

## Market Update

### Equity

Ukrainian equities ended lower for the second straight session after the anti-government protests in Kiev escalated into fiery street battles. The UX index shed 0.9% to close at 886 points. Heavyweight Motor Sich (MSICH UK) was the worst performing blue chip tumbling 4.6% to UAH 1,830 per share. However, there were also notable gainers among the UX index components. In particular, Azovstal (AZST UK) rose by 4.2% and Avdyivka Coke (AVDK UK) added 3.0%. In the second division, UkrTelecom (UTLM UK) increased by 3.0% after the news about possible changes in the company's management. In London trading Ukrainian poultry producer MHP (MHPC LI) declined by 1.6% further retreating from the recent local peak. In Warsaw Kernel (KER PW) and Astarta (AST PW) were unchanged while Agrotion (AGT PW) inched up by 0.5%.

### Fixed Income

Ukrainian sovereigns were mostly down on Tuesday with Ukraine-23s declined by 0.7p.p. to 93.0/94.0 (8.6%/8.4%). Corporate names also finished in the red. MHP-15s and Metinvest-18s decreased by 1.0p.p. and 1.2p.p. to 103.6/104.3 (7.7%/7.1%) and 97.3/98.7 (9.7%/9.3%), respectively.

Volume Leaders	Ticker	Last, UAH	1D ch	Volume, UAH mn	Number of Trades
Мотор Сич	MSICH	1830.00	-4.6%	2.3	159
Укрнафта	UNAF	110.50	-1.9%	0.7	19
Центрэнерго	CEEN	4.600	0.9%	0.4	28

### Growth Leaders

Азовсталь	AZST	0.62	4.2%	0.01	11
Авдеевский КХЗ	AVDK	2.776	3.0%	0.16	15
Центрэнерго	CEEN	4.60	0.9%	0.35	28

### Loss Leaders

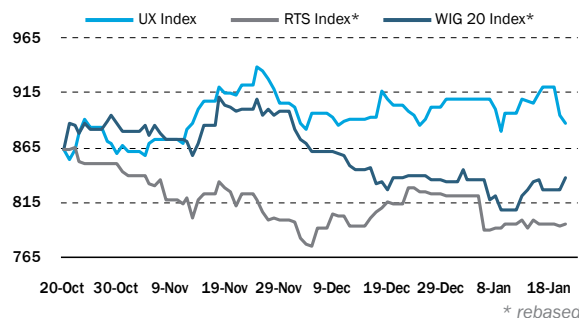
Мотор Сич	MSICH	1,830.00	-4.6%	2.27	159
Райффайзен Банк Аваль	BAVL	0.11	-2.4%	0.02	14
Укрнафта	UNAF	110.50	-1.9%	0.71	19

## Highlights

### POLITICS AND ECONOMICS

- > Two Protesters Dead as Tension Escalates on Hrushevsky Street

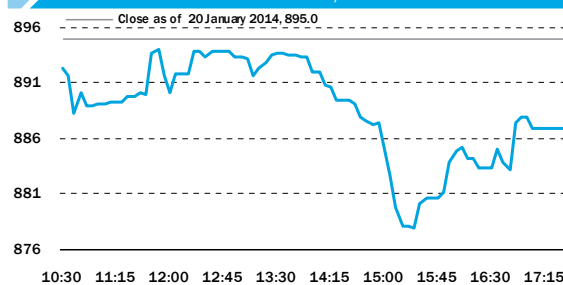
## STOCK MARKET PERFORMANCE



## MARKET INDEXES

	Last	1D ch	1M ch	YTD
UX	886.9	-0.9%	-1.9%	-2.5%
RTS	1395.9	0.1%	-2.4%	-3.2%
WIG20	2411.3	1.3%	0.1%	0.4%
MSCI EM	970.8	0.0%	-1.8%	-3.1%
S&P 500	1843.8	0.3%	1.4%	0.1%

## UX INTRADAY JANUARY 21, 2014



## FIXED INCOME

	Last	1D ch	1M ch	YTD
EMBI+Global	340.9	0.2%	2.4%	3.1%
CDS 5Y UKR	745.0	3.8%	-6.9%	-9.2%
Ukraine-17	8.5%	0.1 p.p.	-0.4 p.p.	1.0 p.p.
Naftogaz Ukr-14	8.7%	0.9 p.p.	-1.5 p.p.	-0.1 p.p.
Ukraine-23	8.7%	0.2 p.p.	-0.4 p.p.	-0.5 p.p.
Privatbank-16	18.2%	0.0 p.p.	-4.7 p.p.	-6.5 p.p.

## CURRENCY

	Last, UAH	1D ch	1M ch	YTD
USD	8.41	0.3%	2.1%	2.0%
EUR	11.40	0.4%	1.3%	0.3%
RUB	0.25	-0.1%	-0.7%	-1.5%

## COMMODITIES

	Last	1D ch	1M ch	YTD
Wheat, USD/t*	268.2	0.0%	-6.7%	-6.7%
Steel, USD/t	542.5	0.0%	1.9%	0.9%
Oil, USD/bbl	106.7	0.4%	-4.1%	-4.0%
Gold, USD/oz	1241.4	-1.1%	3.2%	3.8%

\*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

## Two Protesters Dead as Tension Escalates on Hrushevsky Street

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### NEWS

Two protesters were reported dead on Hrushevsky Street in central Kyiv on Wednesday morning (Jan 22) as riot police stormed barricades set up to separate them from projectile-throwing anti-government demonstrators. The Ukrayinska Pravda media outlet said that one individual was hit by a burning object, while the Kyiv Post wrote that another had died of gunshot wounds. The police subsequently retreated back to their previous positions, and the standoff that began on Sunday night has resumed, with a large number of protesters returning to the scene. In other political news, UDAR party leader yesterday failed to secure a meeting with President Yanukovich at the presidential administration, instead holding talks with national security council chief Andriy Kluyev and presidential advisor Andriy Portnov. Klitschko has in recent days come under criticism from opposition quarters for his efforts to stop the violent elements in the opposition from their attacks on the police.

### COMMENTARY

The first deaths of the two-month EuroMaidan protest unfortunately look like the logical escalation of the violence that has marred the movement in recent days and of a situation where the two sides are refusing to compromise or respect the other's position. As the top opposition leader, Klitschko will soon be forced to make a choice about whether he will side with the violent protesters who are increasingly dominating the opposition movement, or risk his credibility by taking a more moderate position. We note that Russia's Foreign Minister Sergey Lavrov issued a statement yesterday criticizing Western governments for supporting the violence with visits by their foreign policy officials to the EuroMaidan, and we view this as a sign that the ongoing projectile attacks on police by "radical Ukrainian nationalists" are aiding the Kremlin's efforts to discredit the EuroMaidan movement and Ukrainian independence in general.

## EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
<b>Steel&amp;Pipes</b>						
Azovstal	AZST	0.62	0.56	-11%	SELL	Non-transparent reporting practices detrimentally affect Azovstal's reported earnings.
<b>Iron Ore</b>						
Ferrexpo	FXPO LN	171.4	218.0	27%	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	8.00	14.5	81%	BUY	Secure demand for Pivnichny GOK's iron ore products and lucrative pricing allow the company to operate with high profitability (EBITDA margin of not lower than 45% since 2009). Disadvantages of the stock are its low liquidity and no dividend in 2013 for the first time since 2005.
Centralny GOK	CGOK	6.30	10.6	69%	BUY	Centralny GOK operates in the highly profitable iron ore industry; its EBITDA margin has remained above 35% since 2009. Disadvantages of the stock are its low liquidity and no dividend in 2013 for the first time since 2005.
<b>Coke</b>						
Avdyivka Coke	AVDK	2.78	6.2	125%	BUY	AVDK's order book is secure thanks to its integration with Metinvest, Ukraine's largest M&M holding.
Yasynivsky Coke	YASK	0.55	3.4	525%	BUY	Yasynivsky Coke benefits from steady demand for its output both in Ukraine & abroad thanks to the high quality of its coke relative to other domestic producers.
<b>Coal</b>						
Pokrovske Mine	SHCHZ	0.35	2.9	739%	BUY	We expect Pokrovske Mine to double its coking coal extraction to 9.5mn tonnes over 2010-15.
<b>Railcar Manufacturing</b>						
Krukiv Wagon	KVBZ	16.7	U/R	--	U/R	
LuganskTeplovoz	LTPL	1.50	5.2	249%	BUY	LuganskTeplovoz's incorporation into TransMashHolding should help it to exploit its already-dominant position on the Russian market for diesel locomotives.
<b>Specialized Machinery</b>						
Motor Sich	MSICH	1830	5250	187%	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.
<b>Oil &amp; Gas</b>						
Concern Galnaftogaz	GLNG	0.15	0.24	60%	BUY	Galnaftogaz is pursuing a plan to aggressively expand its filling station network.
Regal Petroleum	RPT	14.1	42.0	197%	BUY	We assume that Regal will be able to produce 5,200 boepd in 2014, generating USD 116mn in sales.
JKX Oil & Gas	JKX	71.0	370	421%	BUY	The launch of extraction at JKX's Russian gas field has lifted output, but the company's higher-margin Ukrainian operations continue to lag behind expectations.
<b>Power Utilities</b>						
DonbasEnergO	DOEN	29.9	72.0	140%	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	4.60	15.00	226%	BUY	CenterEnergO's privatization has been postponed, but the company retains a strong fundamental value due to its large installed electricity generation capacity.
<b>Consumer</b>						
MHP	MHPC	17.7	22.10	25%	BUY	MHP is ramping up poultry production at its greenfield Vinnytsia complex, which has annual capacity of 220,000 tonnes. We think MHP will be able to expand its output by 50% over 2012-15 to 600,000 tonnes of poultry, with the lion's share of incremental volume to be exported.
Astarta	AST	67.5	90.0	33%	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	11.7	19.35	66%	BUY	A doubling of egg processing capacity to 6mn eggs/day in 1H13 with further expansion to 10mn in early 2014 bode well for the group's earnings due to 1) the higher profitability of the egg products (EP) segment vs. shell eggs and 2) the longer storage life of EP, which enables the company to retain its output for sale in periods of more favorable pricing. Still, the reported selling price for the company's shell eggs appears to be unjustifiably high. Even with financial quality concerns priced in, the stock looks cheap vs. its global peers.
Ovostar Union	OVO	92.9	109.50	18%	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.

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	886.89	1061.97	781.22	-0.9%	-2.3%	-1.9%	-2.5%	0.0%	0.0%	0.0%	0.0%
<b>Steel</b>												
Alchevsk Steel	ALMK	0.036	0.06	0.02	-0.3%	-1.4%	-9.3%	-7.0%	0.6%	0.9%	-7.4%	-4.4%
Azovstal	AZST	0.62	0.90	0.31	4.3%	-2.8%	-8.9%	-6.9%	5.3%	-0.5%	-7.0%	-4.3%
Dniprospezstal	DNSS	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Enakievo Steel	ENMZ	31.9	49.9	20.0	2.0%	0.8%	-3.8%	-0.4%	2.9%	3.1%	-1.9%	2.1%
Arcelor Mittal KR	KSTL	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Mariupol Ilyicha	MMKI	0.15	0.26	0.05	0.0%	50.0%	36.4%	50.0%	0.9%	52.3%	38.3%	52.5%
<b>Coke</b>												
Avdyivka Coke	AVDK	2.78	4.80	1.60	1.8%	1.6%	-9.3%	-6.2%	2.7%	3.9%	-7.3%	-3.7%
Yasnyivsky Coking	YASK	0.55	0.85	0.49	0.0%	-1.8%	3.8%	3.8%	0.9%	0.5%	5.7%	6.3%
<b>Iron Ore Mining</b>												
Centralny GOK	CGOK	6.30	7.74	5.00	0.0%	0.0%	-2.9%	-3.1%	0.9%	2.3%	-1.0%	-0.5%
Ferrexpo	FXPO	2.82	4.55	2.02	-4.5%	-2.9%	-4.0%	-10.5%	-3.6%	-0.6%	-2.0%	-7.9%
Pivnichny GOK	SGOK	8.00	10.00	5.77	0.0%	-0.1%	-1.2%	0.0%	0.9%	2.1%	0.7%	2.5%
<b>Coal Mining</b>												
Pokrovske Mine	SHCHZ	0.35	0.71	0.10	0.0%	-14.6%	-16.7%	-12.5%	0.9%	-12.4%	-14.7%	-10.0%
Komsomolets Donbasa	SHKD	0.60	1.25	0.27	-10.4%	-3.2%	5.3%	-3.2%	-9.5%	-1.0%	7.2%	-0.7%
Energy Coal	CLE	0.42	4.57	0.31	-7.5%	-3.8%	33.3%	19.2%	-6.6%	-1.5%	35.2%	21.7%
<b>Mining Machinery</b>												
Svitlo Shakhtara	HMBZ	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<b>Pipe Manufacturing</b>												
Khartsyzk Pipe	HRTR	0.56	0.86	0.30	0.0%	0.0%	7.7%	-6.7%	0.9%	2.3%	9.6%	-4.1%
Interpipe NMPP	NVTR	0.21	0.29	0.10	10.5%	-8.7%	0.0%	0.0%	11.4%	-6.4%	1.9%	2.5%
<b>Railcar Manufacturing</b>												
Kryukiv Wagon	KVBZ	16.7	29.0	12.0	-0.1%	-0.9%	-0.1%	-3.8%	0.8%	1.4%	1.9%	-1.2%
Luhanskeplovoz	LTPL	1.50	2.20	1.26	0.0%	0.0%	10.3%	0.0%	0.9%	2.3%	12.2%	2.5%
Stakhanov Wagon	SVGZ	1.27	1.95	1.00	0.0%	-2.3%	-3.1%	-2.3%	0.9%	0.0%	-1.1%	0.2%
<b>Specialized Machinery</b>												
Bogdan Motors	LUAZ	0.02	0.08	0.02	0.0%	0.0%	-14.6%	-9.8%	0.9%	2.3%	-12.7%	-7.3%
Motor Sich	MSICH	1,830	2,640	1,303	-4.6%	-4.8%	6.0%	0.3%	-3.7%	-2.6%	8.0%	2.9%
Summy Frunze Engineering	SMASH	2.49	4.00	1.20	0.0%	3.8%	-0.4%	-0.4%	0.9%	6.0%	1.5%	2.1%
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	0.16	0.26	0.13	1.7%	0.5%	-3.0%	22.2%	2.6%	2.7%	-1.1%	24.8%
<b>Telecom</b>												
Ukrtelecom	UTLM	0.14	0.17	0.09	3.0%	6.0%	6.9%	26.4%	3.9%	8.3%	8.9%	28.9%
<b>Oil &amp; Gas</b>												
Regal Petroleum	RPT	0.23	0.57	0.19	0.3%	0.2%	11.6%	10.5%	1.2%	2.4%	13.5%	13.1%
JXX Oil	JKX	1.17	1.23	0.75	-0.4%	-0.9%	-1.4%	-1.3%	0.5%	1.4%	0.6%	1.3%
Ukrnafta	UNAF	111	280	96	-2.0%	2.3%	4.0%	1.7%	-1.1%	4.6%	6.0%	4.3%
<b>Power Utilities</b>												
Centrenerg	CEEN	4.60	7.40	2.50	0.9%	-1.1%	-3.1%	-3.5%	1.9%	1.1%	-1.2%	-1.0%
Donbasenergo	DOEN	29.9	34.0	15.4	-1.4%	4.2%	8.7%	8.5%	-0.4%	6.4%	10.6%	11.1%
Zakhidenergo	ZAEN	91.2	115.0	64.0	0.0%	0.9%	1.9%	0.9%	0.9%	3.1%	3.8%	3.4%
<b>Consumer</b>												
Agroton	AGT	0.87	3.6	0.36	0.5%	-7.5%	34.2%	33.4%	1.4%	-5.2%	36.2%	35.9%
Astarta	AST	22.0	24.4	14.5	0.0%	1.8%	13.5%	-1.1%	0.9%	4.0%	15.4%	1.5%
Avangardo	AVGR	11.7	13.0	7.61	0.0%	0.0%	2.0%	-0.5%	0.9%	2.3%	3.9%	2.0%
Industrial Milk Company	IMC	3.89	5.25	3.63	-2.7%	-6.5%	1.4%	-3.8%	-1.7%	-4.3%	3.4%	-1.2%
Kernel	KER	13.4	22.6	11.8	0.0%	-2.2%	6.9%	5.6%	0.9%	0.1%	8.8%	8.2%
Mriya Agro Holding	MAYA	7.01	8.2	5.36	-2.5%	-3.4%	-10.1%	-6.0%	-1.6%	-1.1%	-8.2%	-3.4%
MHPC	MHPC	17.7	19.9	14.15	-1.6%	0.6%	4.1%	4.1%	-0.6%	2.8%	6.1%	6.6%
Milkiland	MLK	3.29	5.1	3.11	0.5%	-13.1%	-19.4%	-21.0%	1.4%	-10.9%	-17.5%	-18.5%
Ovostar Union	OVO	30.2	33.3	21.3	-0.3%	-0.6%	3.2%	-9.2%	0.6%	1.7%	5.2%	-6.6%
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
<b>Chemicals</b>												
Stirol	STIR	13.0	15.9	7.1	0.0%	2.7%	5.3%	4.0%	0.9%	5.0%	7.2%	6.5%
<b>Banks</b>												
Raiffeisen Bank Aval	BAVL	0.105	0.128	0.077	-2.4%	-6.7%	-7.6%	-7.3%	-1.5%	-4.5%	-5.6%	-4.8%
UkrSotsbank	USCB	0.172	0.257	0.107	0.0%	-0.1%	-7.4%	-8.1%	0.9%	2.2%	-5.4%	-5.6%

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
<b>Steel</b>																
Alchevsk Steel	ALMK	1,783	1,729	1,730	-5	-62	-14	neg	neg	neg	-127	-173	-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	1,938	1,976	-181	-31	35	neg	neg	1.8%	-333	-173	-24	neg	neg	neg
<b>Coke</b>																
Avdyivka Coke	AVDK	1,090	914	784	-112	47	29	neg	5.1%	3.8%	-137	-6	-24	neg	neg	neg
Yasynivsky Coking	YASK	432	367	333	27	29	19	6.4%	7.8%	5.7%	8	11	5	1.9%	3.1%	1.4%
<b>Iron Ore Mining</b>																
Centralny GOK	CGOK	610	679	634	232	312	279	38.0%	46.0%	44.1%	95	179	150	15.6%	26.4%	23.7%
Pivnichny GOK	SGOK	1,416	1,630	1,506	750	914	816	53.0%	56.1%	54.2%	436	549	461	30.8%	33.7%	30.6%
Ferrexpo	FXPO	1,424	1,545	1,623	402	433	449	28.2%	28.0%	27.7%	216	240	248	15.1%	15.5%	15.3%
<b>Coal Mining</b>																
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
<b>Pipe Manufacturing</b>																
Khartsyzk Pipe	HRTR	480	310	361	52	31	34	10.8%	10.1%	9.5%	34	17	20	7.0%	5.5%	5.5%
<b>Railcar Manufacturing</b>																
Luhanskteplovoz	LTPL	216	329	367	29	36	38	13.4%	10.8%	10.4%	5	18	20	2.2%	5.4%	5.5%
Kryukiv Wagon	KVBZ	891	424	387	135	65	60	15.2%	15.3%	15.4%	95	25	22	10.7%	5.8%	5.8%
Stakhanov Wagon	SVGZ	311	172	150	7	6	5	2.3%	3.4%	3.6%	1	-1	-1	0.2%	neg	neg
<b>Specialized Machinery</b>																
Turboatom	TATM	160	199	222	51	73	78	32.2%	36.7%	35.2%	38	55	59	23.8%	27.8%	26.6%
Motor Sich	MSICH	979	1,000	1,116	309	233	258	31.6%	23.3%	23.1%	200	184	205	20.4%	18.4%	18.4%
<b>Telecom</b>																
Ukrtelecom	UTLM	838	749	654	206	215	209	24.5%	28.7%	31.9%	45	50	65	5.4%	6.6%	10.0%
<b>Oil &amp; Gas</b>																
Ukrnafta	UNAF	1,853	2,454	2,143	319	373	355	17.2%	15.2%	16.5%	176	131	121	9.5%	5.4%	5.7%
Regal Petroleum	RPT	51	38	60	21	17	31	42.0%	45.0%	52.0%	12	5	13	22.7%	13.2%	21.3%
JKX Oil	JKX	203	210	231	136	85	90	67.1%	40.5%	39.0%	-11	20	24	neg	9.5%	10.4%
<b>Electric Utilities</b>																
Centrenergo	CEEN	1,119	902	1,006	69	62	69	6.2%	6.8%	6.8%	29	43	50	2.6%	4.8%	5.0%
Donbasenergo	DOEN	574	656	732	32	72	64	5.6%	11.0%	8.8%	4	49	43	0.7%	7.5%	5.9%
<b>Consumer</b>																
MHP	MHPC	1,408	1,422	1,635	468	413	545	33.2%	29.0%	33.3%	311	202	269	22.1%	14.2%	16.5%
Kernel	KER	2,157	2,797	2,480	322	291	257	14.9%	10.4%	10.4%	211	105	77	9.8%	3.8%	3.1%
Astarta	AST	456	504	598	109	125	169	20.0%	20.6%	23.6%	58	78	113	10.6%	12.9%	15.8%
Avangardco	AVGR	629	703	785	280	328	373	44.5%	46.6%	47.5%	228	262	300	36.3%	37.2%	38.3%
Agroton	AGT	88	69	76	20	13	12	23.2%	18.1%	15.4%	7	-2	-1	7.7%	neg	neg
<b>Banks</b>																
		Total Assets			Total Equity			Total Income			Net Profit			Return on Equity		
Raiffeisen Bank Aval	BAVL	5,962	5,497	5,664	793	905	856	679	665	613	4	110	115	0.5%	12.2%	13.5%
Ukrspotsbank	USCB	5,151	4,564	4,846	957	950	1,029	451	389	475	1	2	20	0.1%	0.2%	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			
<b>Steel</b>																		
Alchevsk Steel	ALMK	111	3.9%	4	1,905	neg	neg	neg	neg	neg	neg	1.1	1.1	1.1	492	459	446	\$/tonne
Yenakievo Steel	ENMZ	40	8.8%	4	34	4.7	neg	neg	neg	1.5	1.0	0.0	0.0	0.0	13	12	12	\$/tonne
Azovstal	AZST	312	3.0%	9	294	neg	neg	neg	neg	neg	8.3	0.1	0.2	0.1	64	65	65	\$/tonne
<b>Coke</b>																		
Avdyivka Coke	AVDK	64	6.8%	4	62	neg	neg	neg	neg	1.3	2.1	0.1	0.1	0.1	14	16	17	\$/tonne
Yasynivsky Coke	YASK	18	9.0%	2	19	2.1	1.6	3.8	0.7	0.7	1.0	0.0	0.1	0.1	0.7	0.7	1.0	\$/tonne
<b>Iron Ore Mining</b>																		
Centralny GOK	CGOK	878	0.3%	2	877	9.2	4.9	5.9	3.8	2.8	3.1	1.4	1.3	1.4				
Pivnichny GOK	SGOK	2,193	0.4%	9	2,187	5.0	4.0	4.8	2.9	2.4	2.7	1.5	1.3	1.5				
Ferrexpo	FXPO	1,662	24.0%	399	2,228	7.7	6.9	6.7	5.5	5.1	5.0	1.6	1.4	1.4				
<b>Coal Mining</b>																		
Komsomolets Donbasa	SHKD	24	5.4%	1	126	3.3	1.4	1.4	1.0	1.4	1.3	0.5	0.6	0.5	31	30	28	\$/tonne
Coal Energy	CLE	19	25.0%	5	129	0.5	neg	neg	2.1	6.1	14.3	0.8	1.0	1.3	2.1	6.1	14.3	\$/tonne
<b>Pipe Manufacturing</b>																		
Khartsyzk Pipe	HRTR	173	2.0%	3	219	5.1	10.1	8.7	4.2	7.0	6.4	0.5	0.7	0.6	347	576	547	\$/tonne
<b>Railcar Manufacturing</b>																		
LuganskTeplovoz	LTPL	39	24.0%	9	81	8.1	2.2	1.9	2.8	2.3	2.1	0.4	0.2	0.2				
Kruiiv Wagon	KVBZ	227	5.0%	11	227	2.4	9.3	10.1	1.7	3.5	3.8	0.3	0.5	0.6				
Stakhanov Wagon	SVGZ	34	8.0%	3	73	>30	neg	neg	10.2	12.5	13.4	0.2	0.4	0.5				
<b>Specialized Machinery</b>																		
Turboatom	TATM	176	5.8%	10	103	4.6	3.2	3.0	2.0	1.4	1.3	0.6	0.5	0.5				
Motor Sich	MSICH	452	24.0%	109	471	2.3	2.5	2.2	1.5	2.0	1.8	0.5	0.5	0.4				
<b>Telecom</b>																		
Ukrtelecom	UTLM	310	7.2%	22	631	6.8	6.3	4.7	3.1	2.9	3.0	0.8	0.8	1.0				
<b>Oil &amp; Gas</b>																		
Ukrnafta	UNAF	713	3.0%	21	705	4.0	5.4	5.9	2.2	1.9	2.0	0.4	0.3	0.3	n/a	n/a	n/a	\$/boe
Regal Petroleum	RPT	75	21.6%	16	46	6.4	14.8	5.8	2.2	2.7	1.5	0.9	1.2	0.8	n/a	n/a	n/a	\$/boe
JKX Oil & Gas	JKX	201	50.4%	101	309	neg	10.0	8.4	2.3	3.6	3.4	1.5	1.5	1.3	56	42	41	\$/boe
<b>Electric Utilities</b>																		
CentrEnergO	CEEN	202	21.7%	44	271	7.0	4.7	4.0	3.9	4.4	3.9	0.2	0.3	0.3	15	19	17	\$/MWh
DonbasEnergO	DOEN	84	14.2%	12	155	22.0	1.7	2.0	4.8	2.1	2.4	0.3	0.2	0.2	19	20	19	\$/MWh
<b>Consumer</b>																		
MHP	MHPC	1,870	34.1%	638	3,031	6.0	9.2	6.9	6.5	7.3	5.6	2.2	2.1	1.9				
Kernel	KER	1,066	61.8%	658	1,772	5.1	10.2	13.8	5.5	6.1	6.9	0.8	0.6	0.7				
Astarta	AST	551	37.0%	204	884	9.5	7.0	4.9	8.1	7.1	5.2	1.9	1.8	1.5				
Avangardco	AVGR	747	22.5%	168	946	3.3	2.9	2.5	3.4	2.9	2.5	1.5	1.3	1.2	214	163	153	\$/mneggs
Agroton	AGT	19	26.2%	5	68	2.8	neg	neg	3.3	5.4	5.8	0.8	1.0	0.9	n/a	n/a	n/a	
<b>Banks</b>																		
Raiffeisen Bank Aval	BAVL	376	3.6%	13		>30	3.4	3.3	0.5	0.4	0.4	0.06	0.07	0.07				
Ukrsotsbank	USCB	377	1.4%	5		>30	>30	20.7	0.5	0.4	0.4	0.08	0.09	0.09				

Source: Eavex Research

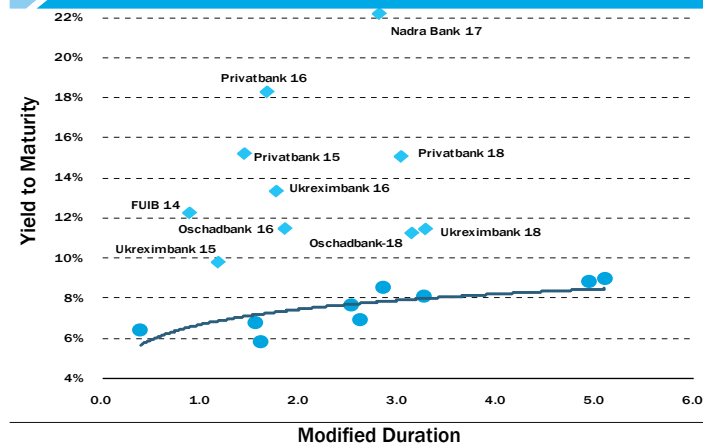
## UKRAINIAN EUROBONDS

Issue	Price (Bid)	Price (Ask)	YTM (Bid)	YTM (Ask)	Price chg. (YTD)	Modified Duration	Coupon	Coupon Period	Maturity Date	Volume USD mn	Ratings <sup>1</sup>
<b>Sovereign Eurobonds</b>											
Ukraine, 2014	100.3	101.0	8.0%	5.5%	0.6%	0.4	7.95%	S/A	6 Apr. 2014	1,000	Caa1/B-/B-
Naftogaz Ukraine, 2014	100.1	100.9	10.8%	9.3%	0.0%	0.6	9.50%	S/A	30 Sept 2014	1,595	//B-
Ukraine, 2015 (EUR)	98.3	99.9	6.2%	5.2%	3.2%	1.6	4.95%	A	13 Oct 2015	600*	Caa1/B-/B-
Ukraine, 2015	99.8	100.8	7.3%	6.6%	2.7%	1.5	6.875%	S/A	23 Sept 2015	500	Caa1/B-/B-
Ukraine, 2016	98.0	99.0	7.5%	7.1%	4.7%	2.5	6.58%	S/A	21 Nov 2016	1,000	Caa1/B-/B-
Ukraine, 2016-2	97.6	98.6	7.3%	6.9%	4.0%	2.6	6.25%	S/A	17 Jun 2016	1,250	Caa1/B-/B-
Ukraine, 2017	96.4	97.7	8.0%	7.6%	4.7%	3.2	6.75%	S/A	14 Nov 2017	700	Caa1/B-/B-
Ukraine, 2017-2	103.5	104.3	8.2%	7.9%	4.7%	2.8	9.25%	S/A	24 Jul 2017	2,000	Caa1/B-/B-
Ukraine, 2017 Infr. projects	92.0	93.5	11.6%	11.0%	12.3%	3.0	8.375%	S/A	3 Nov 2017	568	Caa1//
Ukraine, 2018 Infr. projects	88.8	90.4	11.3%	10.7%	14.1%	3.4	7.40%	S/A	20 Apr 2018	690	Caa1//
Ukraine, 2020	94.7	96.0	8.9%	8.7%	2.4%	4.9	7.75%	S/A	23 Sept 2020	1,500	Caa1/B-/B-
Ukraine, 2021	95.2	96.4	8.9%	8.7%	2.3%	5.1	7.95%	S/A	23 Feb 2021	1,500	Caa1/B-/B-
Ukraine, 2022	93.1	94.1	9.0%	8.8%	2.8%	6.1	7.80%	S/A	28 Nov 2022	1,250	Caa1/B-/B-
Ukraine, 2023	93.0	94.0	8.6%	8.4%	3.3%	6.3	7.50%	S/A	17 Apr 2023	1,250	Caa1/B-/B-
<b>Corporate Eurobonds</b>											
Agroton, 2014	50.0	54.4	33.1%	29.8%	n/a	3.1	8.00%	S/A	14 Jul 2019	50	/CCC/RD
MHP, 2015	103.6	104.3	7.7%	7.4%	0.4%	1.2	10.25%	S/A	29 Apr 2015	235	Caa1//B-
MHP, 2020	89.2	90.5	10.7%	10.4%	0.5%	4.5	8.25%	S/A	2 Apr 2020	750	/B-/B-
Avangardco, 2015	100.5	102.3	10.2%	9.0%	n/a	1.5	10.00%	S/A	29 Oct 2015	200	//B-
UkrLandFarming, 2018	93.1	95.8	13.1%	12.2%	4.7%	3.1	10.88%	S/A	26 Mar 2018	275	/B-/B-
Mriya, 2016	99.8	102.1	11.7%	10.4%	0.7%	1.8	10.95%	S/A	30 Mar 2016	72	/B-/B-
Mriya, 2018	88.1	90.2	13.2%	12.5%	2.3%	3.2	9.45%	S/A	19 Apr 2018	400	/B-/B-
DTEK, 2015	102.3	103.0	8.1%	7.5%	0.4%	1.2	9.50%	S/A	28 Apr 2015	200	Caa1//B-
DTEK, 2018	94.2	95.5	9.6%	9.2%	0.6%	3.4	7.88%	S/A	4 Apr 2018	750	Caa1//B-
Metinvest, 2015	103.3	104.0	8.1%	7.4%	1.5%	1.2	10.25%	S/A	20 May 2015	500	Caa1//B-
Metinvest, 2018	97.3	98.7	9.7%	9.3%	3.1%	3.2	8.75%	S/A	14 Feb 2018	750	Caa1//B-
Ferrexpo, 2016	97.6	99.4	9.4%	8.4%	0.5%	1.9	7.875%	S/A	07 Apr 2016	500	/B-/B-
UZ Rail, 2018	92.8	94.3	11.7%	11.2%	2.0%	3.4	9.50%	S/A	21 May 2018	500	/B-/B-
Interepipe, 2017	77.0	80.1	20.2%	18.3%	0.0%	2.5	10.25%	S/A	2 Aug 2017	200	/NR/C
JKX Oil&Gas, 2018	110.3	111.6	8.3%	8.0%	-0.1%	3.4	8.00%	S/A	19 Feb 2018	40	//
<b>Bank Eurobonds</b>											
Fin&Credit Bank, 2014	88.0	98.0	12.9%	10.0%	0.0%	3.7	10.50%	S/A	25 Jan 2014	100	Caa1//
PUMB, 2014	100.9	100.9	11.8%	11.8%	2.4%	0.9	11.00%	Q	31 Dec 2014	275	B//
Nadra Bank, 2017	80.1	85.3	24.9%	19.7%	0.0%	2.8	8.00%	A	22 Jun 2017	175	//
PrivatBank, 2015	92.0	95.0	16.2%	13.8%	4.9%	1.4	9.38%	S/A	23 Sept 2015	200	Caa1//
PrivatBank, 2016	77.5	81.8	20.2%	17.0%	13.2%	1.6	8.75%	S/A	9 Feb 2016	150	Caa1//
PrivatBank, 2018	89.5	92.5	14.3%	13.3%	8.8%	3.0	10.88%	S/A	28 Feb 2018	175	Caa1//B-
UkrEximBank, 2015	96.0	97.1	12.8%	11.7%	0.1%	1.1	8.38%	S/A	27 Apr 2015	750	Caa1//B-
UkrEximBank, 2016	86.7	86.7	14.1%	14.1%	#VALUE!	1.7	8.40%	S/A	2 Sept 2016	125	Caa1//B-
UkrEximBank, 2018	89.8	91.1	12.0%	11.6%	1.4%	3.2	8.75%	S/A	22 Jan 2018	500	Caa1//B-
VAB Bank, 2014	85.0	90.0	n/a	n/a	2.3%	n/a	10.50%	Q	14 Jun 2014	125	Caa1//WD
Oschadbank, 2016	92.6	94.7	13.0%	11.7%	0.6%	1.8	8.25%	S/A	10 Mar 2016	700	Caa1//B-
Oschadbank, 2018	88.2	90.2	12.6%	12.0%	0.2%	3.2	8.88%	S/A	20 Mar 2018	500	Caa1//B-
<b>Municipal Eurobonds</b>											
City of Kyiv, 2015	94.2	96.2	12.2%	10.9%	2.4%	1.6	8.00%	S/A	6 Nov 2015	250	Caa1/B-/
City of Kyiv, 2016	94.3	96.3	12.1%	11.1%	2.5%	2.1	9.375%	S/A	30 Jun 2016	300	Caa1/B-/

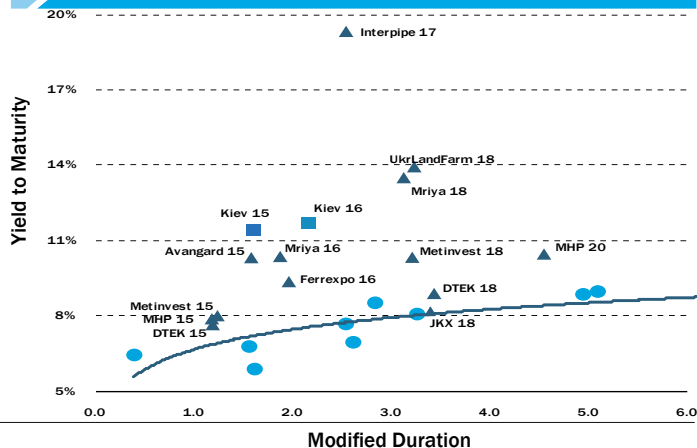
<sup>1</sup> Moody's/S&P/Fitch; \* EUR

Source: Bloomberg, Cbonds, Eavex Research

### SOVEREIGNS vs. BANKING EUROBONDS



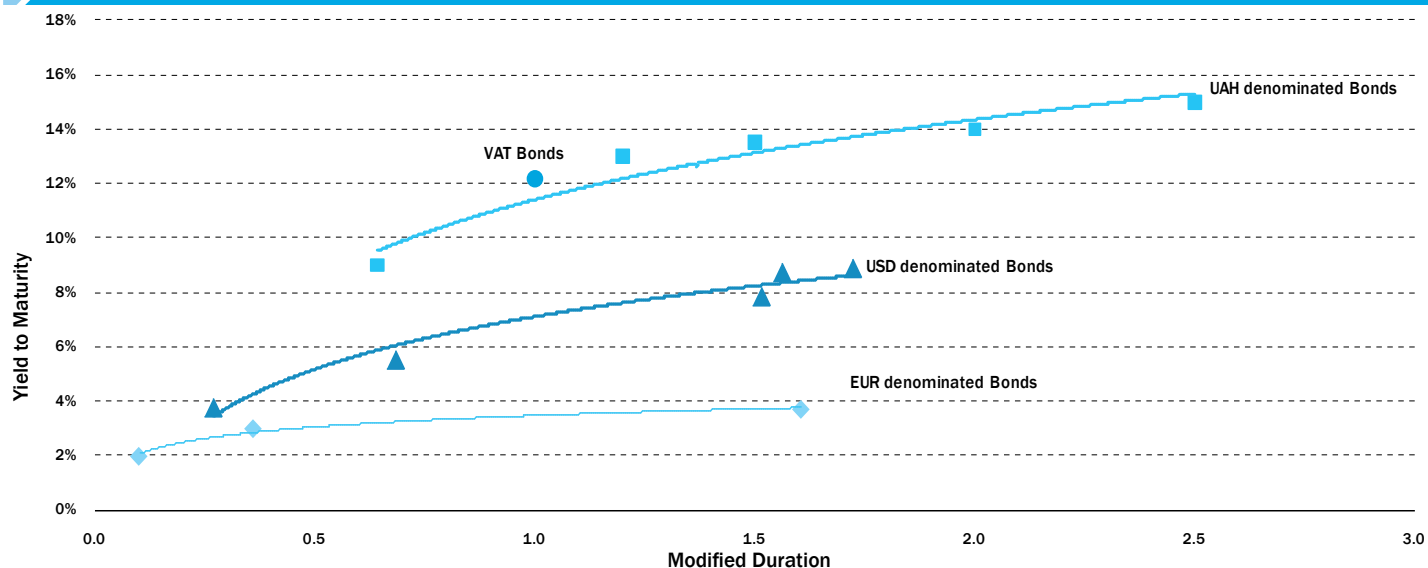
### SOVEREIGNS vs. CORPORATE and MUNICIPAL EUROBONDS



**UKRAINIAN DOMESTIC BONDS**

Issue	Price (Bid)	Price (Ask)	YTM (Bid)	YTM (Ask)	Modified Duration	Coupon	Coupon Period	Maturity Date	Volume mn USD
<b>UAH denominated Bonds</b>									
UA4000115117			9.0%	7.5%	n/a	10.75%	S/A	26 Mar 2014	187
UA4000141592			13.5%	12.0%	n/a	14.30%	S/A	20 May 2015	31
UA4000142665			19.0%	17.0%	n/a	14.30%	S/A	24 May 2017	184
<b>USD denominated Bonds</b>									
UA4000140362	n/a	n/a	5.8%	4.5%	n/a	9.20%	S/A	21 May 2014	171
UA4000142699	n/a	n/a	9.5%	6.5%	n/a	9.45%	S/A	22 Apr 2015	312
UA4000141071	n/a	n/a	9.5%	6.5%	n/a	9.45%	S/A	27 May 2015	152
UA4000142673	n/a	n/a	9.6%	7.0%	n/a	4.50%	S/A	17 Jun 2015	175
<b>EUR denominated Bonds</b>									
UA4000142681	n/a	n/a	5.4%	5.3%	n/a	4.80%	S/A	6 May 2015	40
<b>VAT Bonds</b>									
UA4000082531			12.5%	11.3%	n/a	5.50%	S/A	21 Aug 2015	141
UA4000082622			12.5%	11.3%	n/a	5.50%	S/A	24 Aug 2015	571
UA4000083059			12.5%	11.3%	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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