

## Market Update

### Equity

Most Ukrainian blue chips were lower on Monday (Sept 2) despite a strong rally in Europe, with the local market dragged down by Motor Sich after comments from CEO Viacheslav Boguslayev that a free trade deal with the EU will hurt the company. Meanwhile, stocks in Frankfurt, Paris, and London jumped on PMI data that showed signs of a sustained pickup in the big Eurozone economies, with the DAX gaining nearly 2%; US bourses were shut for the Labor Day holiday. The UX index fell 1.1%, closing at 831 points after recovering somewhat from an intraday low of 821. Motor Sich lost 4.6% to UAH 1610, its lowest closing price since the autumn of 2009, and UkrNafta slid 2.8% to UAH 108. CentrEnerg and Alchevsk Steel retreated by 1.4% and 1.0% respectively, while Metinvest Steel names Azovstal and Yenakievo both finished in the black with respective rises of 1.0% and 1.5%.

### Fixed Income

Ukrainian sovereign Eurobonds were up on Monday with Ukraine-23s increasing by 0.3p.p. to 85.7/86.3 (9.8%/9.7%). Corporate names were mostly sluggish. DTEK-18s declined by 0.8p.p. to 92.8/94.5 (9.9%/9.4%) and Metinvest-15s edged down by 0.1p.p. and closed at 104.1/105.1 (7.8%/7.1%).

Volume Leaders	Ticker	Last, UAH	1D ch	Volume, UAH mn	Number of Trades
Motor Sich	MSICH	1610.00	-4.6%	6.7	279
Centrenerg	CEEN	4.93	-1.4%	2.6	214
Enakievo Steel	ENMZ	33.790	1.6%	1.7	80

### Growth Leaders

Ukrtelecom	UTLM	0.16	9.1%	0.03	27
Enakievo Steel	ENMZ	33.79	1.6%	1.67	80
Pivnichny GOK	SGOK	7.61	1.3%	0.01	8

### Loss Leaders

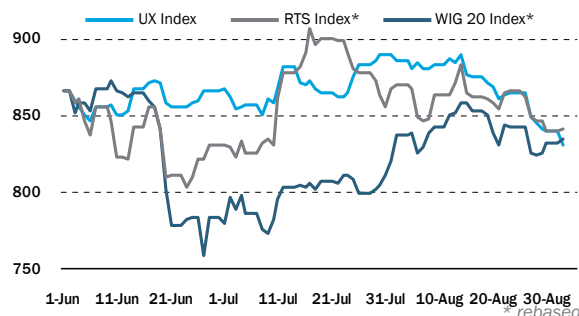
Krymenergo	KREN	0.60	-17.9%	0.030	7
Bank Forum	FORM	0.60	-7.5%	0.018	59
Centralny GOK	CGOK	5.99	-4.9%	0.019	9

## Highlights

### STOCKS IN THE NEWS

- > MSICH Plunges After CEO Says EU-Ukraine FTA Negative for the Company

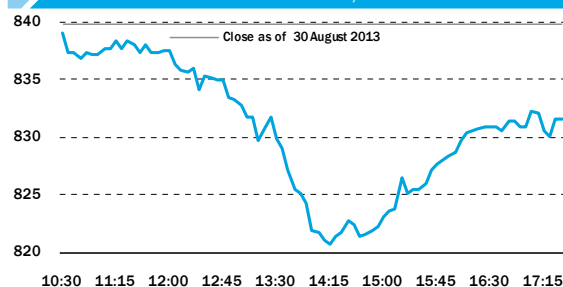
### STOCK MARKET PERFORMANCE



### MARKET INDEXES

	Last	1D ch	1M ch	YTD
UX	830.7	-1.1%	-6.3%	-12.6%
RTS	1292.0	0.1%	-3.3%	-15.4%
WIG20	2394.9	0.4%	-0.3%	-7.3%
MSCI EM	938.3	0.9%	-1.8%	-11.1%
S&P 500	1633.0	0.0%	-4.5%	16.4%

### UX INTRADAY SEPTEMBER 2, 2013



### FIXED INCOME

	Last	1D ch	1M ch	YTD
EMBI+Global	375.1	0.0%	9.7%	38.4%
CDS 5Y UKR	873.9	-0.4%	11.2%	39.8%
Ukraine-17	9.8%	0.0 p.p.	0.8 p.p.	2.9 p.p.
Naftogaz Ukr-14	10.7%	0.0 p.p.	1.4 p.p.	3.1 p.p.
Ukraine-23	9.8%	0.0 p.p.	0.6 p.p.	2.3 p.p.
Privatbank-16	14.0%	0.0 p.p.	0.6 p.p.	-1.3 p.p.

### CURRENCY

	Last, UAH	1D ch	1M ch	YTD
USD	8.13	0.0%	-0.2%	1.0%
EUR	10.72	-0.1%	-0.8%	0.3%
RUB	0.24	-0.2%	-1.9%	-8.2%

### COMMODITIES

	Last	1D ch	1M ch	YTD
Wheat, USD/t*	250.8	0.0%	-2.1%	-28.0%
Steel, USD/t	547.5	1.9%	5.8%	2.8%
Oil, USD/bbl	114.3	0.3%	5.8%	6.7%
Gold, USD/oz	1391.3	-0.3%	6.1%	-16.0%

\*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

**MSICH Plunges After CEO Says EU-Ukraine FTA Negative for the Company**

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

**MOTOR SICH (MSICH UK)**

Price: UAH 1,610 Market Cap: USD 412mn

	P/B	EV/S	P/E	EV/EBITDA	Div. Yield
2012	0.4	0.4	2.1	1.4	0.6%
2013E	0.4	0.4	1.9	1.4	2.1%

**NEWS**

The market position of Motor Sich, Ukraine’s monopoly aircraft engine producer, will likely be damaged by an association and free trade agreement with the European Union, Motor Sich CEO Viacheslav Boguslayev told journalists at an air show in Russia on Monday (Sept 2). The CEO said he worried that Ukrainian technical standards would fail to meet those of the EU in certain points and that it would be necessary to change them. Boguslayev, who has headed Motor Sich since the Soviet era, said certification of the company’s aircraft engines in EU would be a waste of time and could harm the company’s competitiveness on its key Russian market.

**COMMENTARY**

We interpret Boguslayev’s rhetoric as being mostly in reverence to the company’s Russian partners, for whom the idea of Ukraine moving closer to the European Union is undesirable more in principle than in practice. Although there may well be some cooling in the Ukraine-Russian relationship if Ukraine signs the AA/DCFTA with the EU in November, we see no particular threat of Motor Sich losing its key market. The company is a de-facto monopoly engine supplier for Russian Mi-8 helicopters, and there is only a very low possibility that Russia could substitute the company in the production chain within the next 10-15 years. Even so, the news about Boguslayev’s comments hammered the MSICH stock on Monday, sending quotes down by 4.5% to a three-year low of UAH 1610 per share. However, given relatively favorable external risk appetite, the stock has the potential to rebound quickly, as it currently trades at a P/E multiple of just 2.0x.

## EAVEX RECOMMENDATIONS

Name	Ticker	Price, USD per share	Target price, USD per share	Upside, %	Rating	Commentary
<b>Steel&amp;Pipes</b>						
Azovstal	AZST	0.08	0.07	-12%	SELL	Non-transparent reporting practices detrimentally affect Azovstal's reported earnings.
<b>Iron Ore</b>						
Ferrexpo	FXPO LN	2.76	3.33	21%	BUY	Operations at Ferrexpo's new Yeristovo Mine should allow the company to increase its iron ore pellet output by 10% YoY to 10.6mn tonnes in 2013, with further growth to 12.0mn tonnes in 2015.
Pivnichny GOK	SGOK	0.94	1.77	89%	BUY	Secure demand for Pivnichny GOK's iron ore products and lucrative pricing allow the company to operate with high profitability (EBITDA margin of not lower than 45% since 2009). Disadvantages of the stock are its low liquidity and no dividend in 2013 for the first time since 2005.
Centralny GOK	CGOK	0.74	1.30	76%	BUY	Centralny GOK operates in the highly profitable iron ore industry; its EBITDA margin has remained above 35% since 2009. Disadvantages of the stock are its low liquidity and no dividend in 2013 for the first time since 2005.
<b>Coke</b>						
Avdyivka Coke	AVDK	0.39	0.76	94%	BUY	AVDK's order book is secure thanks to its integration with Metinvest, Ukraine's largest M&M holding.
Yasynivsky Coke	YASK	0.07	0.42	510%	BUY	Yasynivsky Coke benefits from steady demand for its output both in Ukraine & abroad thanks to the high quality of its coke relative to other domestic producers.
<b>Coal</b>						
Pokrovske Mine	SHCHZ	0.06	0.36	516%	BUY	We expect Pokrovske Mine to double its coking coal extraction to 9.5mn tonnes over 2010-15.
<b>Railcar Manufacturing</b>						
Krukiv Wagon	KVBZ	2.71	6.18	128%	BUY	Having achieving its post-1991 production maximum in 2011, Krukiv Wagon's revenue should rise at a 7% CAGR in 2012-2016E, with the EBITDA and net margins for the period near 15% and 11%, respectively.
LuganskTeplovoz	LTPL	0.19	0.64	242%	BUY	LuganskTeplovoz's incorporation into TransMashHolding should help it to exploit its already-dominant position on the Russian market for diesel locomotives.
<b>Specialized Machinery</b>						
Motor Sich	MSICH	198	644	225%	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	0.61	1.09	79%	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	0.018	0.030	63%	BUY	Galnaftogaz is pursuing a plan to aggressively expand its filling station network.
Regal Petroleum	RPT	0.27	1.52	467%	BUY	We assume that Regal will be able to produce 5,200 boepd in 2014, generating USD 116mn in sales.
JKX Oil & Gas	JKX	1.1	6.0	463%	BUY	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>						
DonbasEnergo	DOEN	2.79	8.90	219%	BUY	DonbasEnergo is Ukraine's next big-ticket privatization object, with an auction expected to be announced in summer 2013.
CenterEnergo	CEEN	0.61	1.84	203%	BUY	CentrEnergo's privatization has been postponed, but the company retains a strong fundamental value due to its large installed electricity generation capacity.
<b>Consumer</b>						
MHP	MHPC	15.0	24.0	60%	BUY	MHP launched production at Phase 1 of its new Vinnytsya poultry complex in late 2012. This will allow the company to expand its poultry production by some 60,000 tonnes in 2013, up from the current 384,000 tonnes.
Astarta	AST	20.93	30.0	43%	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	10.20	U/R	n/a	U/R	The company ended 1Q13 with a 6% YoY increase in sales thanks to an expansion of the production. Higher operational results failed to compensate for a 8% YoY drop on selling price for eggs further exacerbated by inflated production costs. This led to decline in both EBITDA and net margins by 10p.p. YoY to 45% and 39%, respectively in 1Q13.

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	830.73	1106.67	758.71	-1.1%	-4.0%	-6.3%	-12.6%	0.0%	0.0%	0.0%	0.0%
<b>Steel</b>												
Alchevsk Steel	ALMK	0.037	0.06	0.03	-0.8%	-5.3%	-6.3%	-30.1%	0.3%	-1.3%	0.0%	-17.5%
Azovstal	AZST	0.63	0.97	0.31	1.1%	1.5%	-0.8%	-15.4%	2.2%	5.5%	5.5%	-2.8%
Dniprospezstal	DNSS	n/a	1,300	700	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Enakievo Steel	ENMZ	33.8	49.9	20.0	2.2%	0.6%	-2.7%	-11.1%	3.3%	4.6%	3.5%	1.5%
Arcelor Mittal KR	KSTL	n/a	6.00	1.20	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Mariupol Ilyicha	MMKI	0.12	0.26	0.10	0.0%	0.0%	-14.3%	-45.5%	1.1%	4.0%	-8.0%	-32.8%
<b>Coke</b>												
Avdivka Coke	AVDK	3.20	4.07	1.61	0.8%	-0.1%	-2.2%	-2.2%	1.8%	3.9%	4.1%	10.4%
Yasnyivsky Coking	YASK	0.56	0.99	0.51	-1.8%	0.0%	1.8%	-16.4%	-0.7%	4.0%	8.1%	-3.8%
<b>Iron Ore Mining</b>												
Centralny GOK	CGOK	5.99	7.74	4.00	-4.9%	-4.9%	-10.6%	-13.2%	-3.8%	-0.9%	-4.3%	-0.6%
Ferrexpo	FXPO	2.75	4.58	2.02	7.1%	-4.5%	4.7%	-31.6%	8.1%	-0.5%	11.0%	-19.0%
Pivnichny GOK	SGOK	7.61	10.00	5.77	-0.5%	-2.4%	-9.4%	2.3%	0.6%	1.6%	-3.1%	14.9%
<b>Coal Mining</b>												
Pokrovske Mine	SHCHZ	0.48	1.00	0.40	6.7%	4.3%	6.7%	-23.8%	7.7%	8.4%	12.9%	-11.2%
Komsomolets Donbasa	SHKD	0.60	1.46	0.41	0.0%	-7.7%	-31.0%	-49.2%	1.1%	-3.7%	-24.8%	-36.5%
Energy Coal	CLE	0.71	5.77	0.59	0.1%	-13.3%	-18.7%	-77.1%	1.2%	-9.2%	-12.4%	-64.5%
<b>Mining Machinery</b>												
Svitlo Shakhtara	HMBZ	0.40	0.58	0.270	0.0%	0.0%	-11.1%	-31.0%	1.1%	4.0%	-4.8%	-18.4%
<b>Pipe Manufacturing</b>												
Khartsyzk Pipe	HRTR	0.60	0.86	0.45	0.0%	-1.6%	-1.6%	-14.3%	1.1%	2.4%	4.6%	-1.7%
Interpipe NMPP	NVTR	0.22	0.60	0.10	4.8%	15.8%	15.8%	0.0%	5.8%	19.8%	22.1%	12.6%
<b>Railcar Manufacturing</b>												
Kryukiv Wagon	KVBZ	22.0	29.0	12.0	-2.0%	-3.3%	-6.5%	13.4%	-0.9%	0.7%	-0.3%	26.0%
Luhanskeplovoz	LTPL	1.52	2.20	1.28	0.0%	-1.9%	-5.0%	-18.7%	1.1%	2.1%	1.3%	-6.1%
Stakhanov Wagon	SVGZ	1.30	2.70	1.02	-1.5%	-3.0%	4.0%	-24.9%	-0.4%	1.0%	10.3%	-12.2%
<b>Specialized Machinery</b>												
Bogdan Motors	LUAZ	0.04	0.13	0.03	-3.8%	-1.3%	9.4%	-14.1%	-2.7%	2.7%	15.6%	-1.5%
Motor Sich	MSICH	1,610	2,640	1,399	-5.0%	-8.6%	-12.2%	-27.1%	-3.9%	-4.6%	-5.9%	-14.5%
Sumy Frunze Engineering	SMASH	2.25	4.00	0.76	0.0%	3.2%	-15.1%	50.0%	1.1%	7.2%	-8.8%	62.6%
Turboatom	TATM	n/a	5.00	1.88	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WESTA ISIC	WES	0.18	0.45	0.13	3.7%	-5.2%	-6.1%	-25.2%	4.8%	-1.1%	0.2%	-12.6%
<b>Telecom</b>												
Ukrtelecom	UTLM	0.16	0.30	0.09	-2.4%	10.3%	7.1%	3.1%	-1.3%	14.3%	13.3%	15.7%
<b>Oil &amp; Gas</b>												
Regal Petroleum	RPT	0.27	0.59	0.22	0.4%	-0.2%	11.3%	-50.5%	1.4%	3.8%	17.6%	-37.9%
JKX Oil	JKX	1.06	1.35	0.75	2.2%	-1.3%	11.4%	-11.0%	3.3%	2.7%	17.7%	1.6%
Ukrnafta	UNAF	108	280	80	-2.5%	-5.4%	-7.5%	-9.1%	-1.5%	-1.4%	-1.3%	3.5%
<b>Power Utilities</b>												
Centrenerg	CEEN	4.93	7.33	3.49	-1.4%	-4.0%	-5.4%	-22.3%	-0.3%	0.0%	0.8%	-9.7%
Donbasenergo	DOEN	22.7	26.8	15.1	-1.1%	-7.6%	-9.5%	7.1%	0.0%	-3.6%	-3.2%	19.7%
Zakhidenergo	ZAEN	83.0	116.9	70.0	0.0%	-2.4%	0.7%	-14.4%	1.1%	1.7%	7.0%	-1.8%
<b>Consumer</b>												
Agroton	AGT	0.74	4.2	0.36	0.1%	1.5%	20.5%	-77.3%	1.2%	5.5%	26.8%	-64.7%
Astarta	AST	20.9	24.4	14.5	0.2%	-8.8%	-8.2%	17.3%	1.2%	-4.8%	-2.0%	29.9%
Avangardo	AVGR	10.2	12.0	7.61	0.0%	1.0%	4.8%	-10.0%	1.1%	5.0%	11.1%	2.6%
Industrial Milk Company	IMC	4.57	5.48	3.63	-0.4%	-1.6%	-7.8%	-13.9%	0.7%	2.5%	-1.5%	-1.3%
Kernel	KER	15.0	22.6	14.0	2.0%	-2.3%	-7.7%	-31.0%	3.1%	1.7%	-1.5%	-18.3%
Mriya Agro Holding	MAYA	5.90	6.7	5.36	-0.1%	-1.3%	-1.5%	-9.1%	1.0%	2.7%	4.8%	3.5%
MHPC	MHPC	15.0	19.9	13.58	0.0%	-4.5%	-17.4%	-1.6%	1.1%	-0.5%	-11.1%	11.0%
Milkiland	MLK	3.56	5.8	3.11	-0.7%	-4.1%	-8.0%	-24.3%	0.3%	-0.1%	-1.8%	-11.7%
Ovostar Union	OVO	25.5	33.8	21.3	-1.9%	-7.2%	4.2%	-11.7%	-0.8%	-3.2%	10.5%	0.9%
Sintal	SNPS	n/a	0.72	0.19	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MCB Agricole	4GW1	n/a	0.66	0.39	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<b>Chemicals</b>												
Stirol	STIR	8.7	18.5	8.6	-4.2%	-4.0%	-17.4%	-35.3%	-3.1%	0.0%	-11.2%	-22.7%
<b>Banks</b>												
Raiffeisen Bank Aval	BAVL	0.095	0.128	0.061	-0.3%	-4.5%	-7.1%	10.6%	0.8%	-0.5%	-0.8%	23.2%
UkrSotsbank	USCB	0.130	0.200	0.107	1.3%	-0.3%	-3.2%	0.4%	2.4%	3.7%	3.1%	13.0%

Source: Bloomberg

\* companies listed abroad are in USD

**MAIN FINANCIAL FORECASTS, USD mn**

Name	Ticker	Net Sales			EBITDA			EBITDA margin			Net Profit			Net Profit margin		
		2011	2012E	2013E	2011	2012E	2013E	2011	2012E	2013E	2011	2012	2013E	2011	2012E	2013E
<b>Steel</b>																
Alchevsk Steel	ALMK	2,339	1,695	1,667	145	-21	-2	6.2%	neg	neg	36	-127	-52	1.6%	neg	neg
Enakievo Steel	ENMZ	1,716	1,578	1,577	-108	-84	-69	neg	neg	neg	31	9	-125	1.8%	0.5%	neg
Azovstal	AZST	3,867	2,794	2,788	-102	-173	-64	neg	neg	neg	-64	-333	-170	neg	neg	neg
<b>Coke</b>																
Avdyivka Coke	AVDK	1,457	1,072	1,054	6	-128	-74	0.4%	neg	neg	-32	-137	-97	neg	neg	neg
Yasynivsky Coking	YASK	566	444	448	29	29	28	5.1%	6.5%	6.2%	15	11	11	2.7%	2.4%	2.4%
<b>Iron Ore Mining</b>																
Centralny GOK	CGOK	805	566	508	497	238	202	61.8%	42.0%	39.8%	325	95	104	40.4%	16.8%	20.5%
Pivnichny GOK	SGOK	1,834	1,515	1,301	1,174	813	640	64.0%	53.6%	49.2%	783	436	359	42.7%	28.8%	27.6%
Ferrexpo	FXPO	1,788	1,424	1,566	801	402	445	44.8%	28.2%	28.4%	575	215	263	32.2%	15.1%	16.8%
<b>Coal Mining</b>																
Komsomolets Donbasa	SHKD	192	256	255	67	99	90	35.1%	38.8%	35.3%	15	39	35	8.0%	15.1%	13.7%
Coal Energy	CLE	151	165	199	51	62	64	33.7%	37.5%	32.1%	37	38	43	24.4%	23.2%	21.7%
<b>Pipe Manufacturing</b>																
Khartsyzk Pipe	HRTR	775	659	699	145	74	77	18.7%	11.3%	11.1%	98	34	34	12.7%	5.1%	4.9%
<b>Railcar Manufacturing</b>																
Luhanskteplovoz	LTPL	199	167	213	14	12	15	7.0%	7.4%	7.2%	9	7	8	4.5%	4.1%	3.8%
Kryukiv Wagon	KVBZ	770	887	643	118	134	93	15.3%	15.1%	14.4%	85	95	50	11.0%	10.7%	7.9%
Stakhanov Wagon	SVGZ	437	311	318	33	7	11	7.6%	2.3%	3.4%	20	1	3	4.6%	0.2%	0.9%
<b>Specialized Machinery</b>																
Turboatom	TATM	169	173	193	63	47	52	37.0%	27.3%	26.8%	53	38	42	31.5%	22.1%	21.7%
Motor Sich	MSICH	722	828	933	285	309	330	39.4%	37.4%	35.3%	168	247	270	23.2%	29.8%	28.9%
<b>Telecom</b>																
Ukrtelecom	UTLM	843	858	744	206	205	208	24.5%	23.8%	28.0%	-17	45	48	neg	5.3%	6.5%
<b>Oil &amp; Gas</b>																
Ukrnafta	UNAF	3,051	2,816	2,444	439	507	429	14.4%	18.0%	17.6%	272	312	226	8.9%	11.1%	9.2%
Regal Petroleum	RPT	19	50	80	-4	23	36	neg	45.9%	44.7%	6	12	24	33.7%	24.0%	30.0%
JKX Oil	JKX	237	225	250	114	145	150	48.3%	64.4%	60.2%	59	40	50	24.9%	17.8%	20.0%
<b>Electric Utilities</b>																
Centrenergo	CEEN	894	1,071	1,136	49	61	68	5.4%	5.7%	6.0%	4	29	33	0.5%	2.7%	2.9%
Donbasenergo	DOEN	495	600	665	21	17	24	4.2%	2.9%	3.6%	-3	4	10	neg	0.6%	1.5%
<b>Consumer</b>																
MHP	MHPC	1,229	1,408	1,532	401	468	523	32.6%	33.2%	34.1%	259	311	271	21.1%	22.1%	17.7%
Kernel	KER	1,899	2,157	2,800	310	322	339	16.3%	14.9%	12.1%	226	211	195	11.9%	9.8%	7.0%
Astarta	AST	402	458	549	144	98	121	29.9%	17.8%	18.3%	114	50	59	23.6%	9.1%	9.0%
Avangardco	AVGR	553	629	701	251	280	293	45.3%	44.5%	41.8%	196	228	232	35.5%	36.3%	33.1%
Agroton	AGT	122	93	107	19	31	33	15.3%	33.5%	31.0%	-2	19	21	neg	20.0%	19.5%
<b>Banks</b>																
		Total Assets			Total Equity			Total Income			Net Profit			Return on Equity		
Raiffeisen Bank Aval	BAVL	6,948	7,020	7,476	812	861	924	750	707	646	0	4	29	0.0%	0.5%	3.1%
Ukrspasbank	USCB	5,032	5,151	5,064	827	814	788	449	451	469	2	2	13	0.2%	0.3%	1.7%

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		
				2011	2012	2013E	2011	2012	2013E	2011	2012	2013E	2011	2012	2013E			
<b>Steel</b>																		
Alchevsk Steel	ALMK	118	3.9%	5	1,534	3.2	neg	neg	10.5	neg	neg	0.7	0.9	0.9	529	456	411	\$/tonne
Yenakievo Steel	ENMZ	44	8.8%	4	36	1.4	5.1	neg	neg	neg	neg	0.0	0.0	0.0	15	14	13	\$/tonne
Azovstal	AZST	323	4.1%	13	302	neg	neg	neg	neg	neg	neg	0.1	0.1	0.1	54	51	48	\$/tonne
<b>Coke</b>																		
Avdyivka Coke	AVDK	77	7.5%	6	74	neg	neg	neg	12.2	neg	neg	0.1	0.1	0.1	21	16	13	\$/tonne
Yasynivsky Coke	YASK	19	9.0%	2	48	1.3	1.7	1.7	1.7	1.7	1.7	0.1	0.1	0.1	1.7	1.7	1.7	\$/tonne
<b>Iron Ore Mining</b>																		
Centralny GOK	CGOK	863	0.5%	5	863	2.7	9.1	8.3	1.7	3.6	4.3	1.1	1.5	1.7				
Pivnichny GOK	SGOK	2,157	0.5%	12	2,282	2.8	4.9	6.0	1.9	2.8	3.6	1.2	1.5	1.8				
Ferrexpo	FXPO	1,621	24.0%	389	1,872	2.8	7.5	6.2	2.3	4.7	4.2	1.0	1.3	1.2				
<b>Coal Mining</b>																		
Komsomolets Donbasa	SHKD	25	5.4%	1	127	1.6	0.6	0.7	1.9	1.3	1.4	0.7	0.5	0.5	31	30	28	\$/tonne
Coal Energy	CLE	32	11.9%	4	57	0.9	0.8	0.7	1.1	0.9	0.9	0.4	0.3	0.3	1.1	0.9	0.9	\$/tonne
<b>Pipe Manufacturing</b>																		
Khartsyzk Pipe	HRTR	192	2.0%	4	234	2.0	5.7	5.6	1.6	3.2	3.0	0.3	0.4	0.3	372	617	586	\$/tonne
<b>Railcar Manufacturing</b>																		
LuganskTeplovoz	LTPL	41	24.0%	10	41	4.6	6.0	5.1	2.9	3.3	2.7	0.2	0.2	0.2				
Kruiiv Wagon	KVBZ	310	5.0%	16	313	3.7	3.3	6.1	2.7	2.3	3.4	0.4	0.4	0.5				
Stakhanov Wagon	SVGZ	36	8.0%	3	75	1.8	>30	12.6	2.3	10.5	6.9	0.2	0.2	0.2				
<b>Specialized Machinery</b>																		
Turboatom	TATM	182	5.8%	11	130	3.4	4.8	4.4	2.1	2.8	2.5	0.8	0.8	0.7				
Motor Sich	MSICH	412	24.0%	99	422	2.5	1.7	1.5	1.5	1.4	1.3	0.6	0.5	0.5				
<b>Telecom</b>																		
Ukrtelecom	UTLM	380	7.2%	27	716	neg	8.4	7.9	3.5	3.5	3.4	0.8	0.8	1.0				
<b>Oil &amp; Gas</b>																		
Ukrnafta	UNAF	719	3.0%	22	709	2.6	2.3	3.2	1.6	1.4	1.7	0.2	0.3	0.3	n/a	n/a	n/a	\$/boe
Regal Petroleum	RPT	86	49.0%	42	68	13.4	7.2	3.6	neg	3.0	1.9	3.6	1.4	0.9	n/a	n/a	n/a	\$/boe
JKX Oil & Gas	JKX	183	50.4%	92	291	3.1	4.6	3.7	2.5	2.0	1.9	1.2	1.3	1.2	77	53	40	\$/boe
<b>Electric Utilities</b>																		
CentrEnergO	CEEN	224	21.7%	49	307	>30	7.8	6.7	6.3	5.1	4.5	0.3	0.3	0.3	21	21	17	\$/MWh
DonbasEnergO	DOEN	66	14.2%	9	123	neg	17.3	6.5	5.9	7.1	5.2	0.2	0.2	0.2	15	14	14	\$/MWh
<b>Consumer</b>																		
MHP	MHPC	1,584	34.1%	540	2,629	6.1	5.1	5.8	6.6	5.6	5.0	2.1	1.9	1.7	8217	8217	8217	\$/tonne
Kernel	KER	1,102	61.8%	681	1,712	4.9	5.2	5.7	5.5	5.3	5.1	0.9	0.8	0.6				
Astarta	AST	524	31.0%	162	670	4.6	10.5	8.9	4.7	6.9	5.5	1.7	1.5	1.2	3399	2069	1718	\$/tonne
Avangardco	AVGR	651	22.5%	147	800	3.3	2.9	2.8	3.2	2.9	2.7	1.4	1.3	1.1	181	138	130	\$/mneegs
Agroton	AGT	16	44.6%	7	49	neg	0.9	0.8	2.6	1.6	1.5	0.4	0.5	0.5	0.4	n/a	n/a	\$/th/ha
<b>Banks</b>																		
Raiffeisen Bank Aval	BAVL	350	4.0%	14		>30	>30	12.3	0.4	0.4	0.4	0.05	0.05	0.05				
Ukrsotsbank	USCB	293	1.6%	5		>30	>30	21.8	0.4	0.4	0.4	0.06	0.06	0.06				

Source: Eavex Research

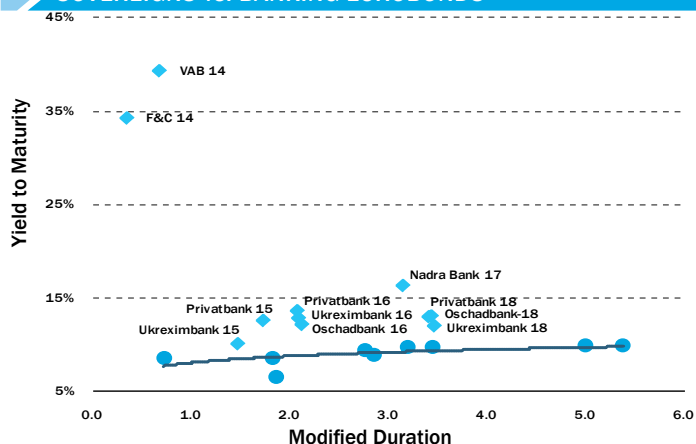
**UKRAINIAN EUROBONDS**

Issue	Price (Bid)	Price (Ask)	YTM (Bid)	YTM (Ask)	Price chg. (YTD)	Modified Duration	Coupon	Coupon Period	Maturity Date	Volume mn USD	Ratings <sup>1</sup>
<b>Sovereign Eurobonds</b>											
Ukraine, 2014	99.1	99.9	9.4%	8.2%	-2.3%	0.7	7.95%	S/A	6 Apr. 2014	1,000	B3/B/B
Naftogaz Ukraine, 2014	98.4	99.2	11.7%	10.8%	-4.1%	0.9	9.50%	S/A	30 Sept 2014	1,595	//B
Ukraine, 2015 (EUR)	96.5	97.5	6.9%	6.3%	-0.5%	1.8	4.95%	A	13 Oct 2015	600*	B3/B/B
Ukraine, 2015	97.0	97.4	8.6%	8.4%	-4.0%	1.8	6.875%	S/A	23 Sept 2015	500	B3/B/B
Ukraine, 2016	91.9	92.7	9.6%	9.3%	-7.6%	2.7	6.58%	S/A	21 Nov 2016	1,000	B3/B/B
Ukraine, 2016-2	92.5	93.1	9.0%	8.8%	-6.9%	2.8	6.25%	S/A	17 Jun 2016	1,250	B3/B/B
Ukraine, 2017	89.4	89.9	9.9%	9.8%	-9.6%	3.4	6.75%	S/A	14 Nov 2017	700	B3/B/B
Ukraine, 2017-2	97.9	98.4	9.9%	9.8%	-8.4%	3.2	9.25%	S/A	24 Jul 2017	2,000	B3/B/B
Ukraine, 2017 Infr. projects	89.9	91.5	11.8%	11.3%	-7.7%	3.3	8.375%	S/A	3 Nov 2017	568	B3//
Ukraine, 2018 Infr. projects	83.8	88.5	12.4%	10.9%	-7.2%	3.6	7.40%	S/A	20 Apr 2018	690	B3//
Ukraine, 2020	88.7	89.4	10.1%	9.9%	-13.5%	5.0	7.75%	S/A	23 Sept 2020	1,500	B3/B/B
Ukraine, 2021	89.3	90.0	10.0%	9.9%	-13.7%	5.4	7.95%	S/A	23 Feb 2021	1,500	B3/B/B
Ukraine, 2022	87.1	87.9	10.0%	9.8%	-13.3%	6.1	7.80%	S/A	28 Nov 2022	1,250	B3/B/B
Ukraine, 2023	85.7	86.3	9.8%	9.7%	-14.0%	6.3	7.50%	S/A	17 Apr 2023	1,250	B3/B/B
<b>Corporate Eurobonds</b>											
Agroton, 2014	65.1	73.9	78.5%	57.9%	n/a	0.6	12.50%	S/A	14 Jul 2014	50	/CCC/RD
MHP, 2015	103.9	105.3	7.9%	7.4%	-0.9%	1.5	10.25%	S/A	29 Apr 2015	585	B3//B
MHP, 2020	88.7	90.0	10.7%	10.4%	-10.7%	4.7	8.25%	S/A	2 Apr 2020	750	/B/B
Avangardco, 2015	101.1	103.0	9.6%	8.6%	6.6%	1.8	10.00%	S/A	29 Oct 2015	200	//B
UkrLandFarming, 2018	94.9	96.8	12.4%	11.8%	-4.2%	3.3	10.88%	S/A	26 Mar 2018	275	/B-/B-
Mriya, 2016	103.3	105.0	9.7%	8.9%	1.1%	2.1	10.95%	S/A	30 Mar 2016	250	/B/B
DTEK, 2015	101.9	103.3	8.4%	7.5%	1.4%	1.5	9.50%	S/A	28 Apr 2015	500	B3//B
DTEK, 2018	92.8	94.5	9.9%	9.4%	-6.3%	3.6	7.88%	S/A	4 Apr 2018	750	B3//B
Metinvest, 2015	104.1	105.1	7.8%	7.1%	0.8%	1.5	10.25%	S/A	20 May 2015	500	B3//B
Metinvest, 2018	94.4	95.7	10.4%	10.0%	-1.9%	3.5	8.75%	S/A	14 Feb 2018	750	B3//B
Ferrexpo, 2016	94.7	95.8	10.4%	9.8%	-2.2%	2.2	7.875%	S/A	07 Apr 2016	500	/B/B
UZ Rail, 2018	89.1	90.9	12.6%	12.1%	-10.0%	3.5	9.50%	S/A	21 May 2018	500	/B/B-
Interpipe, 2017	77.0	80.1	19.0%	17.3%	-3.8%	2.9	10.25%	S/A	2 Aug 2017	200	/NR/B-
JKX Oil&Gas, 2018	104.1	106.1	9.8%	9.3%	5.1%	3.7	8.00%	S/A	19 Feb 2018	40	//
<b>Bank Eurobonds</b>											
Fin&Credit Bank, 2014	91.0	94.0	41.3%	30.3%	54.2%	0.3	10.50%	S/A	25 Jan 2014	100	Caa1//
PUMB, 2014	101.0	102.5	10.8%	9.5%	0.8%	1.2	11.00%	Q	31 Dec 2014	275	B//
Nadra Bank, 2017	84.0	89.7	18.4%	14.3%	-3.8%	3.1	8.00%	A	22 Jun 2017	175	//
PrivatBank, 2015	94.1	95.8	13.1%	12.1%	0.2%	1.7	9.38%	S/A	23 Sept 2015	200	B3//
PrivatBank, 2016	82.1	85.2	14.9%	13.2%	8.3%	2.1	8.75%	S/A	9 Feb 2016	150	B3//
PrivatBank, 2018	92.5	94.6	13.1%	12.5%	-6.4%	3.4	10.88%	S/A	28 Feb 2018	175	B3//B
UkrEximBank, 2015	96.8	98.0	10.8%	9.9%	-2.5%	1.5	8.38%	S/A	27 Apr 2015	750	B3//B
UkrEximBank, 2016	85.3	87.2	13.3%	12.3%	2.3%	2.1	8.40%	S/A	2 Sept 2016	125	B3//B
UkrEximBank, 2018	88.2	89.7	12.3%	11.8%	-11.0%	3.4	8.75%	S/A	22 Jan 2018	500	B3//B
VAB Bank, 2014	82.5	84.5	42.4%	38.2%	54.6%	0.7	10.50%	Q	14 Jun 2014	125	Caa1//WD
Oschadbank, 2016	90.8	92.2	13.0%	12.2%	-3.8%	2.1	8.25%	S/A	10 Mar 2016	700	B3//B
Oschadbank, 2018	84.3	85.8	13.7%	13.1%	-14.9%	3.4	8.88%	S/A	20 Mar 2018	500	B3//B
<b>Municipal Eurobonds</b>											
City of Kyiv, 2015	93.8	95.3	11.5%	10.6%	1.1%	1.9	8.00%	S/A	6 Nov 2015	250	B3/B-/
City of Kyiv, 2016	94.1	95.0	11.9%	11.5%	1.1%	2.4	9.375%	S/A	30 Jun 2016	300	B3/B-/

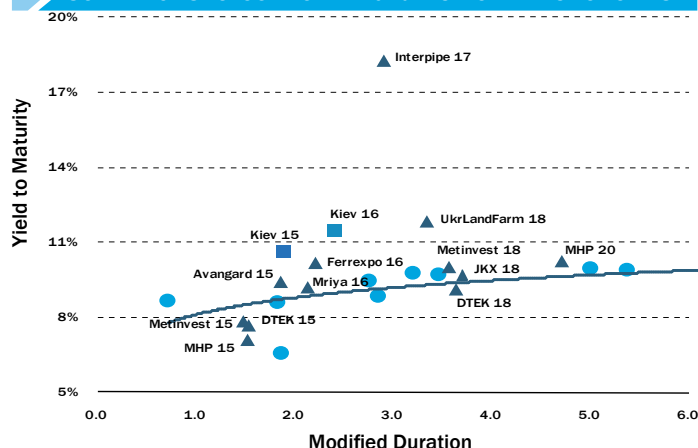
<sup>1</sup> Moody's/S&P/Fitch; \* EUR

Source: Bloomberg, Cbonds, Eavex Research

**SOVEREIGNS vs. BANKING EUROBONDS**



**SOVEREIGNS vs. CORPORATE and MUNICIPAL EUROBONDS**

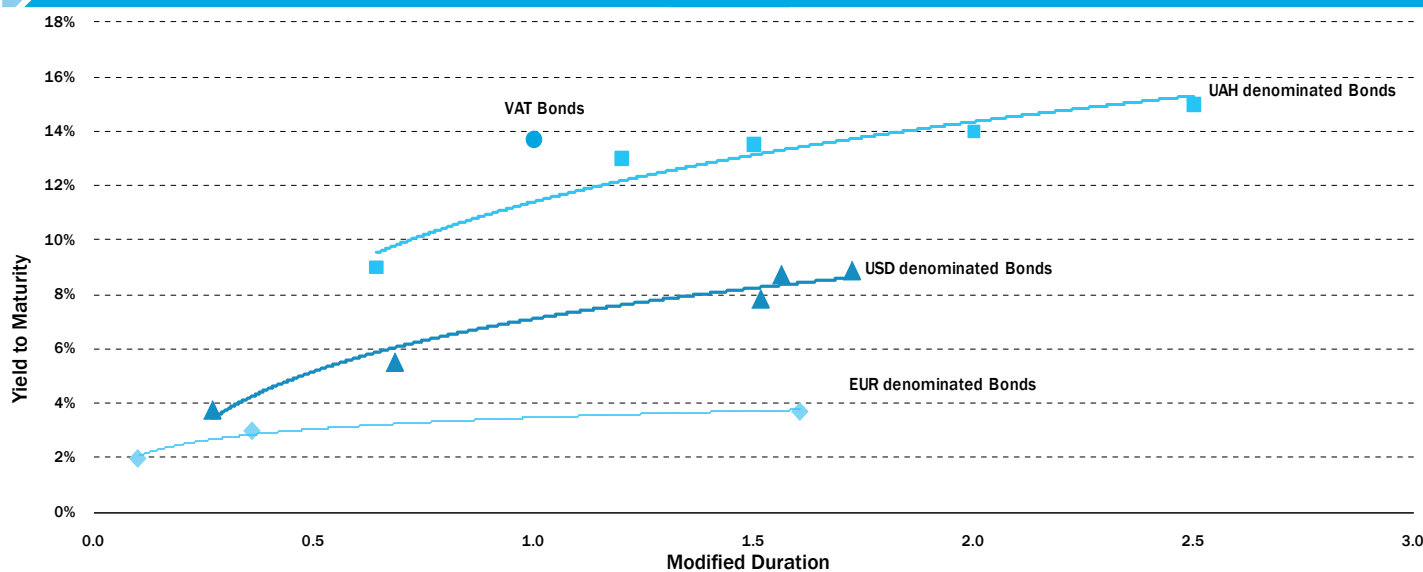


**UKRAINIAN DOMESTIC BONDS**

Issue	Price (Bid)	Price (Ask)	YTM (Bid)	YTM (Ask)	Modified Duration	Coupon	Coupon Period	Maturity Date	Volume mn USD
<b>UAH denominated Bonds</b>									
UA4000115117			12.5%	10.8%	n/a	10.75%	S/A	26 Mar 2014	187
UA4000141592			14.5%	13.0%	1.5	14.30%	S/A	20 May 2015	31
UA4000142665			18.0%	16.0%	2.0	14.30%	S/A	24 May 2017	184
<b>USD denominated Bonds</b>									
UA4000138002	100.9	101.0	6.0%	4.5%	0.4	9.30%	S/A	27 Nov 2013	86
UA4000140362	101.6	102.1	8.2%	7.0%	0.9	9.20%	S/A	21 May 2014	171
UA4000142699	101.3	103.0	9.1%	8.0%	1.7	9.45%	S/A	22 Apr 2015	312
UA4000141071	102.5	103.5	9.1%	8.0%	1.7	9.45%	S/A	27 May 2015	152
UA4000142673	93.4	94.4	9.2%	8.2%	1.9	4.50%	S/A	17 Jun 2015	175
<b>EUR denominated Bonds</b>									
UA4000137731	100.6	100.8	5.1%	4.9%	0.3	4.80%	S/A	18 Sept 2013	205
UA4000138846	101.0	101.3	5.0%	4.9%	0.5	4.80%	S/A	25 Dec 2013	70
UA4000142681	102.5	102.6	5.4%	5.3%	1.8	4.80%	S/A	6 May 2015	40
<b>VAT Bonds</b>									
UA4000082531			14.5%	13.0%	n/a	5.50%	S/A	21 Aug 2015	141
UA4000082622			14.5%	13.0%	n/a	5.50%	S/A	24 Aug 2015	571
UA4000083059			14.5%	13.0%	n/a	5.50%	S/A	25 Aug 2015	415

Source: Bloomberg, Cbonds, Eavex Research

**DOMESTIC BONDS YIELD CURVE**



Source: Bloomberg, Cbonds, Eavex Research



## Eavex Capital

Evropa Plaza  
33 Shevchenko Blvd.  
Floor 11  
Kyiv, Ukraine, 01032

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 & Fixed Income**

a.klymchuk@eavex.com.ua

Eugene Klymchuk

**Fixed Income Sales & Trading**

e.klymchuk@eavex.com.ua

Artem Mateshko

**Equity Trading**

a.mateshko@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

### INVESTMENT BANKING

Anatoliy Zaslavchik

**Managing Director**

**Corporate Finance & IB**

a.zaslavchik@eavex.com.ua