

**Market Update**

**Equity**

Kyiv-listed equities continued their tentative recovery for a third consecutive session on Friday (Aug 28), with the hryvnia's appreciation and the previous day's sovereign debt restructuring deal as the major factors behind the growth. The UX index added 0.9% to close at 980 points. Electricity stocks outperformed the market, with CentrEnergO (CEEN) gaining 2.6% to UAH 7.39 and DonbasEnergO (DOEN) climbing 1.4% to UAH 19.53. Volume leader Motor Sich (MSICH) edged up 0.4% on turnover of UAH 2.8mn. On the interbank currency market, the hryvnia corrected back by about 1% to bid/ask of 21.25/21.40 UAH/USD. In London trading, Ferrexpo (FXPO) advanced by 4.3% to GBP 61.00 while MHP (MHPC) sat unchanged at USD 9.20 despite reporting impressive profits for 2Q15. Warsaw-listed Kernel (KER) and Astarta (AST) were both solidly higher, gaining 5.4% and 4.8% respectively; the former finished at PLN 41.10.

**Fixed Income**

Ukrainian sovereign rose on Friday with the restructuring deal front issue Ukraine-15s adding 0.7 p.p. to close at 71.8/73.2 cents on the dollar. In corporate debt papers, Metinvest-18s lost 1.5 p.p. to 55.0/58.0 ( 39%/36%).

Volume Leaders	Ticker	Last, UAH	1D ch	Volume, UAH mn	Number of Trades
Motor Sich	MSICH	2630.00	0.4%	2.78	20
CentrenergO	CEEN	7.39	2.6%	0.35	24
Ukrnafta	UNAF	260.00	0.1%	0.08	17

**Growth Leaders**

CentrenergO	CEEN	7.39	2.6%	0.355	24
Avdyivka Coke	AVDK	1.12	1.8%	0.018	10
DonbasenergO	DOEN	19.53	1.4%	0.002	8

**Loss Leaders**

Raiffeisen Bank Aval	BAVL	0.09	-0.9%	0.058	7
Ukrnafta	UNAF	260.00	0.1%	0.080	17
Motor Sich	MSICH	2,630.00	0.4%	2.775	20

**Highlights**

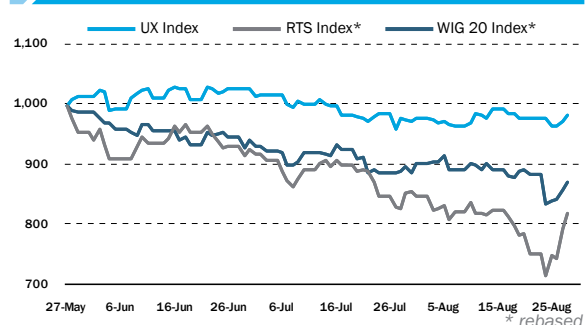
**POLITICS AND ECONOMICS**

- > Klitschko to lead Pro-Presidential Party After UDAR-Solidarity Merger

**FIXED INCOME**

- > DTEK Reports Double-Digit Output Drop in Core Segments in 1H15

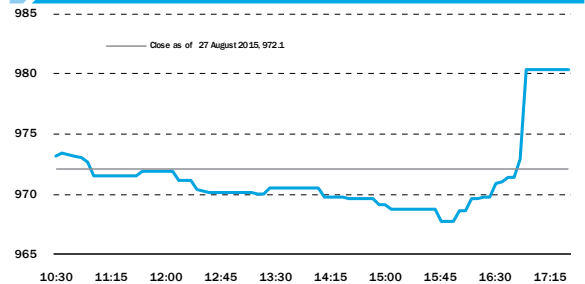
**STOCK MARKET PERFORMANCE**



**MARKET INDEXES**

	Last	1D ch	1M ch	YTD
UX	980.4	0.9%	0.4%	-5.1%
RTS	830.0	3.1%	-1.1%	5.0%
WIG20	2145.1	1.3%	-2.2%	-7.4%
MSCI EM	820.3	0.9%	-8.0%	-14.2%
S&P 500	1988.9	0.1%	-5.0%	-3.4%

**UX INTRADAY AUGUST 28, 2015**



**FIXED INCOME**

	Last	1D ch	1M ch	YTD
EMBI+Global	432.7	-1.3%	4.0%	7.0%
CDS 5Y UKR	1325.0	-8.6%	-43.6%	-39.8%
Ukraine-17	24.3%	0.2 p.p.	-11.9 p.p.	-1.3 p.p.
MHP-20	12.7%	-0.2 p.p.	-1.0 p.p.	-4.8 p.p.
Ukraine-23	13.7%	0.0 p.p.	-4.7 p.p.	6.2 p.p.
Privatbank-18	29.6%	-0.4 p.p.	0.2 p.p.	-3.0 p.p.

**CURRENCY**

	Last, UAH	1D ch	1M ch	YTD
USD	21.20	-0.4%	-5.2%	34.0%
EUR	23.72	-0.9%	-4.1%	23.9%
RUB	0.32	0.7%	-13.2%	17.9%

**COMMODITIES**

	Last	1D ch	1M ch	YTD
Wheat, USD/t*	191.8	0.0%	-2.5%	-22.1%
Steel, USD/t	325.0	0.0%	-6.5%	-27.8%
Oil, USD/bbl	50.1	5.2%	-7.1%	-21.2%
Gold, USD/oz	1133.6	0.8%	3.5%	-4.3%

\*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

## Klitschko to lead Pro-Presidential Party After UDAR-Solidarity Merger

by Will Ritter  
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### NEWS

Kyiv mayor Vitaliy Klitschko will take over the nominal leadership of the Solidarity Party founded by President Poroshenko, it was announced on Friday (Aug 28) following a congress to merge Klitschko's UDAR party with Solidarity. The President's party was previously led by Yuriy Lutsenko, who backed Klitschko as his successor.

### COMMENTARY

Klitschko's UDAR party, a project that was launched 4 years ago in the summer of 2011, has apparently reached the end of its useful life; with several of UDAR's top players already working for Poroshenko in the presidential administration, it has been clear for a while that the brand is in the process of being sold off. As for Klitschko, UDAR is no longer necessary for him, as he will be able to run for re-election to the Kyiv mayorship on his own personal brand with backing from Solidarity. Poroshenko's advisors probably view Klitschko as the recognizable frontman that the party has been lacking, but how this will actually work out remains to be seen. The merged entity represents a center-right patronage party that will have one eye on pressing ahead with Ukraine's Western integration, and the other on defending the interests of favored business groups whenever feasible.

**DTEK Reports Double-Digit Output Drop in Core Segments in 1H15**

by Dmitry Churin  
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**NEWS**

Vertically-integrated thermal power plant operator DTEK reported double-digit output declines in all of its core segments for 1H15, with coal production plunging 32.2% YoY to 14.0mn tonnes and electricity generation slumping 22.2% YoY to 18.9 TWh, according to the company's operational update published on Friday (Aug 28). In other key business segments, DTEK also showed grim operating results in the period, with electricity distribution reduced by 17.3% YoY to 23.0 TWh and electricity exports free-falling by 62.3% YoY to 1.7 TWh.

**DTEK PRODUCTION FIGURES**

Segment	Unit	1H15	1H14	Change YoY
Coal production	mn tonnes	14.0	20.7	-32.2%
Electricity generation	TWh	18.9	24.3	-22.2%
Electricity distribution	TWh	23.0	27.9	-17.3%
Electricity export	TWh	1.7	4.6	-62.3%

Source: Companies' data

**COMMENTARY**

Although roughly 30% of DTEK's are assets located on separatist-occupied territories in Eastern Ukraine, the company has nonetheless been trying to bring the operation of these assets back toward normal capacity. In particular, DTEK's coal mines at Rovenky and Sverdlovsk in Lugansk province and Komsomolets Donbasa in Donetsk increased their combined production by 35% QoQ to 1.0mn tonnes in 2Q15. Meanwhile, 2.3mn tonnes of DTEK's coal are still stuck in storage, as the group has no safe way to deliver this coal to thermal power plants. Another problem DTEK is facing is the billions of hryvnia-denominated debt that the government's electricity wholesale operator EnergoRynok owes to the company. We find it impossible to state definitively whether the government intentionally targeted DTEK for non-payment, or whether this situation is simply a product of the financing cuts to the occupied territories. In the electricity export segment, DTEK said the main factors influencing its performance were a lack of sales to Belarus, Moldova and Poland. Moreover, the Energy Ministry has been limiting electricity exports since August 2014. This low volume of electricity exports as well as coal exports have nearly cut DTEK off from the foreign currency revenue needed to service its dollar-denominated debt.

DTEK-2018 Eurobonds are currently quoted at 42.0/44.0 (50%/48%), reflecting the company's distressed operating and financial situation.

## EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
<b>Agriculture</b>						
Kernel	KER PW	41.5	56.50	36%	BUY	A hedged approach to doing business, no devaluation risk, limited political risk due to lack of assets in the Donbass, and a U-turn in the farming segment in the 2014-15 season make Kernel's stock our current top investment story.
MHP	MHPC LI	9.3	15.32	64%	BUY	MHP plans to increase its poultry output by 10% YoY to 600,000 tonnes in 2015, operating at full capacity use of its brand-new Vinnytsia complex. The group intends to expand its land bank in Ukraine to 500,000 ha in the medium term from the current 290,000 ha.
Astarta	AST PW	33.0	36.1	9%	HOLD	Astarta has made decisive moves toward diversification (it launched a soybean processing plant in early 2014) and cost optimization (launch of bioenergy complex in 2014). With no assets in the Donbass, Astarta's exposure to UAH devaluation is largely offset by its UAH cost base.
IMC	IMC PW	5.3	9.4	77%	BUY	Quality business & cheap stock are attributes which appropriately fits to the case of IMC. The company's work on deleverage, ongoing land bank expansion program, no exposure to Donbass and high standards of corporate governance more than offset poor liquidity of the IMC's stock.
AvangardCo	AVGR LI	0.5	1.4	163%	SELL	The loss of the company's output in the war-hit Donbass along with UAH devaluation will lead to even lower EBITDA in 2015 after a 57% plunge in 2014.
Ovostar Union	OVO PW	82.0	80.8	-1%	HOLD	Ovostar has been one of the hardest-hit Ukrainian public companies by this year's UAH devaluation, as some 70% of its production cost is linked to USD while only 15% of its revenue is earned in hard currencies.
<b>Iron Ore</b>						
Ferrexpo	FXPO LN	61.8	48.0	-22%	SELL	The ongoing issue of global iron ore oversupply along with sluggish growth in demand will likely keep ore prices at depressed levels at least in the short run, boding poorly for Ferrexpo's earnings.
<b>Steel</b>						
Azovstal	AZST	0.79	0.56	-29%	SELL	Non-transparent reporting practices detrimentally affect Azovstal's reported earnings.
<b>Coke</b>						
Avdyivka Coke	AVDK	1.12	U/R	--	Susp.	Avdyivka Coke's facilities are located on the front line of the Donbass separatist-occupied territory, and the plant has been experiencing periodic artillery shelling since August 2014. However, the company continues to operate, albeit at reduced capacity.
<b>Specialized Machinery</b>						
Motor Sich	MSICH	2630	5250	100%	BUY	Motor Sich should see its revenue 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%.
<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	4.3	U/R	--	U/R	Regal has repeatedly missed its production targets since 2012.
JKX Oil & Gas	JKX	15.8	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.
<b>Power Utilities</b>						
DonbasEnerg	DOEN	19.5	U/R	--	U/R	The Donetsk separatist government has nationalized DonbasEnerg's Starobeshevo power plant, which previously accounted for about 70% of the company's installed power-generating capacity.
CenterEnerg	CEEN	7.39	15.00	103%	BUY	CenterEnerg's privatization has been postponed, but the company retains a strong fundamental value due to its large installed electricity generation capacity.
<b>Banks</b>						
Raiffeisen Bank Aval	BAVL	0.092	0.24	160%	BUY	Raiffeisen Aval has a conservative risk policy, and we therefore assume it will manage to weather the current banking crisis in Ukraine and start to generate profits starting from 2016. The EBRD is expected to purchase a stake in the institution.

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	980.35	1226.80	908.88	0.9%	0.4%	0.4%	-5.1%	0.0%	0.0%	0.0%	0.0%
<b>Steel</b>												
Alchevsk Steel	ALMK	0.013	0.034	0.010	0.0%	0.8%	6.5%	-9.0%	-0.9%	0.4%	6.0%	-3.8%
Azovstal	AZST	0.79	0.89	0.59	0.0%	-1.3%	-2.1%	5.4%	-0.9%	-1.6%	-2.6%	10.5%
Enakievo Steel	ENMZ	16.60	37.43	14.03	0.0%	-2.3%	0.4%	-20.8%	-0.9%	-2.7%	0.0%	-15.6%
<b>Coke</b>												
Avdyivka Coke	AVDK	1.12	2.89	0.86	1.7%	4.0%	19.0%	-35.3%	0.9%	3.6%	18.6%	-30.2%
Yasnyivsky Coking	YASK	0.32	0.60	0.18	0.0%	-11.1%	28.0%	14.3%	-0.9%	-11.5%	27.6%	19.4%
<b>Iron Ore Mining</b>												
Centralny GOK	CGOK	5.97	n/a	n/a	0.0%	0.0%	-14.2%	-23.4%	-0.9%	-0.4%	-14.7%	-18.2%
Ferrexpo	FXPO	61.75	133.30	47.91	5.6%	-3.5%	7.4%	16.5%	4.7%	-3.9%	6.9%	21.6%
Pivnichny GOK	SGOK	6.30	12.30	4.44	0.0%	0.0%	0.0%	-24.7%	-0.9%	-0.4%	-0.4%	-19.6%
<b>Coal Mining</b>												
Pokrovske Mine	SHCHZ	0.37	n/a	n/a	0.0%	0.0%	48.0%	-21.3%	-0.9%	-0.4%	47.6%	-16.2%
<b>Pipe Manufacturing</b>												
Khartsyzk Pipe	HRTR	0.22	0.60	0.20	0.0%	-4.3%	4.8%	-42.1%	-0.9%	-4.7%	4.3%	-37.0%
<b>Railcar Manufacturing</b>												
Kryukiv Wagon	KVBZ	10.43	16.91	9.05	1.1%	1.0%	5.1%	-18.8%	0.2%	0.6%	4.7%	-13.7%
Luhanskteplovoz	LTPL	0.92	n/a	n/a	0.0%	0.0%	-31.9%	-14.8%	-0.9%	-0.4%	-32.3%	-9.7%
<b>Specialized Machinery</b>												
Motor Sich	MSICH	2630	2939	1970	0.9%	-0.6%	0.7%	5.9%	0.1%	-0.9%	0.2%	11.0%
Turboatom	TATM	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<b>Telecom</b>												
Ukrtelecom	UTLM	0.15	0.21	0.10	0.0%	-13.2%	7.1%	-1.3%	-0.9%	-13.6%	6.7%	3.8%
<b>Oil &amp; Gas</b>												
Regal Petroleum	RPT	4.25	9.25	3.13	2.4%	9.7%	-16.3%	36.0%	1.6%	9.3%	-16.7%	41.1%
JKX Oil	JKX	15.75	51.00	11.00	0.0%	-7.4%	-17.1%	31.3%	-0.9%	-7.7%	-17.6%	36.4%
Ukrnafta	UNAF	260.0	375.0	172.5	0.1%	2.7%	-7.9%	27.9%	-0.7%	2.3%	-8.3%	33.0%
<b>Power Utilities</b>												
Centrenergo	CEEN	7.39	8.50	6.72	1.3%	2.2%	0.4%	-2.0%	0.5%	1.8%	-0.1%	3.1%
Donbasenergo	DOEN	19.53	37.23	18.50	1.3%	-1.8%	-2.8%	-40.8%	0.5%	-2.1%	-3.3%	-35.7%
Zakhidenergo	ZAEN	130.0	199.8	124.9	0.0%	0.0%	-23.5%	-12.2%	-0.9%	-0.4%	-24.0%	-7.1%
<b>Consumer</b>												
Agroton	AGT	1.04	2.32	0.95	-2.8%	-8.8%	-11.1%	-15.4%	-3.7%	-9.1%	-11.6%	-10.3%
Astarta	AST	33.00	39.27	14.50	4.8%	8.2%	0.0%	65.0%	3.9%	7.8%	-0.4%	70.1%
Avangardo	AVGR	0.52	8.80	0.52	-25.7%	-40.9%	-52.7%	-74.6%	-26.6%	-41.3%	-53.2%	-69.5%
Industrial Milk Company	IMC	5.30	8.49	4.38	6.0%	6.0%	-6.2%	-6.5%	5.1%	5.6%	-6.6%	-1.4%
Kernel	KER	41.50	45.55	22.00	6.4%	-2.8%	-2.9%	45.8%	5.6%	-3.2%	-3.4%	50.9%
Mriya Agro Holding	MAYA	n/a	1.90	0.05	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MHPC	MHPC	9.32	13.00	8.24	1.3%	-0.9%	-9.5%	1.3%	0.5%	-1.2%	-10.0%	6.4%
Milkiland	MLK	1.00	4.99	0.89	1.0%	0.0%	-31.0%	-32.4%	0.2%	-0.4%	-31.5%	-27.3%
Ovostar Union	OVO	82.00	83.00	67.00	5.1%	2.5%	-1.2%	13.9%	4.3%	2.1%	-1.6%	19.0%
<b>Chemicals</b>												
Stirol	STIR	6.00	12.28	3.00	0.0%	0.0%	9.1%	-13.4%	-0.9%	-0.4%	8.6%	-8.3%
<b>Banks</b>												
Raiffeisen Bank Aval	BAVL	0.092	0.137	0.085	-0.9%	0.2%	7.0%	-4.0%	-1.7%	-0.1%	6.5%	1.2%
UkrSotsbank	USCB	0.103	0.171	0.064	2.5%	13.3%	20.6%	-21.3%	1.6%	12.9%	20.1%	-16.2%

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		
		2013	2014E	2015E	2013	2014E	2015E	2013	2014E	2015E	2013	2014E	2015E	2013	2014E	2015E
<b>Steel</b>																
Alchevsk Steel	ALMK	1,729	700	280	-62	-83	-100	neg	neg	neg	-214	-1,683	-190	neg	neg	neg
Enakievo Steel	ENMZ	1,507	906	539	-7	6	31	neg	0.6%	5.7%	-61	-33	24	neg	neg	4.4%
Azovstal	AZST	2,562	1,885	1,602	-81	183	126	neg	9.7%	7.8%	-308	77	66	neg	4.1%	4.1%
<b>Coke</b>																
Avdyivka Coke	AVDK	914	509	382	46	-54	-57	5.0%	neg	neg	-6	-75	-82	neg	neg	neg
Yasynivsky Coking	YASK	367	198	159	29	-4	-5	7.8%	neg	neg	-3	-13	-10	neg	neg	neg
<b>Iron Ore Mining</b>																
Centralny GOK	CGOK	679	611	550	312	223	159	46.0%	36.5%	28.8%	194	115	80	28.6%	18.8%	14.6%
Pivnichny GOK	SGOK	1,630	1,467	1,320	914	649	463	56.1%	44.2%	35.1%	548	324	226	33.7%	22.1%	17.2%
Ferrexpo	FXPO	1,581	1,388	1,059	506	496	256	32.0%	35.8%	24.2%	264	184	98	16.7%	13.2%	9.2%
<b>Pipe Manufacturing</b>																
Khartsyzk Pipe	HRTR	310	193	92	31	43	18	10.1%	22.6%	19.3%	5	23	2	1.5%	11.7%	2.0%
<b>Railcar Manufacturing</b>																
Luhanskeplovov	LTPL	329	127	n/a	36	-2	n/a	10.8%	neg	n/a	19	-16	n/a	5.9%	neg	n/a
Kryukiv Wagon	KVBZ	462	133	67	50	-6	-4	10.9%	neg	neg	42	-23	-9	9.0%	neg	neg
<b>Specialized Machinery</b>																
Turboatom	TATM	214	164	114	90	73	36	42.1%	44.6%	32.0%	72	53	23	33.5%	32.4%	20.0%
Motor Sich	MSICH	1,053	879	636	384	342	218	36.5%	38.9%	34.3%	162	129	92	15.4%	14.7%	14.5%
<b>Telecom</b>																
Ukrtelecom	UTLM	796	412	251	-199	85	72	neg	20.6%	28.5%	-279	18	9	neg	4.4%	3.6%
<b>Oil &amp; Gas</b>																
Ukrnafta	UNAF	2,589	2,324	1,336	286	380	521	11.1%	16.4%	39.0%	23	105	253	0.9%	4.5%	19.0%
Regal Petroleum	RPT	37	38	35	-146	16	13	neg	42.1%	37.1%	-127	2	3	neg	5.3%	8.6%
JKX Oil	JKX	181	146	150	66	69	70	36.7%	46.9%	46.7%	7	-80	5	3.6%	neg	3.3%
<b>Electric Utilities</b>																
Centrenergo	CEEN	915	630	323	94	26	-12	10.3%	4.1%	neg	60	6	-28	6.5%	0.9%	neg
Donbasenergo	DOEN	656	458	196	72	20	-19	11.0%	4.4%	neg	65	8	-17	9.9%	1.8%	neg
<b>Consumer</b>																
MHP	MHPC	1,496	1,379	1,134	391	555	520	26.1%	40.2%	45.9%	162	-412	31	10.8%	neg	2.7%
Kernel	KER	2,797	2,393	2,325	291	223	415	10.4%	9.3%	17.8%	105	-107	100	3.8%	neg	4.3%
Astarta	AST	491	422	347	91	143	98	15.5%	28.3%	23.5%	34	-82	-12	5.8%	neg	neg
Avangardco	AVGR	661	420	361	301	129	94	45.6%	30.9%	26.1%	238	-27	-13	36.0%	neg	neg
Ovostar	OVO	81	75	79	36	29	25	43.7%	38.9%	31.6%	31	26	24	38.0%	34.5%	30.7%
<b>Banks</b>																
		Total Assets			Total Equity			Total Income			Net Profit			Return on Equity		
Raiffeisen Bank Aval	BAVL	5,333	2,869	2,166	888	390	295	723	327	217	90	-87	-115	10.1%	-22.2%	-39.1%
Ukrsotsbank	USCB	5,283	2,730	2,095	1,064	518	362	145	163	145	1	-42	-14	0.1%	-8.0%	-3.9%

Source: Eavex Research

**MAIN TRADING MULTIPLES**

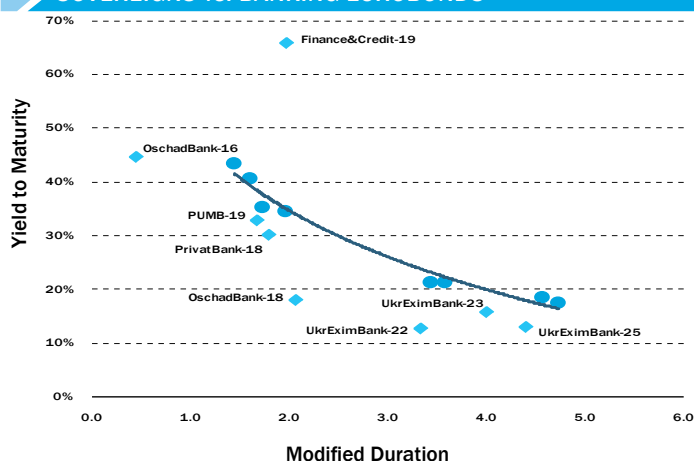
Ticker	MCap USD mn	Free Float % USD mn	EV USD mn	P/E			EV/EBITDA			EV/Sales			EV/Output			Units		
				2013	2014E	2015E	2013	2014E	2015E	2013	2014E	2015E	2013	2014E	2015E			
<b>Steel</b>																		
Alchevsk Steel	ALMK	16	3.9%	1	2,630	neg	neg	neg	neg	neg	neg	1.5	3.8	9.4	680	634	615	\$/tonne
Yenakievo Steel	ENMZ	8	8.8%	1	6	neg	neg	0.3	neg	1.1	0.2	0.0	0.0	0.0	2	2	2	\$/tonne
Azovstal	AZST	156	3.0%	5	149	neg	2.0	2.4	neg	0.8	1.2	0.1	0.1	0.1	32	33	33	\$/tonne
<b>Coke</b>																		
Avdiyivka Coke	AVDK	10	6.8%	1	-29	neg	neg	neg	-0.6	neg	neg	0.0	-0.1	-0.1	-7	-7	-8	\$/tonne
Yasynivsky Coke	YASK	4	9.0%	0	5	neg	neg	neg	0.2	neg	neg	0.0	0.0	0.0	0.2	neg	neg	\$/tonne
<b>Iron Ore Mining</b>																		
Centralny GOK	CGOK	330	0.3%	1	329	1.7	2.9	4.1	1.1	1.5	2.1	0.5	0.5	0.6				
Pivnichny GOK	SGOK	685	0.4%	3	678	1.2	2.1	3.0	0.7	1.0	1.5	0.4	0.5	0.5				
Ferrexpo	FXPO	562	24.0%	135	1,257	2.1	3.1	5.8	2.5	2.5	4.9	0.8	0.9	1.2				
<b>Pipe Manufacturing</b>																		
Khartsyzk Pipe	HRTR	27	2.0%	1	73	5.7	1.2	14.6	2.3	1.7	4.1	0.2	0.4	0.8	115	191	182	\$/tonne
<b>Railcar Manufacturing</b>																		
LuganskTeplovoz	LTPL	10	24.0%	2	47	0.5	neg	n/a	1.3	neg	n/a	0.1	0.4	n/a				
Krukiv Wagon	KVBZ	56	5.0%	3	50	1.4	neg	neg	1.0	neg	neg	0.1	0.4	0.8				
<b>Specialized Machinery</b>																		
Turboatom	TATM	70	5.8%	4	39	1.0	1.3	3.1	0.4	0.5	1.1	0.2	0.2	0.3				
Motor Sich	MSICH	258	24.0%	62	286	1.6	2.0	2.8	0.7	0.8	1.3	0.3	0.3	0.4				
<b>Telecom</b>																		
Ukrtelecom	UTLM	132	7.2%	10	223	neg	7.3	14.5	neg	2.6	3.1	0.3	0.5	0.9				
<b>Oil &amp; Gas</b>																		
Ukrnafta	UNAF	665	3.0%	20	658	28.5	6.3	2.6	2.3	1.7	1.3	0.3	0.3	0.5	n/a	n/a	n/a	\$/boe
Regal Petroleum	RPT	21	21.6%	5	-4	neg	10.6	7.1	neg	-0.2	-0.3	-0.1	-0.1	-0.1	n/a	n/a	n/a	\$/boe
JKX Oil & Gas	JKX	42	50.4%	21	150	6.5	neg	8.4	2.3	2.2	2.1	0.8	1.0	1.0	27	21	20	\$/boe
<b>Electric Utilities</b>																		
CentrEnerg	CEEN	129	21.7%	28	145	2.2	21.9	neg	1.5	5.6	neg	0.2	0.2	0.5	8	11	9	\$/MWh
DonbasEnerg	DOEN	22	14.2%	3	50	0.3	2.6	neg	0.7	2.5	neg	0.1	0.1	0.3	6	6	6	\$/MWh
<b>Consumer</b>																		
MHP	MHPC	985	34.1%	336	2,085	6.1	neg	>30	5.3	3.8	4.0	1.4	1.5	1.8				
Kernel	KER	888	61.8%	548	1,364	8.5	neg	8.9	4.7	6.1	3.3	0.5	0.6	0.6				
Astarta	AST	222	37.0%	82	432	6.5	neg	neg	4.7	3.0	4.4	0.9	1.0	1.2				
Avangardco	AVGR	33	22.5%	7	259	0.1	neg	neg	0.9	2.0	2.8	0.4	0.6	0.7	59	45	42	\$/mneqgs
Ovostar	OVO	132	25.0%	33	141	4.3	5.1	5.4	4.0	4.8	5.6	1.7	1.9	1.8	n/a	n/a	n/a	
<b>Banks</b>																		
						P/E			P/Book			P/Assets						
Raiffeisen Bank Aval	BAVL	131	3.5%	5		1.5	neg	neg	0.1	0.3	0.4	0.02	0.05	0.06				
Ukrsotsbank	USCB	374	0.2%	1		>30	>30	>30	0.4	0.7	1.0	0.07	0.14	0.18				

Source: Eavex Research

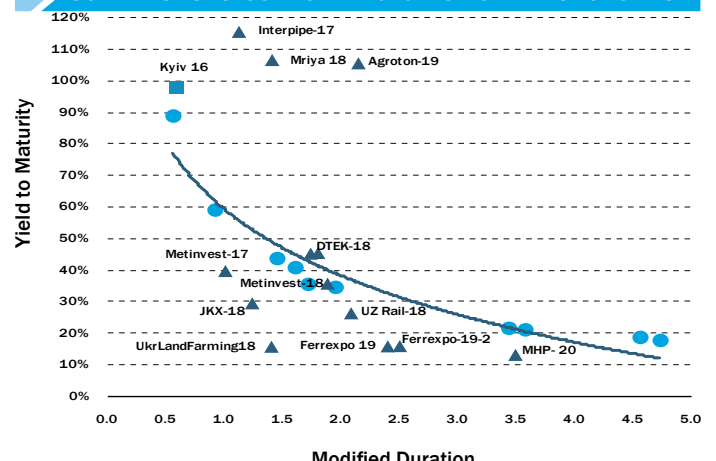
## UKRAINIAN EUROBONDS

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)	71.0	72.8	n/a	n/a	5.7%	0.1	4.95%	A	13 Oct 2015	600*	Ca/CC/CC
Ukraine, 2015	71.8	73.2	n/a	n/a	3.1%	0.0	6.875%	S/A	23 Sept 2015	500	Ca/CC/CC
Ukraine, 2016	72.6	74.0	n/a	n/a	16.9%	1.0	6.58%	S/A	21 Nov 2016	1,000	Ca/CC/CC
Ukraine, 2016-2	72.6	73.3	n/a	n/a	12.6%	0.6	6.25%	S/A	17 Jun 2016	1,250	Ca/CC/CC
Ukraine, 2017	70.5	72.0	n/a	n/a	12.7%	1.8	6.75%	S/A	14 Nov 2017	700	Ca/CC/CC
Ukraine, 2017-2	71.0	73.0	n/a	n/a	15.7%	1.5	9.25%	S/A	24 Jul 2017	2,000	Ca/CC/CC
Ukraine, 2017 Infr. projects	70.0	72.0	n/a	n/a	15.4%	1.7	8.375%	S/A	3 Nov 2017	568	Ca//
Ukraine, 2018 Infr. projects	70.0	72.0	n/a	n/a	18.3%	2.1	7.40%	S/A	20 Apr 2018	690	Ca//
Ukraine, 2020	70.5	72.5	n/a	n/a	19.9%	3.6	7.75%	S/A	23 Sept 2020	1,500	Ca/CC/CC
Ukraine, 2021	70.3	72.0	n/a	n/a	19.8%	4.0	7.95%	S/A	23 Feb 2021	1,500	Ca/CC/CC
Ukraine, 2022	70.5	72.0	14.5%	14.1%	18.4%	4.9	7.80%	S/A	28 Nov 2022	1,250	Ca/CC/CC
Ukraine, 2023	70.3	72.3	14.0%	13.4%	20.1%	5.0	7.50%	S/A	17 Apr 2023	1,250	Ca/CC/CC
<b>Corporate Eurobonds</b>											
Agroton, 2019	21.1	24.6	62.9%	56.0%	-32.3%	2.3	8.00%	S/A	14 Jul 2019	50	//RD
MHP, 2020	84.0	85.9	13.0%	12.4%	23.1%	3.5	8.25%	S/A	2 Apr 2020	750	/CCC-/CCC
Avangardco, 2015	48.3	48.3	631.2%	631.2%	-25.2%	0.1	10.00%	S/A	29 Oct 2015	200	//WD
UkrLandFarming, 2018	67.9	72.2	14.8%	13.6%	n/a	n/a	10.88%	S/A	26 Mar 2018	500	/CC/WD
Mriya, 2016	16.8	17.9	775.6%	722.5%	38.5%	0.1	10.95%	S/A	30 Mar 2016	72	/SD/RD
Mriya, 2018	16.0	18.0	113.4%	104.6%	23.5%	1.4	9.45%	S/A	19 Apr 2018	400	/SD/RD
DTEK, 2018	47.0	49.0	48.6%	46.2%	n/a	1.7	10.375%	S/A	28 Mar 2018	160	Ca//C
DTEK, 2018	42.0	44.0	50.3%	47.7%	-3.4%	1.7	7.88%	S/A	4 Apr 2018	750	Ca//C
Metinvest, 2015	n/a	n/a	n/a	n/a	n/a	n/a	10.25%	S/A	20 May 2015	114	Caa3//C
Metinvest, 2017	58.9	61.0	39.8%	37.7%	-14.4%	1.0	10.50%	S/A	28 Nov 2017	290	Caa3//C
Metinvest, 2018	55.0	58.0	38.8%	35.9%	1.7%	1.9	8.75%	S/A	14 Feb 2018	750	Caa3//C
Ferrexpo, 2019	84.3	85.4	16.3%	15.9%	n/a	2.5	10.375%	S/A	07 Apr 2019	186	Caa3//C
Ferrexpo, 2019	84.1	86.3	16.4%	15.5%	n/a	2.4	10.375%	S/A	07 Apr 2019	161	Caa3//C
RailUA, 2018	69.5	72.2	25.7%	24.0%	33.6%	2.1	9.50%	S/A	21 May 2018	500	/CC/C
Interpipe, 2017	20.0	30.0	140.3%	99.6%	-54.5%	1.1	10.25%	S/A	2 Aug 2017	200	//
JKX Oil&Gas, 2018	70.1	72.4	30.9%	29.3%	22.4%	1.2	8.00%	S/A	19 Feb 2018	40	
<b>Bank Eurobonds</b>											
Fin&Credit Bank, 2019	8.4	11.5	146.3%	118.8%	-88.0%	1.2	9.25%	S/A	25 Jan 2019	100	//
PUMB, 2018	62.3	64.8	29.0%	27.4%	-9.9%	1.7	11.00%	Q	31 Dec 2018	275	WR//NR
Nadra Bank, 2018	7.0	11.6	n/a	n/a	n/a	0.2	6.25%	A	31 Jul 2018	60	//
PrivatBank, 2015	68.5	68.5	614.4%	614.4%	-4.2%	0.0	9.38%	S/A	23 Sept 2015	200	Cau//CC
PrivatBank, 2016	60.0	61.9	160.6%	148.9%	19.6%	0.3	8.75%	S/A	9 Feb 2016	150	Cau//CC
PrivatBank, 2018	67.0	70.0	30.8%	28.5%	2.9%	1.9	10.88%	S/A	28 Feb 2018	175	Cau//CC
UkrEximBank, 2022	88.5	90.4	12.2%	11.7%	n/a	3.3	9.625%	S/A	27 Apr 2022	750	WR//C
UkrEximBank, 2023	67.9	72.2	14.8%	13.6%	n/a	n/a	7.51%	S/A	9 Feb 2023	125	Ca//C
UkrEximBank, 2025	87.3	88.2	12.1%	11.9%	n/a	4.5	9.75%	S/A	22 Jan 2025	600	Ca//C
VAB Bank, 2019	2.4	6.8	n/a	n/a	-79.9%	n/a	9.00%	Q	14 Jun 2019	88	//WD
Oschadbank, 2016	83.4	85.3	47.6%	42.4%	43.8%	0.4	8.25%	S/A	10 Mar 2016	700	Ca//CC
Oschadbank, 2018	80.0	82.8	19.1%	17.5%	44.2%	2.1	8.88%	S/A	20 Mar 2018	500	Ca//CC
<b>Municipal Eurobonds</b>											
City of Kyiv, 2015	40.8	43.3	229.9%	209.8%	-42.1%	0.3	8.00%	S/A	6 Nov 2015	250	Ca/CC/CC
City of Kyiv, 2016	40.0	45.0	102.4%	88.4%	-39.9%	0.8	9.375%	S/A	30 Jun 2016	300	Ca/CC/CC

### SOVEREIGNS vs. BANKING EUROBONDS



### SOVEREIGNS vs. CORPORATE and MUNICIPAL EUROBONDS



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

Source: Bloomberg, Cbonds, Eavex Research



**UKRAINIAN DOMESTIC BONDS**

Issue	Price (Bid)	Price (Ask)	YTM (Bid)	YTM (Ask)	Modified Duration	Coupon	Coupon Period	Maturity Date	Volume mn UAH
<b>UAH denominated Bonds</b>									
UA4000142665			25%	20%	n/a	14.30%	S/A	24 May 2017	n/a
<b>VAT Bonds</b>									
UA4000185151			25%	22%	1.9	9.50%	S/A	8 Jul 2019	3,577
UA4000185557			25%	22%	1.9	9.50%	S/A	22 Jul 2019	2,171
UA4000186159			25%	22%	1.9	9.50%	S/A	20 Aug 2019	955

Source: Bloomberg, Cbonds, Eavex Research

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