

Market Update

Equity

Ukrainian blue chips ended higher on Monday (Apr 29) in line with the major global indices, thanks to an afternoon turnaround that saw the UX index swing by nearly 3% intraday. Externally, the Paris CAC jumped by 1.5%, and the S&P 500 remained within a whisker of its all-time high on positive US housing numbers and expectations of continued central bank stimulus policies. The local UX benchmark closed at 815 points, a rise of 1.0%. DonbasEnergo (DOEN), Ukraine's next likely big-ticket privatization object, led the advance, picking up 2.7% to UAH 20.05, and Alchevsk Steel (ALMK) rebounded from a rough Friday by gaining 1.9%. Metinvest-controlled steelmakers Yenakievo (ENMZ) and Azovstal (AZST) added 1.5% and 0.7% respectively, but Avdyivka Coke (AVDK) failed to make the cut, slipping 0.6% to finish as the only blue chip decliner. Among second-tier issues, Krukiv Wagon (KVBZ) posted a loss of 4.0% to UAH 24.00. In London, oil&gas names JJK (JKX LN) and Cadogan (CAD LN) edged up by 0.7% and 1.8% respectively.

Fixed Income

Ukrainian sovereign Eurobonds were largely unchanged on Monday. Ukraine-22s finished flat at 99.7/100.4 (7.8%/7.7%) and Ukraine-17s edged down by 0.1p.p. closing at 99.2/99.9 (7.0%/6.8%). Corporate names were slightly down. The largest loss was seen in Mriya-16s which declined by 0.3p.p. to 105.5/107.0 (8.8%/8.2%).

Volume Leaders	Ticker	Last, UAH	1D ch	Volume, UAH mn	Number of Trades
Motor Sich	MSICH	1997.00	1.3%	5.7	188
Centrenergo	CEEN	4.030	1.1%	1.6	201
Alchevsk Steel	ALMK	0.043	1.9%	1.3	161

Growth Leaders

Ukrtelecom	UTLM	0.13	4.1%	0.00	8
Donbasenergo	DOEN	20.04	2.7%	0.85	153
Alchevsk Steel	ALMK	0.04	1.9%	1.29	161

Loss Leaders

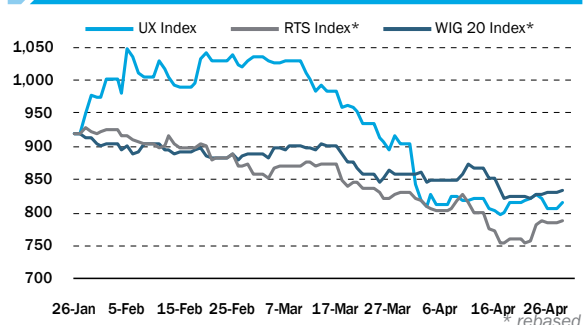
Kryukiv Wagon	KVBZ	24.00	-4.0%	0.12	11
Stakhanov Wagon	SVGZ	1.35	-2.2%	0.01	17
Avdyivka Coke	AVDK	2.94	-0.6%	0.72	209

Highlights

POLITICS AND ECONOMICS

> BoP Shows Surplus of USD 1.8bn for 1Q13

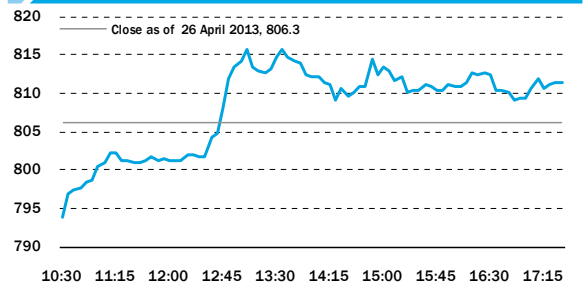
STOCK MARKET PERFORMANCE



MARKET INDEXES

	Last	1D ch	1M ch	YTD
UX	814.7	1.0%	-9.8%	-14.3%
RTS	1387.5	0.4%	-5.0%	-9.1%
WIG20	2303.2	0.4%	-2.8%	-10.8%
MSCI EM	1027.4	0.5%	-0.7%	-2.6%
S&P 500	1593.6	0.7%	1.6%	13.6%

UX INTRADAY APRIL 29, 2013



FIXED INCOME

	Last	1D ch	1M ch	YTD
EMBI+Global	294.4	-0.8%	-4.2%	8.6%
CDS 5Y UKR	609.4	-0.5%	2.4%	-2.5%
Ukraine-13	7.4%	-0.1%	0.4%	0.2%
Naftogaz Ukr-14	4.1%	1.0%	0.5%	-1.2%
Ukraine-20	6.6%	-0.1%	-0.7%	-1.0%
Privatbank-16	13.14%	0.2 p.p.	0.4 p.p.	-2.2 p.p.

CURRENCY

	Last, UAH	1D ch	1M ch	YTD
USD	8.14	-0.1%	0.1%	1.1%
EUR	10.66	0.4%	2.2%	-0.2%
RUB	0.26	1.0%	0.4%	-0.8%

COMMODITIES

	Last	1D ch	1M ch	YTD
Wheat, USD/t*	322.1	0.0%	0.0%	0.0%
Steel, USD/t	540.0	0.0%	-4.4%	1.4%
Oil, USD/bbl	94.5	1.6%	-3.1%	2.4%
Gold, USD/oz	1475.9	0.9%	-7.7%	-10.9%

*Ukraine FOB

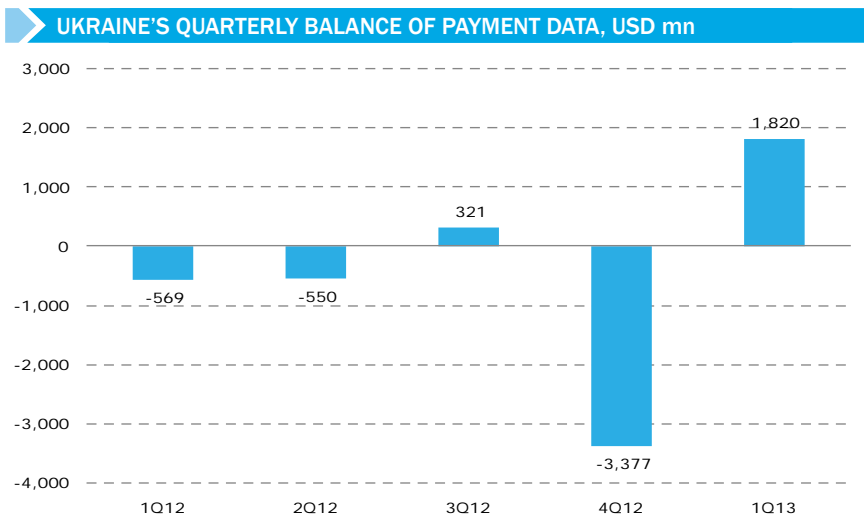
Source: Bloomberg, Ukrainian Exchange

BoP Shows Surplus of USD 1.8bn for 1Q13

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

NEWS

Ukraine registered a balance of payments surplus of USD 1.82bn in 1Q13, according to preliminary data from the National Bank. The corresponding BoP figure for 1Q12 was a deficit of USD 569mn. The country's current account deficit decreased by 14.7% YoY to USD 1.75bn, while the capital account surplus surged by 2.4x YoY to USD 3.57bn in the period.



Source: National Bank of Ukraine

COMMENTARY

The strong first-quarter improvement in the BoP occurred mainly thanks to net external borrowings, which rose by 3.0x YoY to USD 1.9bn. This was a marked change from 1Q12, when Ukraine was effectively locked out of global capital markets. Significantly, the country's imports also declined by 5.8% YoY to USD 19.0bn. Meanwhile, net foreign investment in Ukraine fell by 26% YoY to USD 1.2bn. We forecast that net FDI will be USD 5.7bn in FY13, compared to USD 6.6bn in FY12. We also forecast that the current account deficit will be USD 11bn in 2013 and amount to 5.9% of GDP, down from 8.3% of GDP in 2012.

EAVEX RECOMMENDATIONS

Name	Ticker	Price, USD per share	Target price, USD per share	Upside, %	Rating	Commentary
Steel&Pipes						
Azovstal	AZST	0.07	0.07	-4%	SELL	Non-transparent reporting practises detrimentally affect the company's reported earnings.
Khartsysk Pipe	HRTR	0.06	0.19	206%	BUY	The company has a 100% dividend payout policy, which we expect to remain in place going forward.
Iron Ore						
Ferrexpo	FXPO LN	2.82	3.33	18%	BUY	Launch of its new Yeristovo Mine in 2H12 should allow Ferrexpo to increase pellet output by 10% YoY to 10.6mn tonnes in 2013 with further growth to 12.0mn tonnes in 2015.
Pivnichny GOK	SGOK	0.81	1.77	119%	BUY	Pivnichny GOK's dividend payout was 99% for FY11 with a DPS of USD 0.33, implying a dividend yield of 22%. The company has a dividend payout policy of nearly 100%, which we expect to remain in place going forward.
Centralny GOK	CGOK	0.74	1.30	76%	BUY	CGOK is a strong dividend play. A DPS of USD 0.27 was approved in April 2012, implying a dividend yield of 26%.
Coke						
Avdyivka Coke	AVDK	0.36	0.76	111%	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	509%	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	0.07	0.36	437%	BUY	We expect Pokrovske Mine to double its coking coal extraction to 9.5mn tonnes over 2010-15.
Railcar Manufacturing						
Krukiv Wagon	KVBZ	2.95	6.18	110%	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	0.21	0.64	203%	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	245	644	162%	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	0.41	1.52	274%	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	470%	BUY	The expected start of operations in JKX's Russian gas field should lift output.
Power Utilities						
DonbasEnergO	DOEN	2.46	8.90	261%	BUY	DonbasEnergO recently launched Ukraine's most efficient power generation unit.
CenterEnergO	CEEN	0.50	1.84	272%	BUY	CenterEnergO's privatization is on the horizon for 2013.
Consumer						
MHP	MHPC	18.7	24.0	29%	BUY	MHP plans to launch production at Phase 1 of its new Vinnitsya poultry complex in early 2013. This will expand its poultry production capacity by some 60,000 tonnes p.a. in 2013, up from the current 384,000 tonnes.
Astarta	AST	15.80	30.0	90%	BUY	Rising global prices for agriculture products should offset the company's weaker than expected harvest this year. Astarta's business leans on three pillars: sugar beet cultivation/processing, grain cultivation, and cattle farming.
Avangardco	AVGR	8.54	28.3	231%	BUY	Avangard operates with a gross margin of 36% vs. the industry average of 22% and expects to raise its output by 56% by 2015, to 6.8bn eggs. Exports to the EU and the Middle East will be sales growth drivers.

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	814.66	1406.21	747.84	1.0%	-0.5%	-9.8%	-14.3%	0.0%	0.0%	0.0%	0.0%
Steel												
Alchevsk Steel	ALMK	0.043	0.09	0.04	1.9%	1.4%	-9.0%	-18.7%	0.8%	1.9%	0.8%	-4.4%
Azovstal	AZST	0.58	1.27	0.54	0.7%	-1.0%	-9.0%	-22.2%	-0.3%	-0.5%	0.8%	-7.9%
Dniprospezstal	DNSS	700	n/a	n/a	0.0%	-26.3%	-27.8%	-29.9%	-1.0%	-25.8%	-18.0%	-15.6%
Enakievo Steel	ENMZ	33.0	63.7	27.7	1.5%	-0.2%	-5.6%	-13.2%	0.5%	0.4%	4.3%	1.1%
Arcelor Mittal KR	KSTL	1.20	n/a	n/a	0.0%	0.0%	0.0%	n/a	-1.0%	0.5%	9.8%	n/a
Mariupol Ilyicha	MMKI	0.17	0.32	0.13	-10.5%	-10.5%	-5.6%	-22.7%	-11.6%	-10.0%	4.3%	-8.4%
Coke												
Avdivka Coke	AVDK	2.94	4.89	1.90	-0.6%	-5.0%	-5.0%	-10.3%	-1.7%	-4.5%	4.8%	4.0%
Yasnyivsky Coking	YASK	0.56	1.26	0.54	0.0%	-3.4%	-6.7%	-16.4%	-1.0%	-2.9%	3.2%	-2.1%
Iron Ore Mining												
Centralny GOK	CGOK	6.00	7.74	4.00	-1.6%	18.8%	-13.0%	-13.0%	-2.7%	19.3%	-3.2%	1.3%
Ferrexpo	FXPO	2.82	4.78	2.35	1.5%	13.9%	7.2%	-30.0%	0.4%	14.5%	17.0%	-15.7%
Pivnichny GOK	SGOK	6.55	12.50	5.77	1.1%	6.5%	-27.2%	-12.0%	0.0%	7.0%	-17.4%	2.3%
Coal Mining												
Pokrovske Mine	SHCHZ	0.55	1.40	0.40	0.0%	-3.5%	-14.1%	-12.7%	-1.0%	-3.0%	-4.2%	1.6%
Komsomolets Donbasa	SHKD	0.92	2.00	0.76	0.0%	-8.0%	-10.7%	-22.0%	-1.0%	-7.5%	-0.9%	-7.7%
Energy Coal	CLE	1.37	7.95	0.85	12.9%	33.1%	-29.3%	-55.6%	11.8%	33.6%	-19.4%	-41.3%
Mining Machinery												
Svitlo Shakhtara	HMBZ	0.40	0.58	0.003	0.0%	0.0%	n/a	-31.0%	-1.0%	0.5%	n/a	-16.7%
Pipe Manufacturing												
Khartsyzk Pipe	HRTR	0.51	1.33	0.47	4.1%	2.0%	-32.0%	-27.1%	3.0%	2.5%	-22.2%	-12.8%
Interpipe NMPP	NVTR	0.17	0.60	0.10	-5.6%	-19.0%	-15.0%	-22.7%	-6.6%	-18.5%	-5.2%	-8.4%
Railcar Manufacturing												
Kryukiv Wagon	KVBZ	24.0	25.9	14.2	-4.0%	-4.0%	4.6%	23.7%	-5.0%	-3.5%	14.4%	38.0%
Luhanskeplovoz	LTPL	1.72	2.45	1.28	2.4%	4.2%	-12.7%	-8.0%	1.3%	4.8%	-2.9%	6.3%
Stakhanov Wagon	SVGZ	1.35	4.20	1.26	-2.2%	-10.0%	-10.0%	-22.0%	-3.2%	-9.5%	-0.2%	-7.7%
Specialized Machinery												
Bogdan Motors	LUAZ	0.04	0.22	0.03	-16.4%	2.5%	-15.8%	-6.9%	-17.5%	3.0%	-5.9%	7.4%
Motor Sich	MSICH	1,997	2,849	1,750	1.3%	-0.4%	-9.5%	-9.6%	0.3%	0.1%	0.4%	4.7%
Summy Frunze Engineering	SMASH	2.50	4.00	0.76	0.0%	-8.8%	-29.4%	66.7%	-1.0%	-8.2%	-19.6%	81.0%
Turboatom	TATM	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WESTA ISIC	WES	0.24	0.95	0.13	8.1%	2.1%	13.4%	0.0%	7.0%	2.7%	23.2%	14.3%
Telecom												
Ukrtelecom	UTLM	0.13	0.40	0.12	4.1%	-3.3%	-2.3%	-18.7%	3.0%	-2.7%	7.5%	-4.4%
Oil & Gas												
Regal Petroleum	RPT	0.41	0.59	0.21	0.1%	13.3%	11.0%	-24.9%	-0.9%	13.9%	20.8%	-10.6%
JKX Oil	JKX	1.05	2.22	0.87	0.9%	1.5%	-8.4%	-11.9%	-0.2%	2.0%	1.4%	2.4%
Ukrnafta	UNAF	114	284	80	0.7%	-4.2%	-12.6%	-3.5%	-0.3%	-3.7%	-2.8%	10.8%
Power Utilities												
Centrenerg	CEEN	4.03	7.99	3.76	1.1%	1.6%	-26.0%	-36.5%	0.1%	2.2%	-16.2%	-22.2%
Donbasenergo	DOEN	20.0	28.1	15.0	2.7%	1.6%	-2.2%	-5.4%	1.7%	2.2%	7.6%	8.9%
Zakhidenergo	ZAEN	85.8	168.8	54.0	0.0%	1.1%	2.1%	-11.5%	-1.0%	1.6%	12.0%	2.8%
Consumer												
Agroton	AGT	0.88	6.0	0.36	18.8%	9.6%	-65.7%	-72.7%	17.7%	10.2%	-55.9%	-58.4%
Astarta	AST	15.8	22.1	13.9	0.9%	0.3%	-15.6%	-11.5%	-0.1%	0.9%	-5.8%	2.8%
Avangardo	AVGR	8.5	14.3	7.61	0.5%	0.5%	4.8%	-24.6%	-0.6%	1.0%	14.6%	-10.3%
Industrial Milk Company	IMC	4.17	5.48	2.73	1.3%	0.9%	-11.8%	-21.4%	0.3%	1.4%	-1.9%	-7.1%
Kernel	KER	16.6	23.0	14.8	4.5%	5.7%	-8.4%	-23.3%	3.4%	6.2%	1.4%	-9.0%
Mriya Agro Holding	MAYA	5.76	7.4	5.04	0.5%	1.6%	-2.6%	-11.2%	-0.5%	2.2%	7.2%	3.1%
MHPC	MHPC	18.7	19.9	10.00	0.5%	4.8%	5.1%	22.3%	-0.5%	5.3%	14.9%	36.6%
Milkiland	MLK	3.55	6.1	3.29	8.2%	-6.8%	-18.7%	-24.4%	7.1%	-6.2%	-8.9%	-10.1%
Ovostar Union	OVO	26.9	33.8	23.2	0.4%	5.0%	-7.9%	-7.0%	-0.7%	5.5%	1.9%	7.3%
Sintal	SNPS	n/a	1.99	0.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MCB Agricole	4GW1	n/a	0.96	0.22	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Chemicals												
Stirol	STIR	11.0	25.6	10.3	1.7%	-3.6%	-11.3%	-17.7%	0.6%	-3.0%	-1.4%	-3.4%
Banks												
Raiffeisen Bank Aval	BAVL	0.099	0.128	0.061	0.5%	-1.8%	1.4%	15.2%	-0.5%	-1.3%	11.3%	29.5%
UkrSotsbank	USCB	0.120	0.215	0.107	1.3%	0.3%	2.3%	-7.0%	0.2%	0.8%	12.1%	7.3%

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	137	3.9%	5	1,553	3.8	neg	neg	10.7	neg	neg	0.7	0.9	0.9	535	462	416	\$/tonne
Yenakievo Steel	ENMZ	43	8.8%	4	35	1.4	5.0	neg	neg	neg	neg	0.0	0.0	0.0	14	13	13	\$/tonne
Azovstal	AZST	297	4.1%	12	276	neg	neg	neg	neg	neg	neg	0.1	0.1	0.1	49	46	44	\$/tonne
Coke																		
Avdyivka Coke	AVDK	70	7.5%	5	68	neg	neg	neg	11.1	neg	neg	0.0	0.1	0.1	19	15	12	\$/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
Iron Ore Mining																		
Centralny GOK	CGOK	864	0.5%	5	864	2.7	9.1	8.3	1.7	3.6	4.3	1.1	1.5	1.7				
Pivnichny GOK	SGOK	1,855	0.5%	10	1,979	2.4	4.3	5.2	1.7	2.4	3.1	1.1	1.3	1.5				
Ferrexpo	FXPO	1,659	24.0%	398	1,910	2.9	7.7	6.3	2.4	4.8	4.3	1.1	1.3	1.2				
Coal Mining																		
Komsomolets Donbasa	SHKD	38	5.4%	2	140	2.5	1.0	1.1	2.1	1.4	1.6	0.7	0.5	0.5	34	33	31	\$/tonne
Coal Energy	CLE	62	11.9%	7	88	1.7	1.6	1.5	1.7	1.4	1.4	0.6	0.5	0.4	1.7	1.4	1.4	\$/tonne
Pipe Manufacturing																		
Khartsyzk Pipe	HRTR	163	2.0%	3	205	1.7	4.8	4.8	1.4	2.8	2.7	0.3	0.3	0.3	326	541	514	\$/tonne
Railcar Manufacturing																		
LuganskTeplovoz	LTPL	46	24.0%	11	46	5.2	6.7	5.7	3.3	3.7	3.0	0.2	0.3	0.2				
Krukiw Wagon	KVBZ	338	5.0%	17	341	4.0	3.6	6.7	2.9	2.5	3.7	0.4	0.4	0.5				
Stakhanov Wagon	SVGZ	38	8.0%	3	77	1.9	>30	13.1	2.3	10.7	7.0	0.2	0.2	0.2				
Specialized Machinery																		
Turboatom	TATM	182	5.8%	10	130	3.4	4.8	4.3	2.1	2.8	2.5	0.8	0.8	0.7				
Motor Sich	MSICH	510	24.0%	122	520	3.0	2.1	1.9	1.8	1.7	1.6	0.7	0.6	0.6				
Telecom																		
Ukrtelecom	UTLM	299	7.2%	22	635	neg	6.6	6.2	3.1	3.1	3.0	0.8	0.7	0.9				
Oil & Gas																		
Ukrnafta	UNAF	762	3.0%	23	752	2.8	2.4	3.4	1.7	1.5	1.8	0.2	0.3	0.3	n/a	n/a	n/a	\$/boe
Regal Petroleum	RPT	130	49.0%	64	113	20.4	10.9	5.4	neg	4.9	3.2	5.9	2.3	1.4	n/a	n/a	n/a	\$/boe
JKX Oil & Gas	JKX	181	50.4%	91	289	3.1	4.5	3.6	2.5	2.0	1.9	1.2	1.3	1.2	76	53	40	\$/boe
Electric Utilities																		
CentrEnergO	CEEN	183	21.7%	40	266	>30	6.3	5.5	5.5	4.4	3.9	0.3	0.2	0.2	18	19	15	\$/MWh
DonbasEnergO	DOEN	58	14.2%	8	115	neg	15.2	5.8	5.6	6.7	4.8	0.2	0.2	0.2	14	13	13	\$/MWh
Consumer																		
MHP	MHPC	1,970	34.1%	672	3,015	7.6	6.3	7.3	7.5	6.4	5.8	2.5	2.1	2.0	9422	9422	9422	\$/tonne
Kernel	KER	1,224	61.8%	756	1,834	5.4	5.8	6.3	5.9	5.7	5.4	1.0	0.9	0.7				
Astarta	AST	395	31.0%	123	542	3.5	7.9	6.7	3.8	5.6	4.5	1.3	1.2	1.0	2747	1672	1389	\$/tonne
Avangardco	AVGR	545	22.5%	123	694	2.8	2.4	2.3	2.8	2.5	2.4	1.3	1.1	1.0	157	119	112	\$/mneegs
Agroton	AGT	19	44.6%	9	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	364	4.0%	15		>30	>30	12.7	0.4	0.4	0.4	0.05	0.05	0.05				
Ukrsotsbank	USCB	271	1.6%	4		>30	>30	21.8	0.3	0.3	0.3	0.06	0.06	0.06				

Source: Eavex Research

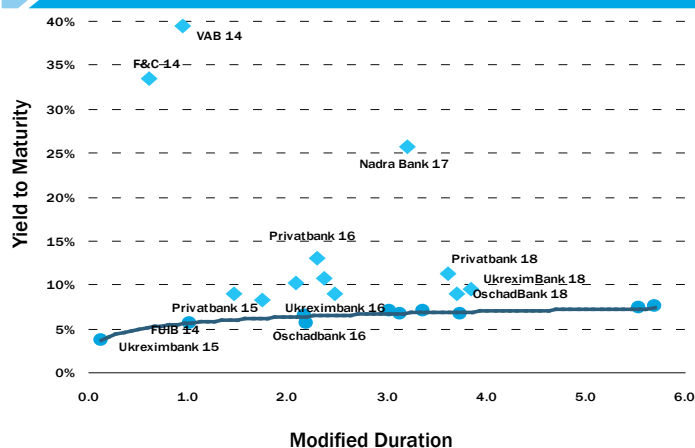
UKRAINIAN EUROBONDS

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, 2013	100.3	100.5	5.2%	2.8%	-0.6%	0.1	7.65%	S/A	11 Jun. 2013	1,000	/B+/B
Ukraine, 2014	101.9	102.5	6.1%	5.5%	0.4%	1.0	7.95%	S/A	6 Apr. 2014	1,000	/B+/B
Naftogaz Ukraine, 2014	103.4	104.2	6.9%	6.4%	0.8%	1.3	9.50%	S/A	30 Sept 2014	1,595	//B
Ukraine, 2015 (EUR)	97.5	98.5	6.1%	5.6%	0.5%	2.2	4.95%	A	13 Oct 2015	600*	B2/B+/B
Ukraine, 2015	100.0	100.5	6.9%	6.7%	-1.0%	2.2	6.875%	S/A	23 Sept 2015	500	B2/B+/B
Ukraine, 2016	97.5	98.3	7.4%	7.1%	-2.0%	3.0	6.58%	S/A	21 Nov 2016	1,000	B//B
Ukraine, 2016-2	97.7	98.4	7.0%	6.8%	-1.6%	3.1	6.25%	S/A	17 Jun 2016	1,250	B2/B+/B
Ukraine, 2017	99.2	99.9	7.0%	6.8%	0.3%	3.7	6.75%	S/A	14 Nov 2017	700	B2/B+/B
Ukraine, 2017-2	106.9	107.9	7.3%	7.0%	0.3%	3.4	9.25%	S/A	24 Jul 2017	2,000	B2/B+/B
Ukraine, 2017 Infr. projects	98.5	100.0	8.9%	8.5%	1.0%	3.5	8.375%	S/A	3 Nov 2017	568	B2/-/-
Ukraine, 2018 Infr. projects	94.3	95.8	8.9%	8.5%	2.4%	4.0	7.40%	S/A	20 Apr 2018	690	B2/-/-
Ukraine, 2020	101.3	102.3	7.5%	7.4%	-1.2%	5.5	7.75%	S/A	23 Sept 2020	1,500	B2/B+/B
Ukraine, 2021	101.4	102.2	7.7%	7.6%	-2.0%	5.7	7.95%	S/A	23 Feb 2021	1,500	B2/B+/B
Ukraine, 2022	99.7	100.4	7.8%	7.7%	-0.9%	6.4	7.80%	S/A	28 Nov 2022	1,250	//B
Corporate Eurobonds											
Agroton, 2014	75.0	80.0	40.7%	34.0%	n/a	0.9	12.50%	S/A	14 Jul 2014	50	-/-/B-
MHP, 2015	105.7	106.9	7.2%	6.8%	0.8%	1.8	10.25%	S/A	29 Apr 2015	585	B3//B
MHP, 2020	98.7	99.7	8.5%	8.3%	-0.8%	5.2	8.25%	S/A	2 Apr 2020	750	B3//B
Avangardco, 2015	99.2	100.8	10.4%	9.7%	4.5%	2.2	10.00%	S/A	29 Oct 2015	200	-/-/B
UkrLandFarming, 2018	98.9	100.4	11.2%	10.7%	-0.3%	3.7	10.88%	S/A	26 Mar 2018	275	B-/B
Mriya, 2016	105.5	107.0	8.8%	8.2%	3.2%	2.5	10.95%	S/A	30 Mar 2016	250	-/B/B-
DTEK, 2015	104.8	105.3	6.9%	6.6%	3.9%	1.8	9.50%	S/A	28 Apr 2015	500	B2//B
DTEK, 2018	98.6	99.3	8.2%	8.0%	-1.0%	4.0	7.88%	S/A	4 Apr 2018	750	B2//B
Metinvest, 2015	106.7	107.6	6.7%	6.3%	3.2%	1.8	10.25%	S/A	20 May 2015	500	B3//B-
Metinvest, 2018	102.0	103.0	8.2%	8.0%	5.7%	3.8	8.75%	S/A	14 Feb 2018	750	B2/-/B-
Ferrexpo, 2016	99.3	100.3	8.2%	7.7%	2.4%	2.6	7.875%	S/A	07 Apr 2016	500	B2/B+/B
Interepipe, 2017	77.0	80.1	18.3%	16.7%	-3.8%	3.0	10.25%	S/A	2 Aug 2017	200	-/B+/B+
Bank Eurobonds											
Fin&Credit Bank, 2014	84.0	88.0	37.6%	30.0%	40.0%	0.6	10.50%	S/A	25 Jan 2014	100	Caa1//
PUMB, 2014	102.6	104.3	9.5%	8.3%	2.5%	1.4	11.00%	Q	31 Dec 2014	275	B2//B-
Nadra Bank, 2017	75.0	79.5	27.9%	23.4%	-3.8%	3.2	8.00%	A	22 Jun 2017	175	WD//WD
PrivatBank, 2015	97.5	99.0	10.6%	9.9%	3.7%	2.1	9.38%	S/A	23 Sept 2015	200	B1//B
PrivatBank, 2016	82.0	84.8	13.8%	12.4%	8.0%	2.3	8.75%	S/A	9 Feb 2016	150	B1//B
PrivatBank, 2018	98.9	100.3	11.2%	10.8%	-0.4%	3.6	10.88%	S/A	28 Feb 2018	175	//B
UkrEximBank, 2015	99.9	100.6	8.5%	8.1%	0.3%	1.8	8.38%	S/A	27 Apr 2015	750	B1//B
UkrEximBank, 2016	87.2	90.0	11.4%	10.1%	5.1%	2.4	8.40%	S/A	2 Sept 2016	125	B1//B
UkrEximBank, 2018	98.0	98.9	9.3%	9.0%	-1.5%	3.7	8.75%	S/A	22 Jan 2018	500	B3//B
VAB Bank, 2014	75.0	77.0	40.6%	37.7%	38.9%	0.9	10.50%	Q	14 Jun 2014	125	Caa1/-/WD
Oschadbank, 2016	97.7	98.8	9.2%	8.8%	3.3%	2.5	8.25%	S/A	10 Mar 2016	700	B2//B
Oschadbank, 2018	96.3	97.4	9.8%	9.6%	-3.2%	3.8	8.88%	S/A	20 Mar 2018	500	B1//B
Municipal Eurobonds											
City of Kyiv, 2015	95.8	97.9	9.9%	9.0%	3.5%	2.1	8.00%	S/A	6 Nov 2015	250	B1/CCC+/B
City of Kyiv, 2016	96.2	98.5	10.8%	9.9%	4.1%	2.6	9.375%	S/A	30 Jun 2016	300	B1/CCC+/B

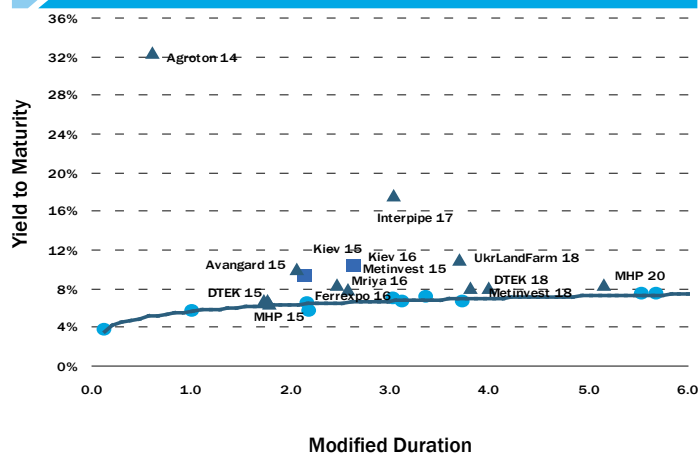
¹ Moody's/S&P/Fitch; * EUR

Source: Bloomberg, Cbonds, Eavex Research

SOVEREIGNS vs. BANKING EUROBONDS



SOVEREIGNS vs. CORPORATE and MUNICIPAL EUROBONDS

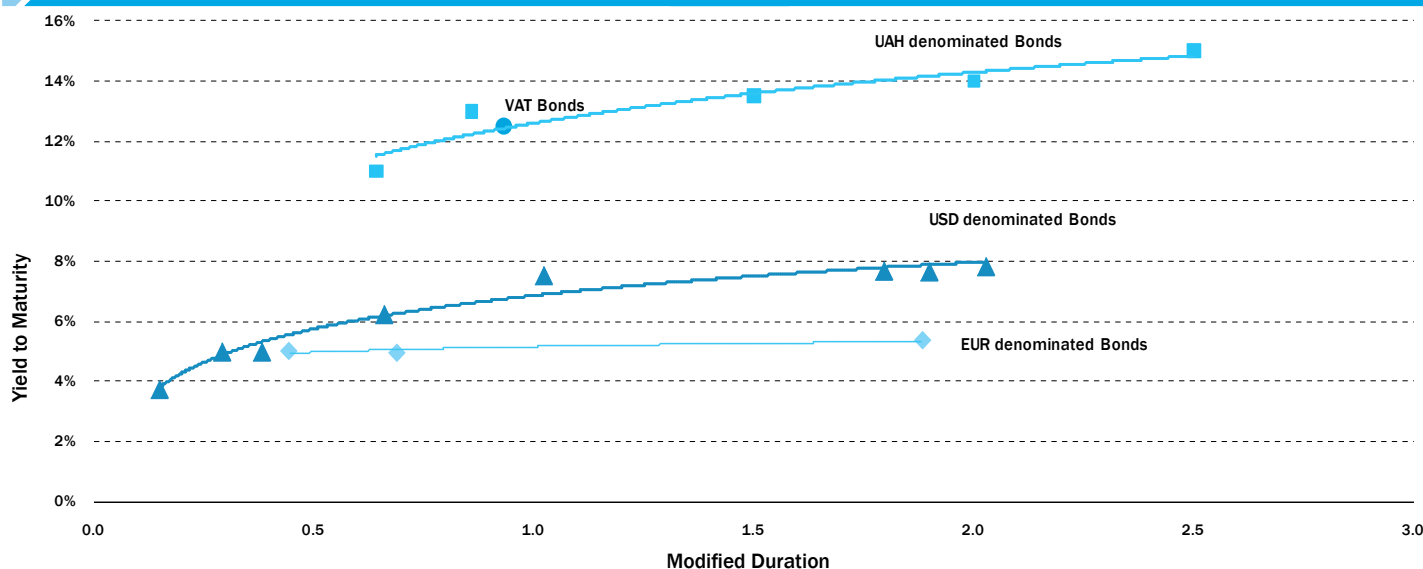


Source: Bloomberg, Cbonds, Eavex Research

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									
UA4000119473			4.5%	3.0%	0.6	9.00%	S/A	22 May 2013	64
UA4000115117			11.8%	10.0%	0.8	10.75%	S/A	26 Mar 2014	187
UA4000141592			15.0%	12.0%	1.5	14.30%	S/A	20 May 2015	31
UA4000142665			17.0%	15.0%	2.0	14.30%	S/A	24 May 2017	184
USD denominated Bonds									
UA4000134431									
UA4000141063	100.1	100.3	4.5%	3.0%	0.1	9.30%	S/A	29 May 2013	235
UA4000142384	100.5	100.6	5.5%	4.5%	0.2	9.30%	S/A	24 Jul 2013	413
UA4000136832	100.8	100.9	5.5%	4.5%	0.3	9.27%	S/A	28 Aug 2013	254
UA4000138002	101.1	101.6	6.5%	6.0%	0.6	9.30%	S/A	27 Nov 2013	86
UA4000140362	101.8	102.3	7.9%	7.2%	0.9	9.20%	S/A	21 May 2014	171
UA4000142699	100.8	101.3	8.1%	7.3%	1.8	9.45%	S/A	22 Apr 2015	312
UA4000141071	102.8	103.8	8.1%	7.3%	1.8	9.45%	S/A	27 May 2015	152
UA4000142673	93.1	94.1	8.2%	7.5%	2.0	4.50%	S/A	17 Jun 2015	175
EUR denominated Bonds									
UA4000137731	100.4	100.5	3.9%	3.7%	0.4	4.80%	S/A	18 Sept 2013	205
UA4000138846	100.5	100.6	4.1%	3.9%	0.6	4.80%	S/A	25 Dec 2013	70
UA4000142681	100.3	100.4	4.6%	4.5%	1.8	4.80%	S/A	6 May 2015	40
VAT Bonds									
UA4000082531			12.3%	11.5%	1.1	5.50%	S/A	21 Aug 2015	141
UA4000082622			12.3%	11.5%	1.1	5.50%	S/A	24 Aug 2015	571
UA4000083059			12.3%	11.5%	1.1	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

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

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