

Market Update

Equity

After opening down more than 1%, Ukraine's equity benchmark moved steadily higher throughout Thursday's (Jun 13) session to finish with a small gain. The local market mirrored the pattern seen in Frankfurt and Paris, where equity indices ended with moderate losses after starting the day more than 2% in the hole on concerns about Japan's massive overnight selloff. Better-than-expected retail sales numbers from the US released in the afternoon helped maintain the positive trend. The UX index edged up 0.3%, closing at 853 points. The top blue chips were mixed; Azovstal and DonbasEnergO both added 1.7%, with the latter reaching a 4-month high of UAH 21.90, while Motor Sich and Alchevsk Steel fell by 0.7% and 0.9% respectively on combined turnover of UAH 8.0mn. In London, JKK Oil&Gas lost 3.6% to hit another fresh 8-year low near GBp 53 after a Financial Times article highlighting the antagonistic relationship between Privat Group and other shareholders in the company.

Fixed Income

Quotes for Ukrainian sovereign Eurobonds climbed yesterday with 10-year papers rising 0.6 p.p. to 91.9/92.9 (8.7%/8.6%). Ukraine-21s added 2.4 p.p. to close at 96.4/97.4 (8.6%/8.4%). Corporate debt papers were mixed, MHP-20s declined 0.9 p.p. to 93.9/95.4 (9.5%/9.2%) while DTEK-18s rose 1.2 p.p. to 97.5/98.0 (8.5%/8.4%).

Volume Leaders	Ticker	Last, UAH	1D ch	Volume, UAH mn	Number of Trades
Motor Sich	MSICH	1985.00	-0.8%	6.7	168
Enakievo Steel	ENMZ	35.60	0.1%	1.5	55
Alchevsk Steel	ALMK	0.043	-0.9%	1.3	192

Growth Leaders

Stirol	STIR	12.88	4.3%	0.00	7
Yasynivsky Coke	YASK	0.59	2.1%	0.08	11
Ukrsotsbank	USCB	0.12	1.8%	0.26	80

Loss Leaders

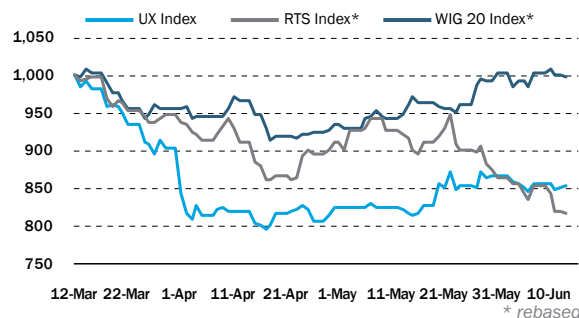
Mostobud	MTBD	14.00	-13.0%	0.00	25
Ukrtelecom	UTLM	0.15	-6.3%	0.00	8
Mariupol Ilyicha	MMKI	0.16	-5.4%	0.01	8

Highlights

FIXED INCOME

- Metinvest's EBITDA Slips 14% YoY to USD 460mn in 1Q13

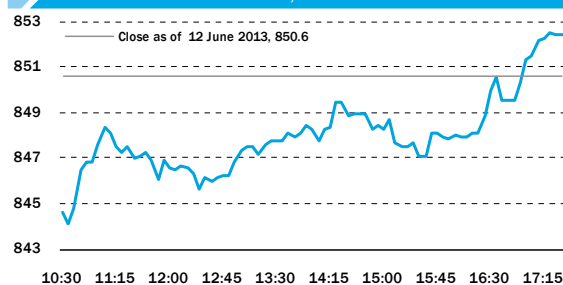
STOCK MARKET PERFORMANCE



MARKET INDEXES

	Last	1D ch	1M ch	YTD
UX	853.1	0.3%	3.8%	-10.2%
RTS	1261.6	-0.2%	-11.3%	-17.4%
WIG20	2472.8	-0.4%	5.0%	-4.3%
MSCI EM	943.6	-1.1%	-9.4%	-10.6%
S&P 500	1636.4	1.5%	0.2%	16.7%

UX INTRADAY JUNE 13, 2013



FIXED INCOME

	Last	1D ch	1M ch	YTD
EMBI+Global	334.2	-2.8%	20.0%	23.3%
CDS 5Y UKR	725.3	-1.7%	24.7%	16.0%
Ukraine-17	8.1%	0.0 p.p.	1.4 p.p.	1.2 p.p.
Naftogaz Ukr-14	9.0%	0.0 p.p.	2.9 p.p.	1.4 p.p.
Ukraine-23	8.7%	-0.1 p.p.	1.1 p.p.	1.2 p.p.
Privatbank-16	14.0%	0.2 p.p.	1.2 p.p.	-1.3 p.p.

CURRENCY

	Last, UAH	1D ch	1M ch	YTD
USD	8.15	0.1%	0.2%	1.3%
EUR	10.90	0.4%	3.3%	2.0%
RUB	0.26	1.0%	-1.7%	-3.7%

COMMODITIES

	Last	1D ch	1M ch	YTD
Wheat, USD/t*	305.5	0.0%	-6.1%	-12.3%
Steel, USD/t	517.5	0.0%	-4.2%	-2.8%
Oil, USD/bbl	105.0	1.3%	2.4%	-2.0%
Gold, USD/oz	1386.0	-0.2%	-3.1%	-16.3%

*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

**Metinvest's EBITDA Slips 14%
YoY to USD 460mn in 1Q13**

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NEWS

Metinvest, Ukraine's largest steel and mining group, reported a drop in its EBITDA by 14% YoY to USD 460mn in 1Q13 in a trading update released on Thursday (Jun 13). The company said group-wide revenue declined by 3% YoY to USD 3.13bn in the quarter. In a segment breakdown, Metinvest's metallurgical division revenues were unchanged YoY at USD 2.27bn in 1Q13 despite weaker steel prices in the period. The group sold 3.79mn tonnes (+21% YoY) of steel and coke products in 1Q13. The mining division brought in USD 861mn (-9% YoY) in revenue, with 8.30mn tonnes (+6% YoY) of iron ore and coal products sold in the period. Metinvest did not unveil its first-quarter bottom line in the update.

METINVEST REVENUE BY SEGMENT, USD mn			
Segment	1Q13	1Q12	Change YoY
Metallurgical division	2,273	2,269	0%
Semi-finished products	324	354	-8%
Finished products	1,436	1,754	-18%
Other steel and coke products	513	161	219%
Mining division	861	950	-9%
Iron ore products	715	706	1%
Coal products	146	244	-40%
Total:	3,134	3,219	-3%

Source: Companies' data

On the balance sheet side, Metinvest's total loans and borrowings amounted to USD 3.74bn as of 31 Mar 2013, including short-term borrowings of USD 1.28bn (34% of the total amount). We estimate the company's Net debt to EBITDA ratio at 1.9x (based on Apr 2012-Mar 2013 12-month EBITDA).

COMMENTARY

The drop in Metinvest's 1Q top line could have been substantially sharper than the reported 3% if the group had not obtained additional revenue from trading operations of steel products produced by Zaporizhstal, in which Metinvest owns a 49% stake. Trading operations in steel products from Zaporizhstal brought in USD 374mn, or about 12% of total revenue, during the quarter. Overall, 1Q13 failed to meet expectations of a notable improvement in steel demand on export markets. Along with troubles on the demand side, excess global supply has also been negatively affecting the Ukrainian steel sector. With poor demand recovery in China and steel inventories at their highest level in four years, Chinese steel mills are now exporting part of their output, thereby taking orders away from Ukrainian steel producers in Europe and the Middle East.

Metinvest-18 outstanding bonds are currently quoted at 9.7%/9.3% YTM, implying a spread to sovereigns 110 basis points.

EAVEX RECOMMENDATIONS

Name	Ticker	Price, USD per share	Target price, USD per share	Upside, %	Rating	Commentary
Steel&Pipes						
Azovstal	AZST	0.08	0.07	-10%	SELL	Non-transparent reporting practices detrimentally affect Azovstal's reported earnings.
Iron Ore						
Ferrexpo	FXPO LN	2.30	3.33	45%	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	0.95	1.77	87%	BUY	Secure demand for Pivnichny GOK's iron ore products and lucrative ore 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	0.81	1.30	60%	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.
Coke						
Avdyivka Coke	AVDK	0.40	0.76	90%	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	478%	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.
Coal						
Pokrovske Mine	SHCHZ	0.06	0.36	486%	BUY	We expect Pokrovske Mine to double its coking coal extraction to 9.5mn tonnes over 2010-15.
Railcar Manufacturing						
Krukiv Wagon	KVBZ	2.84	6.18	118%	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	0.20	0.64	226%	BUY	LuganskTeplovoz's incorporation into TransMashHolding should help it to exploit its already-dominant position on the Russian market for diesel locomotives.
Specialized Machinery						
Motor Sich	MSICH	244	644	164%	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	0.44	1.09	148%	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	0.018	0.030	63%	BUY	Galnaftogaz is pursuing a plan to aggressively expand its filling station network.
Regal Petroleum	RPT	0.31	1.52	390%	BUY	We assume that Regal will be able to produce 5,200 boepd in 2014, generating USD 116mn in sales.
JKX Oil & Gas	JKX	0.8	6.0	621%	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.
Power Utilities						
DonbasEnergO	DOEN	2.69	8.90	231%	BUY	DonbasEnergO is Ukraine's next big-ticket privatization object, with an auction expected to be announced in summer 2013.
CenterEnergO	CEEN	0.55	1.84	233%	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	18.5	24.0	30%	BUY	MHP launched production at Phase 1 of its new Vinnitsya 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	20.56	30.0	46%	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	9.20	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	853.13	1203.21	758.71	0.3%	0.7%	3.8%	-10.2%	0.0%	0.0%	0.0%	0.0%
Steel												
Alchevsk Steel	ALMK	0.043	0.07	0.04	-0.9%	-0.5%	-2.3%	-20.4%	-1.2%	-1.2%	-6.1%	-10.2%
Azovstal	AZST	0.62	1.19	0.56	1.6%	1.8%	7.1%	-16.5%	1.4%	1.1%	3.4%	-6.3%
Dniprospezstal	DNSS	845	1,391	700	0.0%	0.0%	20.7%	-15.4%	-0.3%	-0.7%	16.9%	-5.2%
Enakievo Steel	ENMZ	35.6	48.9	30.6	0.1%	1.9%	8.9%	-6.3%	-0.2%	1.2%	5.1%	3.9%
Arcelor Mittal KR	KSTL	1.20	6.00	1.20	0.0%	0.0%	0.0%	n/a	-0.3%	-0.7%	-3.8%	n/a
Mariupol Ilyicha	MMKI	0.16	0.32	0.13	-5.9%	-5.9%	-11.1%	-27.3%	-6.2%	-6.6%	-14.9%	-17.0%
Coke												
Avdivka Coke	AVDK	3.27	4.15	2.40	1.6%	2.3%	6.9%	-0.1%	1.3%	1.6%	3.1%	10.2%
Yasnyivsky Coking	YASK	0.59	1.16	0.52	1.7%	1.7%	3.5%	-11.9%	1.4%	1.0%	-0.3%	-1.7%
Iron Ore Mining												
Centralny GOK	CGOK	6.60	7.74	4.00	1.5%	-1.5%	3.3%	-4.3%	1.2%	-2.2%	-0.5%	5.9%
Ferrexpo	FXPO	2.30	4.58	2.23	1.1%	-7.7%	-21.2%	-42.9%	0.8%	-8.4%	-25.0%	-32.7%
Pivnichny GOK	SGOK	7.70	11.19	5.77	0.0%	0.0%	16.7%	3.5%	-0.3%	-0.7%	12.9%	13.7%
Coal Mining												
Pokrovske Mine	SHCHZ	0.50	1.30	0.40	-3.8%	-2.0%	-9.1%	-20.6%	-4.1%	-2.7%	-12.9%	-10.4%
Komsomolets Donbasa	SHKD	0.91	2.00	0.65	12.3%	0.0%	-9.0%	-22.9%	12.0%	-0.7%	-12.8%	-12.6%
Energy Coal	CLE	1.12	5.77	0.85	-1.2%	1.4%	-18.8%	-63.6%	-1.5%	0.7%	-22.5%	-53.4%
Mining Machinery												
Svitlo Shakhtara	HMBZ	0.51	0.58	0.003	0.0%	0.0%	27.5%	-12.1%	-0.3%	-0.7%	23.7%	-1.8%
Pipe Manufacturing												
Khartsyzk Pipe	HRTR	0.59	1.29	0.45	-3.3%	9.3%	13.5%	-15.7%	-3.6%	8.6%	9.7%	-5.5%
Interpipe NMPP	NVTR	0.22	0.60	0.10	0.0%	22.2%	29.4%	0.0%	-0.3%	21.5%	25.6%	10.2%
Railcar Manufacturing												
Kryukiv Wagon	KVBZ	23.1	25.9	16.0	0.4%	-3.5%	-3.8%	19.1%	0.1%	-4.2%	-7.5%	29.3%
Luhanskeplovoz	LTPL	1.60	2.20	1.28	-3.0%	0.0%	-7.0%	-14.4%	-3.3%	-0.7%	-10.7%	-4.2%
Stakhanov Wagon	SVGZ	1.32	3.15	1.26	0.8%	-5.7%	-5.0%	-23.7%	0.5%	-6.4%	-8.8%	-13.4%
Specialized Machinery												
Bogdan Motors	LUAZ	0.05	0.22	0.03	0.0%	0.0%	6.1%	1.6%	-0.3%	-0.7%	2.3%	11.8%
Motor Sich	MSICH	1,985	2,640	1,753	-0.7%	-1.7%	-0.3%	-10.2%	-1.0%	-2.4%	-4.1%	0.1%
Sumy Frunze Engineering	SMASH	2.77	4.00	0.76	0.0%	-12.1%	-7.7%	84.7%	-0.3%	-12.8%	-11.4%	94.9%
Turboatom	TATM	3.20	3.60	1.88	0.0%	0.0%	0.0%	n/a	-0.3%	-0.7%	-3.8%	n/a
WESTA ISIC	WES	0.19	0.45	0.13	-6.8%	-6.5%	8.5%	-21.1%	-7.1%	-7.2%	4.8%	-10.8%
Telecom												
Ukrtelecom	UTLM	0.15	0.33	0.12	-6.3%	-7.5%	13.5%	-4.9%	-6.6%	-8.2%	9.7%	5.4%
Oil & Gas												
Regal Petroleum	RPT	0.31	0.59	0.21	0.0%	-8.8%	-11.9%	-42.8%	-0.3%	-9.5%	-15.7%	-32.5%
JKX Oil	JKX	0.83	1.89	0.83	-4.0%	-9.4%	-19.4%	-30.5%	-4.3%	-10.1%	-23.2%	-20.2%
Ukrnafta	UNAF	113	280	80	-0.8%	-1.6%	-1.0%	-4.4%	-1.1%	-2.3%	-4.8%	5.9%
Power Utilities												
Centrenerg	CEEN	4.50	7.33	3.76	-0.2%	2.6%	10.2%	-29.1%	-0.5%	1.9%	6.5%	-18.9%
Donbasenergo	DOEN	21.9	24.8	15.1	1.7%	5.1%	8.5%	3.4%	1.4%	4.4%	4.7%	13.6%
Zakhidenergo	ZAEN	78.0	127.9	70.2	1.3%	3.0%	-4.3%	-19.6%	1.0%	2.3%	-8.1%	-9.3%
Consumer												
Agroton	AGT	0.88	4.2	0.36	4.0%	5.1%	7.9%	-73.0%	3.7%	4.4%	4.2%	-62.8%
Astarta	AST	20.5	22.1	14.5	0.6%	5.1%	19.9%	15.1%	0.3%	4.4%	16.2%	25.3%
Avangardo	AVGR	9.2	12.0	7.61	-4.7%	-5.2%	3.4%	-18.8%	-5.0%	-5.9%	-0.4%	-8.5%
Industrial Milk Company	IMC	4.39	5.48	2.78	-2.9%	19.0%	6.5%	-17.2%	-3.2%	18.3%	2.7%	-7.0%
Kernel	KER	16.9	23.0	15.7	-0.9%	1.0%	-6.6%	-22.0%	-1.2%	0.3%	-10.3%	-11.7%
Mriya Agro Holding	MAYA	5.66	6.7	5.04	-0.1%	0.6%	0.6%	-12.8%	-0.4%	-0.1%	-3.1%	-2.6%
MHPC	MHPC	18.5	19.9	10.48	-0.3%	-0.3%	0.3%	21.0%	-0.6%	-1.0%	-3.4%	31.2%
Milkiland	MLK	3.79	5.8	3.11	1.0%	9.7%	-1.8%	-19.4%	0.7%	9.0%	-5.6%	-9.2%
Ovostar Union	OVO	26.9	33.8	23.7	-1.3%	2.5%	-2.2%	-7.0%	-1.6%	1.8%	-5.9%	3.2%
Sintal	SNPS	n/a	1.26	0.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MCB Agricole	4GW1	n/a	0.69	0.22	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Chemicals												
Stirol	STIR	12.9	20.9	10.3	4.3%	8.2%	15.0%	-3.9%	4.0%	7.5%	11.2%	6.4%
Banks												
Raiffeisen Bank Aval	BAVL	0.100	0.128	0.061	0.0%	-1.8%	-1.7%	16.3%	-0.3%	-2.5%	-5.4%	26.6%
UkrSotsbank	USCB	0.119	0.200	0.107	1.8%	-0.4%	-0.6%	-8.1%	1.5%	-1.1%	-4.4%	2.1%

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
Steel																
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
Coke																
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%
Iron Ore Mining																
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%
Coal Mining																
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%
Pipe Manufacturing																
Khartsyzk Pipe	HRTR	775	659	699	145	74	77	18.7%	11.3%	11.1%	98	34	34	12.7%	5.1%	4.9%
Railcar Manufacturing																
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%
Specialized Machinery																
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%
Telecom																
Ukrtelecom	UTLM	843	858	744	206	205	208	24.5%	23.8%	28.0%	-17	45	48	neg	5.3%	6.5%
Oil & Gas																
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%
Electric Utilities																
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%
Consumer																
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%
Banks																
		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			
Steel																		
Alchevsk Steel	ALMK	134	3.9%	5	1,550	3.7	neg	neg	10.7	neg	neg	0.7	0.9	0.9	534	461	415	\$/tonne
Yenakievo Steel	ENMZ	46	8.8%	4	39	1.5	5.4	neg	neg	neg	neg	0.0	0.0	0.0	15	15	14	\$/tonne
Azovstal	AZST	318	4.1%	13	297	neg	neg	neg	neg	neg	neg	0.1	0.1	0.1	53	50	48	\$/tonne
Coke																		
Avdyivka Coke	AVDK	78	7.5%	6	76	neg	neg	neg	12.4	neg	neg	0.1	0.1	0.1	22	16	14	\$/tonne
Yasynivsky Coke	YASK	20	9.0%	2	49	1.3	1.8	1.8	1.7	1.7	1.8	0.1	0.1	0.1	1.7	1.7	1.8	\$/tonne
Iron Ore Mining																		
Centralny GOK	CGOK	949	0.5%	5	948	2.9	10.0	9.1	1.9	4.0	4.7	1.2	1.7	1.9				
Pivnichny GOK	SGOK	2,177	0.5%	12	2,301	2.8	5.0	6.1	2.0	2.8	3.6	1.3	1.5	1.8				
Ferrexpo	FXPO	1,352	24.0%	325	1,603	2.4	6.3	5.1	2.0	4.0	3.6	0.9	1.1	1.0				
Coal Mining																		
Komsomolets Donbasa	SHKD	37	5.4%	2	139	2.4	1.0	1.1	2.1	1.4	1.6	0.7	0.5	0.5	34	33	31	\$/tonne
Coal Energy	CLE	51	11.9%	6	76	1.4	1.3	1.2	1.5	1.2	1.2	0.5	0.5	0.4	1.5	1.2	1.2	\$/tonne
Pipe Manufacturing																		
Khartsyzk Pipe	HRTR	188	2.0%	4	231	1.9	5.6	5.5	1.6	3.1	3.0	0.3	0.4	0.3	366	607	577	\$/tonne
Railcar Manufacturing																		
LuganskTeplovoz	LTPL	43	24.0%	10	43	4.8	6.2	5.3	3.1	3.5	2.8	0.2	0.3	0.2				
Kruiiv Wagon	KVBZ	325	5.0%	16	327	3.8	3.4	6.4	2.8	2.4	3.5	0.4	0.4	0.5				
Stakhanov Wagon	SVGZ	37	8.0%	3	76	1.8	>30	12.8	2.3	10.6	6.9	0.2	0.2	0.2				
Specialized Machinery																		
Turboatom	TATM	181	5.8%	10	129	3.4	4.8	4.3	2.1	2.7	2.5	0.8	0.7	0.7				
Motor Sich	MSICH	506	24.0%	121	516	3.0	2.1	1.9	1.8	1.7	1.6	0.7	0.6	0.6				
Telecom																		
Ukrtelecom	UTLM	350	7.2%	25	686	neg	7.7	7.3	3.3	3.4	3.3	0.8	0.8	0.9				
Oil & Gas																		
Ukrnafta	UNAF	754	3.0%	23	744	2.8	2.4	3.3	1.7	1.5	1.7	0.2	0.3	0.3	n/a	n/a	n/a	\$/boe
Regal Petroleum	RPT	99	49.0%	49	82	15.5	8.3	4.1	neg	3.6	2.3	4.3	1.6	1.0	n/a	n/a	n/a	\$/boe
JKX Oil & Gas	JKX	143	50.4%	72	251	2.4	3.6	2.9	2.2	1.7	1.7	1.1	1.1	1.0	66	46	34	\$/boe
Electric Utilities																		
CentrEnergO	CEEN	204	21.7%	44	287	>30	7.1	6.1	5.9	4.7	4.2	0.3	0.3	0.3	20	20	16	\$/MWh
DonbasEnergO	DOEN	64	14.2%	9	120	neg	16.6	6.3	5.8	7.0	5.0	0.2	0.2	0.2	15	14	14	\$/MWh
Consumer																		
MHP	MHPC	1,949	34.1%	665	2,994	7.5	6.3	7.2	7.5	6.4	5.7	2.4	2.1	2.0	9356	9356	9356	\$/tonne
Kernel	KER	1,245	61.8%	769	1,855	5.5	5.9	6.4	6.0	5.8	5.5	1.0	0.9	0.7				
Astarta	AST	513	31.0%	159	660	4.5	10.3	8.7	4.6	6.8	5.5	1.6	1.4	1.2	3347	2038	1692	\$/tonne
Avangardco	AVGR	588	22.5%	132	736	3.0	2.6	2.5	2.9	2.6	2.5	1.3	1.2	1.0	166	127	119	\$/mneegs
Agroton	AGT	19	44.6%	8	52	neg	1.0	0.9	2.8	1.7	1.6	0.4	0.6	0.5	0.4	n/a	n/a	\$/th/ha
Banks																		
Raiffeisen Bank Aval	BAVL	367	4.0%	15		>30	>30	12.9	0.5	0.4	0.4	0.05	0.05	0.05				
Ukrsotsbank	USCB	268	1.6%	4		>30	>30	21.8	0.3	0.3	0.3	0.06	0.06	0.06				

Source: Eavex Research

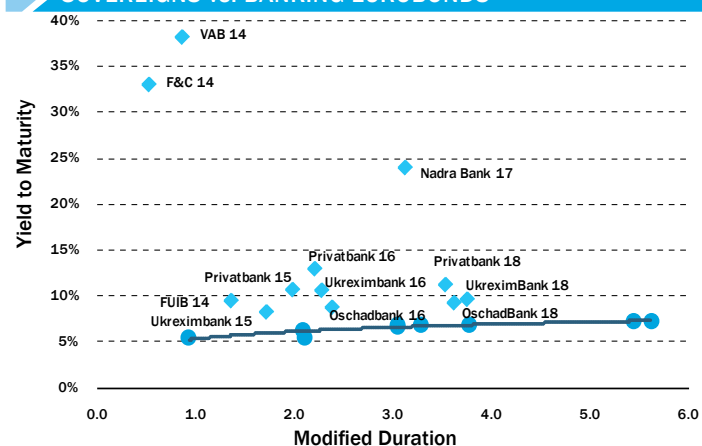
UKRAINIAN EUROBONDS

Issue	Price (Bid)	Price (Ask)	YTM (Bid)	YTM (Ask)	Price chg. (YTD)	Modified Duration	Coupon	Coupon Period	Maturity Date	Volume mn USD	Ratings ¹
Sovereign Eurobonds											
Ukraine, 2014	100.6	101.3	7.3%	6.6%	-0.9%	0.9	7.95%	S/A	6 Apr. 2014	1,000	B3/B/B
Naftogaz Ukraine, 2014	100.6	101.4	9.2%	8.5%	-2.0%	1.2	9.50%	S/A	30 Sept 2014	1,595	//B
Ukraine, 2015 (EUR)	97.0	98.5	6.4%	5.7%	0.3%	2.1	4.95%	A	13 Oct 2015	600*	B3/B/B
Ukraine, 2015	98.5	99.5	7.6%	7.2%	-2.2%	2.0	6.875%	S/A	23 Sept 2015	500	B3/B/B
Ukraine, 2016	96.0	96.8	7.9%	7.7%	-3.5%	3.0	6.58%	S/A	21 Nov 2016	1,000	B3/B/B
Ukraine, 2016-2	95.8	96.5	7.7%	7.4%	-3.5%	3.0	6.25%	S/A	17 Jun 2016	1,250	B3/B/B
Ukraine, 2017	94.5	95.5	8.3%	8.0%	-4.3%	3.7	6.75%	S/A	14 Nov 2017	700	B3/B/B
Ukraine, 2017-2	104.8	105.3	7.9%	7.7%	-2.0%	3.2	9.25%	S/A	24 Jul 2017	2,000	B3/B/B
Ukraine, 2017 Infr. projects	95.0	96.5	10.0%	9.5%	-2.5%	3.5	8.375%	S/A	3 Nov 2017	568	B3//
Ukraine, 2018 Infr. projects	92.8	94.5	9.4%	8.9%	0.9%	3.9	7.40%	S/A	20 Apr 2018	690	B3//
Ukraine, 2020	96.0	97.0	8.5%	8.3%	-6.3%	5.3	7.75%	S/A	23 Sept 2020	1,500	B3/B/B
Ukraine, 2021	97.0	98.0	8.5%	8.3%	-6.1%	5.5	7.95%	S/A	23 Feb 2021	1,500	B3/B/B
Ukraine, 2022	94.4	95.4	8.7%	8.5%	-5.9%	6.4	7.80%	S/A	28 Nov 2022	1,250	B3/B/B
Ukraine, 2023	92.8	93.7	8.6%	8.5%	-6.7%	6.7	7.50%	S/A	17 Apr 2023	1,250	B3/B/B
Corporate Eurobonds											
Agroton, 2014	73.0	79.8	46.9%	36.7%	n/a	0.8	12.50%	S/A	14 Jul 2014	50	/CCC/CCC
MHP, 2015	103.9	105.3	8.0%	7.6%	-0.8%	1.7	10.25%	S/A	29 Apr 2015	585	B3//B
MHP, 2020	96.1	97.2	9.0%	8.8%	-3.4%	5.0	8.25%	S/A	2 Apr 2020	750	/B/B
Avangardco, 2015	101.5	103.3	9.4%	8.5%	7.0%	2.1	10.00%	S/A	29 Oct 2015	200	//B
UkrLandFarming, 2018	97.9	99.4	11.4%	11.0%	-1.4%	3.6	10.88%	S/A	26 Mar 2018	275	/B-/B-
Mriya, 2016	104.8	107.7	9.1%	7.9%	3.2%	2.3	10.95%	S/A	30 Mar 2016	250	/B/B
DTEK, 2015	104.4	105.1	7.0%	6.6%	3.6%	1.7	9.50%	S/A	28 Apr 2015	500	B3//B
DTEK, 2018	98.1	98.9	8.4%	8.2%	-1.5%	3.9	7.88%	S/A	4 Apr 2018	750	B3//B
Metinvest, 2015	104.7	105.8	7.6%	7.0%	1.4%	1.7	10.25%	S/A	20 May 2015	500	B3//B
Metinvest, 2018	98.0	99.0	9.3%	9.0%	1.6%	3.6	8.75%	S/A	14 Feb 2018	750	B3//B
Ferrexpo, 2016	97.4	98.5	9.0%	8.4%	0.5%	2.4	7.875%	S/A	07 Apr 2016	500	/B/B
UZ Rail, 2018	94.8	96.0	10.9%	10.6%	-4.6%	3.8	9.50%	S/A	21 May 2018	500	/B-/B-
Interpipe, 2017	77.0	80.1	18.5%	16.9%	-3.8%	2.9	10.25%	S/A	2 Aug 2017	200	/NR/B-
Bank Eurobonds											
Fin&Credit Bank, 2014	90.0	92.0	30.2%	25.9%	51.7%	0.5	10.50%	S/A	25 Jan 2014	100	Caa1//
PUMB, 2014	100.9	103.0	10.7%	9.2%	1.0%	1.3	11.00%	Q	31 Dec 2014	275	B//
Nadra Bank, 2017	77.2	82.2	26.4%	21.4%	-3.8%	3.1	8.00%	A	22 Jun 2017	175	//
PrivatBank, 2015	94.0	95.5	12.7%	11.8%	0.0%	1.9	9.38%	S/A	23 Sept 2015	200	B3//
PrivatBank, 2016	81.2	85.1	14.6%	12.6%	7.7%	2.2	8.75%	S/A	9 Feb 2016	150	B3//
PrivatBank, 2018	96.6	98.1	11.8%	11.4%	-2.6%	3.5	10.88%	S/A	28 Feb 2018	175	B3//B
UkrEximBank, 2015	99.2	99.9	9.0%	8.5%	-0.4%	1.7	8.38%	S/A	27 Apr 2015	750	B3//B
UkrEximBank, 2016	87.0	90.0	11.7%	10.3%	5.0%	2.2	8.40%	S/A	2 Sept 2016	125	B3//B
UkrEximBank, 2018	95.1	96.3	10.1%	9.7%	-4.3%	3.6	8.75%	S/A	22 Jan 2018	500	B3//B
VAB Bank, 2014	77.0	80.0	41.9%	37.1%	45.4%	0.9	10.50%	Q	14 Jun 2014	125	Caa1//WD
Oschadbank, 2016	95.9	97.2	10.1%	9.5%	1.5%	2.3	8.25%	S/A	10 Mar 2016	700	B3//B
Oschadbank, 2018	94.3	95.4	10.5%	10.1%	-5.2%	3.7	8.88%	S/A	20 Mar 2018	500	B3//B
Municipal Eurobonds											
City of Kyiv, 2015	95.2	96.8	10.4%	9.6%	2.6%	2.1	8.00%	S/A	6 Nov 2015	250	B3/B-/
City of Kyiv, 2016	95.2	97.2	11.2%	10.5%	2.8%	2.5	9.375%	S/A	30 Jun 2016	300	B3/B-/

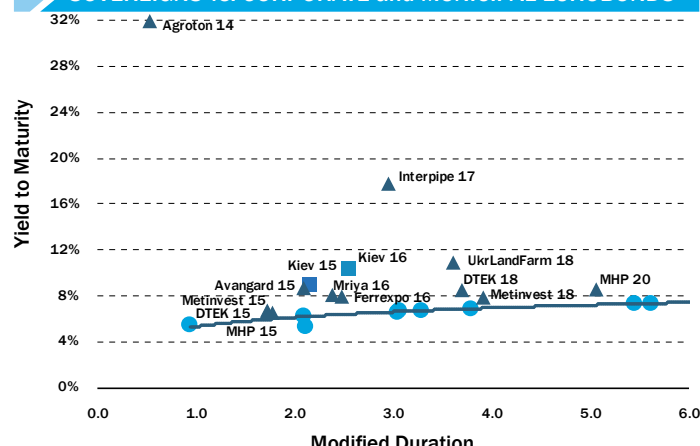
¹ Moody's/S&P/Fitch; * EUR

Source: Bloomberg, Cbonds, Eavex Research

SOVEREIGNS vs. BANKING EUROBONDS



SOVEREIGNS vs. CORPORATE and MUNICIPAL EUROBONDS

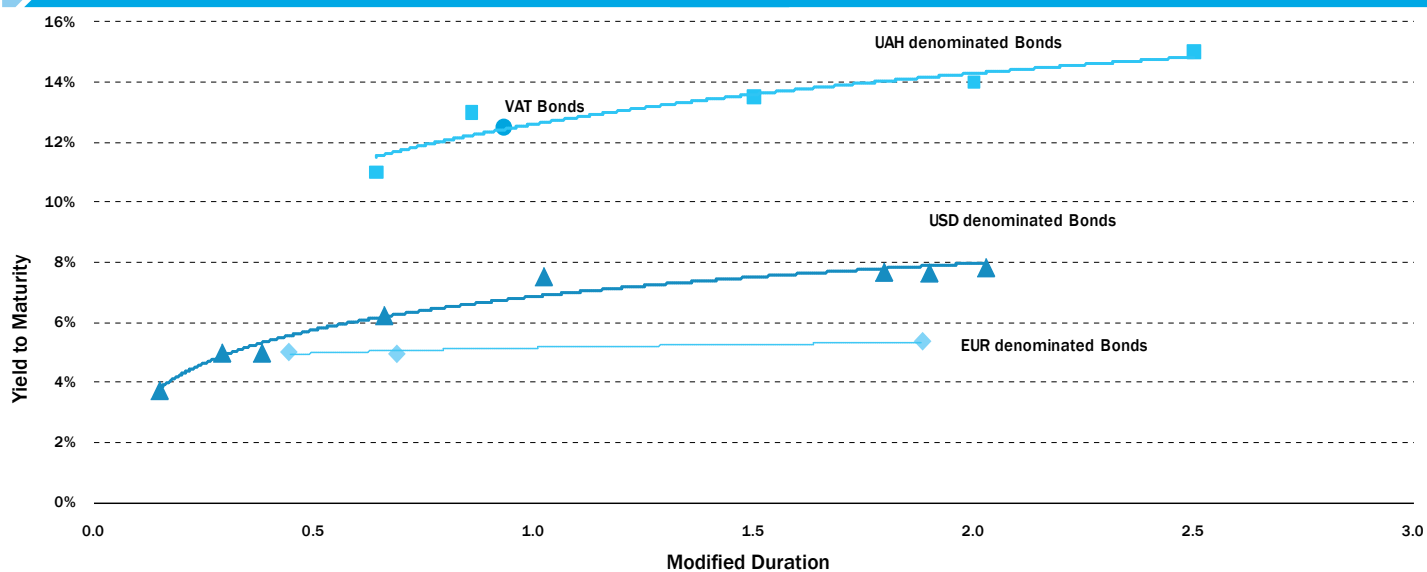


Source: Bloomberg, Cbonds, Eavex Research

UKRAINIAN DOMESTIC BONDS

Issue	Price (Bid)	Price (Ask)	YTM (Bid)	YTM (Ask)	Modified Duration	Coupon	Coupon Period	Maturity Date	Volume mn USD
UAH denominated Bonds									
UA4000115117			11.8%	10.0%	n/a	10.75%	S/A	26 Mar 2014	187
UA4000141592			13.5%	12.0%	1.5	14.30%	S/A	20 May 2015	31
UA4000142665			19.0%	17.0%	2.0	14.30%	S/A	24 May 2017	184
USD denominated Bonds									
UA4000136832	100.5	100.8	6.0%	4.5%	0.2	9.27%	S/A	28 Aug 2013	254
UA4000138002	100.8	100.9	6.0%	4.5%	0.4	9.30%	S/A	27 Nov 2013	86
UA4000140362	101.3	101.8	7.1%	6.5%	0.9	9.20%	S/A	21 May 2014	171
UA4000142699	101.3	103.0	7.9%	7.5%	1.6	9.45%	S/A	22 Apr 2015	312
UA4000141071	102.0	102.9	7.9%	7.5%	1.7	9.45%	S/A	27 May 2015	152
UA4000142673	92.9	93.9	8.3%	8.0%	1.9	4.50%	S/A	17 Jun 2015	175
EUR denominated Bonds									
UA4000137731	100.6	100.8	5.1%	4.9%	0.3	4.80%	S/A	18 Sept 2013	205
UA4000138846	101.1	101.3	5.0%	4.9%	0.5	4.80%	S/A	25 Dec 2013	70
UA4000142681	102.1	102.3	5.4%	5.3%	1.8	4.80%	S/A	6 May 2015	40
VAT Bonds									
UA4000082531			13.5%	11.8%	n/a	5.50%	S/A	21 Aug 2015	141
UA4000082622			13.5%	11.8%	n/a	5.50%	S/A	24 Aug 2015	571
UA4000083059			13.5%	11.8%	n/a	5.50%	S/A	25 Aug 2015	415

Source: Bloomberg, Cbonds, Eavex Research

DOMESTIC BONDS YIELD CURVE


Source: Bloomberg, Cbonds, Eavex Research

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