

## Market Update

### Equity

Ukraine's local equity market saw few notable changes on Friday (Aug 7), or for that matter, during the opening week of August, with trading stuck in a very slow summer pattern. European bourses were also not very active, while the main US indices edged lower on impending expectations of a Federal Reserve interest rate hike. The UX index ticked down by a tenth of a percent to end at 964 points. CentrEnerg continued what has been a slow but steady drop, shedding another 0.7% to UAH 7.33, while Alchevsk Steel gave up some of its recent appreciation with a 3.8% loss. Volume leader Motor Sich managed a 0.4% gain to UAH 2650 on turnover of UAH 1.3mn and UkrNafta was flat at UAH 270. In London, MHP slid to its lowest level since early in 2015, falling 2.0% to USD 9.40. Warsaw-listed Ukrainian issues finished broadly lower with Agroton (AGT) and Astrata (AST) losing 0.8% and 1.6% respectively. Kernel (KER) edged down 1.2% to close at PLN 44.25.

### Fixed Income

Ukrainian sovereign Eurobonds were lower on Friday amid prevailing uncertainty in the restructuring process. Ukraine-23s declined by 0.7p.p. to 56.0/57.3 (18.5%/18.0%). Corporate names were little-changed. Metinvest-18s were up by 0.2p.p. to 57.5/59.5 (35.8%/34.0%) while Ferrexpo-19s inched down by 0.1p.p., closing at 84.3/86.1 (16.2%/15.5%).

Volume Leaders	Ticker	Last, UAH	1D ch	Volume, UAH mn	Number of Trades
Motor Sich	MSICH	2649.00	0.4%	1.34	23
Centrenerg	CEEN	7.33	-0.7%	0.26	30
Ukrnafta	UNAF	269.60	0.0%	0.24	26

### Growth Leaders

Raiffeisen Bank Aval	BAVL	0.09	1.2%	0.028	8
Motor Sich	MSICH	2649.00	0.4%	1.345	23
Ukrnafta	UNAF	269.60	0.0%	0.244	26

### Loss Leaders

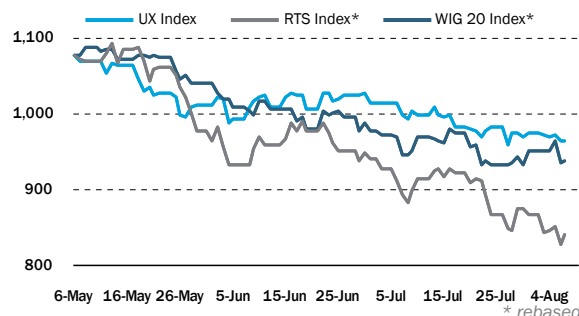
Centrenerg	CEEN	7.33	-0.7%	0.255	30
Ukrnafta	UNAF	269.60	0.0%	0.244	26
Motor Sich	MSICH	2,649.00	0.4%	1.345	23

## Highlights

### FIXED INCOME

- PrivatBank Sweetens Restruc Proposal for USD 200mn Issue Due on Sept 23
- MinFin Heading to Templeton HQ to Pitch Restructuring Deal

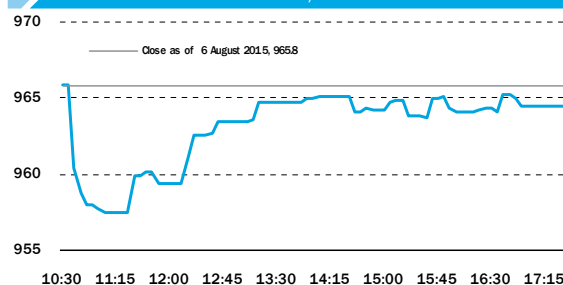
## STOCK MARKET PERFORMANCE



## MARKET INDEXES

	Last	1D ch	1M ch	YTD
UX	964.4	-0.1%	-3.4%	-6.7%
RTS	832.5	1.5%	-6.0%	5.3%
WIG20	2196.8	0.0%	-1.0%	-5.1%
MSCI EM	885.1	0.0%	-4.9%	-7.4%
S&P 500	2077.6	-0.3%	-0.2%	0.9%

## UX INTRADAY AUGUST 7, 2015



## FIXED INCOME

	Last	1D ch	1M ch	YTD
EMBI+Global	419.9	1.4%	4.6%	3.9%
CDS 5Y UKR	2150.0	0.0%	-23.2%	-2.3%
Ukraine-17	36.7%	0.0 p.p.	-4.0 p.p.	11.0 p.p.
MHP-20	13.3%	0.0 p.p.	-0.6 p.p.	-4.3 p.p.
Ukraine-23	18.2%	0.3 p.p.	-0.9 p.p.	10.7 p.p.
Privatbank-18	30.0%	0.1 p.p.	0.2 p.p.	-2.6 p.p.

## CURRENCY

	Last, UAH	1D ch	1M ch	YTD
USD	21.13	-0.8%	-2.1%	33.5%
EUR	23.17	-0.5%	-2.5%	21.0%
RUB	0.33	-0.1%	-13.3%	20.1%

## COMMODITIES

	Last	1D ch	1M ch	YTD
Wheat, USD/t*	190.6	0.0%	-13.6%	-22.6%
Steel, USD/t	347.5	0.0%	-0.7%	-22.8%
Oil, USD/bbl	48.6	-1.8%	-15.3%	-17.9%
Gold, USD/oz	1094.1	0.4%	-5.3%	-7.7%

\*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

## PrivatBank Sweetens Restructuring Proposal for USD 200mn Issue Due on Sept 23

by Dmitry Churin  
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### NEWS

PrivatBank, which is Ukraine's largest bank by assets and is owned by the business group of industrialist Igor Kolomoysky, improved its restructuring proposal for its USD 200mn outstanding Eurobonds due on Sept 23, with a corresponding notice published on the bank's official website on Aug 6. PrivatBank asked bondholders to give it more time to for the restructuring negotiations by extending the maturity from Sept 23 to Dec 1.

PrivatBank said that prior to 1 Dec 2015, it will seek the consent of the bondholders to "reprofile" the bonds on the following terms:

- The maturity of the bonds to be extended until 23 January 2018; and
- The redemption profile of the bonds to be amended as follows:
  - 30% (USD 60mn) of the principal amount to be redeemed on 23 Sept 2017;
  - 17.5% (USD 35mn) of the principal amount to be redeemed on 23 Oct 2017;
  - 17.5% (USD 35mn) of the principal amount to be redeemed on 23 Nov 2017;
  - 17.5% (USD 35mn) of the principal amount to be redeemed on 23 Dec 2017; and
  - 17.5% (USD 35mn) of the principal amount to be redeemed upon their maturity, on 23 Jan 2018;
- the redemption provisions of the Loan Agreement to be amended so as to allow PrivatBank to make the payments as contemplated above.

It is expected that:

- The interest rate on the bonds shall be increased from 9.375% to 10.25% per annum, with effect from the date when the reprofiling becomes effective; and
- In certain circumstances, at the time when the reprofiling is effected, eligible bondholders who validly vote in favor of the reprofiling may be entitled to receive a consent fee of USD 20.00 for each USD 1,000 in principal amount of the bonds.

### COMMENTARY

PrivatBank has thus far failed to restructure PRIVAT-15s bonds because a major unidentified holder of PRIVAT-16s has been blocking a deal. The bank is now moving to restructure the PRIVAT-15s issue separately from PRIVAT-16s, which in our view provides a higher chance for a successful outcome. The previous restructuring offer for both PRIVAT-15s and PRIVAT-16s was unveiled back on Jun 30. A meeting of PRIVAT-15s bondholders is expected to take place on Aug 13. The expiration for the electronic voting was set at 4.00 p.m. in London this afternoon (Aug 10).

## MinFin Heading to Templeton HQ to Pitch Restructuring Deal

by Ivan Dzvinka  
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### NEWS

Ukraine's Ministry of Finance (MinFin) plans to conduct restructuring negotiations with creditors on Tuesday (Aug 12), Interfax reported on Friday (Aug 7), citing the press service of MinFin. The meeting is set to take place at the suburban San Francisco headquarters of investment house Franklin Templeton, the largest holder of Ukrainian sovereign Eurobonds.

### COMMENTARY

According to MinFin's announcement at the beginning of last week, the meeting was scheduled to take place in London; the change of venue is certainly not by chance. We do not rule out that US government representatives might participate in these negotiations in an effort to increase their probability of success. On Wednesday (Aug 5), a high-ranking US Treasury official raised pressure on Ukraine's creditors to strike a deal to restructure the sovereign debt. Nathan Sheetz, the Treasury's top official for international affairs (quoted by Reuters), urged the Templeton-led creditors "to move swiftly in the coming weeks to reach an agreement with the Ukrainian authorities".

## EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
<b>Agriculture</b>						
Kernel	KER PW	44.3	56.50	28%	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	9.4	15.32	63%	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	34.0	36.1	6%	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	5.4	9.4	76%	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	1.0	1.4	37%	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	80.5	80.8	0%	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	0.77	0.56	-28%	SELL	Non-transparent reporting practices detrimentally affect Azovstal's reported earnings.
<b>Coke</b>						
Avdyivka Coke	AVDK	0.99	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	2649	5250	98%	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	5.5	U/R	--	U/R	Regal has repeatedly missed its production targets since 2012.
JKX Oil & Gas	JKX	16.3	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	19.6	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	7.33	15.00	105%	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	0.086	0.24	179%	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	964.41	1290.29	908.88	-0.1%	-1.2%	-3.4%	-6.7%	0.0%	0.0%	0.0%	0.0%
<b>Steel</b>												
Alchevsk Steel	ALMK	0.013	0.037	0.010	-3.8%	3.2%	-4.5%	-11.7%	-3.6%	4.4%	-1.1%	-5.1%
Azovstal	AZST	0.77	0.95	0.59	-0.1%	-0.4%	-0.4%	3.4%	0.0%	0.8%	3.0%	10.0%
Enakievo Steel	ENMZ	16.30	44.00	14.03	-1.8%	-4.1%	-0.9%	-22.2%	-1.7%	-3.0%	2.5%	-15.5%
<b>Coke</b>												
Avdyivka Coke	AVDK	0.99	3.18	0.86	-2.5%	1.1%	-7.9%	-42.7%	-2.3%	2.3%	-4.5%	-36.0%
Yasnyivsky Coking	YASK	0.36	0.75	0.18	0.0%	50.0%	33.3%	28.6%	0.1%	51.2%	36.7%	35.2%
<b>Iron Ore Mining</b>												
Centralny GOK	CGOK	5.97	n/a	n/a	0.0%	40.5%	-5.2%	-23.4%	0.1%	41.6%	-1.8%	-16.7%
Ferrexpo	FXPO	61.75	139.70	47.91	1.2%	6.9%	9.3%	16.5%	1.4%	8.1%	12.7%	23.2%
Pivnichny GOK	SGOK	6.30	12.30	4.44	0.0%	0.8%	-2.8%	-24.7%	0.1%	2.0%	0.6%	-18.1%
<b>Coal Mining</b>												
Pokrovske Mine	SHCHZ	0.37	n/a	n/a	48.0%	48.0%	76.2%	-21.3%	48.1%	49.2%	79.6%	-14.6%
<b>Pipe Manufacturing</b>												
Khartsyzk Pipe	HRTR	0.23	0.70	0.20	0.0%	15.0%	15.0%	-39.5%	0.1%	16.2%	18.4%	-32.8%
<b>Railcar Manufacturing</b>												
Kryukiv Wagon	KVBZ	9.80	18.40	9.05	0.0%	-1.7%	-4.3%	-23.7%	0.1%	-0.5%	-0.9%	-17.1%
Luhanskeplovoz	LTPL	0.92	1.80	0.51	0.0%	-31.9%	-16.4%	-14.8%	0.1%	-30.7%	-13.0%	-8.1%
<b>Specialized Machinery</b>												
Motor Sich	MSICH	2649	2939	1970	0.3%	0.1%	-2.3%	6.7%	0.4%	1.3%	1.2%	13.4%
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	0.18	0.21	0.10	0.0%	0.2%	9.0%	18.3%	0.1%	1.3%	12.4%	25.0%
<b>Oil &amp; Gas</b>												
Regal Petroleum	RPT	5.52	9.25	3.13	0.0%	10.0%	10.7%	76.6%	0.1%	11.1%	14.1%	83.3%
JKX Oil	JKX	16.25	51.00	11.00	0.0%	0.0%	-27.8%	35.4%	0.1%	1.2%	-24.4%	42.1%
Ukrnafta	UNAF	269.6	375.0	172.5	-0.1%	-5.0%	-4.4%	32.6%	0.0%	-3.8%	-1.0%	39.3%
<b>Power Utilities</b>												
Centrenergo	CEEN	7.33	8.50	6.72	-0.8%	-1.5%	-3.6%	-2.8%	-0.6%	-0.3%	-0.2%	3.8%
Donbasenergo	DOEN	19.55	40.84	19.01	0.3%	-4.0%	-9.1%	-40.8%	0.4%	-2.8%	-5.7%	-34.1%
Zakhidenergo	ZAEN	135.2	199.8	120.8	0.0%	-20.5%	-19.0%	-8.7%	0.1%	-19.3%	-15.6%	-2.0%
<b>Consumer</b>												
Agroton	AGT	1.27	2.32	0.95	-0.8%	3.3%	7.6%	3.3%	-0.6%	4.4%	11.0%	9.9%
Astarta	AST	34.00	39.27	14.50	-1.6%	-4.6%	9.3%	70.0%	-1.4%	-3.4%	12.7%	76.7%
Avangardo	AVGR	1.00	9.43	0.90	0.0%	-4.8%	-8.7%	-51.2%	0.1%	-3.6%	-5.3%	-44.6%
Industrial Milk Company	IMC	5.35	8.80	4.38	0.0%	-0.9%	18.9%	-5.6%	0.1%	0.2%	22.3%	1.0%
Kernel	KER	44.25	44.79	22.00	-1.2%	1.1%	14.1%	55.5%	-1.1%	2.2%	17.5%	62.1%
Mriya Agro Holding	MAYA	n/a	2.40	0.05	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MHPC	MHPC	9.41	13.45	8.24	-2.0%	-5.9%	-8.6%	2.3%	-1.8%	-4.7%	-5.2%	8.9%
Milkiland	MLK	1.19	5.25	1.19	-2.5%	-11.9%	-18.5%	-19.6%	-2.3%	-10.7%	-15.1%	-12.9%
Ovostar Union	OVO	80.50	83.00	67.00	0.0%	-3.0%	2.5%	11.8%	0.1%	-1.9%	6.0%	18.5%
<b>Chemicals</b>												
Stirol	STIR	6.00	12.50	3.00	33.3%	100.0%	-14.2%	-13.4%	33.5%	101.2%	-10.8%	-6.8%
<b>Banks</b>												
Raiffeisen Bank Aval	BAVL	0.086	0.145	0.085	1.3%	0.2%	-4.4%	-10.3%	1.4%	1.4%	-1.0%	-3.6%
UkrSotsbank	USCB	0.085	0.177	0.064	0.0%	-5.6%	2.4%	-34.7%	0.1%	-4.4%	5.8%	-28.0%

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	132	149	132	1	-42	-14	0.1%	-8.0%	-3.9%

Source: Eavex Research

**MAIN TRADING MULTIPLES**

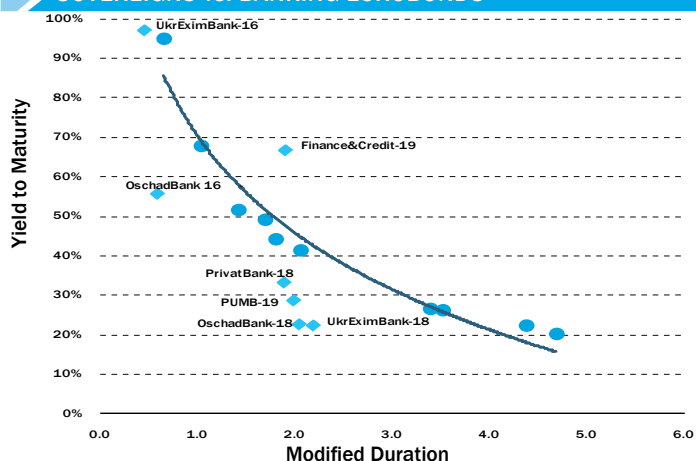
Ticker	MCap USD mn	Free Float % USD mn	EV USD mn	P/E			EV/EBITDA			EV/Sales			EV/Output			Units		
				2013	2014E	2015E	2013	2014E	2015E	2013	2014E	2015E	2013	2014E	2015E			
<b>Steel</b>																		
Alchevsk Steel	ALMK	16	3.9%	1	2,629	neg	neg	neg	neg	neg	neg	1.5	3.8	9.4	680	634	615	\$/tonne
Yenakievo Steel	ENMZ	8	8.8%	1	6	neg	neg	0.3	neg	1.0	0.2	0.0	0.0	0.0	2	2	2	\$/tonne
Azovstal	AZST	153	3.0%	5	147	neg	2.0	2.3	neg	0.8	1.2	0.1	0.1	0.1	32	33	32	\$/tonne
<b>Coke</b>																		
Avdiyivka Coke	AVDK	9	6.8%	1	-30	neg	neg	neg	-0.7	neg	neg	0.0	-0.1	-0.1	-7	-8	-8	\$/tonne
Yasynivsky Coke	YASK	5	9.0%	0	6	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	331	0.3%	1	330	1.7	2.9	4.1	1.1	1.5	2.1	0.5	0.5	0.6				
Pivnichny GOK	SGOK	687	0.4%	3	681	1.3	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	28	2.0%	1	74	6.0	1.3	15.3	2.4	1.7	4.2	0.2	0.4	0.8	118	195	185	\$/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	53	5.0%	3	47	1.3	neg	neg	0.9	neg	neg	0.1	0.4	0.7				
<b>Specialized Machinery</b>																		
Turboatom	TATM	70	5.8%	4	40	1.0	1.3	3.1	0.4	0.5	1.1	0.2	0.2	0.3				
Motor Sich	MSICH	261	24.0%	63	288	1.6	2.0	2.8	0.8	0.8	1.3	0.3	0.3	0.5				
<b>Telecom</b>																		
Ukrtelecom	UTLM	159	7.2%	11	250	neg	8.8	17.5	neg	2.9	3.5	0.3	0.6	1.0				
<b>Oil &amp; Gas</b>																		
Ukrnafta	UNAF	692	3.0%	21	685	29.7	6.6	2.7	2.4	1.8	1.3	0.3	0.3	0.5	n/a	n/a	n/a	\$/boe
Regal Petroleum	RPT	28	21.6%	6	2	neg	13.8	9.2	neg	0.2	0.2	0.1	0.1	0.1	n/a	n/a	n/a	\$/boe
JKX Oil & Gas	JKX	43	50.4%	22	152	6.7	neg	8.7	2.3	2.2	2.2	0.8	1.0	1.0	28	21	20	\$/boe
<b>Electric Utilities</b>																		
CentrEnergO	CEEN	128	21.7%	28	145	2.1	21.8	neg	1.5	5.6	neg	0.2	0.2	0.4	8	10	9	\$/MWh
DonbasEnergO	DOEN	22	14.2%	3	49	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	994	34.1%	339	2,094	6.1	neg	>30	5.4	3.8	4.0	1.4	1.5	1.8				
Kernel	KER	947	61.8%	585	1,423	9.0	neg	9.5	4.9	6.4	3.4	0.5	0.6	0.6				
Astarta	AST	228	37.0%	84	439	6.7	neg	neg	4.8	3.1	4.5	0.9	1.0	1.3				
Avangardco	AVGR	64	22.5%	14	290	0.3	neg	neg	1.0	2.2	3.1	0.4	0.7	0.8	66	50	47	\$/mneqgs
Ovostar	OVO	130	25.0%	32	138	4.2	5.0	5.3	3.9	4.7	5.5	1.7	1.8	1.7	n/a	n/a	n/a	
<b>Banks</b>																		
						P/E			P/Book			P/Assets						
Raiffeisen Bank Aval	BAVL	122	3.5%	4		1.4	neg	neg	0.1	0.3	0.4	0.02	0.04	0.06				
Ukrsotsbank	USCB	74	1.0%	1		>30	>30	>30	0.1	0.1	0.2	0.02	0.03	0.04				

Source: Eavex Research

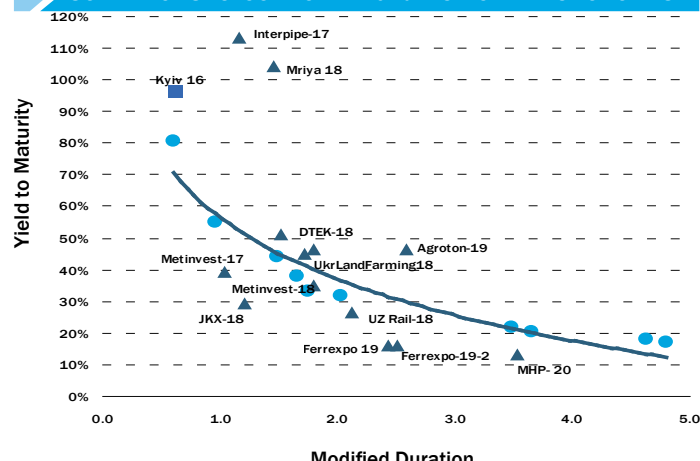
## UKRAINIAN EUROBONDS

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)	59.5	61.0	376.7%	354.7%	-11.4%	0.1	4.95%	A	13 Oct 2015	600*	Ca/CC/CC
Ukraine, 2015	59.2	61.3	605.2%	555.8%	-14.4%	0.1	6.875%	S/A	23 Sept 2015	500	Ca/CC/CC
Ukraine, 2016	55.4	56.8	62.2%	59.5%	-10.5%	0.9	6.58%	S/A	21 Nov 2016	1,000	Ca/CC/CC
Ukraine, 2016-2	55.3	56.9	93.4%	88.4%	-13.4%	0.6	6.25%	S/A	17 Jun 2016	1,250	Ca/CC/CC
Ukraine, 2017	55.9	57.0	37.3%	36.2%	-10.7%	1.7	6.75%	S/A	14 Nov 2017	700	Ca/CC/CC
Ukraine, 2017-2	56.0	57.0	45.6%	44.4%	-9.2%	1.4	9.25%	S/A	24 Jul 2017	2,000	Ca/CC/CC
Ukraine, 2017 Infr. projects	54.0	55.5	42.1%	40.5%	-11.0%	1.6	8.375%	S/A	3 Nov 2017	568	Ca//
Ukraine, 2018 Infr. projects	53.8	55.3	35.4%	34.0%	-9.2%	2.0	7.40%	S/A	20 Apr 2018	690	Ca//
Ukraine, 2020	54.5	56.0	23.5%	22.7%	-7.3%	3.4	7.75%	S/A	23 Sept 2020	1,500	Ca/CC/CC
Ukraine, 2021	56.3	57.5	22.0%	21.4%	-4.2%	3.6	7.95%	S/A	23 Feb 2021	1,500	Ca/CC/CC
Ukraine, 2022	56.0	57.0	19.3%	18.9%	-6.1%	4.5	7.80%	S/A	28 Nov 2022	1,250	Ca/CC/CC
Ukraine, 2023	56.0	57.3	18.5%	18.0%	-4.5%	4.7	7.50%	S/A	17 Apr 2023	1,250	Ca/CC/CC
<b>Corporate Eurobonds</b>											
Agroton, 2019	28.1	32.3	49.3%	43.9%	-10.7%	2.6	8.00%	S/A	14 Jul 2019	50	//RD
MHP, 2020	82.3	83.7	13.5%	13.0%	20.3%	3.5	8.25%	S/A	2 Apr 2020	750	/CCC-/CCC
Avangardco, 2015	47.5	47.5	444.5%	444.5%	-26.4%	0.1	10.00%	S/A	29 Oct 2015	200	//WD
UkrLandFarming, 2018	48.5	51.5	46.9%	43.6%	-3.8%	1.7	10.88%	S/A	26 Mar 2018	500	/CC/WD
Mriya, 2016	16.0	18.0	680.7%	602.8%	30.8%	0.2	10.95%	S/A	30 Mar 2016	72	/SD/RD
Mriya, 2018	16.0	18.0	109.7%	101.3%	30.8%	1.4	9.45%	S/A	19 Apr 2018	400	/SD/RD
DTEK, 2018	43.0	45.0	52.9%	50.3%	n/a	1.5	10.375%	S/A	28 Mar 2018	160	Ca//C
DTEK, 2018	43.0	45.0	48.1%	45.7%	-3.3%	1.8	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	57.0	60.0	41.1%	38.1%	-16.4%	1.0	10.50%	S/A	28 Nov 2017	290	Caa3//C
Metinvest, 2018	57.5	59.5	35.8%	34.0%	5.3%	1.8	8.75%	S/A	14 Feb 2018	750	Caa3//C
Ferrexpo, 2019	84.3	86.0	16.2%	15.6%	n/a	2.5	10.375%	S/A	07 Apr 2019	186	Caa3//C
Ferrexpo, 2019	84.3	86.1	16.2%	15.5%	n/a	2.4	10.375%	S/A	07 Apr 2019	161	Caa3//C
RailUA, 2018	67.0	70.5	27.1%	24.8%	29.7%	2.1	9.50%	S/A	21 May 2018	500	/CC/C
Interpipe, 2017	20.0	30.0	134.2%	95.6%	-54.5%	1.1	10.25%	S/A	2 Aug 2017	200	//
JKX Oil&Gas, 2018	69.8	72.6	30.7%	28.7%	22.2%	1.2	8.00%	S/A	19 Feb 2018	40	
<b>Bank Eurobonds</b>											
Fin&Credit Bank, 2019	23.0	30.0	72.5%	58.6%	-68.1%	2.0	9.25%	S/A	25 Jan 2019	100	//
PUMB, 2018	55.0	58.0	33.8%	31.6%	-16.3%	1.7	11.00%	Q	31 Dec 2018	275	WR//NR
Nadra Bank, 2018	7.0	12.0	n/a	n/a	-24.0%	0.3	6.25%	A	31 Jul 2018	60	//
PrivatBank, 2015	68.0	70.0	396.2%	362.1%	10.4%	0.1	9.38%	S/A	23 Sept 2015	200	Cau//CC
PrivatBank, 2016	59.0	61.0	154.1%	142.4%	21.2%	0.3	8.75%	S/A	9 Feb 2016	150	Cau//CC
PrivatBank, 2018	66.0	69.0	31.2%	28.9%	1.4%	1.8	10.88%	S/A	28 Feb 2018	175	Cau//CC
UkrEximBank, 2015	82.0	85.0	n/a	n/a	7.7%	n/a	8.38%	S/A	27 Jul 2015	750	WR//C
UkrEximBank, 2016	60.0	65.0	133.8%	109.5%	31.6%	n/a	5.79%	S/A	2 Sept 2016	125	Ca//C
UkrEximBank, 2018	78.0	80.0	20.6%	19.4%	39.8%	2.0	8.75%	S/A	22 Jan 2018	600	Ca//C
VAB Bank, 2019	2.0	6.0	n/a	n/a	-38.5%	n/a	9.00%	Q	14 Jun 2019	88	//WD
Oschadbank, 2016	82.0	84.0	47.0%	42.0%	41.9%	0.5	8.25%	S/A	10 Mar 2016	700	Ca//CC
Oschadbank, 2018	80.6	82.7	18.6%	17.4%	44.6%	2.1	8.88%	S/A	20 Mar 2018	500	Ca//CC
<b>Municipal Eurobonds</b>											
City of Kyiv, 2015	53.3	54.9	372.4%	349.7%	-25.5%	0.1	8.00%	S/A	6 Nov 2015	250	Ca/CC/CC
City of Kyiv, 2016	52.8	55.3	98.7%	91.1%	-23.6%	0.6	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>									
UA4000082531			25%	22%	n/a	5.50%	S/A	21 Aug 2015	n/a
UA4000082622			25%	22%	n/a	5.50%	S/A	24 Aug 2015	n/a
UA4000083059			25%	22%	n/a	5.50%	S/A	25 Aug 2015	n/a
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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