

**Market Update**

**Equity**

Kyiv-listed equities experienced high volatility on Monday (Dec 15) as traders moved to cover their short positions in last hour of the session, pushing prices higher. The UX index ended with a gain of 3.1% despite spending most of the day in the red (the benchmark was down 2% at midday), closing at 964 points. Azovstal (AZST) led the growth, jumping 8.1% to 70.90 kopecks per share. CentrEnergy (CEEN) and Motor Sich (MSICH) advanced by 4.0% and 1.8% respectively on combined turnover of UAH 5.1mn, while UkrNafta (UNAF) was flat at UAH 184. Outside the UX basket, DniproEnergy (DNEN) added 8.4% to UAH 639 on exchange-leading volume of UAH 4.7mn. Warsaw-listed Ukrainian names suffered through a very rough day, with Kernel down 3.4% and Astarta tumbling 8.0% to PLN 16.89. In London, the misery continued for Ferrexpo with a 11.1% plunge to GBp 49.62; beaten-down JKC Oil&Gas reclaimed some ground, climbing by 1.0% and closing at GBp 12.88.

**Fixed Income**

Ukraine's internationally-traded bonds continued to free-fall on Monday amid ongoing sovereign restructuring concerns, with Ukraine-23s down by another 4.2p.p. to close at 59.6/61.6 (16.6%/16.0%). Corporate names also finished lower. MHP-20s slumped 4.0p.p. to 69.0/71.0 (17.4%/16.7%) and DTEK-18s lost 4.1p.p., ending at 77.0/80.0 (93.5%/79.8%).

Volume Leaders	Ticker	Last, UAH	1D ch	Volume, UAH mn	Number of Trades
Dniproenergo	DNEN	639.40	8.4%	4.7	40
Motor Sich	MSICH	2184.00	1.8%	2.6	231
Centrenergo	CEEN	7.38	4.0%	2.5	563

**Growth Leaders**

Dniproenergo	DNEN	639.40	8.4%	4.69	40
Azovstal	AZST	0.71	8.1%	0.60	638
Kryukiv Wagon	KVBZ	11.28	4.2%	0.36	146

**Loss Leaders**

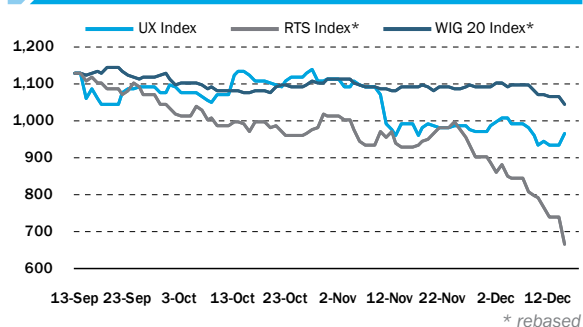
Dniproblenergo	DNON	50.07	-19.3%	0.024	8
Ukrnafta	UNAF	184.00	-0.1%	1.689	165
Raiffeisen Bank Aval	BAVL	0.10	1.5%	0.506	345

**Highlights**

**POLITICS AND ECONOMICS**

- Merchandise Trade Surplus of USD 570mn Registered for 10M14

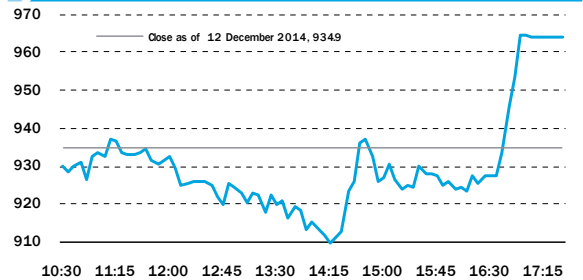
**STOCK MARKET PERFORMANCE**



**MARKET INDEXES**

	Last	1D ch	1M ch	YTD
UX	964.0	3.1%	-2.6%	5.9%
RTS	718.3	-10.1%	-28.2%	-50.2%
WIG20	2321.6	-1.6%	-4.0%	-3.3%
MSCI EM	924.1	-1.5%	-6.7%	-7.8%
S&P 500	1989.6	-0.6%	-2.5%	8.1%

**UX INTRADAY DECEMBER 15, 2014**



**FIXED INCOME**

	Last	1D ch	1M ch	YTD
EMBI+Global	459.0	4.3%	28.9%	38.8%
CDS 5Y UKR	2141.4	9.7%	42.6%	161.0%
Ukraine-17	25.3%	2.0 p.p.	10.9 p.p.	16.3 p.p.
Ferrexpo-16	28.7%	0.7 p.p.	13.9 p.p.	19.8 p.p.
Ukraine-23	16.3%	1.3 p.p.	4.4 p.p.	8.8 p.p.
Privatbank-16	74.2%	0.2 p.p.	26.3 p.p.	53.8 p.p.

**CURRENCY**

	Last, UAH	1D ch	1M ch	YTD
USD	15.81	0.3%	1.8%	91.9%
EUR	19.66	0.1%	1.1%	72.9%
RUB	0.24	-10.7%	-26.5%	-3.7%

**COMMODITIES**

	Last	1D ch	1M ch	YTD
Wheat, USD/t*	240.8	0.0%	5.5%	-16.2%
Steel, USD/t	447.5	-4.8%	-8.2%	-16.7%
Oil, USD/bbl	61.1	-1.3%	-23.1%	-43.1%
Gold, USD/oz	1193.2	-2.4%	0.4%	-0.3%

\*Ukraine FOB

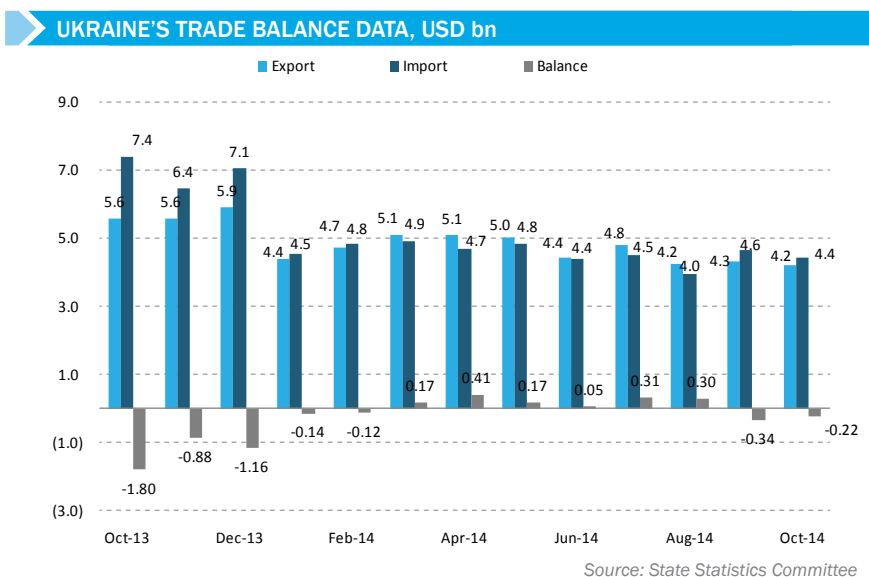
Source: Bloomberg, Ukrainian Exchange

**Merchandise Trade Surplus of USD 570mn Registered for 10M14**

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**NEWS**

Ukraine's merchandise trade surplus was at USD 569mn for the first 10 months of 2014 compared to a merchandise deficit of USD 1.15bn for the corresponding period a year ago, according to the data from the State Statistics Committee published on Monday (Dec 15). Ukraine's exports fell by 9.4% YoY to USD 46.2bn in 10M14 and imports dropped by 27% YoY to USD 45.6bn in the period, mainly due to a plunge in equipment and machinery imports. The country's merchandise trade deficit in October alone was USD 218mn compared to a deficit of USD 1.8bn for the same month a year earlier.



**COMMENTARY**

Although Ukraine's merchandise trade balance has been improving this year, the NBU reported a USD 3.5bn balance of payments deficit for 10M14 as a result of capital flight from the country. The merchandise trade situation this year has largely affected by political developments between Kyiv and Moscow, and it is therefore difficult to forecast whether Ukraine's exports to Russia will recover in 2015. The data from UkrStat said that Ukraine's merchandise exports to Russia plunged by 29.4% YoY to USD 8.8bn in 10M14, while imports from Russia tumbled by 41.2% YoY to USD 11.2bn in the period. Ukraine's merchandise exports to the EU rose by 10% YoY to USD 14.7bn while imports from the EU fell by 19.9% YoY to USD 17.4bn. Steel and steel related exports from Ukraine accounted for 28.7% of total exports from the country. For the November-December period, Ukraine will probably lose its surplus in merchandise trade, as the recently-restored imports of Russian natural gas are going to weigh on the balance.

## EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
<b>Steel&amp;Pipes</b>						
Azovstal	AZST	0.71	0.56	-22%	SELL	Non-transparent reporting practices detrimentally affect Azovstal's reported earnings.
<b>Iron Ore</b>						
Ferrexpo	FXPO LN	49.6	108.0	118%	HOLD	Exacerbated issue of global ore oversupply together with sluggish growth in demand will likely keep iron ore prices at depressed level at least in the short run boding bad for Ferrexpo's earnings.
Pivnichny GOK	SGOK	8.22	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	7.30	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.
<b>Coke</b>						
Avdyivka Coke	AVDK	1.70	U/R	--	Susp.	Avdyivka Coke experienced several artillery attacks since August 2014 due to its location near the border of occupied territory.
Yasynivsky Coke	YASK	0.30	U/R	--	U/R	Yasynivsky Coke reported net loss of UAH 22mn for FY13 which was the first negative bottom line since 2004.
<b>Coal</b>						
Pokrovske Mine	SHCHZ	0.37	U/R	--	Susp.	The company's coal production expansion plan were put under high risk of realization due to war in Donbass.
<b>Railcar Manufacturing</b>						
Krukiv Wagon	KVBZ	11.3	U/R	--	U/R	
LuganskTeplovoz	LTPL	1.04	U/R	--	U/R	LuganskTeplovoz was forced to shut down operations amid military conflict in the region.
<b>Specialized Machinery</b>						
Motor Sich	MSICH	2184	5250	140%	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	4.8	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	12.9	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.
<b>Power Utilities</b>						
DonbasEnergO	DOEN	30.4	72.0	137%	BUY	DonbasEnergO is expected to continue practice of 30% dividend payout in a medium term.
CenterEnergO	CEEN	7.38	15.00	103%	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	9.9	17.96	81%	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	16.9	90.0	433%	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	3.6	U/R	--	U/R	The company's FY14 results will be hit by the hryvnia devaluation.
Ovostar Union	OVO	70.1	80.8	15%	HOLD	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 15% of revenue earned in hard currency.
<b>Banks</b>						
Raiffeisen Bank Aval	BAVL	0.095	0.24	152%	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	963.97	1368.76	821.17	3.1%	-1.5%	-2.6%	5.9%	0.0%	0.0%	0.0%	0.0%
<b>Steel</b>												
Alchevsk Steel	ALMK	0.015	0.05	0.01	0.0%	-11.8%	-20.6%	-61.3%	-3.1%	-10.2%	-18.1%	-67.3%
Azovstal	AZST	0.71	0.95	0.35	6.1%	1.4%	1.4%	5.8%	3.0%	3.0%	4.0%	-0.1%
Dniprospezstal	DNSS	175	n/a	n/a	0.0%	0.0%	0.0%	-86.5%	-3.1%	1.5%	2.6%	-92.5%
Enakievo Steel	ENMZ	19.3	65.0	16.0	2.0%	-10.2%	-0.9%	-39.8%	-1.2%	-8.7%	1.7%	-45.7%
Arcelor Mittal KR	KSTL	4.00	n/a	n/a	0.0%	0.0%	0.0%	247.8%	-3.1%	1.5%	2.6%	241.9%
Mariupol Ilyicha	MMKI	0.19	n/a	n/a	0.0%	0.0%	-5.0%	90.0%	-3.1%	1.5%	-2.4%	84.1%
<b>Coke</b>												
Avdyivka Coke	AVDK	1.70	3.70	1.46	2.0%	-10.1%	-12.0%	-42.6%	-1.1%	-8.5%	-9.4%	-48.6%
Yasnyivsky Coking	YASK	0.30	0.84	0.25	0.0%	0.0%	-16.7%	-43.4%	-3.1%	1.5%	-14.1%	-49.3%
<b>Iron Ore Mining</b>												
Centralny GOK	CGOK	7.30	n/a	n/a	0.0%	0.0%	0.0%	12.3%	-3.1%	1.5%	2.6%	6.4%
Ferrexpo	FXPO	49.62	191.0	49.6	-11.1%	-22.9%	-37.1%	-74.0%	-14.2%	-21.4%	-34.5%	-79.9%
Pivnichny GOK	SGOK	8.22	9.80	4.50	0.0%	0.0%	1.0%	2.8%	-3.1%	1.5%	3.6%	-3.2%
<b>Coal Mining</b>												
Pokrovske Mine	SHCHZ	0.37	0.79	0.10	0.0%	15.6%	19.4%	-7.5%	-3.1%	17.1%	21.9%	-13.4%
Komsomolets Donbasa	SHKD	0.28	n/a	n/a	0.0%	0.0%	-20.0%	-54.8%	-3.1%	1.5%	-17.4%	-60.8%
Energy Coal	CLE	0.70	2.02	0.55	-1.4%	1.4%	-10.3%	-33.3%	-4.5%	3.0%	-7.7%	-39.3%
<b>Mining Machinery</b>												
Svitlo Shakhtara	HMBZ	0.30	n/a	n/a	0.0%	0.0%	0.0%	-34.8%	-3.1%	1.5%	2.6%	-40.7%
<b>Pipe Manufacturing</b>												
Khartsyzk Pipe	HRTR	0.38	1.01	0.22	0.0%	8.6%	-13.6%	-36.7%	-3.1%	10.1%	-11.1%	-42.6%
Interpipe NMPP	NVTR	0.30	n/a	n/a	0.0%	0.0%	-23.1%	42.9%	-3.1%	1.5%	-20.5%	36.9%
<b>Railcar Manufacturing</b>												
Kryukiv Wagon	KVBZ	11.3	25.0	10.0	5.4%	-0.5%	-7.5%	-34.8%	2.3%	1.0%	-4.9%	-40.7%
Luhanskeplovoz	LTPL	1.04	1.80	0.85	0.0%	-3.7%	-3.7%	-30.7%	-3.1%	-2.2%	-1.1%	-36.6%
Stakhanov Wagon	SVGZ	0.22	n/a	n/a	-33.3%	-35.3%	-61.4%	-83.1%	-36.4%	-33.8%	-58.8%	-89.0%
<b>Specialized Machinery</b>												
Bogdan Motors	LUAZ	0.03	0.08	0.01	2.0%	-7.3%	-15.0%	-3.8%	-1.1%	-5.7%	-12.4%	-9.7%
Motor Sich	MSICH	2,184	2,879	1,550	1.6%	1.2%	4.2%	19.7%	-1.5%	2.7%	6.8%	13.8%
Sumy Frunze Engineering	SMASH	6.00	n/a	n/a	0.0%	0.0%	9.1%	140.0%	-3.1%	1.5%	11.7%	134.1%
Turboatom	TATM	6.00	n/a	n/a	0.0%	0.0%	0.0%	71.4%	-3.1%	1.5%	2.6%	65.5%
WESTA ISIC	WES	0.20	0.80	0.20	-16.7%	-20.0%	-23.1%	-50.0%	-19.8%	-18.5%	-20.5%	-55.9%
<b>Telecom</b>												
Ukrtelecom	UTLM	0.13	0.20	0.09	0.0%	0.0%	-6.8%	18.6%	-3.1%	1.5%	-4.2%	12.7%
<b>Oil &amp; Gas</b>												
Regal Petroleum	RPT	4.75	14.75	4.28	0.0%	5.6%	-24.0%	-62.7%	-3.1%	7.1%	-21.4%	-68.7%
JXX Oil	JKX	12.88	72.75	11.00	1.0%	17.0%	-65.7%	-82.1%	-2.1%	18.6%	-63.1%	-88.0%
Ukrnafta	UNAF	184	375	54	-0.1%	-10.4%	-20.3%	69.4%	-3.2%	-8.9%	-17.8%	63.5%
<b>Power Utilities</b>												
Centrenerg	CEEN	7.38	8.70	3.00	4.0%	-0.4%	1.9%	54.8%	0.8%	1.2%	4.5%	48.9%
Donbasenergo	DOEN	30.4	50.2	11.0	5.1%	0.4%	2.3%	10.3%	2.0%	2.0%	4.8%	4.4%
Zakhidenergo	ZAEN	152.7	199.8	80.0	0.0%	0.0%	6.9%	68.9%	-3.1%	1.5%	9.4%	63.0%
<b>Consumer</b>												
Agroton	AGT	1.37	5.5	1.19	-5.5%	4.6%	-5.5%	-29.7%	-8.6%	6.1%	-2.9%	-35.7%
Astarta	AST	16.89	68.0	14.5	-8.0%	-8.9%	-14.4%	-74.8%	-11.1%	-7.4%	-11.8%	-80.7%
Avangardo	AVGR	3.62	11.9	3.61	0.4%	-6.9%	-25.4%	-69.2%	-2.7%	-5.4%	-22.8%	-75.1%
Industrial Milk Company	IMC	5.95	12.77	5.85	-0.8%	-0.8%	-11.7%	-51.0%	-3.9%	0.7%	-9.1%	-57.0%
Kernel	KER	28.01	42.0	22.0	-3.4%	-6.7%	15.0%	-26.4%	-6.5%	-5.1%	17.6%	-32.4%
Mriya Agro Holding	MAYA	0.91	6.0	0.58	-9.5%	-0.4%	-36.3%	-83.1%	-12.6%	1.1%	-33.7%	-89.1%
MHPC	MHPC	9.90	18.5	9.90	-2.0%	-6.2%	-10.8%	-41.8%	-5.1%	-4.6%	-8.2%	-47.7%
Milkiland	MLK	1.83	12.7	1.83	-5.7%	-10.7%	-26.2%	-85.4%	-8.8%	-9.2%	-23.6%	-91.3%
Ovostar Union	OVO	70.1	100.0	59.4	-2.6%	-2.6%	-3.3%	-29.9%	-5.8%	-1.1%	-0.7%	-35.8%
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	6.5	n/a	n/a	0.0%	-25.3%	-27.3%	-48.0%	-3.1%	-23.8%	-24.7%	-53.9%
<b>Banks</b>												
Raiffeisen Bank Aval	BAVL	0.095	0.190	0.090	1.7%	-4.5%	-12.7%	-16.2%	-1.4%	-3.0%	-10.1%	-22.1%
UkrSotsbank	USCB	0.140	0.205	0.090	0.0%	0.0%	-6.7%	-25.3%	-3.1%	1.5%	-4.1%	-31.3%

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
<b>Steel</b>																
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	1,400	-181	-31	25	neg	neg	1.8%	-333	-308	33	neg	neg	2.4%
<b>Coke</b>																
Avdyivka Coke	AVDK	1,090	914	555	-112	46	-42	neg	5.0%	neg	-137	-6	-17	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%
<b>Iron Ore Mining</b>																
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%
<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	271	52	31	26	10.8%	10.1%	9.5%	34	5	4	7.0%	1.5%	1.5%
<b>Railcar Manufacturing</b>																
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	462	142	135	50	13	15.2%	10.9%	9.4%	95	42	-4	10.7%	9.0%	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%
<b>Specialized Machinery</b>																
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	168	20.4%	16.9%	17.7%
<b>Telecom</b>																
Ukrtelecom	UTLM	838	791	611	206	190	174	24.5%	24.0%	28.5%	45	17	26	5.4%	2.2%	4.3%
<b>Oil &amp; Gas</b>																
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%
<b>Electric Utilities</b>																
Centrenergo	CEEN	1,119	915	546	69	94	34	6.2%	10.3%	6.1%	29	60	16	2.6%	6.5%	2.9%
Donbasenergo	DOEN	574	656	391	32	72	34	5.6%	11.0%	8.8%	4	65	31	0.7%	9.9%	7.8%
<b>Consumer</b>																
MHP	MHPC	1,408	1,496	1,524	468	391	537	33.2%	26.1%	35.2%	311	162	-337	22.1%	10.8%	neg
Kernel	KER	2,157	2,797	2,393	322	291	223	14.9%	10.4%	9.3%	211	105	-107	9.8%	3.8%	neg
Astarta	AST	456	491	559	110	91	138	20.2%	15.5%	20.5%	58	34	-13	10.6%	5.8%	neg
Avangardco	AVGR	629	661	0	280	301	0	44.5%	45.6%	#DIV/0!	228	238	0	36.3%	36.0%	#DIV/0!
Agroton	AGT	88	81	90	20	8	3	23.2%	9.2%	3.9%	7	-6	-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	5,333	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			
<b>Steel</b>																		
Alchevsk Steel	ALMK	24	3.9%	1	1,373	neg	neg	neg	neg	neg	neg	0.8	0.8	0.8	355	331	321	\$/tonne
Yenakievo Steel	ENMZ	13	8.8%	1	9	1.5	neg	neg	neg	0.4	0.3	0.0	0.0	0.0	3	3	3	\$/tonne
Azovstal	AZST	189	3.0%	6	177	neg	neg	5.7	neg	neg	7.1	0.1	0.1	0.1	39	39	39	\$/tonne
<b>Coke</b>																		
Avdyivka Coke	AVDK	21	6.8%	1	-27	neg	neg	neg	neg	-0.6	neg	0.0	0.0	0.0	-6	-7	-7	\$/tonne
Yasynivsky Coke	YASK	5	9.0%	0	6	0.6	neg	1.1	0.2	0.2	0.3	0.0	0.0	0.0	0.2	0.2	0.3	\$/tonne
<b>Iron Ore Mining</b>																		
Centralny GOK	CGOK	541	0.3%	1	540	5.7	2.8	3.3	2.3	1.7	1.9	0.9	0.8	0.9				
Pivnichny GOK	SGOK	1,198	0.4%	5	1,191	2.7	2.2	2.6	1.6	1.3	1.5	0.8	0.7	0.8				
Ferrexpo	FXPO	454	24.0%	109	1,148	2.1	1.7	1.6	2.9	2.3	2.3	0.8	0.7	0.8				
<b>Coal Mining</b>																		
Komsomolets Donbasa	SHKD	6	5.4%	0	108	0.8	0.4	0.3	0.9	1.2	1.2	0.4	0.5	0.5	26	25	24	\$/tonne
Coal Energy	CLE	32	25.0%	8	142	0.8	neg	neg	2.3	6.7	15.8	0.9	1.1	1.4	2.3	6.7	15.8	\$/tonne
<b>Pipe Manufacturing</b>																		
Khartsyzk Pipe	HRTR	62	2.0%	1	108	1.9	13.3	15.2	2.1	3.5	4.2	0.2	0.3	0.4	172	285	270	\$/tonne
<b>Railcar Manufacturing</b>																		
LuganskTeplovoz	LTPL	14	24.0%	3	52	3.0	0.7	0.6	1.8	1.4	1.4	0.2	0.2	0.1				
Kruiw Wagon	KVBZ	82	5.0%	4	71	0.9	2.0	neg	0.5	1.4	5.3	0.1	0.2	0.5				
Stakhanov Wagon	SVGZ	3	8.0%	0	36	5.4	5.9	6.8	5.0	6.1	6.5	0.1	0.2	0.2				
<b>Specialized Machinery</b>																		
Turboatom	TATM	94	5.8%	5	33	2.5	1.3	1.4	0.6	0.4	0.5	0.2	0.2	0.2				
Motor Sich	MSICH	287	24.0%	69	280	1.4	1.7	1.7	0.9	1.0	1.1	0.3	0.3	0.3				
<b>Telecom</b>																		
Ukrtelecom	UTLM	155	7.2%	11	458	3.4	9.1	5.9	2.2	2.4	2.6	0.5	0.6	0.8				
<b>Oil &amp; Gas</b>																		
Ukrnafta	UNAF	631	3.0%	19	626	3.6	27.1	3.9	1.4	2.2	1.9	0.2	0.2	0.2	n/a	n/a	n/a	\$/boe
Regal Petroleum	RPT	24	21.6%	5	-1	2.0	neg	11.9	-0.1	neg	-0.1	0.0	0.0	0.0	n/a	n/a	n/a	\$/boe
JKX Oil & Gas	JKX	35	50.4%	17	143	neg	5.3	4.4	1.1	2.2	2.1	0.7	0.8	0.7	26	20	19	\$/boe
<b>Electric Utilities</b>																		
CentrEnerg	CEEN	172	21.7%	37	159	6.0	2.9	10.8	2.3	1.7	4.7	0.1	0.2	0.3	9	12	10	\$/MWh
DonbasEnerg	DOEN	46	14.2%	6	90	11.9	0.7	1.5	2.8	1.2	2.6	0.2	0.1	0.2	11	12	11	\$/MWh
<b>Consumer</b>																		
MHP	MHPC	1,046	34.1%	357	2,126	3.4	6.4	neg	4.5	5.4	4.0	1.5	1.4	1.4				
Kernel	KER	663	61.8%	410	1,317	3.1	6.3	neg	4.1	4.5	5.9	0.6	0.5	0.6				
Astarta	AST	125	37.0%	46	521	2.2	3.7	neg	4.7	5.7	3.8	1.1	1.1	0.9				
Avangardco	AVGR	231	22.5%	52	337	1.0	1.0	n/a	1.2	1.1	n/a	0.5	0.5	n/a	76	58	55	\$/mneggs
Agroton	AGT	9	26.2%	2	58	1.3	neg	neg	2.8	7.7	16.7	0.7	0.7	0.6	n/a	n/a	n/a	
<b>Banks</b>																		
Raiffeisen Bank Aval	BAVL	181	3.5%	6		>30	2.0	neg	0.2	0.2	0.3	0.03	0.03	0.05				
Ukrsotsbank	USCB	163	1.0%	2		>30	>30	21.1	0.2	0.2	0.2	0.07	0.06	0.08				

Source: Eavex Research

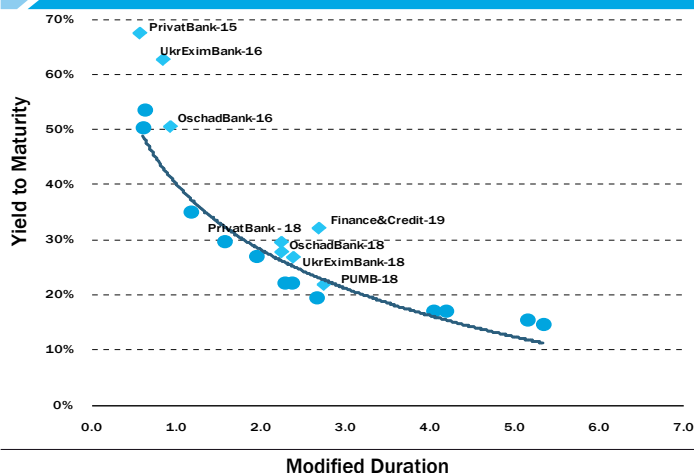
UKRAINIAN EUROBONDS

Issue	Price (Bid)	Price (Ask)	YTM (Bid)	YTM (Ask)	Price chg. (YTD)	Modified Duration	Coupon	Coupon Period	Maturity Date	Volume USD mn	Ratings <sup>1</sup>
<b>Sovereign Eurobonds</b>											
Ukraine, 2015 (EUR)	59.3	73.3	90.5%	50.5%	-30.9%	0.6	4.95%	A	13 Oct 2015	600*	Caa3/CCC/CCC
Ukraine, 2015	70.1	71.7	61.6%	57.7%	-27.5%	0.6	6.875%	S/A	23 Sept 2015	500	Caa3/CCC/CCC
Ukraine, 2016	62.4	63.4	35.0%	34.0%	-33.1%	1.5	6.58%	S/A	21 Nov 2016	1,000	Caa3/CCC/CCC
Ukraine, 2016-2	63.1	65.8	41.9%	38.3%	-31.5%	1.2	6.25%	S/A	17 Jun 2016	1,250	Caa3/CCC/CCC
Ukraine, 2017	61.8	64.8	26.4%	24.3%	-31.8%	2.3	6.75%	S/A	14 Nov 2017	700	Caa3/CCC/CCC
Ukraine, 2017-2	61.9	64.9	31.9%	29.5%	-36.1%	1.9	9.25%	S/A	24 Jul 2017	2,000	Caa3/CCC/CCC
Ukraine, 2017 Infr. projects	70.5	72.5	22.9%	21.7%	-13.5%	2.3	8.375%	S/A	3 Nov 2017	568	Caa3//
Ukraine, 2018 Infr. projects	70.0	72.5	20.2%	18.8%	-9.2%	2.7	7.40%	S/A	20 Apr 2018	690	Caa3//
Ukraine, 2020	60.7	62.7	19.3%	18.5%	-33.7%	4.0	7.75%	S/A	23 Sept 2020	1,500	Caa3/CCC/CCC
Ukraine, 2021	60.3	62.3	19.2%	18.4%	-34.6%	4.1	7.95%	S/A	23 Feb 2021	1,500	Caa3/CCC/CCC
Ukraine, 2022	60.4	62.4	17.1%	16.4%	-32.5%	5.0	7.80%	S/A	28 Nov 2022	1,250	Caa3/CCC/CCC
Ukraine, 2023	59.6	61.6	16.6%	16.0%	-33.2%	5.2	7.50%	S/A	17 Apr 2023	1,250	Caa3/CCC/CCC
<b>Corporate Eurobonds</b>											
Agroton, 2019	30.1	37.3	44.0%	36.2%	-35.4%	2.8	8.00%	S/A	14 Jul 2019	50	//RD
MHP, 2015	92.0	94.0	34.5%	28.0%	-10.4%	0.3	10.25%	S/A	29 Apr 2015	235	Caa2//CCC
MHP, 2020	69.0	71.0	17.4%	16.7%	-22.4%	3.8	8.25%	S/A	2 Apr 2020	750	/CCC/CCC
Avangardco, 2015	64.5	64.5	71.5%	71.5%	-34.2%	0.6	10.00%	S/A	29 Oct 2015	200	/CCC/
UkrLandFarming, 2018	44.5	44.5	44.5%	44.5%	-48.9%	2.0	10.88%	S/A	26 Mar 2018	500	/CCC/CCC
Mriya, 2016	12.0	16.0	287.7%	234.0%	-86.1%	0.6	10.95%	S/A	30 Mar 2016	72	/SD/RD
Mriya, 2018	10.5	10.5	114.4%	114.4%	-87.8%	1.5	9.45%	S/A	19 Apr 2018	400	/SD/RD
DTEK, 2015	77.0	80.0	93.5%	79.8%	-23.0%	0.3	9.50%	S/A	28 Apr 2015	200	Caa2//CCC
DTEK, 2018	45.0	50.0	38.8%	34.3%	-49.6%	2.3	7.88%	S/A	4 Apr 2018	750	Caa2//CCC
Metinvest, 2015	79.0	82.0	75.2%	63.9%	-21.5%	0.3	10.25%	S/A	20 May 2015	114	Caa2//CCC
Metinvest, 2017	63.0	65.2	30.3%	28.8%	-8.4%	1.6	10.50%	S/A	28 Nov 2017	290	//CCC
Metinvest, 2018	53.0	58.0	34.2%	30.3%	-37.7%	2.2	8.75%	S/A	14 Feb 2018	750	Caa2//CCC
Ferrexpo, 2016	77.0	80.0	30.5%	27.0%	-19.9%	1.1	7.875%	S/A	07 Apr 2016	500	/CCC/CCC
UZ Rail, 2018	55.0	61.0	32.0%	27.9%	-35.6%	2.5	9.50%	S/A	21 May 2018	500	/CCC/CCC
Interpipe, 2017	55.0	65.0	39.1%	30.5%	-22.0%	1.9	10.25%	S/A	2 Aug 2017	200	//
JKX Oil&Gas, 2018	58.3	59.6	33.5%	32.6%	-47.4%	1.6	8.00%	S/A	19 Feb 2018	40	
<b>Bank Eurobonds</b>											
Fin&Credit Bank, 2019	45.0	55.0	35.8%	28.5%	-39.4%	2.7	9.25%	S/A	25 Jan 2019	100	Caa3//
PUMB, 2014						2.7	11.00%	Q	31 Dec 2014	275	Caa3//
Nadra Bank, 2018	45.0	50.0	77.0%	64.3%	-41.0%	0.8	6.25%	A	31 Jul 2018	60	//
PrivatBank, 2015	66.0	71.0	75.0%	62.2%	-24.7%	0.6	9.38%	S/A	23 Sept 2015	200	Caa3//
PrivatBank, 2016	50.0	55.0	80.2%	68.5%	-30.9%	0.8	8.75%	S/A	9 Feb 2016	150	Caa3//
PrivatBank, 2018	58.0	60.0	33.1%	31.6%	-29.4%	2.2	10.88%	S/A	28 Feb 2018	175	Caa3//CCC
UkrEximBank, 2015	76.1	76.1	95.1%	95.1%	-21.1%	0.3	8.38%	S/A	27 Apr 2015	750	Caa3//CCC
UkrEximBank, 2016	55.0	60.0	68.5%	58.3%	-31.1%	0.8	5.79%	S/A	2 Sept 2016	125	Caa3//CCC
UkrEximBank, 2018	60.0	63.0	29.2%	27.1%	-30.9%	2.2	8.75%	S/A	22 Jan 2018	500	Caa3//CCC
VAB Bank, 2019	4.0	9.0	471.3%	243.9%	-92.4%	n/a	9.00%	Q	14 Jun 2019	88	//WD
Oschadbank, 2016	60.0	61.5	57.9%	55.2%	-34.7%	0.9	8.25%	S/A	10 Mar 2016	700	Caa3//CCC
Oschadbank, 2018	57.0	59.0	30.6%	29.2%	-34.6%	2.3	8.88%	S/A	20 Mar 2018	500	Caa3//CCC
<b>Municipal Eurobonds</b>											
City of Kyiv, 2015	73.9	74.9	47.3%	45.3%	-19.7%	0.7	8.00%	S/A	6 Nov 2015	250	Caa3/CCC/
City of Kyiv, 2016	69.7	74.8	36.3%	30.8%	-22.3%	1.2	9.375%	S/A	30 Jun 2016	300	Caa3/CCC/

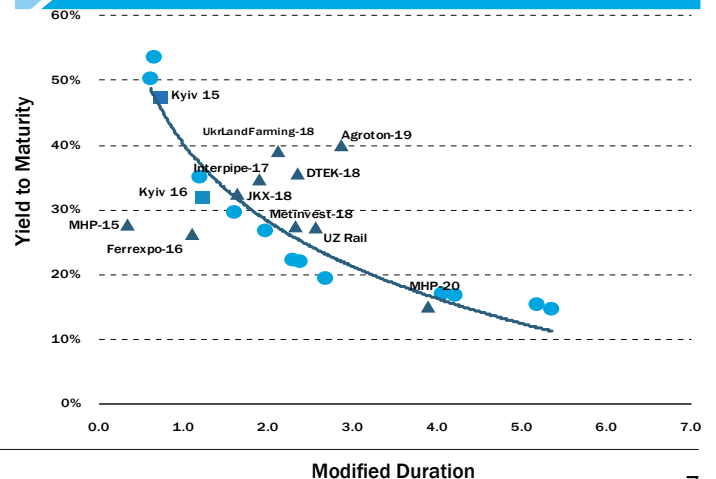
<sup>1</sup> Moody's/S&P/Fitch; \* EUR

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 UAH
<b>UAH denominated Bonds</b>									
UA4000141592			25%	20%	n/a	14.30%	S/A	20 May 2015	n/a
UA4000142665			25%	20%	n/a	14.30%	S/A	24 May 2017	n/a
<b>USD denominated Bonds</b>									
UA4000142699	n/a	n/a	14.0%	12.0%	n/a	9.45%	S/A	22 Apr 2015	n/a
UA4000141071	n/a	n/a	14.0%	12.0%	n/a	9.45%	S/A	27 May 2015	n/a
UA4000142673	n/a	n/a	14.0%	12.0%	n/a	4.50%	S/A	17 Jun 2015	n/a
<b>EUR denominated Bonds</b>									
UA4000142681	n/a	n/a	12.5%	12.0%	n/a	4.80%	S/A	6 May 2015	n/a
<b>VAT Bonds</b>									
UA4000082531			25%	20%	n/a	5.50%	S/A	21 Aug 2015	n/a
UA4000082622			25%	20%	n/a	5.50%	S/A	24 Aug 2015	n/a
UA4000083059			25%	20%	n/a	5.50%	S/A	25 Aug 2015	n/a
UA4000185151			25%	20%	1.9	9.50%	S/A	8 Jul 2019	3,577
UA4000185557			25%	20%	1.9	9.50%	S/A	22 Jul 2019	2,171
UA4000186159			25%	20%	1.9	9.50%	S/A	20 Aug 2019	955

Source: Bloomberg, Cbonds, Eavex Research



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