

Market Update

Equity

Locally-listed Ukrainian stocks rallied sharply on Monday (May 19) on optimism about this weekend's upcoming presidential election and the latest turn of events in Donetsk oblast, where top industrialist Rinat Akhmetov has thrown his weight behind the anti-separatist movement in calling for a major Ukrainian unity rally to be held today. The UX index was up by 4% at midday and held most of that gain to the close, finishing with a rise of 3.4% at 1118 points. Motor Sich was the top performer with its appreciation of 4.0% to UAH 1917, and volume leader CentrEnerg added 3.5% on turnover of UAH 2.9mn. Also picking up more than 3% each were DonbasEnerg, Raiffeisen Aval and Azovstal. In London, however, it was a different story for the top two liquid names Ferrexpo and MHP, which saw respective declines of 2.4% and 2.2%, with the former ending at a fresh 2-month low near GBp 139. Warsaw listed agro producer Kernel rose by 3.0% and shell eggs producer Ovostar added 5.1%.

Fixed Income

Ukrainian sovereigns moved firmly higher on Monday amid optimism about the approaching presidential election, with Ukraine-23s advancing by 1.8p.p. to close at 87.9/89.4 (9.5%/9.3%). Top corporate issues also ended in the black, with DTEK-18s rising 1.1p.p. to 82.1/83.0 (14.0%/13.7%) and Metinvest-18s picking up 1.4p.p. to 87.2/88.4 (13.6%/13.2%).

Volume Leaders	Ticker	Last, UAH	1D ch	Volume, UAH mn	Number of Trades
Centrenerg	CEEN	6.21	3.6%	2.9	195
Motor Sich	MSICH	1917.00	4.0%	1.9	108
Ukrnafta	UNAF	244.10	1.7%	1.1	67

Growth Leaders

Motor Sich	MSICH	1917.00	4.0%	1.89	108
Centrenerg	CEEN	6.21	3.6%	2.91	195
Donbasenerg	DOEN	43.25	3.3%	0.85	72

Loss Leaders

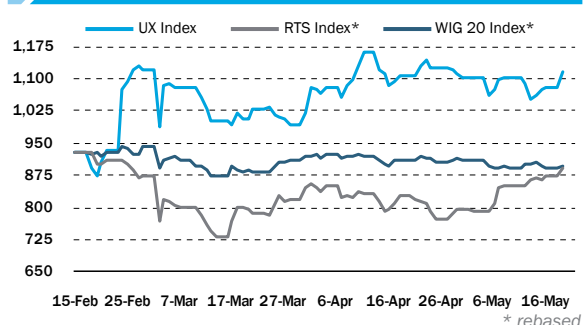
Pokrovske Mine	SHCHZ	0.47	-13.0%	0.014	7
Kryukiv Wagon	KVBZ	15.60	0.7%	0.051	12
Alchevsk Steel	ALMK	0.03	1.3%	0.048	22

Highlights

STOCKS IN THE NEWS

- > Motor Sich Negotiating Deal to Assemble Helicopters in Poland

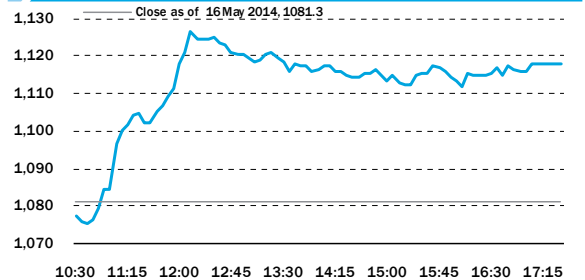
STOCK MARKET PERFORMANCE



MARKET INDEXES

	Last	1D ch	1M ch	YTD
UX	1118.2	3.4%	1.1%	22.9%
RTS	1290.0	2.2%	7.5%	-10.6%
WIG20	2400.1	0.3%	-1.4%	0.0%
MSCI EM	1035.4	0.3%	2.3%	3.3%
S&P 500	1885.1	0.4%	1.1%	2.4%

UX INTRADAY MAY 19, 2014



FIXED INCOME

	Last	1D ch	1M ch	YTD
EMBI+Global	302.9	-1.3%	-2.1%	-8.4%
CDS 5Y UKR	1062.2	-6.9%	-6.7%	29.5%
Ukraine-17	9.9%	-1.1 p.p.	-1.1 p.p.	0.9 p.p.
Naftogaz Ukr-14	26.6%	-2.3 p.p.	-6.8 p.p.	17.9 p.p.
Ukraine-23	9.4%	-0.3 p.p.	0.1 p.p.	1.9 p.p.
Privatbank-16	34.7%	0.0 p.p.	1.0 p.p.	10.0 p.p.

CURRENCY

	Last, UAH	1D ch	1M ch	YTD
USD	11.95	-0.1%	5.8%	45.0%
EUR	16.38	0.0%	5.0%	44.1%
RUB	0.35	0.3%	9.0%	37.6%

COMMODITIES

	Last	1D ch	1M ch	YTD
Wheat, USD/t*	275.5	0.0%	-8.8%	-4.1%
Steel, USD/t	537.5	0.9%	2.9%	0.0%
Oil, USD/bbl	109.4	-0.3%	0.2%	-1.7%
Gold, USD/oz	1293.1	0.0%	-0.1%	8.1%

*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

Motor Sich Negotiating Deal to Assemble Helicopters in Poland

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MOTOR SICH (MSICH UK)

Price: UAH 1,917 Market Cap: USD 333mn

	P/B	EV/S	P/E	EV/EBITDA	Div. Yield
2013	0.3	0.4	2.0	1.3	0.6%
2014E	0.3	0.4	2.0	1.4	1.9%

NEWS

Zaporizhia-based Motor Sich, Ukraine's monopoly aircraft engine producer, is holding negotiations with Poland's PZL Swidnik on cooperation in the joint assembly and modernization of helicopters at production facilities in Poland, Interfax said on Monday (May 19), citing an unidentified source in Motor Sich's management. The possible deal foresees joint implementation of the Ukrainian MSB-2 program at facilities in Poland. Helicopters will be equipped with engines produced by Motor Sich. The MSB-2, a multi-purpose helicopter that Motor Sich developed on the basis of the Soviet Mi-2 helicopter, is equipped with AI-450M turbo-shaft engines manufactured by Motor Sich, a modern air navigation system, and new flight control equipment. The maximum take-off weight of the helicopter is 4 tonnes. Motor Sich obtained formal approval as the developer of the helicopter in 2011 and started testing and preparing it for mass production in 2013. Certification of the helicopter is scheduled for later this year. PZL-Swidnik is part of AugustaWestland, a British-Italian helicopter design and manufacturing company.

COMMENTARY

The news added to the general sense of optimism on the Ukrainian equity market yesterday, helping to boost the MSICH stock by 4.0% to UAH 1917 per share. If the cooperation with Poland's helicopter producer goes smoothly, Motor Sich will enter to a promising new business segment. However, it is too soon to include the possible benefits from the project in the company's financial model. For the moment, the major concern regarding the company's operations lies in the political conflict between Kyiv and Moscow, as Russian market accounts for about 50% of the company's sales, and a number of statements have been made by officials in the interim Ukrainian government about banning Ukrainian defense-related exports to Russia. Motor Sich's contract for engines with the state-linked Russian Helicopters ends in 2016, and the Russian government has intermittently made noises about creating domestic capacity to compete with or substitute Motor Sich's engines.

EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
Steel&Pipes						
Azovstal	AZST	0.72	0.56	-23%	SELL	Non-transparent reporting practices detrimentally affect Azovstal's reported earnings.
Iron Ore						
Ferrexpo	FXPO LN	138.8	125.0	-10%	SELL	Ferrexpo's lower production cost due to UAH devaluation in 2014 together with a 8% increase in output will not be sufficient to offset a projected 13% drop in the group's achieved iron ore pricing.
Pivnichny GOK	SGOK	8.19	U/R	na	U/R	On its EGM on 14 Feb 2014, SGOK's shareholders approved additional issue of 14.75mn of new shares implying 0.64% of the company's share capital.
Centralny GOK	CGOK	7.18	U/R	na	U/R	On its EGM on 19 Feb 2014, CGOK's shareholders made a decision on additional issue of 14.73mn of new shares implying 1.26% of the company's share capital.
Coke						
Avdyivka Coke	AVDK	3.08	6.2	103%	BUY	AVDK's order book is secure thanks to its integration with Metinvest, Ukraine's largest M&M holding.
Yasynivsky Coke	YASK	0.61	U/R	na	U/R	Yasynivsky Coke reported net loss of UAH 22mn for FY13 which was the first negative bottom line since 2004.
Coal						
Pokrovske Mine	SHCHZ	0.47	2.9	526%	BUY	We expect Pokrovske Mine to double its coking coal extraction to 9.5mn tonnes over 2010-15.
Railcar Manufacturing						
Krukiv Wagon	KVBZ	15.6	U/R	--	U/R	
LuganskTeplovoz	LTPL	1.40	5.2	274%	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	1917	5250	174%	BUY	Motor Sich should see its sales grow with a 2012-2016E CAGR of 9%, reaching USD 1.2bn. For 2012-2016, we forecast an average EBITDA margin of 35% and a net margin of 28%.
Turboatom	TATM	5.00	8.9	78%	BUY	We model Turboatom's revenue as increasing at 18% CAGR over 2012-2015. Deliveries of hydro and steam turbines to export markets will remain the company's key revenue drivers.
Oil & Gas						
Concern Galnaftogaz	GLNG	0.15	0.24	60%	BUY	Galnaftogaz is pursuing a plan to aggressively expand its filling station network.
Regal Petroleum	RPT	8.9	42.0	373%	BUY	We assume that Regal will be able to produce 5,200 boepd in 2014, generating USD 116mn in sales.
JKX Oil & Gas	JKX	59.5	370	522%	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	43.3	72.0	66%	BUY	DonbasEnergO is expected to pay a significant dividend from its FY13 profit that could amount to as much as UAH 5.0 per share, implying a dividend yield of 20%.
CenterEnergO	CEEN	6.21	15.00	142%	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	14.3	15.65	10%	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	39.5	90.0	128%	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	8.9	U/R	--	U/R	
Ovostar Union	OVO	68.5	109.50	60%	HOLD	The company is on its way to implementing a two-stage investment program aimed at expanding egg production capacity to 2.1bn pieces by 2017, or 3x more compared to FY12 production of 719mn eggs. Very low liquidity in the OVO stock is a major concern.
Banks						
Raiffeisen Bank Aval	BAVL	0.162	0.24	48%	BUY	We base our valuation on an assumption of the bank's fair value at 0.9x of its book value, the level at which Italian lender Intesa Sanpaolo sold its Ukrainian subsidiary in early 2014.

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	1118.18	1170.00	799.72	3.4%	2.8%	1.1%	22.9%	0.0%	0.0%	0.0%	0.0%
Steel												
Alchevsk Steel	ALMK	0.032	0.06	0.02	1.3%	1.3%	-7.2%	-17.5%	-2.1%	-1.5%	-8.4%	-40.4%
Azovstal	AZST	0.72	0.90	0.31	3.2%	4.2%	2.9%	7.5%	-0.3%	1.4%	1.7%	-15.4%
Dniprospezstal	DNSS	1,300	n/a	n/a	0.0%	0.0%	0.0%	0.0%	-3.4%	-2.8%	-1.1%	-22.9%
Enakievo Steel	ENMZ	34.5	52.0	20.0	1.9%	4.6%	-1.7%	7.9%	-1.6%	1.9%	-2.9%	-15.0%
Arcelor Mittal KR	KSTL	4.00	n/a	n/a	0.0%	0.0%	0.0%	247.8%	-3.4%	-2.8%	-1.1%	225.0%
Mariupol Ilyicha	MMKI	0.13	n/a	n/a	-7.1%	-13.3%	0.0%	30.0%	-10.6%	-16.1%	-1.1%	7.1%
Coke												
Avdivka Coke	AVDK	3.08	4.80	1.46	2.4%	3.9%	4.1%	3.9%	-1.0%	1.1%	2.9%	-19.0%
Yasynivsky Coking	YASK	0.61	0.77	0.49	1.7%	0.0%	-18.7%	15.1%	-1.7%	-2.8%	-19.8%	-7.8%
Iron Ore Mining												
Centralny GOK	CGOK	7.18	n/a	n/a	0.0%	-0.3%	-20.2%	10.5%	-3.4%	-3.1%	-21.4%	-12.4%
Ferrexpo	FXPO	2.33	3.20	2.02	-2.5%	-6.5%	-7.5%	-26.0%	-5.9%	-9.3%	-8.6%	-48.9%
Pivnichny GOK	SGOK	8.19	10.00	6.20	0.0%	5.0%	14.4%	2.4%	-3.4%	2.2%	13.3%	-20.5%
Coal Mining												
Pokrovske Mine	SHCHZ	0.47	0.70	0.10	-13.0%	-13.0%	-21.7%	17.5%	-16.4%	-15.7%	-22.8%	-5.4%
Komsomolets Donbasa	SHKD	0.95	n/a	n/a	0.0%	25.0%	-9.5%	53.2%	-3.4%	22.2%	-10.7%	30.4%
Energy Coal	CLE	0.40	1.54	0.31	1.7%	2.9%	-5.6%	14.3%	-1.7%	0.1%	-6.7%	-8.6%
Mining Machinery												
Svitlo Shakhtara	HMBZ	0.39	n/a	n/a	0.0%	0.0%	39.3%	-15.2%	-3.4%	-2.8%	38.2%	-38.1%
Pipe Manufacturing												
Khartsyzk Pipe	HRTR	0.79	0.85	0.30	-6.0%	-6.0%	-2.5%	31.7%	-9.4%	-8.7%	-3.6%	8.8%
Interpipe NMPP	NVTR	0.27	n/a	n/a	0.0%	0.0%	0.0%	28.6%	-3.4%	-2.8%	-1.1%	5.7%
Railcar Manufacturing												
Kryukiv Wagon	KVBZ	15.6	29.0	10.0	0.6%	-5.2%	-10.9%	-9.8%	-2.8%	-8.0%	-12.0%	-32.7%
Luhanskeplovoz	LTPL	1.40	2.20	1.20	0.0%	-3.4%	-9.7%	-6.7%	-3.4%	-6.2%	-10.8%	-29.5%
Stakhanov Wagon	SVGZ	1.10	n/a	n/a	7.8%	8.9%	0.0%	-15.4%	4.4%	6.1%	-1.1%	-38.3%
Specialized Machinery												
Bogdan Motors	LUAZ	0.04	0.08	0.02	-6.2%	-5.4%	-10.3%	58.5%	-9.7%	-8.2%	-11.4%	35.6%
Motor Sich	MSICH	1,917	2,545	1,303	4.2%	11.1%	5.1%	5.1%	0.8%	8.3%	4.0%	-17.8%
Sumy Frunze Engineering	SMASH	4.20	n/a	n/a	-4.5%	5.0%	11.7%	68.0%	-8.0%	2.2%	10.6%	45.1%
Turboatom	TATM	5.00	n/a	n/a	0.0%	35.1%	194.1%	42.9%	-3.4%	32.4%	193.0%	20.0%
WESTA ISIC	WES	0.16	0.26	0.13	0.0%	0.0%	-5.9%	23.8%	-3.4%	-2.8%	-7.0%	1.0%
Telecom												
Ukrtelecom	UTLM	0.17	0.19	0.09	5.2%	4.5%	5.8%	53.9%	1.7%	1.7%	4.7%	31.0%
Oil & Gas												
Regal Petroleum	RPT	0.15	0.35	0.13	-0.1%	-3.1%	-13.3%	-29.1%	-3.5%	-5.8%	-14.5%	-52.0%
JKX Oil	JKX	1.00	1.21	0.75	1.6%	8.8%	2.7%	-15.6%	-1.8%	6.0%	1.5%	-38.4%
Ukrnafta	UNAF	244	270	96	1.7%	4.3%	-2.6%	124.8%	-1.7%	1.5%	-3.7%	101.9%
Power Utilities												
Centrenerg	CEEN	6.21	7.40	2.50	4.3%	4.1%	6.1%	30.2%	0.9%	1.3%	5.0%	7.4%
Donbasenergo	DOEN	43.3	50.2	15.4	3.4%	5.7%	2.1%	56.8%	0.0%	3.0%	0.9%	33.9%
Zakhidenergo	ZAEN	135.6	137.9	64.0	0.0%	2.0%	10.2%	50.0%	-3.4%	-0.8%	9.1%	27.1%
Consumer												
Agroton	AGT	0.77	1.8	0.43	0.9%	1.7%	7.8%	18.6%	-2.5%	-1.1%	6.7%	-4.3%
Astarta	AST	12.9	24.4	12.1	-0.9%	1.3%	-1.3%	-41.9%	-4.3%	-1.5%	-2.4%	-64.8%
Avangardo	AVGR	8.9	13.0	8.26	0.0%	1.1%	-9.0%	-24.7%	-3.4%	-1.6%	-10.1%	-47.6%
Industrial Milk Company	IMC	2.81	5.14	2.49	2.9%	-6.0%	0.2%	-30.4%	-0.5%	-8.8%	-0.9%	-53.2%
Kernel	KER	8.9	19.1	7.6	3.0%	-5.0%	-6.1%	-29.4%	-0.4%	-7.8%	-7.2%	-52.3%
Mriya Agro Holding	MAYA	6.72	8.2	5.36	0.1%	5.0%	6.9%	-9.9%	-3.4%	2.2%	5.8%	-32.7%
MHPC	MHPC	14.3	19.1	11.00	-2.3%	0.4%	18.8%	-16.2%	-5.7%	-2.4%	17.7%	-39.0%
Milkiland	MLK	1.82	4.7	1.82	-3.2%	-14.8%	-26.6%	-56.3%	-6.7%	-17.6%	-27.7%	-79.2%
Ovostar Union	OVO	22.4	33.3	19.4	5.1%	6.5%	-1.4%	-32.6%	1.7%	3.7%	-2.6%	-55.5%
Sintal	SNPS	n/a	-	-	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MCB Agricole	4GW1	n/a	-	-	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Chemicals												
Stirol	STIR	13.8	n/a	n/a	0.0%	-0.4%	1.9%	10.0%	-3.4%	-3.1%	0.7%	-12.9%
Banks												
Raiffeisen Bank Aval	BAVL	0.162	0.188	0.077	3.3%	-10.1%	-8.0%	42.6%	-0.2%	-12.9%	-9.1%	19.7%
UkrSotsbank	USCB	0.158	0.257	0.115	2.9%	0.3%	1.1%	-16.0%	-0.5%	-2.5%	0.0%	-38.9%

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		
		2012	2013E	2014E	2012	2013E	2014E	2012	2013E	2014E	2012	2013E	2014E	2012	2013E	2014E
Steel																
Alchevsk Steel	ALMK	1,783	1,729	1,730	-5	-62	-14	neg	neg	neg	-127	-214	-35	neg	neg	neg
Enakievo Steel	ENMZ	1,578	1,531	1,561	-84	22	33	neg	1.5%	2.1%	9	-185	-29	0.5%	neg	neg
Azovstal	AZST	2,814	1,926	1,976	-181	-31	35	neg	neg	1.8%	-333	-308	-24	neg	neg	neg
Coke																
Avdyivka Coke	AVDK	1,090	914	784	-112	46	29	neg	5.0%	3.8%	-137	-6	-24	neg	neg	neg
Yasynivsky Coking	YASK	432	367	333	27	29	19	6.4%	7.8%	5.7%	8	-3	5	1.9%	neg	1.4%
Iron Ore Mining																
Centralny GOK	CGOK	610	679	634	232	312	279	38.0%	46.0%	44.1%	95	194	163	15.6%	28.6%	25.7%
Pivnichny GOK	SGOK	1,416	1,630	1,506	750	914	816	53.0%	56.1%	54.2%	436	548	460	30.8%	33.7%	30.5%
Ferrexpo	FXPO	1,424	1,581	1,542	402	506	447	28.2%	32.0%	29.0%	216	264	198	15.1%	16.7%	12.8%
Coal Mining																
Komsomolets Donbasa	SHKD	273	220	234	125	92	94	45.9%	41.8%	40.1%	7	17	17	2.6%	7.6%	7.3%
Coal Energy	CLE	165	126	101	63	21	9	38.0%	16.8%	8.9%	38	-17	-24	23.2%	neg	neg
Pipe Manufacturing																
Khartsyzk Pipe	HRTR	480	310	319	52	31	30	10.8%	10.1%	9.5%	34	5	5	7.0%	1.5%	1.5%
Railcar Manufacturing																
Luhanskteplovoz	LTPL	216	329	367	29	36	38	13.4%	10.8%	10.4%	5	19	23	2.2%	5.9%	6.1%
Kryukiv Wagon	KVBZ	891	424	158	135	65	15	15.2%	15.3%	9.7%	95	42	-5	10.7%	9.8%	neg
Stakhanov Wagon	SVGZ	311	172	150	7	6	5	2.3%	3.4%	3.6%	1	1	0	0.2%	0.3%	0.3%
Specialized Machinery																
Turboatom	TATM	160	214	280	51	90	96	32.2%	42.1%	34.4%	38	72	69	23.8%	33.5%	24.8%
Motor Sich	MSICH	979	1,000	950	309	274	260	31.6%	27.4%	27.4%	200	169	167	20.4%	16.9%	17.5%
Telecom																
Ukrtelecom	UTLM	838	791	611	206	190	174	24.5%	24.0%	28.5%	45	17	26	5.4%	2.2%	4.3%
Oil & Gas																
Ukrnafta	UNAF	2,554	2,589	2,713	454	286	307	17.8%	11.1%	11.3%	176	23	114	6.9%	0.9%	4.2%
Regal Petroleum	RPT	41	37	45	21	-146	26	52.2%	neg	57.0%	12	-127	2	28.3%	neg	4.4%
JKX Oil	JKX	203	181	199	136	66	68	67.1%	36.7%	34.3%	-11	7	8	neg	3.6%	3.9%
Electric Utilities																
Centrenergo	CEEN	1,119	902	805	69	84	76	6.2%	9.3%	9.4%	29	60	56	2.6%	6.6%	6.9%
Donbasenergo	DOEN	574	656	585	32	72	51	5.6%	11.0%	8.8%	4	65	46	0.7%	9.9%	7.8%
Consumer																
MHP	MHPC	1,408	1,496	1,466	468	391	479	33.2%	26.1%	32.7%	311	162	-44	22.1%	10.8%	neg
Kernel	KER	2,157	2,797	2,480	322	291	255	14.9%	10.4%	10.3%	211	105	77	9.8%	3.8%	3.1%
Astarta	AST	456	491	559	110	91	138	20.2%	15.5%	20.5%	58	34	82	10.6%	5.8%	12.2%
Avangardco	AVGR	629	661	785	280	301	373	44.5%	45.6%	47.5%	228	238	300	36.3%	36.0%	38.3%
Agroton	AGT	88	81	90	20	8	3	23.2%	9.2%	3.9%	7	-6	-1	7.7%	neg	neg
Banks																
		Total Assets			Total Equity			Total Income			Net Profit			Return on Equity		
Raiffeisen Bank Aval	BAVL	5,962	5,333	5,074	793	888	846	679	723	542	4	90	32	0.5%	10.1%	3.7%
Ukrsotsbank	USCB	4,854	5,283	4,439	957	1,064	911	451	318	400	1	1	18	0.1%	0.1%	2.0%

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		
				2012	2013E	2014E	2012	2013E	2014E	2012	2013E	2014E	2012	2013E	2013E			
Steel																		
Alchevsk Steel	ALMK	69	3.9%	3	1,418	neg	neg	neg	neg	neg	neg	0.8	0.8	0.8	366	342	332	\$/tonne
Yenakievo Steel	ENMZ	30	8.8%	3	26	3.6	neg	neg	neg	1.2	0.8	0.0	0.0	0.0	10	9	9	\$/tonne
Azovstal	AZST	253	3.0%	7	238	neg	neg	neg	neg	neg	6.7	0.1	0.1	0.1	52	53	52	\$/tonne
Coke																		
Avdyivka Coke	AVDK	50	6.8%	3	48	neg	neg	neg	neg	1.0	1.6	0.0	0.1	0.1	11	12	13	\$/tonne
Yasynivsky Coke	YASK	14	9.0%	1	15	1.7	neg	3.0	0.5	0.5	0.8	0.0	0.0	0.0	0.5	0.5	0.8	\$/tonne
Iron Ore Mining																		
Centralny GOK	CGOK	704	0.3%	2	703	7.4	3.6	4.3	3.0	2.2	2.5	1.2	1.0	1.1				
Pivnichny GOK	SGOK	1,579	0.4%	6	1,573	3.6	2.9	3.4	2.1	1.7	1.9	1.1	1.0	1.0				
Ferrexpo	FXPO	1,366	24.0%	328	2,045	6.3	5.2	6.9	5.1	4.0	4.6	1.4	1.3	1.3				
Coal Mining																		
Komsomolets Donbasa	SHKD	27	5.4%	1	129	3.7	1.6	1.6	1.0	1.4	1.4	0.5	0.6	0.6	31	30	29	\$/tonne
Coal Energy	CLE	18	25.0%	5	128	0.5	neg	neg	2.0	6.1	14.2	0.8	1.0	1.3	2.0	6.1	14.2	\$/tonne
Pipe Manufacturing																		
Khartsyzk Pipe	HRTR	172	2.0%	3	218	5.1	>30	>30	4.2	7.0	7.2	0.5	0.7	0.7	345	572	544	\$/tonne
Railcar Manufacturing																		
LuganskTeplovoz	LTPL	26	24.0%	6	63	5.3	1.3	1.1	2.2	1.8	1.6	0.3	0.2	0.2				
Krukiv Wagon	KVBZ	150	5.0%	7	150	1.6	3.6	neg	1.1	2.3	9.8	0.2	0.4	0.9				
Stakhanov Wagon	SVGZ	21	8.0%	2	53	>30	>30	>30	7.4	9.1	9.8	0.2	0.3	0.4				
Specialized Machinery																		
Turboatom	TATM	124	5.8%	7	34	3.2	1.7	1.8	0.7	0.4	0.4	0.2	0.2	0.1				
Motor Sich	MSICH	333	24.0%	80	356	1.7	2.0	2.0	1.2	1.3	1.4	0.4	0.4	0.4				
Telecom																		
Ukrtelecom	UTLM	265	7.2%	19	569	5.9	15.6	10.1	2.8	3.0	3.3	0.7	0.7	0.9				
Oil & Gas																		
Ukrnafta	UNAF	1,108	3.0%	33	1,100	6.3	>30	9.7	2.4	3.8	3.6	0.4	0.4	0.4	n/a	n/a	n/a	\$/boe
Regal Petroleum	RPT	48	21.6%	10	23	4.1	neg	23.9	1.1	neg	0.9	0.6	0.6	0.5	n/a	n/a	n/a	\$/boe
JKX Oil & Gas	JKX	172	50.4%	87	280	neg	26.4	22.0	2.1	4.2	4.1	1.4	1.6	1.4	51	38	37	\$/boe
Electric Utilities																		
CentrEnergO	CEEN	192	21.7%	42	261	6.7	3.2	3.4	3.8	3.1	3.5	0.2	0.3	0.3	15	18	16	\$/MWh
DonbasEnergO	DOEN	86	14.2%	12	152	22.4	1.3	1.9	4.8	2.1	3.0	0.3	0.2	0.3	19	20	19	\$/MWh
Consumer																		
MHP	MHPC	1,507	34.1%	514	2,635	4.8	9.3	neg	5.6	6.7	5.5	1.9	1.8	1.8				
Kernel	KER	712	61.8%	440	1,418	3.4	6.8	9.2	4.4	4.9	5.6	0.7	0.5	0.6				
Astarta	AST	323	37.0%	120	657	5.6	9.5	3.9	5.9	7.2	4.8	1.4	1.3	1.2				
Avangardco	AVGR	565	22.5%	127	765	2.5	2.4	1.9	2.7	2.5	2.0	1.2	1.2	1.0	173	132	124	\$/mneggs
Agroton	AGT	17	26.2%	4	66	2.5	neg	neg	3.2	8.7	18.9	0.7	0.8	0.7	n/a	n/a	n/a	
Banks																		
Raiffeisen Bank Aval	BAVL	407	3.5%	14		>30	4.5	12.9	0.5	0.5	0.5	0.07	0.08	0.08				
Ukrsotsbank	USCB	243	0.7%	2		>30	>30	17.9	0.3	0.2	0.3	0.07	0.06	0.07				

Source: Eavex Research

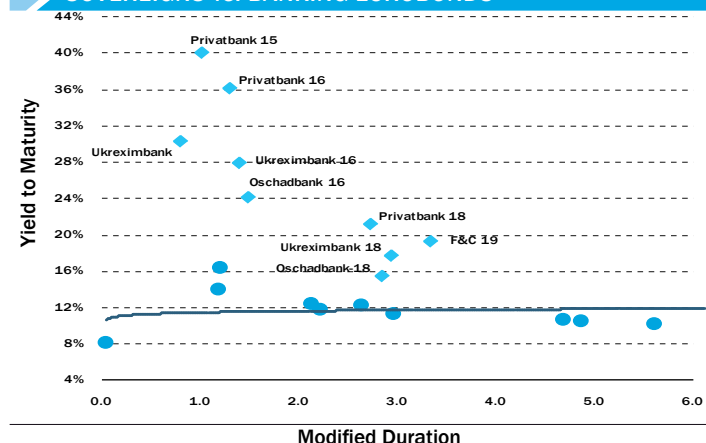
UKRAINIAN EUROBONDS

Issue	Price (Bid)	Price (Ask)	YTM (Bid)	YTM (Ask)	Price chg. (YTD)	Modified Duration	Coupon	Coupon Period	Maturity Date	Volume USD mn	Ratings ¹
Sovereign Eurobonds											
Ukraine, 2014	99.0	101.0	36.9%	-21.1%	0.0%	0.0	7.95%	S/A	4 Jun. 2014	1,000	Caa3/CCC/CCC
Naftogaz Ukraine, 2014	93.9	94.7	28.0%	25.3%	-6.2%	0.3	9.50%	S/A	30 Sept 2014	1,595	//
Ukraine, 2015 (EUR)	91.2	93.7	13.3%	10.8%	-3.7%	1.2	4.95%	A	13 Oct 2015	600*	Caa3/CCC/CCC
Ukraine, 2015	92.4	94.4	14.8%	12.7%	-4.4%	1.2	6.875%	S/A	23 Sept 2015	500	Caa3/CCC/CCC
Ukraine, 2016	90.7	92.4	11.4%	10.5%	-2.6%	2.1	6.58%	S/A	21 Nov 2016	1,000	Caa3/CCC/CCC
Ukraine, 2016-2	90.4	92.2	11.0%	10.1%	-3.2%	2.2	6.25%	S/A	17 Jun 2016	1,250	Caa3/CCC/CCC
Ukraine, 2017	89.9	91.9	10.6%	9.8%	-2.0%	3.0	6.75%	S/A	14 Nov 2017	700	Caa3/CCC/CCC
Ukraine, 2017-2	94.9	95.9	11.6%	11.2%	-3.9%	2.6	9.25%	S/A	24 Jul 2017	2,000	Caa3/CCC/CCC
Ukraine, 2017 Infr. projects	83.5	85.5	16.1%	15.1%	2.3%	2.8	8.375%	S/A	3 Nov 2017	568	Caa3//
Ukraine, 2018 Infr. projects	84.0	86.5	13.7%	12.7%	8.6%	3.2	7.40%	S/A	20 Apr 2018	690	Caa3//
Ukraine, 2020	90.0	91.5	10.2%	9.8%	-2.5%	4.7	7.75%	S/A	23 Sept 2020	1,500	Caa3/CCC/CCC
Ukraine, 2021	90.3	91.5	10.1%	9.8%	-3.0%	4.9	7.95%	S/A	23 Feb 2021	1,500	Caa3/CCC/CCC
Ukraine, 2022	88.2	89.7	10.0%	9.7%	-2.3%	5.7	7.80%	S/A	28 Nov 2022	1,250	Caa3/CCC/CCC
Ukraine, 2023	87.9	89.4	9.5%	9.3%	-2.0%	6.2	7.50%	S/A	17 Apr 2023	1,250	Caa3/CCC/CCC
Corporate Eurobonds											
Agroton, 2014	29.9	33.9	66.3%	57.0%	-38.9%	1.8	8.00%	S/A	14 Jul 2019	50	/CCC/RD
MHP, 2015	98.5	100.5	14.6%	13.0%	-3.8%	0.9	10.25%	S/A	29 Apr 2015	235	Caa2//CCC
MHP, 2020	84.9	86.9	11.9%	11.4%	-3.9%	4.4	8.25%	S/A	2 Apr 2020	750	/CCC/CCC
Avangardco, 2015	91.5	95.5	19.6%	15.4%	-6.5%	1.2	10.00%	S/A	29 Oct 2015	200	//B-
UkrLandFarming, 2018	82.0	84.6	17.5%	16.4%	-7.6%	2.9	10.88%	S/A	26 Mar 2018	275	/CCC/CCC
Mriya, 2016	90.0	95.0	20.2%	16.0%	-7.7%	1.5	10.95%	S/A	30 Mar 2016	72	/CCC/CCC
Mriya, 2018	73.8	75.5	19.3%	18.5%	-14.3%	2.9	9.45%	S/A	19 Apr 2018	400	/CCC/CCC
DTEK, 2015	91.8	92.8	24.6%	22.8%	-9.7%	0.8	9.50%	S/A	28 Apr 2015	200	Caa2//CCC
DTEK, 2018	82.1	83.0	14.0%	13.7%	-12.4%	3.1	7.88%	S/A	4 Apr 2018	750	Caa2//CCC
Metinvest, 2015	94.5	95.6	20.0%	18.3%	-6.9%	0.9	10.25%	S/A	20 May 2015	500	Caa2//CCC
Metinvest, 2018	87.2	88.4	13.6%	13.2%	-7.6%	2.9	8.75%	S/A	14 Feb 2018	750	Caa2//CCC
Ferrexpo, 2016	93.0	95.1	13.2%	11.6%	-4.0%	1.7	7.875%	S/A	07 Apr 2016	500	/CCC/CCC
UZ Rail, 2018	77.5	79.0	17.6%	17.0%	-14.7%	3.1	9.50%	S/A	21 May 2018	500	/CCC/CCC
Interepipe, 2017	74.0	75.5	23.5%	22.0%	-3.8%	2.3	10.25%	S/A	2 Aug 2017	200	//
JKX Oil&Gas, 2018	105.6	107.3	9.8%	9.3%	-4.1%	3.1	8.00%	S/A	19 Feb 2018	40	
Bank Eurobonds											
Fin&Credit Bank, 2019	65.0	75.0	21.5%	17.2%	-15.7%	3.3	9.25%	S/A	25 Jan 2019	100	Caa3//
PUMB, 2014	80.0	80.0	51.4%	51.4%	-18.8%	0.5	11.00%	Q	31 Dec 2014	275	Caa3//
Nadra Bank, 2017	65.0	70.0	61.0%	48.7%	-16.1%	2.5	8.00%	A	22 Jun 2017	175	//
PrivatBank, 2015	78.0	80.0	39.6%	36.0%	n/a	1.0	9.38%	S/A	23 Sept 2015	200	Caa3//
PrivatBank, 2016	61.5	68.0	41.8%	33.4%	-7.9%	1.3	8.75%	S/A	9 Feb 2016	150	Caa3//
PrivatBank, 2018	76.0	78.0	20.2%	19.3%	-8.0%	2.7	10.88%	S/A	28 Feb 2018	175	Caa3//CCC
UkrEximBank, 2015	91.0	91.5	23.7%	22.9%	-5.4%	0.8	8.38%	S/A	27 Apr 2015	750	Caa3//CCC
UkrEximBank, 2016	76.0	78.0	26.5%	24.4%	-9.7%	1.4	8.40%	S/A	2 Sept 2016	125	Caa3//CCC
UkrEximBank, 2018	82.7	85.7	15.0%	13.8%	-5.6%	2.9	8.75%	S/A	22 Jan 2018	500	Caa3//CCC
VAB Bank, 2014	65.0	69.0	870.7%	729.4%	-21.6%	0.0	10.50%	Q	14 Jun 2014	125	Caa3//WD
Oschadbank, 2016	84.5	86.5	21.3%	19.5%	-8.1%	1.5	8.25%	S/A	10 Mar 2016	700	Caa3//CCC
Oschadbank, 2018	79.0	82.0	16.4%	15.4%	-9.6%	3.0	8.88%	S/A	20 Mar 2018	500	Caa3//CCC
Municipal Eurobonds											
City of Kyiv, 2015	77.6	81.0	32.1%	27.8%	-14.7%	1.2	8.00%	S/A	6 Nov 2015	250	Caa3/CCC/
City of Kyiv, 2016	78.1	80.5	22.9%	21.2%	-14.4%	1.7	9.375%	S/A	30 Jun 2016	300	Caa3/CCC/

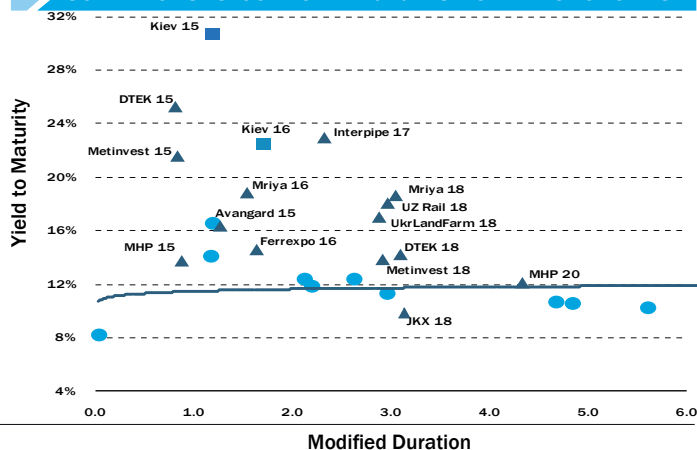
¹ Moody's/S&P/Fitch; * EUR

Source: Bloomberg, Cbonds, Eavex Research

SOVEREIGNS vs. BANKING EUROBONDS



SOVEREIGNS vs. CORPORATE and MUNICIPAL EUROBONDS



UKRAINIAN DOMESTIC BONDS

Issue	Price (Bid)	Price (Ask)	YTM (Bid)	YTM (Ask)	Modified Duration	Coupon	Coupon Period	Maturity Date	Volume mn USD
UAH denominated Bonds									
UA4000141592			19.0%	15.5%	n/a	14.30%	S/A	20 May 2015	31
UA4000142665			21.0%	16.5%	n/a	14.30%	S/A	24 May 2017	184
USD denominated Bonds									
UA4000142699	n/a	n/a	22.0%	18.0%	n/a	9.45%	S/A	22 Apr 2015	312
UA4000141071	n/a	n/a	22.0%	18.0%	n/a	9.45%	S/A	27 May 2015	152
UA4000142673	n/a	n/a	22.0%	18.0%	n/a	4.50%	S/A	17 Jun 2015	175
EUR denominated Bonds									
UA4000142681	n/a	n/a	20.0%	15.0%	n/a	4.80%	S/A	6 May 2015	40
VAT Bonds									
UA4000082531			20.0%	17.5%	n/a	5.50%	S/A	21 Aug 2015	141
UA4000082622			20.0%	17.5%	n/a	5.50%	S/A	24 Aug 2015	571
UA4000083059			20.0%	17.5%	n/a	5.50%	S/A	25 Aug 2015	415

Source: Bloomberg, Cbonds, Eavex Research

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