

**Market Update**

**Equity**

Kyiv-listed stocks finished mixed on Thursday (Mar 12), giving up most of their strong gains in the first half of the trading session that had been driven by Wednesday's news about the IMF approval of an aid package of USD 17.5bn for Ukraine. The UX index shed 0.3% to close at 1089 points. Low liquidity blue chips dragged down the indicator, with Azovstal (AZST) and Avdyivka Coke (AVDK) falling 2.6% and 4.5% respectively. On the upside, Motor Sich (MSICH) climbed 0.7% to UAH 2715 and volume leader CentrEnergO (CEEN) added 1.3% on turnover of just under UAH 1mn. London-listed Ukrainian names ended notably higher, with Ferrexpo (FXPO) rising by 7.1% and Avangard (AVGR) adding 3.6% to USD 2.75. Meanwhile, MHP remained locked in a narrow trading range near USD 9 despite a gain of 1.1%. In Warsaw trading, Kernel (KER) edged up 0.6% to PLN 31.40.

**Fixed Income**

Ukrainian sovereigns saw some moderate growth on Thursday after the widely-expected positive IMF announcement, with Ukraine-23s rising by 1.5p.p. to 46.8/47.8 (21.8%/21.3%). Corporate debt names were also higher. Metinvest-18s advanced by 4.5p.p. to 45.0/50.0 (45.9%/40.7%) and MHP-20s inched up by 0.3p.p. to 65.0/67.8 (19.4%/18.3%).

Volume Leaders	Ticker	Last, UAH	1D ch	Volume, UAH mn	Number of Trades
CentrenergO	CEEN	8.08	1.3%	1.0	186
Motor Sich	MSICH	2715.00	0.7%	0.6	64
Ukrnafta	UNAF	305.00	-0.3%	0.3	44

**Growth Leaders**

KRAZ	KRAZ	0.12	3.2%	0.01	9
Kryukiv Wagon	KVBZ	11.46	2.3%	0.09	30
CentrenergO	CEEN	8.08	1.3%	0.97	186

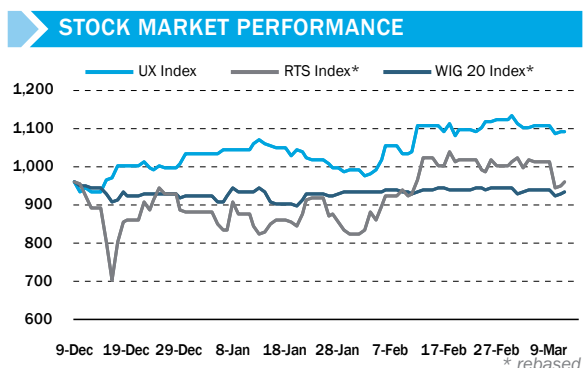
**Loss Leaders**

Zhytomyroblenergo	ZHEN	1.63	-11.9%	0.047	22
Avdyivka Coke	AVDK	1.35	-4.5%	0.006	25
Pivnichny GOK	SGOK	8.20	-3.4%	0.015	11

**Highlights**

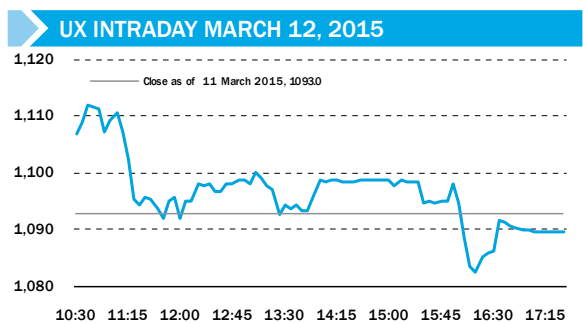
**STOCKS IN THE NEWS**

> Krukiv Wagon Had No Freight Car Output in February



**MARKET INDEXES**

	Last	1D ch	1M ch	YTD
UX	1089.5	-0.3%	5.3%	5.4%
RTS	859.3	1.3%	2.2%	8.7%
WIG20	2329.8	0.2%	-0.4%	0.6%
MSCI EM	948.5	0.6%	-2.5%	-0.8%
S&P 500	2066.0	1.3%	0.9%	0.3%



**FIXED INCOME**

	Last	1D ch	1M ch	YTD
EMBI+Global	412.6	-1.0%	-2.2%	2.1%
CDS 5Y UKR	1882.4	11.0%	-30.9%	-15.7%
Ukraine-17	40.3%	-2.2 p.p.	6.5 p.p.	14.6 p.p.
Ferrexpo-16	32.9%	0.0 p.p.	-3.6 p.p.	1.5 p.p.
Ukraine-23	21.5%	-0.7 p.p.	2.4 p.p.	14.0 p.p.
Privatbank-16	276.8%	3.4 p.p.	172.4 p.p.	191.4 p.p.

**CURRENCY**

	Last, UAH	1D ch	1M ch	YTD
USD	21.60	-1.8%	-13.6%	36.5%
EUR	22.97	-1.0%	-18.9%	20.0%
RUB	0.35	-1.4%	-7.2%	28.4%

**COMMODITIES**

	Last	1D ch	1M ch	YTD
Wheat, USD/t*	206.7	0.0%	-4.7%	-16.0%
Steel, USD/t	382.5	0.0%	-5.6%	-15.0%
Oil, USD/bbl	57.1	-0.8%	-3.8%	-3.6%
Gold, USD/oz	1153.7	-0.1%	-6.9%	-2.6%

\*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

## Krukiv Wagon Had No Freight Car Output in February

by Dmitry Churin  
d.churin@eavex.com.ua

### KRUKIV WAGON (KVBZ UK)

Price: UAH 11.50 Market Cap: USD 61mn

	P/B	EV/S	P/E	EV/EBITDA	Div. Yield
2014E	0.4	0.4	neg	5.3	0.0%
2015E	0.5	0.8	neg	10.8	0.0%

### NEWS

Kremenchuk-based railcar maker Krukiv Wagon produced only 11 freight railcars in Jan-Feb this year, compared to 175 railcars in the corresponding period a year ago, Interfax reported this week, citing a source in the company. Krukiv did not produce any railcars in February. The company did, however, win another contract to “modernize” 50 subway railcars for the City of Kyiv this year. The order value was announced at UAH 1.02bn and the agreement with the Kyiv City Council was signed on Feb 27.

### COMMENTARY

Krukiv Wagon was producing as many as 1,000 freight railcars per month in 2011-12, with almost all the output exported to Russia. During the last two years, the company’s output fell dramatically as it lost access to its Russian customers, and the deal with Kyiv for subway cars has represented its only major business. In 2014, Krukiv upgraded 95 subway cars, earning about UAH 1.0bn in revenue from the order. Management says the company will post a net loss for FY14, although the financials have not yet been released. In terms of the deal with Kyiv Subway, we note that the contract’s implied valuation of around USD 900,000 per railcar looks more in line with the price for new passenger railcars rather than modernization of existing ones. The KVBZ stock is at an all-time USD-denominated low, and currently trades at UAH 11.50 as a low-liquidity component of the UX index basket.

## EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
<b>Agriculture</b>						
Kernel	KER PW	31.5	50.2	60%	BUY	Hedging approach to making business, no devaluation risk, limited political risk due to lack of assets in the Donbass, and a U-turn in the farming segment in the 2014-15 season make Kernel's stock our current top investment story.
MHP	MHPC LI	9.0	17.96	100%	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 PW	24.4	90.0	269%	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 LI	3.1	2.7	-14%	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 PW	69.0	80.8	17%	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.
<b>Iron Ore</b>						
Ferrexpo	FXPO LN	60.0	48.0	-20%	SELL	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.
<b>Steel</b>						
Azovstal	AZST	0.81	0.56	-31%	SELL	Non-transparent reporting practices detrimentally affect Azovstal's reported earnings.
<b>Coke</b>						
Avdyivka Coke	AVDK	1.35	U/R	--	Susp.	Avdyivka Coke experienced several artillery attacks since August 2014 due to its location near the border of occupied territory.
<b>Specialized Machinery</b>						
Motor Sich	MSICH	2715	5250	93%	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.
<b>Oil &amp; Gas</b>						
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	35.8	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.
<b>Power Utilities</b>						
DonbasEnerg	DOEN	29.6	72.0	144%	BUY	DonbasEnerg is expected to continue practice of 30% dividend payout in a medium term.
CenterEnerg	CEEN	8.08	15.00	86%	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	0.105	0.24	130%	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	1092.97	1368.76	908.88	0.5%	-0.8%	3.5%	5.8%	0.0%	0.0%	0.0%	0.0%
<b>Steel</b>												
Alchevsk Steel	ALMK	0.015	0.045	0.011	2.8%	1.4%	13.2%	0.7%	2.3%	2.2%	9.6%	-5.1%
Azovstal	AZST	0.83	0.95	0.35	3.8%	1.3%	8.5%	11.1%	3.3%	2.2%	5.0%	5.4%
Enakievo Steel	ENMZ	17.40	65.00	14.81	-0.2%	0.2%	-5.3%	-16.9%	-0.6%	1.0%	-8.9%	-22.7%
<b>Coke</b>												
Avdyivka Coke	AVDK	1.43	3.62	1.10	1.3%	1.3%	27.2%	-17.5%	0.8%	2.2%	23.7%	-23.3%
Yasnivsky Coking	YASK	0.35	0.84	0.18	0.0%	0.0%	29.6%	25.0%	-0.5%	0.8%	26.1%	19.2%
<b>Iron Ore Mining</b>												
Centralny GOK	CGOK	9.20	n/a	n/a	8.2%	7.6%	22.7%	18.1%	7.8%	8.4%	19.1%	12.3%
Ferrexpo	FXPO	56.50	162.10	47.91	7.1%	-5.8%	2.7%	6.6%	6.6%	-5.0%	-0.8%	0.8%
Pivnichny GOK	SGOK	8.49	12.30	4.44	-0.1%	-2.4%	0.5%	1.4%	-0.6%	-1.6%	-3.1%	-4.3%
<b>Coal Mining</b>												
Pokrovske Mine	SHCHZ	0.48	0.79	0.17	0.0%	0.0%	65.5%	2.1%	-0.5%	0.8%	62.0%	-3.6%
<b>Pipe Manufacturing</b>												
Khartsyzk Pipe	HRTR	0.58	1.01	0.20	0.0%	1.8%	93.3%	52.6%	-0.5%	2.6%	89.8%	46.9%
<b>Railcar Manufacturing</b>												
Kryukiv Wagon	KVBZ	11.09	21.60	10.00	-2.7%	-7.6%	-10.4%	-13.7%	-3.2%	-6.7%	-14.0%	-19.5%
Luhanskeplovoz	LTPL	1.50	1.80	0.85	0.0%	-16.7%	50.0%	38.9%	-0.5%	-15.8%	46.5%	33.1%
<b>Specialized Machinery</b>												
Motor Sich	MSICH	2696	2939	1587	-1.3%	-2.7%	-1.2%	8.6%	-1.8%	-1.9%	-4.7%	2.8%
Turboatom	TATM	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<b>Telecom</b>												
Ukrtelecom	UTLM	0.16	0.20	0.09	0.0%	0.0%	-3.1%	2.0%	-0.5%	0.8%	-6.7%	-3.8%
<b>Oil &amp; Gas</b>												
Regal Petroleum	RPT	4.62	11.50	3.13	0.0%	8.7%	23.2%	47.8%	-0.5%	9.5%	19.7%	42.1%
JKX Oil	JKX	34.38	64.00	11.00	-1.1%	-4.5%	19.6%	186.5%	-1.5%	-3.7%	16.0%	180.7%
Ukrnafta	UNAF	305.5	375.0	54.0	-1.4%	-3.4%	8.4%	50.3%	-1.9%	-2.5%	4.8%	44.5%
<b>Power Utilities</b>												
Centrenergo	CEEN	7.99	8.70	3.00	0.6%	0.9%	8.0%	5.9%	0.1%	1.8%	4.5%	0.2%
Donbasenergo	DOEN	29.89	50.16	11.00	3.1%	0.7%	-4.4%	-9.4%	2.6%	1.6%	-7.9%	-15.2%
Zakhidenergo	ZAEN	160.0	199.8	91.2	0.0%	-1.2%	-2.6%	8.0%	-0.5%	-0.4%	-6.1%	2.3%
<b>Consumer</b>												
Agroton	AGT	1.33	3.39	1.19	5.6%	0.0%	2.3%	8.1%	5.1%	0.8%	-1.2%	2.4%
Astarta	AST	24.38	48.22	14.50	3.3%	-1.5%	2.3%	21.9%	2.8%	-0.7%	-1.3%	16.1%
Avangardo	AVGR	2.75	10.27	1.83	3.6%	-2.8%	30.7%	33.9%	3.1%	-2.0%	27.2%	28.1%
Industrial Milk Company	IMC	5.70	10.39	5.46	-0.9%	-4.2%	-5.0%	0.5%	-1.3%	-3.4%	-8.5%	-5.2%
Kernel	KER	31.20	34.50	22.00	-1.5%	-2.0%	4.1%	9.6%	-1.9%	-1.2%	0.6%	3.9%
Mriya Agro Holding	MAYA	0.45	5.65	0.36	18.4%	18.4%	-10.9%	-19.9%	18.0%	19.3%	-14.4%	-25.7%
MHPC	MHPC	8.90	15.77	8.61	-1.7%	-3.2%	-4.3%	-3.3%	-2.1%	-2.3%	-7.8%	-9.0%
Milkiland	MLK	2.80	8.59	1.48	-7.9%	-20.0%	40.7%	89.2%	-8.4%	-19.2%	37.2%	83.4%
Ovostar Union	OVO	69.98	76.74	64.00	2.9%	0.1%	-2.2%	-2.8%	2.4%	1.0%	-5.7%	-8.6%
<b>Chemicals</b>												
Stirol	STIR	8.80	n/a	n/a	0.0%	0.0%	10.0%	27.0%	-0.5%	0.8%	6.5%	21.2%
<b>Banks</b>												
Raiffeisen Bank Aval	BAVL	0.107	0.190	0.086	0.9%	1.7%	11.9%	10.9%	0.4%	2.6%	8.3%	5.2%
UkrSotsbank	USCB	0.103	0.200	0.090	0.0%	-6.8%	-13.1%	-21.3%	-0.5%	-6.0%	-16.7%	-27.0%

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
<b>Steel</b>																
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	1,793	1,524	-81	153	114	neg	8.5%	7.5%	-308	77	50	neg	4.3%	3.3%
<b>Coke</b>																
Avdyivka Coke	AVDK	914	509	382	46	-54	-57	5.0%	neg	neg	-6	-75	-82	neg	neg	neg
Yasynivsky Coking	YASK	367	198	159	29	-4	-7	7.8%	neg	neg	-3	-13	-13	neg	neg	neg
<b>Iron Ore Mining</b>																
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	1,388	1,059	506	496	256	32.0%	35.8%	24.2%	264	184	98	16.7%	13.2%	9.2%
<b>Pipe Manufacturing</b>																
Khartsyzk Pipe	HRTR	310	193	92	31	43	18	10.1%	22.6%	19.3%	5	23	2	1.5%	11.7%	2.0%
<b>Railcar Manufacturing</b>																
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	67	50	10	5	10.9%	7.6%	7.5%	42	-3	-4	9.0%	neg	neg
<b>Specialized Machinery</b>																
Turboatom	TATM	214	164	114	90	73	36	42.1%	44.6%	32.0%	72	53	23	33.5%	32.4%	20.0%
Motor Sich	MSICH	1,053	879	460	384	342	158	36.5%	38.9%	34.3%	162	129	67	15.4%	14.7%	14.5%
<b>Telecom</b>																
Ukrtelecom	UTLM	791	368	224	190	105	71	24.0%	28.5%	31.5%	17	16	8	2.2%	4.3%	3.5%
<b>Oil &amp; Gas</b>																
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%
<b>Electric Utilities</b>																
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	262	271	72	23	13	11.0%	8.8%	4.9%	65	20	3	9.9%	7.8%	1.1%
<b>Consumer</b>																
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	2,250	291	223	325	10.4%	9.3%	14.4%	105	-107	125	3.8%	neg	5.6%
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%
<b>Banks</b>																
		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	1,595	2,588	1,064	303	447	115	130	115	1	-19	-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			
<b>Steel</b>																		
Alchevsk Steel	ALMK	17	3.9%	1	956	neg	neg	neg	neg	neg	neg	0.6	1.4	2.8	247	230	224	\$/tonne
Yenakievo Steel	ENMZ	8	8.8%	1	6	neg	neg	neg	neg	0.1	0.1	0.0	0.0	0.0	2	2	2	\$/tonne
Azovstal	AZST	161	3.0%	5	154	neg	2.1	3.2	neg	1.0	1.4	0.1	0.1	0.1	34	34	34	\$/tonne
<b>Coke</b>																		
Avdivka Coke	AVDK	13	6.8%	1	-26	neg	neg	neg	-0.6	neg	neg	0.0	-0.1	-0.1	-6	-7	-7	\$/tonne
Yasynivsky Coke	YASK	4	9.0%	0	5	neg	neg	neg	0.2	neg	neg	0.0	0.0	0.0	0.2	neg	neg	\$/tonne
<b>Iron Ore Mining</b>																		
Centralny GOK	CGOK	499	0.3%	1	498	2.6	4.4	6.2	1.6	2.2	3.0	0.7	0.8	0.9				
Pivnichny GOK	SGOK	906	0.4%	4	899	1.7	2.8	4.0	1.0	1.4	1.9	0.6	0.6	0.7				
Ferrexpo	FXPO	491	24.0%	118	1,170	1.9	2.7	5.0	2.3	2.4	4.6	0.7	0.8	1.1				
<b>Pipe Manufacturing</b>																		
Khartsyzk Pipe	HRTR	70	2.0%	1	116	14.8	3.1	>30	3.7	2.7	6.5	0.4	0.6	1.3	183	304	289	\$/tonne
<b>Railcar Manufacturing</b>																		
LuganskTeplovoz	LTPL	15	24.0%	4	52	0.8	neg	n/a	1.5	neg	n/a	0.2	0.4	n/a				
Krukiv Wagon	KVBZ	59	5.0%	3	52	1.4	neg	neg	1.0	5.2	10.5	0.1	0.4	0.8				
<b>Specialized Machinery</b>																		
Turboatom	TATM	68	5.8%	4	38	1.0	1.3	3.0	0.4	0.5	1.0	0.2	0.2	0.3				
Motor Sich	MSICH	259	24.0%	62	245	1.6	2.0	3.9	0.6	0.7	1.6	0.2	0.3	0.5				
<b>Telecom</b>																		
Ukrtelecom	UTLM	134	7.2%	10	219	7.9	8.5	16.9	1.2	2.1	3.1	0.3	0.6	1.0				
<b>Oil &amp; Gas</b>																		
Ukrnafta	UNAF	767	3.0%	23	763	>30	24.2	>30	2.7	4.8	5.8	0.3	0.4	0.7	n/a	n/a	n/a	\$/boe
Regal Petroleum	RPT	22	21.6%	5	-3	neg	11.0	7.3	neg	-0.2	-0.2	-0.1	-0.1	-0.1	n/a	n/a	n/a	\$/boe
JKX Oil & Gas	JKX	88	50.4%	44	196	13.5	11.2	17.5	3.0	2.9	2.8	1.1	1.0	1.3	36	27	26	\$/boe
<b>Electric Utilities</b>																		
CentrEnerg	CEEN	137	21.7%	30	123	2.3	8.6	15.5	1.3	3.7	5.4	0.1	0.2	0.2	7	9	8	\$/MWh
DonbasEnerg	DOEN	33	14.2%	5	63	0.5	1.6	11.1	0.9	2.7	4.7	0.1	0.2	0.2	8	8	8	\$/MWh
<b>Consumer</b>																		
MHP	MHPC	940	34.1%	321	2,020	5.8	neg	9.7	5.2	3.8	3.7	1.4	1.3	1.3				
Kernel	KER	634	61.8%	391	1,369	6.0	neg	5.1	4.7	6.1	4.2	0.5	0.6	0.6				
Astarta	AST	155	37.0%	57	402	4.6	neg	5.2	4.4	2.6	3.3	0.8	0.9	1.0				
Avangardco	AVGR	175	22.5%	39	363	0.7	neg	5.5	1.2	2.8	3.3	0.5	0.8	0.9	82	62	59	\$/mneqgs
Ovostar	OVO	107	25.0%	27	114	3.5	3.6	4.4	3.2	3.5	4.6	1.4	1.5	1.4	n/a	n/a	n/a	
<b>Banks</b>																		
						P/E			P/Book			P/Assets						
Raiffeisen Bank Aval	BAVL	148	3.5%	5		1.7	neg	neg	0.2	0.4	0.4	0.03	0.05	0.05				
Ukrsotsbank	USCB	87	1.0%	1		>30	>30	>30	0.1	0.3	0.2	0.01	0.05	0.03				

Source: Eavex Research

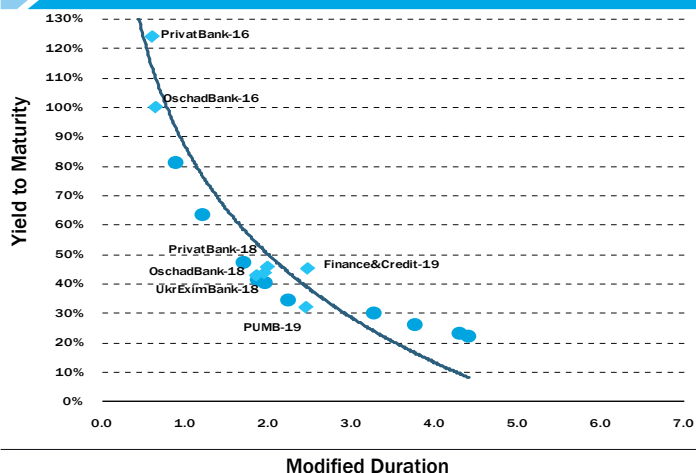
UKRAINIAN EUROBONDS

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, 2015 (EUR)	45.0	47.0	212.6%	196.9%	-32.3%	0.3	4.95%	A	13 Oct 2015	600*	Caa3/CCC-/CC
Ukraine, 2015	53.5	55.2	177.8%	170.7%	-22.7%	0.3	6.875%	S/A	23 Sept 2015	500	Caa3/CCC-/CC
Ukraine, 2016	43.8	45.0	67.3%	64.9%	-29.2%	1.1	6.58%	S/A	21 Nov 2016	1,000	Caa3/CCC-/CC
Ukraine, 2016-2	44.1	45.4	88.5%	85.0%	-30.9%	0.8	6.25%	S/A	17 Jun 2016	1,250	Caa3/CCC-/CC
Ukraine, 2017	47.5	48.5	40.8%	39.8%	-24.1%	1.9	6.75%	S/A	14 Nov 2017	700	Caa3/CCC-/CC
Ukraine, 2017-2	47.5	48.5	49.2%	48.0%	-22.9%	1.6	9.25%	S/A	24 Jul 2017	2,000	Caa3/CCC-/CC
Ukraine, 2017 Infr. projects	43.0	45.0	49.2%	46.8%	-28.5%	1.7	8.375%	S/A	3 Nov 2017	568	Caa3//
Ukraine, 2018 Infr. projects	42.5	44.5	42.4%	40.3%	-27.5%	2.1	7.40%	S/A	20 Apr 2018	690	Caa3//
Ukraine, 2020	41.3	43.3	30.3%	28.9%	-29.1%	3.2	7.75%	S/A	23 Sept 2020	1,500	Caa3/CCC-/CC
Ukraine, 2021	46.0	46.0	26.5%	26.5%	-22.5%	3.7	7.95%	S/A	23 Feb 2021	1,500	Caa3/CCC-/CC
Ukraine, 2022	45.0	46.0	23.6%	23.1%	-24.4%	4.2	7.80%	S/A	28 Nov 2022	1,250	Caa3/CCC-/CC
Ukraine, 2023	46.8	47.8	21.8%	21.3%	-20.4%	4.4	7.50%	S/A	17 Apr 2023	1,250	Caa3/CCC-/CC
<b>Corporate Eurobonds</b>											
Agroton, 2019	30.1	35.3	43.9%	38.2%	-3.3%	2.8	8.00%	S/A	14 Jul 2019	50	//RD
MHP, 2015	92.0	94.0	82.2%	63.0%	-2.1%	0.1	10.25%	S/A	29 Apr 2015	235	Caa2//CC
MHP, 2020	65.0	67.8	19.4%	18.3%	-3.8%	3.5	8.25%	S/A	2 Apr 2020	750	/CCC-/CC
Avangardco, 2015	44.5	44.5	188.3%	188.3%	-31.1%	0.3	10.00%	S/A	29 Oct 2015	200	/CCC-/
UkrLandFarming, 2018	38.0	38.0	55.1%	55.1%	-18.3%	1.6	10.88%	S/A	26 Mar 2018	500	/CCC-/CC
Mriya, 2016	11.0	14.0	439.2%	364.6%	-3.8%	0.3	10.95%	S/A	30 Mar 2016	72	/SD/RD
Mriya, 2018						1.2	9.45%	S/A	19 Apr 2018	400	/SD/RD
DTEK, 2015	60.0	65.0	566.6%	461.4%	-19.4%	0.1	9.50%	S/A	28 Apr 2015	200	Caa2//CC
DTEK, 2018	33.0	36.0	56.2%	51.8%	-24.2%	1.8	7.88%	S/A	4 Apr 2018	750	Caa2//CC
Metinvest, 2015	63.0	68.0	334.2%	270.7%	-18.6%	0.1	10.25%	S/A	20 May 2015	114	Caa2//CC
Metinvest, 2017	48.0	53.0	45.9%	40.7%	-27.9%	1.2	10.50%	S/A	28 Nov 2017	290	//CC
Metinvest, 2018	45.0	50.0	44.0%	38.9%	-14.4%	2.0	8.75%	S/A	14 Feb 2018	750	Caa2//CC
Ferrexpo, 2016	78.1	78.1	32.9%	32.9%	1.4%	0.8	7.875%	S/A	07 Apr 2016	500	/CCC-/CC
UZ Rail, 2018	40.0	44.0	48.1%	43.6%	-20.8%	2.0	9.50%	S/A	21 May 2018	500	/CCC-/CC
Interpipe, 2017	15.0	25.0	145.2%	97.9%	-63.6%	1.2	10.25%	S/A	2 Aug 2017	200	//
JKX Oil&Gas, 2018	71.5	75.2	26.5%	24.4%	26.0%	1.6	8.00%	S/A	19 Feb 2018	40	
<b>Bank Eurobonds</b>											
Fin&Credit Bank, 2019	10.0	15.0	119.6%	90.9%	-84.9%	1.5	9.25%	S/A	25 Jan 2019	100	Caa3//
PUMB, 2018	43.0	48.0	41.5%	37.1%	-32.6%	2.2	11.00%	Q	31 Dec 2018	275	Caa3//
Nadra Bank, 2018	8.0	13.0	n/a	n/a	-16.0%	0.3	6.25%	A	31 Jul 2018	60	//
PrivatBank, 2015	45.0	50.0	251.2%	207.8%	-24.0%	0.2	9.38%	S/A	23 Sept 2015	200	Caa3//
PrivatBank, 2016	20.0	25.0	309.5%	249.4%	-54.5%	0.4	8.75%	S/A	9 Feb 2016	150	Caa3//
PrivatBank, 2018	40.1	43.1	53.3%	49.5%	-37.5%	1.9	10.88%	S/A	28 Feb 2018	175	Caa3//CC
UkrEximBank, 2015	62.4	62.4	516.2%	516.2%	-19.5%	0.1	8.38%	S/A	27 Apr 2015	750	Caa3//CC
UkrEximBank, 2016	30.0	40.0	205.5%	144.8%	-26.3%	0.5	5.79%	S/A	2 Sept 2016	125	Caa3//CC
UkrEximBank, 2018	46.0	49.0	43.5%	40.4%	-15.9%	2.0	8.75%	S/A	22 Jan 2018	500	Caa3//CC
VAB Bank, 2019	3.0	7.0	n/a	n/a	-23.1%	n/a	9.00%	Q	14 Jun 2019	88	//WD
Oschadbank, 2016	46.0	50.0	111.9%	98.6%	-18.0%	0.6	8.25%	S/A	10 Mar 2016	700	Caa3//CC
Oschadbank, 2018	43.0	47.0	45.4%	41.1%	-20.3%	1.9	8.88%	S/A	20 Mar 2018	500	Caa3//CC
<b>Municipal Eurobonds</b>											
City of Kyiv, 2015	43.3	45.8	200.4%	183.3%	-38.7%	0.3	8.00%	S/A	6 Nov 2015	250	Caa3/CCC/
City of Kyiv, 2016	42.0	47.0	94.9%	82.0%	-37.1%	0.9	9.375%	S/A	30 Jun 2016	300	Caa3/CCC/

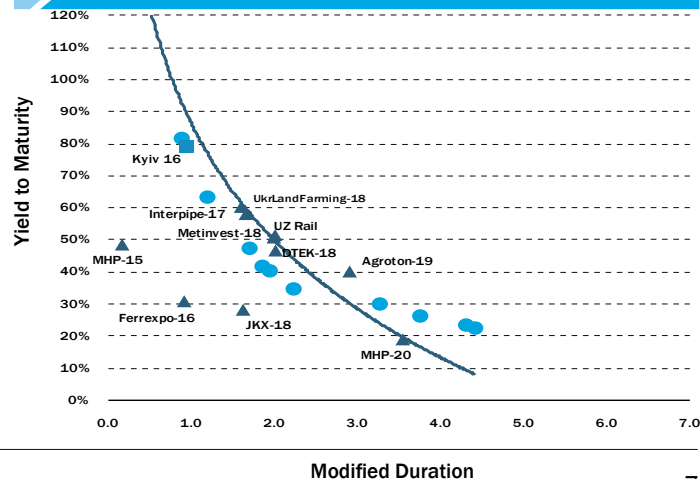
<sup>1</sup> Moody's/S&P/Fitch; \* EUR

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
<b>UAH denominated Bonds</b>									
UA4000141592					n/a	14.30%	S/A	20 May 2015	n/a
UA4000142665			30%	26%	n/a	14.30%	S/A	24 May 2017	n/a
<b>USD denominated Bonds</b>									
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
<b>EUR denominated Bonds</b>									
UA4000142681	n/a	n/a	12.5%	8.0%	n/a	4.80%	S/A	6 May 2015	n/a
<b>VAT Bonds</b>									
UA4000082531			30%	26%	n/a	5.50%	S/A	21 Aug 2015	n/a
UA4000082622			30%	26%	n/a	5.50%	S/A	24 Aug 2015	n/a
UA4000083059			30%	26%	n/a	5.50%	S/A	25 Aug 2015	n/a
UA4000185151			30%	26%	1.9	9.50%	S/A	8 Jul 2019	3,577
UA4000185557			30%	26%	1.9	9.50%	S/A	22 Jul 2019	2,171
UA4000186159			30%	26%	1.9	9.50%	S/A	20 Aug 2019	955

Source: Bloomberg, Cbonds, Eavex Research



**Eavex Capital**

12, Ezhena Pottier str.  
Kiev 03057  
Ukraine

Telephone: +38 044 590 5454

Facsimile: +38 044 590 5464

E-mail: office@eavex.com.ua

Web-page: www.eavex.com.ua

Yuriy Yakovenko

**Chairman of the Board**

yuriy.yakovenko@eavex.com.ua

**SALES & TRADING**

Pavel Korovitskiy

**Managing Director**

**Equity and Fixed Income**

p.korovitsky@eavex.com.ua

Alexander Klymchuk

**Equity and Fixed Income**

a.klymchuk@eavex.com.ua

Eugene Klymchuk

**Fixed Income Sales and Trading**

e.klymchuk@eavex.com.ua

Serhiy Scherbaniuk

**Equity Trading**

s.shcherbaniuk@eavex.com.ua

Nazar Malinyak

**Online Trading**

n.malinyak@eavex.com.ua

**RESEARCH**

Dmitry Churin

**Head of Research**

d.churin@eavex.com.ua

Ivan Dzvinka

**Research Associate**

i.dzvinka@eavex.com.ua

Will Ritter

**Research editor**

w.ritter@eavex.com.ua