

Market Update

Equity

Ukraine's main equity index was sharply lower on Tuesday (Sept 9), dragged down by huge losses in Donbass-based blue chips on concerns that these companies could end up outside of Ukrainian-controlled territory in a so-called "frozen conflict" scenario, thereby bringing their business models under threat. The UX index slumped 4.7% to end at 1093 points, its lowest close since the initial phase of the war back in mid-May. Yenakievo Steel plunged by 13.9%, while Mariupol-based Azovstal, which could be hit by a permanent shortage of coke supplies even if Mariupol itself remains under Ukrainian control, slid 11.5% to 66.30 kopecks. DonbasEnergio and Avdyivka Coke lost 8.0% and 4.8% respectively, and Alchevsk Steel closed below 3 kopecks for the first time ever on a 3.9% loss. Non-Donbass blue chips UkrNafta, Raiffeisen Aval and Motor Sich were relatively unscathed, declining by a bit more than 1% each, while Poltava oblast-based Krukiv Wagon ended firmly in the black, picking up 3.2% to UAH 16 on the nose. London-listed Ukrainian names were also mostly lower, with MHP falling 1.7% and JKX Oil&Gas down 2.7%. In Warsaw, Astarta (AST PW) sold off by 6.5% to PLN 36.60 and Kernel finished nearly unchanged.

Fixed Income

Ukrainian sovereigns were down on Tuesday with Ukraine-23s falling by 2.0p.p. to close at 83.6/85.1 (10.4%/10.1%). Corporate names were also predominantly down. UkrlandFarming-18s declined by 1.0p.p. to 75.2/78.8 (21.2%/19.4%) and MHP-20s decreased by 0.3p.p. finishing at 84.9/86.8 (12.1%/11.5%).

Volume Leaders	Ticker	Last, UAH	1D ch	Volume, UAH mn	Number of Trades
Centrenergio	CEEN	7.42	-4.6%	2.3	231
Motor Sich	MSICH	2237.00	-1.2%	1.7	154
Avdyivka Coke	AVDK	2.36	-4.8%	1.3	102

Growth Leaders

Kryukiv Wagon	KVBZ	16.00	3.2%	0.22	21
Yasynivsky Coke	YASK	0.50	-0.2%	0.30	16
Ukrnafta	UNAF	319.50	-1.2%	1.11	157

Loss Leaders

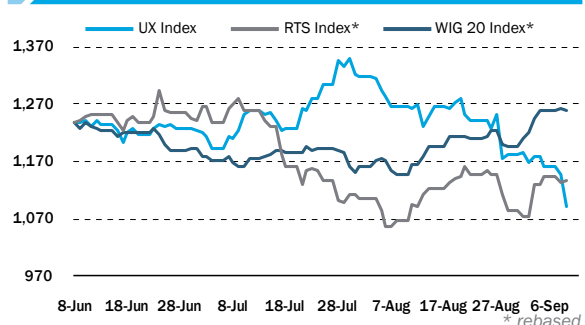
Yenakievo Steel	ENMZ	28.31	-13.9%	0.173	184
Azovstal	AZST	0.66	-11.4%	0.466	190
Luhanskteplovoz	LTPL	0.99	-8.3%	0.016	8

Highlights

STOCKS IN THE NEWS

- UkrNafta Removes Gov't Gas Confiscation From Oct 10 EGM Agenda

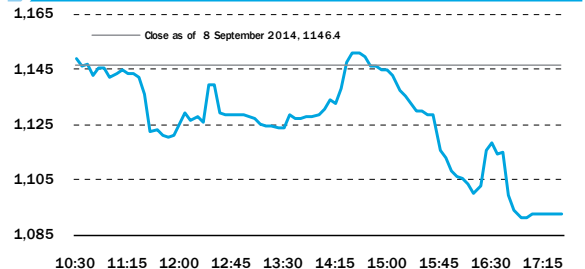
STOCK MARKET PERFORMANCE



MARKET INDEXES

	Last	1D ch	1M ch	YTD
UX	1093.1	-4.7%	-13.7%	20.1%
RTS	1246.6	0.1%	6.5%	-13.6%
WIG20	2542.9	-0.3%	9.8%	5.9%
MSCI EM	1087.5	-0.7%	4.0%	8.5%
S&P 500	1988.4	-0.7%	2.9%	8.0%

UX INTRADAY SEPTEMBER 9, 2014



FIXED INCOME

	Last	1D ch	1M ch	YTD
EMBI+Global	307.6	0.7%	-4.4%	-7.0%
CDS 5Y UKR	1045.9	4.9%	4.7%	27.5%
Ukraine-17	11.2%	1.2 p.p.	1.4 p.p.	2.2 p.p.
Naftogaz Ukr-14	50.1%	6.0 p.p.	15.4 p.p.	41.4 p.p.
Ukraine-23	10.3%	0.4 p.p.	0.7 p.p.	2.8 p.p.
Privatbank-16	36.3%	0.1 p.p.	4.5 p.p.	15.9 p.p.

CURRENCY

	Last, UAH	1D ch	1M ch	YTD
USD	12.65	-3.1%	0.8%	53.5%
EUR	16.37	-2.7%	-2.8%	43.9%
RUB	0.34	-0.1%	-1.7%	35.8%

COMMODITIES

	Last	1D ch	1M ch	YTD
Wheat, USD/t*	227.5	0.0%	-5.4%	-20.8%
Steel, USD/t	542.0	0.0%	0.8%	0.8%
Oil, USD/bbl	99.2	-1.0%	-6.1%	-10.8%
Gold, USD/oz	1255.5	0.0%	-4.2%	4.9%

*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

UkrNafta Removes Gov't Gas Confiscation From Oct 10 EGM Agenda

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UKRNAFTA (UNAF UK)

Price: UAH 320 Market Cap: USD 1,341mn

	P/B	EV/S	P/E	EV/EBITDA	Div. Yield
2013	0.6	0.5	57.6	4.7	n/a
2014E	0.8	0.5	8.3	4.1	n/a

NEWS

UkrNafta, Ukraine's largest oil producer, has removed an item regarding a natural gas contract with Naftogaz from the agenda for a special shareholders meeting (EGM) scheduled on Oct 10, the Interfax news agency reported on Tuesday (Sept 9). On the agenda for the postponed EGM originally scheduled for Sept 11, there was an item calling for UkrNafta to sign a contract with state-owned gas monopoly Naftogaz that would obligate UkrNafta to sell its gas accumulated in storage facilities to Naftogaz at a confiscatory price (Naftogaz owns half of UkrNafta). Important items for the rescheduled EGM on Oct 10 include a dividend distribution for 2011-2013 and supervisory board appointments. UkrNafta's last general shareholders meeting was held in early 2011.

COMMENTARY

We believe that we are witnessing evidence of ongoing corporate conflict between the government, which controls a 50%+1 share (via Naftogaz) in UkrNafta, and Igor Kolomoysky's Privat Group, which has a declared 42% stake in UkrNafta and de-facto manages the company. According to Ukrainian law, the quorum for a general shareholders meeting is 60%. We think that the item regarding UkrNafta giving up its gas at a distressed price was the main obstacle to holding the EGM this week. UkrNafta extracts about 2.0bn cubic meters (cu-m) of natural gas per year, which at the current European prices near USD 385/1000 cu-m would be worth some USD 770mn, while Naftogaz is trying to force it to sell at only USD 45 per cu-m for so-called "needs of the population". It appears to us that Privat was able to eliminate this controversial item from the EGM agenda and will be ready to participate in the upcoming meeting on Oct 10, thereby providing a quorum that will allow major decisions to be passed. We believe that if the meeting is held, a dividend payout of UAH 49.1 per share (15.4% dividend yield) will be approved.

EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
Steel&Pipes						
Azovstal	AZST	0.66	0.56	-16%	SELL	Non-transparent reporting practices detrimentally affect Azovstal's reported earnings.
Iron Ore						
Ferrexpo	FXPO LN	131.0	108.0	-18%	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	8.20	U/R	-	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	7.00	U/R	-	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	2.36	U/R	-	Susp.	Avdyivka Coke was forced to shut down operations amid military conflict in the region.
Yasynivsky Coke	YASK	0.50	U/R	-	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	0.49	2.9	502%	BUY	We expect Pokrovske Mine to double its coking coal extraction to 9.5mn tonnes over 2010-15.
Railcar Manufacturing						
Krukiv Wagon	KVBZ	16.0	U/R	-	U/R	
LuganskTeplovoz	LTPL	0.99	U/R	-	U/R	LuganskTeplovoz was forced to shut down operations amid military conflict in the region.
Specialized Machinery						
Motor Sich	MSICH	2237	5250	135%	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	7.3	U/R	-	U/R	We assume that Regal will be able to produce 5,200 boepd in 2014, generating USD 116mn in sales.
JKX Oil & Gas	JKX	44.8	U/R	-	U/R	The launch of extraction at JKX's Russian gas field has lifted output, but the company's higher-margin Ukrainian operations continue to lag behind expectations.
Power Utilities						
DonbasEnergO	DOEN	26.0	72.0	177%	BUY	DonbasEnergO is expected to continue practice of 30% dividend payout in a medium term.
CenterEnergO	CEEN	7.42	15.00	102%	BUY	CentrEnergO's privatization has been postponed, but the company retains a strong fundamental value due to its large installed electricity generation capacity.
Consumer						
MHP	MHPC	11.9	15.65	32%	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	36.6	90.0	146%	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	8.2	8.93	9%	HOLD	The company's FY14 results will be hit by the hryvnia devaluation, while next year's likely elimination of the special VAT regime for large agro producers bodes poorly for FY15 earnings.
Ovostar Union	OVO	70.5	58.74	-17%	SELL	Ovostar is one of the hardest-hit Ukrainian public companies from this year's UAH devaluation as some 70% of its production cost is linked to USD while only 7% of revenue earned in hard currency. Capacity expansion project for 2014-16 will likely be delayed, according to the management.
Banks						
Raiffeisen Bank Aval	BAVL	0.132	0.24	83%	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	1093.07	1368.76	799.72	-4.7%	-6.4%	-13.7%	20.1%	0.0%	0.0%	0.0%	0.0%
Steel												
Alchevsk Steel	ALMK	0.030	0.06	0.02	-3.9%	-6.3%	-16.7%	-22.9%	0.8%	0.2%	-3.0%	-43.1%
Azovstal	AZST	0.66	0.95	0.35	-11.4%	-15.0%	-26.3%	-1.0%	-6.7%	-8.6%	-12.6%	-21.2%
Dniprospeztstal	DNSS	175	n/a	n/a	0.0%	-30.0%	-30.0%	-86.5%	4.7%	-23.6%	-16.3%	-106.6%
Enakievo Steel	ENMZ	28.3	65.0	17.0	-14.1%	-16.7%	-35.0%	-11.6%	-9.4%	-10.3%	-21.3%	-31.7%
Arcelor Mittal KR	KSTL	4.00	n/a	n/a	0.0%	0.0%	0.0%	247.8%	4.7%	6.4%	13.7%	227.7%
Mariupol Ilyicha	MMKI	0.10	n/a	n/a	0.0%	0.0%	-9.1%	0.0%	4.7%	6.4%	4.6%	-20.1%
Coke												
Avdyivka Coke	AVDK	2.36	4.80	1.46	-4.8%	-13.2%	-23.6%	-20.2%	-0.1%	-6.8%	-9.9%	-40.3%
Yasnyivsky Coking	YASK	0.50	0.84	0.30	0.0%	-13.8%	-27.5%	-5.7%	4.7%	-7.4%	-13.8%	-25.8%
Iron Ore Mining												
Centralny GOK	CGOK	7.00	n/a	n/a	0.0%	2.2%	7.7%	7.7%	4.7%	8.6%	21.4%	-12.4%
Ferrexpo	FXPO	131.0	199.0	121.8	0.0%	2.3%	1.8%	-31.4%	4.7%	8.8%	15.5%	-51.5%
Pivnichny GOK	SGOK	8.20	9.80	4.50	-2.4%	0.6%	3.1%	2.5%	2.3%	7.0%	16.8%	-17.6%
Coal Mining												
Pokrovske Mine	SHCHZ	0.49	0.79	0.10	-3.9%	-2.0%	-24.6%	22.5%	0.7%	4.4%	-10.9%	2.4%
Komsomolets Donbasa	SHKD	0.50	n/a	n/a	11.1%	-21.9%	-37.5%	-19.4%	15.8%	-15.4%	-23.8%	-39.5%
Energy Coal	CLE	0.96	2.86	0.55	-7.7%	52.4%	3.2%	-8.6%	-3.0%	58.8%	16.9%	-28.7%
Mining Machinery												
Svitlo Shakhtara	HMBZ	0.30	n/a	n/a	0.0%	0.0%	0.0%	-34.8%	4.7%	6.4%	13.7%	-54.9%
Pipe Manufacturing												
Khartsyzk Pipe	HRTR	0.50	1.01	0.30	0.0%	-9.1%	-28.6%	-16.7%	4.7%	-2.7%	-14.9%	-36.8%
Interpipe NMPP	NVTR	0.35	n/a	n/a	0.0%	16.7%	16.7%	66.7%	4.7%	23.1%	30.4%	46.6%
Railcar Manufacturing												
Kryukiv Wagon	KVBZ	16.0	26.0	10.0	3.2%	3.2%	-6.4%	-7.5%	7.8%	9.7%	7.3%	-27.6%
Luhanskeplovoz	LTPL	0.99	1.80	0.85	-8.3%	-2.9%	-5.7%	-34.0%	-3.7%	3.5%	8.0%	-54.1%
Stakhanov Wagon	SVGZ	0.50	n/a	n/a	-37.5%	-29.6%	-53.3%	-61.5%	-32.8%	-23.1%	-39.6%	-81.7%
Specialized Machinery												
Bogdan Motors	LUAZ	0.05	0.08	0.02	0.0%	9.4%	4.6%	79.6%	4.7%	15.9%	18.3%	59.5%
Motor Sich	MSICH	2,237	2,879	1,303	-1.2%	-1.4%	-7.3%	22.6%	3.4%	5.1%	6.4%	2.5%
Sumy Frunze Engineering	SMASH	2.34	n/a	n/a	0.0%	-22.0%	-22.0%	-6.4%	4.7%	-15.6%	-8.3%	-26.5%
Turboatom	TATM	4.50	n/a	n/a	0.0%	-13.5%	-9.1%	28.6%	4.7%	-7.0%	4.6%	8.5%
WESTA ISIC	WES	0.30	0.80	0.21	0.0%	42.9%	3.4%	-25.0%	4.7%	49.3%	17.1%	-45.1%
Telecom												
Ukrtelecom	UTLM	0.19	0.20	0.09	-0.5%	-7.5%	3.6%	68.2%	4.1%	-1.1%	17.3%	48.1%
Oil & Gas												
Regal Petroleum	RPT	7.25	16.63	4.88	-0.1%	20.8%	28.9%	-43.1%	4.5%	27.3%	42.6%	-63.2%
JKX Oil	JKX	44.75	75.00	36.00	-2.7%	-1.1%	22.6%	-37.6%	1.9%	5.3%	36.3%	-57.7%
Ukrnafta	UNAF	320	370	54	-1.4%	-2.0%	5.5%	194.2%	3.2%	4.4%	19.2%	174.1%
Power Utilities												
Centrenerg	CEEN	7.42	8.70	2.50	-4.8%	-2.6%	-5.1%	55.7%	-0.2%	3.8%	8.6%	35.6%
Donbasenergo	DOEN	26.0	50.2	11.0	-7.6%	-23.8%	-34.8%	-5.7%	-2.9%	-17.4%	-21.1%	-25.8%
Zakhidenergo	ZAEN	129.0	157.0	64.0	-0.8%	-0.8%	-13.4%	42.7%	3.9%	5.7%	0.3%	22.6%
Consumer												
Agroton	AGT	2.08	5.5	1.79	-5.9%	14.9%	-1.0%	6.7%	-1.2%	21.3%	12.7%	-13.4%
Astarta	AST	36.6	73.7	34.4	-6.5%	1.7%	6.1%	-45.3%	-1.8%	8.1%	19.8%	-65.4%
Avangardo	AVGR	8.2	13.0	8.20	0.0%	-2.4%	-2.8%	-30.2%	4.7%	4.1%	10.9%	-50.3%
Industrial Milk Company	IMC	8.35	15.50	7.60	0.0%	2.2%	1.8%	-31.3%	4.7%	8.6%	15.5%	-51.4%
Kernel	KER	25.3	53.9	23.2	-0.2%	7.0%	-7.6%	-33.5%	4.4%	13.5%	6.1%	-53.7%
Mriya Agro Holding	MAYA	1.81	6.0	1.44	-4.7%	0.1%	-23.9%	-66.5%	0.0%	6.5%	-10.2%	-86.6%
MHPC	MHPC	11.9	18.5	10.91	-1.7%	6.7%	-0.8%	-30.0%	3.0%	13.2%	12.9%	-50.2%
Milkiland	MLK	4.80	14.2	4.16	-2.0%	15.4%	-4.0%	-61.6%	2.6%	21.8%	9.7%	-81.7%
Ovostar Union	OVO	70.5	103.0	59.4	-0.6%	4.3%	0.7%	-29.5%	4.1%	10.7%	14.4%	-49.6%
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	12.2	n/a	n/a	1.7%	16.7%	10.9%	-2.4%	6.3%	23.2%	24.6%	-22.5%
Banks												
Raiffeisen Bank Aval	BAVL	0.132	0.190	0.085	-1.6%	2.9%	-7.7%	15.9%	3.0%	9.3%	6.0%	-4.3%
UkrSotsbank	USCB	0.154	0.257	0.090	-9.2%	-9.5%	-13.2%	-18.0%	-4.5%	-3.0%	0.5%	-38.1%

Source: Bloomberg

* companies listed abroad are in traded currency

MAIN FINANCIAL FORECASTS, USD mn

Name	Ticker	Net Sales			EBITDA			EBITDA margin			Net Profit			Net Profit margin		
		2012	2013	2014E	2012	2013	2014E	2012	2013	2014E	2012	2013	2014E	2012	2013	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	1,449	402	506	492	28.2%	32.0%	33.9%	216	264	277	15.1%	16.7%	19.1%
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	271	52	31	26	10.8%	10.1%	9.5%	34	5	4	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	196	51	90	73	32.2%	42.1%	37.3%	38	72	65	23.8%	33.5%	33.0%
Motor Sich	MSICH	979	1,000	950	309	274	260	31.6%	27.4%	27.4%	200	169	188	20.4%	16.9%	19.7%
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	2,543	454	286	323	17.8%	11.1%	12.7%	176	23	161	6.9%	0.9%	6.3%
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	915	714	69	94	44	6.2%	10.3%	6.1%	29	60	21	2.6%	6.5%	2.9%
Donbasenergo	DOEN	574	656	512	32	72	45	5.6%	11.0%	8.8%	4	65	40	0.7%	9.9%	7.8%
Consumer																
MHP	MHPC	1,408	1,496	1,306	468	391	479	33.2%	26.1%	36.7%	311	162	-44	22.1%	10.8%	neg
Kernel	KER	2,157	2,797	2,480	322	291	175	14.9%	10.4%	7.1%	211	105	47	9.8%	3.8%	1.9%
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	594	280	301	234	44.5%	45.6%	39.5%	228	238	164	36.3%	36.0%	27.6%
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	3,966	793	888	610	679	723	460	4	90	-40	0.5%	10.1%	-6.6%
Ukrspotsbank	USCB	4,854	5,283	3,777	957	1,064	775	451	318	400	1	1	15	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	2013	2014E	2012	2013	2014E	2012	2013	2014E	2012	2013	2013E			
Steel																		
Alchevsk Steel	ALMK	61	3.9%	2	1,410	neg	neg	neg	neg	neg	neg	0.8	0.8	0.8	364	340	330	\$/tonne
Yenakievo Steel	ENMZ	24	8.8%	2	20	2.8	neg	neg	neg	0.9	0.6	0.0	0.0	0.0	7	7	7	\$/tonne
Azovstal	AZST	220	3.0%	7	205	neg	neg	neg	neg	neg	5.8	0.1	0.1	0.1	45	45	45	\$/tonne
Coke																		
Avdyivka Coke	AVDK	36	6.8%	2	34	neg	neg	neg	neg	0.7	1.1	0.0	0.0	0.0	8	9	9	\$/tonne
Yasynivsky Coke	YASK	11	9.0%	1	12	1.3	neg	2.3	0.4	0.4	0.6	0.0	0.0	0.0	0.4	0.4	0.6	\$/tonne
Iron Ore Mining																		
Centralny GOK	CGOK	648	0.3%	2	647	6.8	3.3	4.0	2.8	2.1	2.3	1.1	1.0	1.0				
Pivnichny GOK	SGOK	1,494	0.4%	6	1,487	3.4	2.7	3.2	2.0	1.6	1.8	1.1	0.9	1.0				
Ferrexpo	FXPO	1,237	24.0%	297	1,916	5.7	4.7	4.5	4.8	3.8	3.9	1.3	1.2	1.3				
Coal Mining																		
Komsomolets Donbasa	SHKD	13	5.4%	1	115	1.8	0.8	0.8	0.9	1.3	1.2	0.4	0.5	0.5	28	27	26	\$/tonne
Coal Energy	CLE	44	25.0%	11	154	1.1	neg	neg	2.4	7.3	17.1	0.9	1.2	1.5	2.4	7.3	17.1	\$/tonne
Pipe Manufacturing																		
Khartsyzk Pipe	HRTR	103	2.0%	2	148	3.0	21.9	25.0	2.9	4.7	5.8	0.3	0.5	0.5	236	391	371	\$/tonne
Railcar Manufacturing																		
LuganskTeplovoz	LTPL	17	24.0%	4	54	3.5	0.9	0.8	1.9	1.5	1.4	0.3	0.2	0.1				
Kruiiv Wagon	KVBZ	145	5.0%	7	145	1.5	3.5	neg	1.1	2.2	9.4	0.2	0.3	0.9				
Stakhanov Wagon	SVGZ	9	8.0%	1	41	15.2	16.8	19.3	5.8	7.1	7.6	0.1	0.2	0.3				
Specialized Machinery																		
Turboatom	TATM	117	5.8%	7	57	3.1	1.6	1.8	1.1	0.6	0.8	0.4	0.3	0.3				
Motor Sich	MSICH	367	24.0%	88	359	1.8	2.2	2.0	1.2	1.3	1.4	0.4	0.4	0.4				
Telecom																		
Ukrtelecom	UTLM	274	7.2%	20	577	6.0	16.1	10.4	2.8	3.0	3.3	0.7	0.7	0.9				
Oil & Gas																		
Ukrnafta	UNAF	1,370	3.0%	41	1,362	7.8	>30	8.5	3.0	4.8	4.2	0.5	0.5	0.5	n/a	n/a	n/a	\$/boe
Regal Petroleum	RPT	38	21.6%	8	12	3.2	neg	18.8	0.6	neg	0.5	0.3	0.3	0.3	n/a	n/a	n/a	\$/boe
JKX Oil & Gas	JKX	124	50.4%	62	232	neg	19.1	15.9	1.7	3.5	3.4	1.1	1.3	1.2	42	32	31	\$/boe
Electric Utilities																		
CentrEnergO	CEEN	217	21.7%	47	285	7.5	3.6	10.4	4.1	3.0	6.5	0.3	0.3	0.4	16	21	18	\$/MWh
DonbasEnergO	DOEN	49	14.2%	7	114	12.7	0.7	1.2	3.6	1.6	2.5	0.2	0.2	0.2	14	15	14	\$/MWh
Consumer																		
MHP	MHPC	1,257	34.1%	429	2,385	4.0	7.8	neg	5.1	6.1	5.0	1.7	1.6	1.8				
Kernel	KER	620	61.8%	383	1,326	2.9	5.9	13.2	4.1	4.6	7.6	0.6	0.5	0.5				
Astarta	AST	281	37.0%	104	603	4.8	8.3	3.4	5.5	6.6	4.4	1.3	1.2	1.1				
Avangardco	AVGR	524	22.5%	118	630	2.3	2.2	3.2	2.3	2.1	2.7	1.0	1.0	1.1	142	108	102	\$/mneggs
Agroton	AGT	14	26.2%	4	63	2.0	neg	neg	3.1	8.4	18.1	0.7	0.8	0.7	n/a	n/a	n/a	
Banks																		
							P/E			P/Book				P/Assets				
Raiffeisen Bank Aval	BAVL	312	3.5%	11		>30	3.5	neg	0.4	0.4	0.5	0.05	0.06	0.08				
Ukrsotsbank	USCB	224	1.0%	2		>30	>30	21.1	0.3	0.2	0.3	0.07	0.06	0.08				

Source: Eavex Research

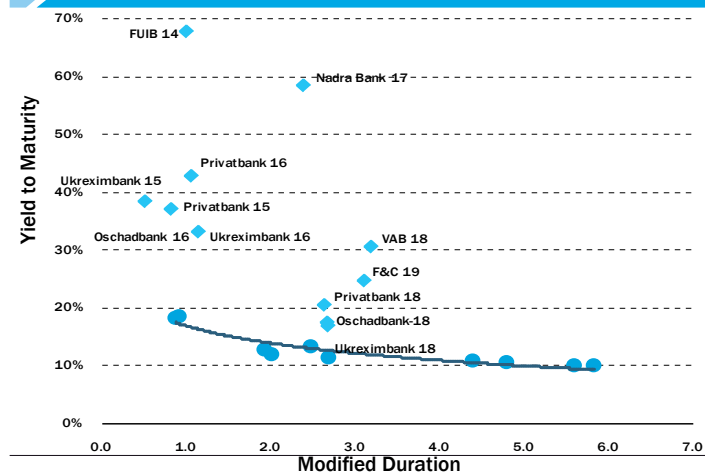
UKRAINIAN EUROBONDS

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											
Naftogaz Ukraine, 2014	97.6	98.2	56.1%	44.2%	-2.6%	0.0	9.50%	S/A	30 Sept 2014	1,595	//
Ukraine, 2015 (EUR)	91.9	93.9	15.8%	13.0%	-3.2%	0.9	4.95%	A	13 Oct 2015	600*	Caa3/CCC/CCC
Ukraine, 2015	94.1	95.8	16.2%	13.7%	-2.8%	0.9	6.875%	S/A	23 Sept 2015	500	Caa3/CCC/CCC
Ukraine, 2016	88.9	90.9	13.5%	12.2%	-4.3%	1.9	6.58%	S/A	21 Nov 2016	1,000	Caa3/CCC/CCC
Ukraine, 2016-2	89.4	91.4	12.5%	11.3%	-4.2%	2.0	6.25%	S/A	17 Jun 2016	1,250	Caa3/CCC/CCC
Ukraine, 2017	87.3	89.3	12.3%	11.4%	-4.8%	2.6	6.75%	S/A	14 Nov 2017	700	Caa3/CCC/CCC
Ukraine, 2017-2	91.8	93.6	13.6%	12.8%	-6.5%	2.4	9.25%	S/A	24 Jul 2017	2,000	Caa3/CCC/CCC
Ukraine, 2017 Infr. projects	94.0	95.5	12.0%	11.3%	14.7%	2.6	8.375%	S/A	3 Nov 2017	568	Caa3//
Ukraine, 2018 Infr. projects	84.6	86.6	14.4%	13.4%	9.0%	2.9	7.40%	S/A	20 Apr 2018	690	Caa3//
Ukraine, 2020	87.5	89.0	11.1%	10.7%	-5.2%	4.4	7.75%	S/A	23 Sept 2020	1,500	Caa3/CCC/CCC
Ukraine, 2021	87.7	88.7	10.9%	10.7%	-5.9%	4.8	7.95%	S/A	23 Feb 2021	1,500	Caa3/CCC/CCC
Ukraine, 2022	85.2	87.2	10.7%	10.3%	-5.4%	5.5	7.80%	S/A	28 Nov 2022	1,250	Caa3/CCC/CCC
Ukraine, 2023	83.6	85.1	10.4%	10.1%	-6.8%	5.8	7.50%	S/A	17 Apr 2023	1,250	Caa3/CCC/CCC
Corporate Eurobonds											
Agroton, 2019	30.0	35.1	78.8%	62.3%	-37.6%	1.7	8.00%	S/A	14 Jul 2019	50	//RD
MHP, 2015	97.0	98.0	15.4%	13.6%	-5.8%	0.6	10.25%	S/A	29 Apr 2015	235	Caa2//CCC
MHP, 2020	84.9	86.8	12.1%	11.5%	-3.9%	4.1	8.25%	S/A	2 Apr 2020	750	/CCC/CCC
Avangardco, 2015	87.0	90.0	34.6%	28.3%	-9.7%	0.9	10.00%	S/A	29 Oct 2015	200	/CCC/
UkrLandFarming, 2018	75.2	78.8	21.2%	19.4%	-14.6%	2.5	10.88%	S/A	26 Mar 2018	275	/CCC/CCC
Mriya, 2016	30.0	41.0	142.0%	100.3%	-64.6%	na	10.95%	S/A	30 Mar 2016	72	/SD/C
Mriya, 2018	30.0	40.0	63.9%	48.5%	-59.8%	2.0	9.45%	S/A	19 Apr 2018	400	/SD/C
DTEK, 2015	71.0	73.0	75.2%	69.2%	-29.6%	0.4	9.50%	S/A	28 Apr 2015	200	Caa2//CCC
DTEK, 2018	62.0	64.0	24.4%	23.3%	-33.2%	2.6	7.88%	S/A	4 Apr 2018	750	Caa2//CCC
Metinvest, 2015	78.0	80.0	51.9%	47.3%	-22.9%	0.5	10.25%	S/A	20 May 2015	500	Caa2//CCC
Metinvest, 2018	66.1	68.6	26.0%	24.3%	-29.1%	2.5	8.75%	S/A	14 Feb 2018	750	Caa2//CCC
Ferrexpo, 2016	93.0	94.5	15.0%	13.4%	-4.3%	1.4	7.875%	S/A	07 Apr 2016	500	/CCC/CCC
UZ Rail, 2018	78.0	79.8	17.9%	17.1%	-14.0%	2.8	9.50%	S/A	21 May 2018	500	/CCC/CCC
Interpipe, 2017	55.0	65.0	45.7%	32.3%	-28.5%	1.8	10.25%	S/A	2 Aug 2017	200	//
JKX Oil&Gas, 2018	89.7	91.3	15.7%	15.0%	-18.5%	2.8	8.00%	S/A	19 Feb 2018	40	
Bank Eurobonds											
Fin&Credit Bank, 2019	55.0	65.0	27.6%	22.1%	-27.7%	3.1	9.25%	S/A	25 Jan 2019	100	Caa3//
PUMB, 2014	71.0	71.0	146.8%	146.8%	-27.9%	0.1	11.00%	Q	31 Dec 2014	275	Caa3//
Nadra Bank, 2018	50.0	55.0	77.2%	64.5%	-34.8%	2.4	6.25%	A	31 Jul 2018	60	//
PrivatBank, 2015	76.0	81.0	40.0%	32.5%	-13.7%	0.8	9.38%	S/A	23 Sept 2015	200	Caa3//
PrivatBank, 2016	66.0	71.0	46.4%	38.0%	-9.9%	1.1	8.75%	S/A	9 Feb 2016	150	Caa3//
PrivatBank, 2018	76.0	79.3	21.0%	19.4%	-7.3%	2.6	10.88%	S/A	28 Feb 2018	175	Caa3//CCC
UkrEximBank, 2015	84.0	86.0	39.6%	35.1%	-11.9%	0.5	8.38%	S/A	27 Apr 2015	750	Caa3//CCC
UkrEximBank, 2016	63.0	68.0	43.6%	36.9%	-23.2%	1.0	8.40%	S/A	2 Sept 2016	125	Caa3//CCC
UkrEximBank, 2018	77.6	79.0	17.9%	17.2%	-12.2%	2.7	8.75%	S/A	22 Jan 2018	500	Caa3//CCC
VAB Bank, 2019	60.0	65.0	32.7%	28.9%	-26.9%	2.0	9.00%	Q	14 Jun 2019	88	//WD
Oschadbank, 2016	80.0	82.0	33.3%	30.1%	-13.0%	1.2	8.25%	S/A	10 Mar 2016	700	Caa3//CCC
Oschadbank, 2018	77.2	79.7	17.9%	16.6%	-11.9%	2.7	8.88%	S/A	20 Mar 2018	500	Caa3//CCC
Municipal Eurobonds											
City of Kyiv, 2015	79.0	81.0	43.5%	38.8%	-13.9%	0.9	8.00%	S/A	6 Nov 2015	250	Caa3/CCC/
City of Kyiv, 2016	79.8	81.5	23.6%	22.2%	-13.0%	1.5	9.375%	S/A	30 Jun 2016	300	Caa3/CCC/

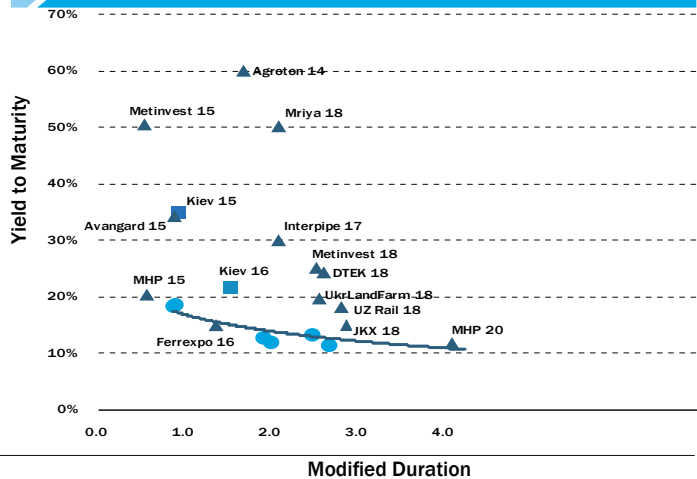
¹ Moody's/S&P/Fitch; * EUR

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			16.5%	15.0%	n/a	14.30%	S/A	20 May 2015	31
UA4000142665			19.0%	18.0%	n/a	14.30%	S/A	24 May 2017	184
USD denominated Bonds									
UA4000142699	n/a	n/a	12.5%	12.0%	n/a	9.45%	S/A	22 Apr 2015	312
UA4000141071	n/a	n/a	12.5%	12.0%	n/a	9.45%	S/A	27 May 2015	152
UA4000142673	n/a	n/a	12.5%	12.0%	n/a	4.50%	S/A	17 Jun 2015	175
EUR denominated Bonds									
UA4000142681	n/a	n/a	12.5%	12.0%	n/a	4.80%	S/A	6 May 2015	40
VAT Bonds									
UA4000082531			18.5%	16.5%	n/a	5.50%	S/A	21 Aug 2015	141
UA4000082622			18.5%	16.5%	n/a	5.50%	S/A	24 Aug 2015	571
UA4000083059			18.5%	16.5%	n/a	5.50%	S/A	25 Aug 2015	415

Source: Bloomberg, Cbonds, Eavex Research

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