/t	397.5	-1.9%	-11.7%	-11.7%
Oil, USD/bbl	61.4	-0.2%	19.3%	7.1%
Gold, USD/oz	1231.5	0.2%	-3.8%	3.9%

*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

JKX Files USD 180mn Suit Against Ukraine Over Production Tax

by Dmitry Churin
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JKX OIL&GAS (JKX LN)

Price: GBp 32.60 Market Cap: USD 86mn

	P/B	EV/S	P/E	EV/EBITDA	Div. Yield
2014E	0.2	0.5	11.0	1.3	0%
2015E	0.2	0.6	17.1	1.3	0%

NEWS

Ukraine-focused hydrocarbons extraction company JKX Oil & Gas has opened arbitration proceedings against Ukraine seeking compensation for losses it claims to have suffered in the country as a result of last August's increased production tax, the company said on Monday (Feb 16). JKX cited the bilateral investment treaty between the United Kingdom and Ukraine as the basis for its claim. JKX said Ukraine had failed to treat its investments in a "fair and equitable" manner and was failing to comply with commitments made by Ukraine in respect to JKX's investments. In particular, JKX is seeking repayment of some USD 180mn in rental fees that its Ukrainian subsidiary has paid for production of oil and gas in Ukraine since 2011.

In support of JKX's claims against Ukraine under the Energy Charter Treaty, an arbitrator appointed under the arbitration rules of the Stockholm Chamber of Commerce had already issued a motion last month ordering Ukraine to refrain from imposing royalties on the production of gas by JKX's Ukrainian subsidiary in excess of the rate of 28% (as opposed to the 55% rate that is currently applicable under Ukrainian law). JKX claims that the award is binding on Ukraine under international law; however, if Ukraine refuses to comply, JKX will seek to have it recognized and enforced by the Ukrainian courts. In addition, JKX will seek orders from the tribunal constituted under the Energy Charter Treaty to compel Ukraine to comply.

COMMENTARY

JKX, whose largest (but non-majority) shareholder is Dnipropetrovsk politician and industrialist Igor Kolomoysky, is making a rather aggressive move by filing a lawsuit against the Ukrainian state. In our opinion, it is very unlikely that the company will receive any cash compensation from Kyiv, but the production tax could be returned to its previous level. Last August, the production taxes for gas extraction in Ukraine were nearly doubled to 55% as part of the IMF's requirement that the government raise overall tax revenues. Initially, the government had said the tax increase would be temporary, but it remained in place after the new year. The appropriate level for the production tax for the hydrocarbons industry is being heavily debated in the government, as Ukraine must balance its strategy for obtaining energy independence with its urgent need for revenue. In our opinion, rolling back the production tax increase would be the overall more effective move for the country in this case.

The London-listed JKX stock responded positively to the news, advancing by 8.7% to GBp 32.60 yesterday.

Astarta Unaudited EBITDA Grew by 90% YoY to EUR 116mn in 2014

by Ivan Dzvinka
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▶ ASTARTA (AST PW)

Price: PLN 25.0 Market Cap: USD 170mn

	EV/S	P/E	EV/EBITDA	Div. Yield
2014E	0.9	neg	2.7	0%
2015E	1.1	5.7	3.4	0%

NEWS

Astarta, Ukraine's largest sugar producer, announced unaudited selected set of its 2014 financials this morning (Feb 17). The company's revenue rose by 8% YoY to EUR 352mn. Gross profit improved by 66% YoY to EUR 135mn while EBITDA advanced by 90% to EUR 116mn in 2014. Net debt declined by 18% YoY to EUR 216mn. Audited annual financial results for FY14 are set to be published on April 10, 2015.

COMMENTARY

The news is positive for the company's stock. The preliminary EBITDA result exceed Bloomberg consensus of EUR 105mn by 10%. We also presume that some downward restatements of the company's 2013 financials were made during the preparing of the results. A 90% YoY growth in EBITDA in 2014 implies EBITDA in FY13 of EUR 61mn while 2013 annual report states the group's EBITDA amounted to EUR 68.5mn. Similarly, 8% increase in revenue suggests EUR 326mn of revenue in 2013 while in FY13 report it accounted for EUR 369mn.

EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
Steel&Pipes						
Azovstal	AZST	0.86	0.56	-35%	SELL	Non-transparent reporting practices detrimentally affect Azovstal's reported earnings.
Iron Ore						
Ferrexpo	FXPO LN	68.0	108.0	59%	HOLD	Exacerbated issue of global ore oversupply together with sluggish growth in demand will likely keep iron ore prices at depressed level at least in the short run boding bad for Ferrexpo's earnings.
Pivnichny GOK	SGOK	8.50	U/R	-	U/R	On its EGM on 14 Feb 2014, SGOK's shareholders approved additional issue of 14.75mn of new shares implying 0.64% of the company's share capital.
Centralny GOK	CGOK	8.76	U/R	-	U/R	On its EGM on 19 Feb 2014, CGOK's shareholders made a decision on additional issue of 14.73mn of new shares implying 1.26% of the company's share capital.
Coke						
Avdyivka Coke	AVDK	1.46	U/R	-	Susp.	Avdyivka Coke experienced several artillery attacks since August 2014 due to its location near the border of occupied territory.
Yasynivsky Coke	YASK	0.30	U/R	-	U/R	Yasynivsky Coke reported net loss of UAH 22mn for FY13 which was the first negative bottom line since 2004.
Coal						
Pokrovske Mine	SHCHZ	0.40	U/R	-	Susp.	The company's coal production expansion plan were put under high risk of realization due to war in Donbass.
Railcar Manufacturing						
Krukiv Wagon	KVBZ	12.2	U/R	-	U/R	
LuganskTeplovoz	LTPL	1.17	U/R	-	U/R	LuganskTeplovoz was forced to shut down operations amid military conflict in the region.
Specialized Machinery						
Motor Sich	MSICH	2872	5250	83%	BUY	Motor Sich should see its sales 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%.
Turboatom	TATM	5.00	8.9	78%	BUY	We model Turboatom's revenue as increasing at 18% CAGR over 2012-2015. Deliveries of hydro and steam turbines to export markets will remain the company's key revenue drivers.
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	4.6	U/R	-	U/R	The company has been constantly missed production targets since 2012.
JKX Oil & Gas	JKX	32.6	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						
DonbasEnergO	DOEN	30.5	72.0	136%	BUY	DonbasEnergO is expected to continue practice of 30% dividend payout in a medium term.
CenterEnergO	CEEN	7.44	15.00	102%	BUY	CenterEnergO's privatization has been postponed, but the company retains a strong fundamental value due to its large installed electricity generation capacity.
Consumer						
MHP	MHPC	10.5	17.96	71%	BUY	The company is set to reach full capacity utilisation at its greenfield Vinnytsia project in late 2014 on the back of favorable export and domestic markets demand for its poultry.
Astarta	AST	25.0	90.0	260%	BUY	Astarta's business leans on three pillars: sugar beet cultivation/processing, grain cultivation, and cattle farming. With sugar prices depressed since 2011, a favorable market for grain should continue to drive the company's profitability.
AvangardCo	AVGR	3.8	2.7	-30%	HOLD	Loss of the company's output at war-hit Donbass together with UAH devaluation will lead to lower EBITDA in 2015 after some 55% drop in 2014.
Ovostar Union	OVO	70.8	80.8	14%	HOLD	Ovostar is one of the hardest-hit Ukrainian public companies from this year's UAH devaluation as some 70% of its production cost is linked to USD while only 15% of revenue earned in hard currency.
Banks						
Raiffeisen Bank Aval	BAVL	0.103	0.24	133%	BUY	The bank has quite conservative risk policy therefore we assume it would weathered the current financial crisis in Ukraine and will start to generate solid profit starting from FY16.

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	1106.55	1368.76	842.02	-0.1%	7.0%	5.4%	7.1%	0.0%	0.0%	0.0%	0.0%
Steel												
Alchevsk Steel	ALMK	0.015	0.045	0.011	0.0%	20.6%	4.1%	4.8%	0.1%	13.7%	-1.2%	-2.3%
Azovstal	AZST	0.86	0.95	0.35	3.0%	14.7%	12.3%	15.0%	3.1%	7.8%	7.0%	7.9%
Enakievo Steel	ENMZ	17.55	65.00	14.81	-6.7%	3.2%	-16.3%	-16.2%	-6.7%	-3.7%	-21.7%	-23.3%
Coke												
Avdyivka Coke	AVDK	1.46	3.70	1.10	3.1%	29.9%	-11.5%	-15.4%	3.2%	22.9%	-16.8%	-22.5%
Yasynivsky Coking	YASK	0.30	0.84	0.18	0.0%	7.1%	25.0%	7.1%	0.1%	0.2%	19.6%	0.1%
Iron Ore Mining												
Centralny GOK	CGOK	8.76	n/a	n/a	-2.7%	16.8%	8.1%	12.5%	-2.6%	9.8%	2.8%	5.4%
Ferrexpo	FXPO	68.00	171.60	47.91	0.0%	13.8%	22.5%	28.3%	0.1%	6.8%	17.2%	21.2%
Pivnichny GOK	SGOK	8.50	12.30	4.44	0.1%	0.6%	-10.0%	1.6%	0.2%	-6.4%	-15.3%	-5.5%
Coal Mining												
Pokrovske Mine	SHCHZ	0.40	0.79	0.17	0.0%	37.9%	14.3%	-14.9%	0.1%	31.0%	8.9%	-22.0%
Pipe Manufacturing												
Khartsyzk Pipe	HRTR	0.50	1.01	0.20	0.0%	47.1%	31.6%	31.6%	0.1%	40.1%	26.2%	24.5%
Railcar Manufacturing												
Kryukiv Wagon	KVBZ	12.15	24.99	10.00	-0.2%	-1.5%	-2.6%	-5.4%	-0.1%	-8.4%	-7.9%	-12.5%
Luhanskteplovoz	LTPL	1.17	1.80	0.85	0.0%	17.0%	7.3%	8.3%	0.1%	10.0%	2.0%	1.2%
Specialized Machinery												
Motor Sich	MSICH	2872	2939	1587	-0.7%	5.0%	12.7%	15.7%	-0.6%	-2.0%	7.3%	8.6%
Turboatom	TATM	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Telecom												
Ukrtelecom	UTLM	0.16	0.20	0.09	0.0%	20.1%	8.1%	6.6%	0.1%	13.1%	2.7%	-0.4%
Oil & Gas												
Regal Petroleum	RPT	4.63	12.50	3.13	0.0%	8.8%	7.2%	48.0%	0.1%	1.9%	1.8%	40.9%
JKX Oil	JKX	32.63	68.50	11.00	8.7%	5.2%	166.3%	171.9%	8.8%	-1.7%	161.0%	164.8%
Ukrnafta	UNAF	303.8	375.0	54.0	1.8%	12.9%	24.5%	49.4%	1.9%	6.0%	19.1%	42.3%
Power Utilities												
Centrenergo	CEEN	7.44	8.70	3.00	0.5%	2.9%	-2.7%	-1.3%	0.6%	-4.0%	-8.1%	-8.4%
Donbasenergo	DOEN	30.48	50.16	11.00	-4.6%	2.6%	-7.5%	-7.6%	-4.5%	-4.4%	-12.8%	-14.7%
Zakhidenergo	ZAEN	164.2	199.8	91.2	0.0%	0.0%	19.0%	10.9%	0.1%	-7.0%	13.6%	3.8%
Consumer												
Agroton	AGT	1.42	5.48	1.19	-6.0%	5.2%	8.4%	15.4%	-5.9%	-1.8%	3.0%	8.4%
Astarta	AST	25.00	60.00	14.50	0.1%	4.7%	-2.7%	25.0%	0.2%	-2.3%	-8.1%	17.9%
Avangardo	AVGR	3.78	11.36	1.83	-0.7%	71.6%	89.7%	84.1%	-0.6%	64.6%	84.3%	77.1%
Industrial Milk Company	IMC	7.15	10.49	5.46	10.9%	23.3%	19.2%	26.1%	10.9%	16.3%	13.8%	19.0%
Kernel	KER	31.50	38.25	22.00	0.0%	6.8%	4.2%	10.7%	0.1%	-0.2%	-1.2%	3.6%
Mriya Agro Holding	MAYA	0.48	6.00	0.48	-4.8%	-15.0%	-10.0%	-15.3%	-4.7%	-22.0%	-15.4%	-22.4%
MHPC	MHPC	10.50	16.00	9.00	6.1%	11.6%	12.9%	14.1%	6.1%	4.6%	7.5%	7.0%
Milkiland	MLK	2.58	10.48	1.48	5.3%	18.9%	73.2%	74.3%	5.4%	11.9%	67.8%	67.2%
Ovostar Union	OVO	70.79	76.74	59.40	-0.3%	1.0%	-0.3%	-1.7%	-0.2%	-6.0%	-5.7%	-8.8%
Chemicals												
Stirol	STIR	8.50	n/a	n/a	0.0%	6.3%	18.1%	22.7%	0.1%	-0.7%	12.7%	15.6%
Banks												
Raiffeisen Bank Aval	BAVL	0.103	0.190	0.086	0.2%	9.5%	11.2%	7.2%	0.3%	2.5%	5.9%	0.1%
UkrSotsbank	USCB	0.110	0.202	0.090	-5.2%	-6.8%	-15.4%	-15.5%	-5.1%	-13.7%	-20.7%	-22.6%

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		
		2013	2014E	2015E	2013	2014E	2015E	2013	2014E	2015E	2013	2014E	2015E	2013	2014E	2015E
Steel																
Alchevsk Steel	ALMK	1,729	700	346	-62	-83	-124	neg	neg	neg	-214	-158	-235	neg	neg	neg
Enakievo Steel	ENMZ	1,507	1,250	1,063	-7	45	51	neg	3.6%	4.8%	-61	-125	-59	neg	neg	neg
Azovstal	AZST	2,562	1,775	1,509	-81	152	113	neg	8.5%	7.5%	-308	35	23	neg	2.0%	1.5%
Coke																
Avdyivka Coke	AVDK	914	509	382	46	-54	-74	5.0%	neg	neg	-6	-75	-106	neg	neg	neg
Yasynivsky Coking	YASK	367	198	159	29	-4	-7	7.8%	neg	neg	-3	-13	-13	neg	neg	neg
Iron Ore Mining																
Centralny GOK	CGOK	679	611	550	312	223	165	46.0%	36.5%	30.1%	194	115	80	28.6%	18.8%	14.6%
Pivnichny GOK	SGOK	1,630	1,467	1,320	914	649	481	56.1%	44.2%	36.4%	548	324	226	33.7%	22.1%	17.2%
Ferrexpo	FXPO	1,581	1,449	1,437	506	492	349	32.0%	33.9%	24.3%	264	277	147	16.7%	19.1%	10.2%
Pipe Manufacturing																
Khartsyzk Pipe	HRTR	310	193	118	31	18	23	10.1%	9.5%	19.3%	5	3	2	1.5%	1.5%	2.0%
Railcar Manufacturing																
Luhanskteplovoz	LTPL	329	127	n/a	36	-2	n/a	10.8%	neg	n/a	19	-16	n/a	5.9%	neg	n/a
Kryukiv Wagon	KVBZ	462	133	86	50	10	6	10.9%	7.6%	7.5%	42	-3	-5	9.0%	neg	neg
Specialized Machinery																
Turboatom	TATM	214	149	147	90	56	47	42.1%	37.3%	32.0%	72	49	29	33.5%	33.0%	20.0%
Motor Sich	MSICH	1,000	950	950	274	260	260	27.4%	27.4%	27.4%	169	133	100	16.9%	14.0%	10.5%
Telecom																
Ukrtelecom	UTLM	791	368	290	190	105	91	24.0%	28.5%	31.5%	17	16	10	2.2%	4.3%	3.5%
Oil & Gas																
Ukrnafta	UNAF	2,589	1,808	1,059	286	160	132	11.1%	8.8%	12.5%	23	32	12	0.9%	1.8%	1.1%
Regal Petroleum	RPT	37	38	35	-146	16	13	neg	42.1%	37.1%	-127	2	3	neg	5.3%	8.6%
JKX Oil	JKX	181	199	150	66	68	70	36.7%	34.3%	46.7%	7	8	5	3.6%	3.9%	3.3%
Electric Utilities																
Centrenergo	CEEN	915	544	605	94	33	23	10.3%	6.1%	3.7%	60	16	9	6.5%	2.9%	1.5%
Donbasenergo	DOEN	656	391	271	72	34	13	11.0%	8.8%	4.9%	65	31	3	9.9%	7.8%	1.1%
Consumer																
MHP	MHPC	1,496	1,524	1,544	391	537	550	26.1%	35.2%	35.6%	162	-337	97	10.8%	neg	6.3%
Kernel	KER	2,797	2,393	2,900	291	223	325	10.4%	9.3%	11.2%	105	-107	170	3.8%	neg	5.9%
Astarta	AST	491	465	396	91	154	123	15.5%	27.5%	25.9%	34	-54	30	5.8%	neg	6.3%
Avangardco	AVGR	661	443	405	301	130	109	45.6%	29.3%	26.9%	238	-11	32	36.0%	neg	7.9%
Ovostar	OVO	81	75	79	36	32	25	43.7%	43.1%	31.6%	31	30	24	38.0%	40.0%	30.7%
Banks																
		Total Assets			Total Equity			Total Income			Net Profit			Return on Equity		
Raiffeisen Bank Aval	BAVL	5,333	2,869	2,765	888	390	376	723	327	276	90	-87	-41	10.1%	-22.2%	-10.9%
Ukrsotsbank	USCB	5,283	2,730	2,588	1,064	518	447	197	222	197	1	-32	-18	0.1%	-6.1%	-3.9%

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		
				2013	2014E	2015E	2013	2014E	2015E	2013	2014E	2015E	2013	2014E	2015E			
Steel																		
Alchevsk Steel	ALMK	15	3.9%	1	954	neg	neg	neg	neg	neg	neg	0.6	1.4	2.8	247	230	223	\$/tonne
Yenakievo Steel	ENMZ	7	8.8%	1	4	neg	neg	neg	neg	0.1	0.1	0.0	0.0	0.0	1	1	1	\$/tonne
Azovstal	AZST	136	3.0%	4	127	neg	3.9	5.9	neg	0.8	1.1	0.0	0.1	0.1	28	28	28	\$/tonne
Coke																		
Avdivka Coke	AVDK	11	6.8%	1	-28	neg	neg	neg	-0.6	neg	neg	0.0	-0.1	-0.1	-7	-7	-8	\$/tonne
Yasynivsky Coke	YASK	3	9.0%	0	4	neg	neg	neg	0.1	neg	neg	0.0	0.0	0.0	0.1	neg	neg	\$/tonne
Iron Ore Mining																		
Centralny GOK	CGOK	389	0.3%	1	387	2.0	3.4	4.8	1.2	1.7	2.3	0.6	0.6	0.7				
Pivnichny GOK	SGOK	742	0.4%	3	735	1.4	2.3	3.3	0.8	1.1	1.5	0.5	0.5	0.6				
Ferrexpo	FXPO	611	24.0%	147	1,305	2.3	2.2	4.2	2.6	2.7	3.7	0.8	0.9	0.9				
Pipe Manufacturing																		
Khartsyzk Pipe	HRTR	49	2.0%	1	95	10.5	16.9	20.9	3.0	5.2	4.2	0.3	0.5	0.8	151	250	237	\$/tonne
Railcar Manufacturing																		
LuganskTeplovoz	LTPL	10	24.0%	2	47	0.5	neg	n/a	1.3	neg	n/a	0.1	0.4	n/a				
Krukiv Wagon	KVBZ	53	5.0%	3	44	1.3	neg	neg	0.9	4.3	6.8	0.1	0.3	0.5				
Specialized Machinery																		
Turboatom	TATM	56	5.8%	3	10	0.8	1.1	1.9	0.1	0.2	0.2	0.0	0.1	0.1				
Motor Sich	MSICH	226	24.0%	54	219	1.3	1.7	2.3	0.8	0.8	0.8	0.2	0.2	0.2				
Telecom																		
Ukrtelecom	UTLM	115	7.2%	8	419	6.7	7.2	11.2	2.2	4.0	4.6	0.5	1.1	1.4				
Oil & Gas																		
Ukrnafta	UNAF	624	3.0%	19	620	26.8	19.7	>30	2.2	3.9	4.7	0.2	0.3	0.6	n/a	n/a	n/a	\$/boe
Regal Petroleum	RPT	23	21.6%	5	-2	neg	11.4	7.6	neg	-0.1	-0.2	-0.1	-0.1	-0.1	n/a	n/a	n/a	\$/boe
JKX Oil & Gas	JKX	86	50.4%	43	194	13.2	11.0	17.2	2.9	2.9	2.8	1.1	1.0	1.3	36	27	26	\$/boe
Electric Utilities																		
CentrEnerg	CEEN	104	21.7%	23	91	1.7	6.6	11.8	1.0	2.7	4.0	0.1	0.2	0.1	5	7	6	\$/MWh
DonbasEnerg	DOEN	27	14.2%	4	72	0.4	0.9	9.3	1.0	2.1	5.5	0.1	0.2	0.3	9	9	9	\$/MWh
Consumer																		
MHP	MHPC	1,110	34.1%	378	2,190	6.8	neg	11.4	5.6	4.1	4.0	1.5	1.4	1.4				
Kernel	KER	681	61.8%	421	1,335	6.5	neg	4.0	4.6	6.0	4.1	0.5	0.6	0.5				
Astarta	AST	170	37.0%	63	416	5.0	neg	5.7	4.6	2.7	3.4	0.8	0.9	1.1				
Avangardco	AVGR	241	22.5%	54	429	1.0	neg	7.5	1.4	3.3	3.9	0.6	1.0	1.1	97	74	69	\$/mneqgs
Ovostar	OVO	115	25.0%	29	122	3.7	3.9	4.7	3.4	3.8	4.9	1.5	1.6	1.5	n/a	n/a	n/a	
Banks																		
						P/E			P/Book			P/Assets						
Raiffeisen Bank Aval	BAVL	117	3.5%	4		1.3	neg	neg	0.1	0.3	0.3	0.02	0.04	0.04				
Ukrsotsbank	USCB	77	1.0%	1		>30	>30	>30	0.1	0.1	0.2	0.04	0.07	0.08				

Source: Eavex Research

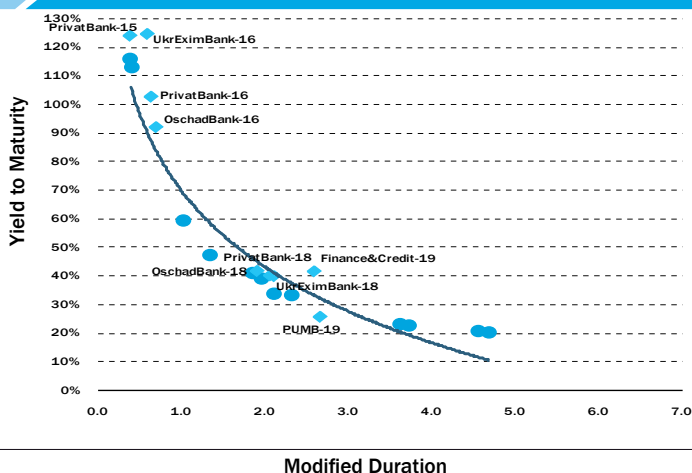
UKRAINIAN EUROBONDS

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, 2015 (EUR)	59.3	65.3	111.0%	87.2%	-8.4%	0.4	4.95%	A	13 Oct 2015	600*	Caa3/CCC-/CCC
Ukraine, 2015	59.8	61.0	119.2%	114.2%	-14.1%	0.4	6.875%	S/A	23 Sept 2015	500	Caa3/CCC-/CCC
Ukraine, 2016	53.7	54.8	48.7%	47.2%	-13.5%	1.3	6.58%	S/A	21 Nov 2016	1,000	Caa3/CCC-/CCC
Ukraine, 2016-2	54.1	55.3	61.6%	59.5%	-15.6%	1.0	6.25%	S/A	17 Jun 2016	1,250	Caa3/CCC-/CCC
Ukraine, 2017	55.5	57.0	32.4%	31.2%	-11.0%	2.1	6.75%	S/A	14 Nov 2017	700	Caa3/CCC-/CCC
Ukraine, 2017-2	56.0	57.5	38.7%	37.3%	-8.8%	1.8	9.25%	S/A	24 Jul 2017	2,000	Caa3/CCC-/CCC
Ukraine, 2017 Infr. projects	51.5	53.5	38.8%	36.9%	-14.6%	1.9	8.375%	S/A	3 Nov 2017	568	Caa3//
Ukraine, 2018 Infr. projects	50.0	52.0	34.5%	32.8%	-15.0%	2.3	7.40%	S/A	20 Apr 2018	690	Caa3//
Ukraine, 2020	50.0	53.5	24.7%	22.9%	-13.2%	3.6	7.75%	S/A	23 Sept 2020	1,500	Caa3/CCC-/CCC
Ukraine, 2021	53.5	55.0	22.4%	21.7%	-8.7%	3.7	7.95%	S/A	23 Feb 2021	1,500	Caa3/CCC-/CCC
Ukraine, 2022	53.5	54.8	19.7%	19.2%	-10.1%	4.6	7.80%	S/A	28 Nov 2022	1,250	Caa3/CCC-/CCC
Ukraine, 2023	52.5	54.8	19.3%	18.4%	-9.6%	4.8	7.50%	S/A	17 Apr 2023	1,250	Caa3/CCC-/CCC
Corporate Eurobonds											
Agroton, 2019	30.3	35.4	42.6%	37.1%	-3.0%	2.9	8.00%	S/A	14 Jul 2019	50	//RD
MHP, 2015	92.0	95.0	54.0%	36.6%	-1.6%	0.2	10.25%	S/A	29 Apr 2015	235	Caa2//CCC
MHP, 2020	62.0	65.0	20.6%	19.3%	-8.0%	3.5	8.25%	S/A	2 Apr 2020	750	/CCC-/CCC
Avangardco, 2015	41.5	41.5	194.6%	194.6%	-35.7%	0.3	10.00%	S/A	29 Oct 2015	200	/CCC-/
UkrLandFarming, 2018	48.0	48.0	42.3%	42.3%	3.2%	1.9	10.88%	S/A	26 Mar 2018	500	/CCC-/CCC
Mriya, 2016	11.0	15.0	386.4%	306.2%	0.0%	0.4	10.95%	S/A	30 Mar 2016	72	/SD/RD
Mriya, 2018	11.0	11.0	121.3%	121.3%	0.0%	1.3	9.45%	S/A	19 Apr 2018	400	/SD/RD
DTEK, 2015	55.0	65.0	421.7%	282.8%	-22.6%	0.1	9.50%	S/A	28 Apr 2015	200	Caa2//CCC
DTEK, 2018	40.0	45.0	45.7%	40.3%	-6.6%	2.1	7.88%	S/A	4 Apr 2018	750	Caa2//CCC
Metinvest, 2015	60.0	70.0	269.4%	177.8%	-19.3%	0.2	10.25%	S/A	20 May 2015	114	Caa2//CCC
Metinvest, 2017	45.0	50.0	48.5%	42.9%	-32.1%	1.3	10.50%	S/A	28 Nov 2017	290	//CCC
Metinvest, 2018	37.0	45.0	53.0%	43.2%	-26.1%	2.1	8.75%	S/A	14 Feb 2018	750	Caa2//CCC
Ferrexpo, 2016	78.0	80.0	32.5%	29.8%	2.6%	0.9	7.875%	S/A	07 Apr 2016	500	/CCC-/CCC
UZ Rail, 2018	35.0	45.0	53.7%	41.8%	-24.6%	2.1	9.50%	S/A	21 May 2018	500	/CCC-/CCC
Interpipe, 2017	38.0	42.0	63.1%	56.8%	-27.3%	1.6	10.25%	S/A	2 Aug 2017	200	//
JKX Oil&Gas, 2018	67.3	70.7	28.6%	26.5%	18.6%	1.6	8.00%	S/A	19 Feb 2018	40	
Bank Eurobonds											
Fin&Credit Bank, 2019	32.0	42.0	50.7%	39.4%	-55.4%	2.5	9.25%	S/A	25 Jan 2019	100	Caa3//
PUMB, 2018	52.0	57.0	33.6%	30.2%	-19.3%	2.5	11.00%	Q	31 Dec 2018	275	Caa3//
Nadra Bank, 2018	10.0	15.0	n/a	n/a	0.0%	0.4	6.25%	A	31 Jul 2018	60	//
PrivatBank, 2015	50.0	60.0	173.6%	121.0%	-12.0%	0.3	9.38%	S/A	23 Sept 2015	200	Caa3//
PrivatBank, 2016	40.0	45.0	131.8%	112.0%	-14.1%	0.6	8.75%	S/A	9 Feb 2016	150	Caa3//
PrivatBank, 2018	47.0	50.3	44.3%	41.0%	-17.6%	1.9	10.88%	S/A	28 Feb 2018	175	Caa3//CCC
UkrEximBank, 2015	69.4	69.4	233.7%	233.7%	-6.9%	0.1	8.38%	S/A	27 Apr 2015	750	Caa3//CCC
UkrEximBank, 2016	42.0	47.0	123.4%	104.9%	-6.3%	0.6	5.79%	S/A	2 Sept 2016	125	Caa3//CCC
UkrEximBank, 2018	50.0	53.0	38.7%	36.0%	-8.8%	2.1	8.75%	S/A	22 Jan 2018	500	Caa3//CCC
VAB Bank, 2019	4.0	9.0	877.5%	344.9%	0.0%	n/a	9.00%	Q	14 Jun 2019	88	//WD
Oschadbank, 2016	49.0	53.0	93.9%	82.9%	-12.8%	0.7	8.25%	S/A	10 Mar 2016	700	Caa3//CCC
Oschadbank, 2018	45.0	49.0	42.4%	38.4%	-16.8%	2.0	8.88%	S/A	20 Mar 2018	500	Caa3//CCC
Municipal Eurobonds											
City of Kyiv, 2015	50.1	51.5	137.2%	130.9%	-30.0%	0.4	8.00%	S/A	6 Nov 2015	250	Caa3/CCC/
City of Kyiv, 2016	48.5	50.4	74.6%	70.7%	-30.1%	1.0	9.375%	S/A	30 Jun 2016	300	Caa3/CCC/

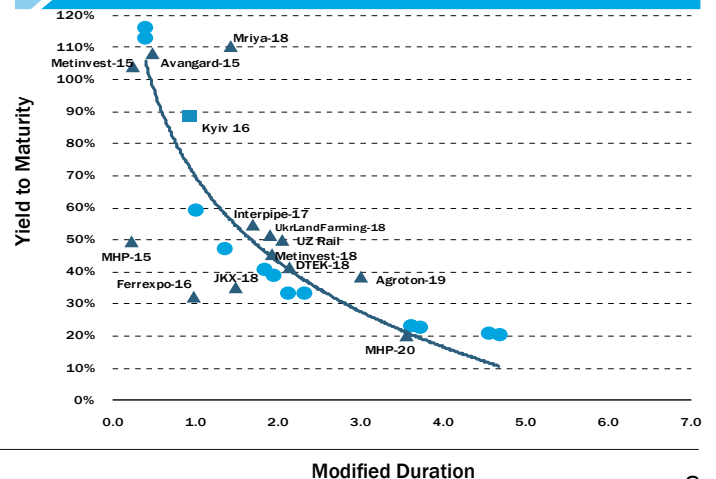
¹ Moody's/S&P/Fitch; * EUR

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									
UA4000141592			28%	24%	n/a	14.30%	S/A	20 May 2015	n/a
UA4000142665			28%	24%	n/a	14.30%	S/A	24 May 2017	n/a
USD denominated Bonds									
UA4000142699	n/a	n/a	14.0%	8.0%	n/a	9.45%	S/A	22 Apr 2015	n/a
UA4000141071	n/a	n/a	14.0%	8.0%	n/a	9.45%	S/A	27 May 2015	n/a
UA4000142673	n/a	n/a	14.0%	8.0%	n/a	4.50%	S/A	17 Jun 2015	n/a
EUR denominated Bonds									
UA4000142681	n/a	n/a	12.5%	8.0%	n/a	4.80%	S/A	6 May 2015	n/a
VAT Bonds									
UA4000082531			27%	25%	n/a	5.50%	S/A	21 Aug 2015	n/a
UA4000082622			27%	25%	n/a	5.50%	S/A	24 Aug 2015	n/a
UA4000083059			27%	25%	n/a	5.50%	S/A	25 Aug 2015	n/a
UA4000185151			27%	25%	1.9	9.50%	S/A	8 Jul 2019	3,577
UA4000185557			27%	25%	1.9	9.50%	S/A	22 Jul 2019	2,171
UA4000186159			27%	25%	1.9	9.50%	S/A	20 Aug 2019	955

Source: Bloomberg, Cbonds, Eavex Research

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