

Market Update

Equity

Kyiv-listed stocks finished higher on Monday (Aug 10) after getting a boost from the announcement of a possible M&A deal in the banking sector. UniCredit said it has started three months of exclusive talks with investment group ABH Holdings (part of Russia's Alfa Group) on the potential sale of the Italian bank's Ukraine business in exchange for a minority stake in ABH. The UX index rose by 0.5% to close at 969 points. Raiffeisen Aval (BAVL) advanced by 2.0% to 8.70 kopecks. In the steel sector, Yenakievo Steel (ENMZ) added 2.3% to UAH 16.38 and Azovstal (AZST) increased by 0.5%. Low-liquidity UkrSotsBank (USCB), which is the UniCredit subsidiary, surged by 18% to 10 kopecks on small turnover, as the stock's free-float is less than 1%. In London trading, Ferrexpo (FXPO) climbed 1.6% to GBP 62.75, while MHP (MHPC) slipped 0.6% to USD 9.35. Warsaw-listed Ukrainian stocks were mixed, with Astarta (AST) edging up 0.8% to PLN 34.30 while Agroton (AGT) retreated by 2.4% to PLN 1.24 per share.

Fixed Income

Ukrainian long-term sovereigns were nearly flat on Monday, with Ukraine-23s inching down by 0.1p.p. to 55.9/57.1 (18.4%/18.0%). In corporate names, DTEK-15s jumped by 5.5p.p. to 47.0/52.0 (47.9%/42.3%) while Ferrexpo-19s were essentially unchanged at 84.1/86.2 (16.3%/15.5%).

Volume Leaders	Ticker	Last, UAH	1D ch	Volume, UAH mn	Number of Trades
Azovstal	AZST	0.77	0.5%	0.34	17
Raiffeisen Bank Aval	BAVL	0.09	2.0%	0.21	29
Yenakievo Steel	ENMZ	16.82	2.3%	0.21	11

Growth Leaders

UkrSotsbank	USCB	0.10	17.7%	0.030	13
Dniπροenergo	DNEN	410.30	2.6%	0.043	14
Yenakievo Steel	ENMZ	16.82	2.3%	0.206	11

Loss Leaders

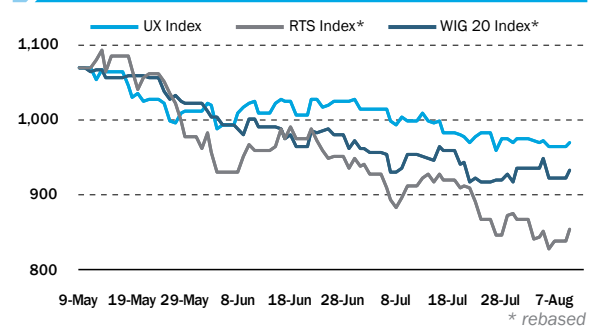
Motor Sich	MSICH	2,642.00	-0.3%	0.145	16
Centrenergo	CEEN	7.32	-0.1%	0.088	51
Azovstal	AZST	0.77	0.5%	0.342	17

Highlights

POLITICS AND ECONOMICS

- > New Hotspot Emerges on Donbass Frontline at Starohnativka
- > Gov't Issues 2016 GDP Forecast Range from -0.3% to +2.0%

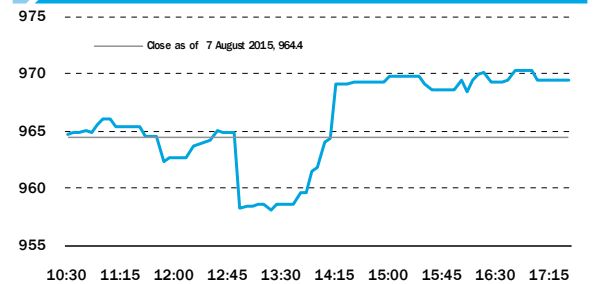
STOCK MARKET PERFORMANCE



MARKET INDEXES

	Last	1D ch	1M ch	YTD
UX	969.4	0.5%	-2.9%	-6.2%
RTS	848.1	1.9%	-6.3%	7.3%
WIG20	2222.3	1.2%	-2.1%	-4.0%
MSCI EM	887.7	0.3%	-4.8%	-7.2%
S&P 500	2104.2	1.3%	1.3%	2.2%

UX INTRADAY AUGUST 10, 2015



FIXED INCOME

	Last	1D ch	1M ch	YTD
EMBI+Global	415.2	-1.1%	8.2%	2.7%
CDS 5Y UKR	2150.0	0.0%	-15.7%	-2.3%
Ukraine-17	36.7%	0.0 p.p.	-0.3 p.p.	11.0 p.p.
MHP-20	13.3%	0.0 p.p.	-0.6 p.p.	-4.2 p.p.
Ukraine-23	18.2%	0.1 p.p.	-0.5 p.p.	10.7 p.p.
Privatbank-18	30.0%	0.0 p.p.	0.1 p.p.	-2.6 p.p.

CURRENCY

	Last, UAH	1D ch	1M ch	YTD
USD	21.45	1.5%	-2.3%	35.6%
EUR	23.64	2.0%	-3.5%	23.5%
RUB	0.34	3.2%	-12.6%	24.0%

COMMODITIES

	Last	1D ch	1M ch	YTD
Wheat, USD/t*	191.2	0.0%	-10.7%	-22.3%
Steel, USD/t	347.5	0.0%	-0.7%	-22.8%
Oil, USD/bbl	50.4	3.7%	-14.6%	-14.8%
Gold, USD/oz	1104.5	1.0%	-5.1%	-6.8%

*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

New Hotspot Emerges on Donbass Frontline at Starohnativka

by Will Ritter
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NEWS

Ukraine's Defense Minister Stepan Poltorak said on Monday (Aug 10) that government forces fought off an attack by pro-Russian separatists at the villages of Starohnativka and Novolaspa, which are located along the Minsk ceasefire line about halfway between the cities of Donetsk and Mariupol. Separatist military commander Eduard Basurin denied that Donetsk separatist forces had attacked government troops and accused Ukraine of doing the shelling, Reuters said, citing the separatist-based press service DAN. The latest escalation follows a Sunday morning incident in which 4 vehicles belonging to the OSCE conflict monitoring mission were destroyed by fire while parked at a hotel in separatist-controlled Donetsk. A top DNR official, Dennis Pushilin, denied separatist responsibility for the vehicles' destruction.

COMMENTARY

Monday's fighting was the heaviest along the ceasefire line since early June, when there were battles on the western outskirts of Donetsk just before a major G7 meeting at which the Western powers declined to soften the sanctions regime against Russia for its military support of the separatists. As in that case, we suspect that the latest upsurge in fighting is being engineered from Moscow as attempt to goad President Poroshenko into violating the Minsk agreements, which are already rather unpopular in Ukrainian patriotic circles for tying Kyiv's hands in recovering any lost territory. We think that a major new escalation by the separatist side is unlikely as this could fuel new damaging measures against Moscow from the West; on the other hand, the West is obviously unwilling to levy any new sanctions on Russia for the separatists' ongoing low-level ceasefire violations. We repeat our view that the political aspects of the Minsk agreements are unlikely to be implemented on schedule by the end of 2015, since for the West, Minsk is not a political deal at all but merely a means of containing the military aspect of the conflict. Indeed, unsanctioned separatist elections have already been scheduled for Oct 18 and Nov 1, and it appears that there is nothing Poroshenko can do to prevent them from taking place. What Kyiv can do, however, is cut off all remaining funding to the separatist republics in retaliation for their refusal to observe the Minsk deal, and this is a measure that would probably receive the backing of the Western allies.

**Gov't Issues 2016 GDP Forecast
Range from -0.3% to +2.0%**

by Dmitry Churin
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NEWS

Ukraine's gross domestic product (GDP) in 2016 according will increase by 2.0% YoY with inflation (December to December) at 12% YoY, according to the optimistic scenario of the macroeconomic forecast approved by the government, Interfax reported on Monday (Aug 10). The forecast includes a pessimistic scenario as well, according to which GDP will decline by 0.3% YoY in 2016 with inflation at 14.7% YoY.

Under the optimistic scenario, it is assumed that in 2017 economic growth will accelerate to 3.5% while inflation will slow down to 8.1% YoY, and in the next two years growth will be at 4.0% YoY with inflation at 5.5% YoY.

The pessimistic scenario assumes that in 2017, GDP will grow by 1.0% YoY with inflation being 10.3% YoY, while in 2018-2019 its growth will reach 3.0% YoY with inflation standing at 7.0% YoY.

COMMENTARY

Unfortunately, it is obvious that the government's forecast for the next two years reflects only a base-case scenario for the purposes of preparation of the 2016 national budget. In reality, the fate of Ukraine's economy is largely dependent on resolving, or at least restraining, the ongoing conflict with Russia. If the situation in the Donbass war zone quiets down and Ukraine is able to resume industrial cooperation with Russia, then the economy in Eastern Ukraine will get a sizable boost. On the other hand, there is still a downside risk that the relationship between the two countries could deteriorate further, leading to more damage to the Ukrainian economy and relegating the government's rather optimistic forecast to the rubbish bin. Nevertheless, following the significant economic contraction in Ukraine in 1Q15, there are signs that economic stability is gradually taking hold. The foreign exchange market has remained broadly stable in the last few months. The NBU official reserves, although still very low, have increased from USD 5.6bn in February to USD 10.4bn in July. Importantly, some substantial reforms have begun in the energy sector as well as in the banking system. The IMF's latest GDP forecast for 2015 foresees a 9.0% YoY contraction following 2014's 6.8% YoY drop. Consumer inflation in the country is forecasted at 46% YoY in 2015, due largely to the one-off effects of the large exchange rate depreciation in 4Q14-1Q15.

EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
Agriculture						
Kernel	KER PW	44.4	56.5	27%	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	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	34.3	36.1	5%	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	1.0	1.4	31%	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	80.5	80.8	0%	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				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.
Iron Ore						
Ferrexpo	FXPO LN				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.
Steel		0.77	0.56	-28%		
Azovstal	AZST				SELL	Non-transparent reporting practices detrimentally affect Azovstal's reported earnings.
Coke		1.02	U/R	--		
Avdyivka Coke	AVDK				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.
Specialized Machinery						
Motor Sich	MSICH				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%.
Oil & Gas						
Concern Galnaftogaz	GLNG	4.5	U/R	--	BUY	Galnaftogaz is pursuing a plan to aggressively expand its filling station network.
Regal Petroleum	RPT	16.0	U/R	--	U/R	Regal has repeatedly missed its production targets since 2012.
JKX Oil & Gas	JKX				U/R	The launch of extraction at JKX's Russian gas field has lifted output, but the company's higher-margin Ukrainian operations continue to lag behind expectations.
Power Utilities						
DonbasEnergO	DOEN	7.32	15.00	105%	U/R	The Donetsk separatist government has nationalized DonbasEnergO's Starobeshevo power plant, which previously accounted for about 70% of the company's installed power-generating capacity.
CenterEnergO	CEEN				BUY	CentrEnergO's privatization has been postponed, but the company retains a strong fundamental value due to its large installed electricity generation capacity.
Banks						
Raiffeisen Bank Aval	BAVL	0.101	0.24	138%	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	969.44	1290.29	908.88	0.5%	-0.4%	-2.9%	-6.2%	0.0%	0.0%	0.0%	0.0%
Steel												
Alchevsk Steel	ALMK	0.013	0.037	0.010	2.3%	4.0%	2.3%	-9.7%	1.8%	4.3%	5.3%	-3.5%
Azovstal	AZST	0.77	0.95	0.59	0.5%	-1.0%	0.4%	3.9%	0.0%	-0.7%	3.3%	10.1%
Enakievo Steel	ENMZ	16.82	44.00	14.03	3.2%	-1.1%	1.5%	-19.7%	2.7%	-0.7%	4.4%	-13.5%
Coke												
Avdyivka Coke	AVDK	1.02	3.18	0.86	3.0%	4.2%	-8.0%	-41.0%	2.5%	4.5%	-5.1%	-34.8%
Yasnyivsky Coking	YASK	0.36	0.75	0.18	0.0%	50.0%	50.0%	28.6%	-0.5%	50.4%	52.9%	34.8%
Iron Ore Mining												
Centralny GOK	CGOK	5.97	n/a	n/a	0.0%	40.5%	-14.2%	-23.4%	-0.5%	40.8%	-11.3%	-17.2%
Ferrexpo	FXPO	62.75	139.70	47.91	1.6%	10.1%	6.8%	18.4%	1.1%	10.4%	9.7%	24.6%
Pivnichny GOK	SGOK	6.30	12.30	4.44	0.0%	0.8%	-8.0%	-24.7%	-0.5%	1.2%	-5.1%	-18.6%
Coal Mining												
Pokrovske Mine	SHCHZ	0.37	n/a	n/a	0.0%	48.0%	42.3%	-21.3%	-0.5%	48.4%	45.2%	-15.1%
Pipe Manufacturing												
Khartsyzk Pipe	HRTR	0.23	0.70	0.20	0.0%	15.0%	15.0%	-39.5%	-0.5%	15.4%	17.9%	-33.3%
Railcar Manufacturing												
Kryukiv Wagon	KVBZ	9.80	18.40	9.05	0.0%	-0.8%	4.8%	-23.7%	-0.5%	-0.4%	7.7%	-17.6%
Luhanskeplovoz	LTPL	0.92	1.80	0.51	0.0%	0.0%	-16.4%	-14.8%	-0.5%	0.4%	-13.5%	-8.6%
Specialized Machinery												
Motor Sich	MSICH	2642	2939	1970	-0.3%	0.8%	-3.3%	6.4%	-0.8%	1.2%	-0.4%	12.6%
Turboatom	TATM	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Telecom												
Ukrtelecom	UTLM	0.18	0.21	0.10	0.0%	0.2%	28.4%	18.3%	-0.5%	0.5%	31.3%	24.5%
Oil & Gas												
Regal Petroleum	RPT	4.53	9.25	3.13	-18.0%	-30.4%	-17.5%	44.8%	-18.5%	-30.0%	-14.6%	51.0%
JKX Oil	JKX	16.00	51.00	11.00	-1.5%	-1.5%	-13.5%	33.3%	-2.1%	-1.2%	-10.6%	39.5%
Ukrnafta	UNAF	270.0	375.0	172.5	0.1%	-5.1%	-5.5%	32.8%	-0.4%	-4.7%	-2.6%	39.0%
Power Utilities												
Centrenergo	CEEN	7.32	8.50	6.72	-0.1%	-1.5%	-5.5%	-3.0%	-0.7%	-1.1%	-2.6%	3.2%
Donbasenergo	DOEN	19.76	40.84	19.00	1.1%	0.8%	-6.4%	-40.1%	0.6%	1.2%	-3.4%	-33.9%
Zakhidenergo	ZAEN	135.2	199.8	120.8	0.0%	-20.5%	-19.0%	-8.7%	-0.5%	-20.1%	-16.1%	-2.5%
Consumer												
Agroton	AGT	1.24	2.32	0.95	-2.4%	0.8%	8.8%	0.8%	-2.9%	1.2%	11.7%	7.0%
Astarta	AST	34.26	39.27	14.50	0.8%	-2.1%	13.3%	71.3%	0.2%	-1.7%	16.2%	77.5%
Avangardo	AVGR	1.05	9.43	0.90	4.5%	-2.3%	3.5%	-49.0%	4.0%	-2.0%	6.4%	-42.8%
Industrial Milk Company	IMC	5.34	8.80	4.38	-0.2%	-1.1%	13.1%	-5.8%	-0.7%	-0.8%	16.0%	0.4%
Kernel	KER	44.40	44.79	22.00	0.3%	1.7%	15.3%	56.0%	-0.2%	2.0%	18.2%	62.2%
Mriya Agro Holding	MAYA	n/a	2.38	0.05	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MHPC	MHPC	9.35	13.45	8.24	-0.6%	-7.0%	-5.6%	1.6%	-1.2%	-6.6%	-2.6%	7.8%
Milkiland	MLK	1.18	5.25	1.18	-0.8%	-8.5%	-21.9%	-20.3%	-1.4%	-8.2%	-18.9%	-14.1%
Ovostar Union	OVO	80.50	83.00	67.00	0.0%	-0.1%	1.9%	11.8%	-0.5%	0.2%	4.8%	18.0%
Chemicals												
Stirol	STIR	6.00	12.50	3.00	0.0%	100.0%	-14.2%	-13.4%	-0.5%	100.4%	-11.3%	-7.2%
Banks												
Raiffeisen Bank Aval	BAVL	0.088	0.145	0.085	1.6%	2.9%	-3.5%	-8.9%	1.1%	3.3%	-0.6%	-2.7%
UkrSotsbank	USCB	0.100	0.177	0.064	17.6%	11.1%	15.6%	-23.2%	17.1%	11.5%	18.5%	-17.0%

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
Steel																
Alchevsk Steel	ALMK	1729	700	280	-62	-83	-100	neg.	neg.	neg.	-214	-1,683	-190	neg.	neg.	neg.
Enakievo Steel	ENMZ	1507	906	539	-7	6	31	neg.	0.6%	5.7%	-61	-33	24	neg.	neg.	4.4%
Azovstal	AZST	2562	1885	1602	-81	183	126	neg.	9.7%	7.8%	-308	77	66	neg.	4.1%	4.1%
Coke																
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.
Iron Ore Mining																
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	1630	1467	1320	914	649	463	56.1%	44.2%	35.1%	548	324	226	33.7%	22.1%	17.2%
Ferrexpo	FXPO	1581	1,388	1,059	506	496	256	32.0%	35.8%	24.2%	264	184	98	16.7%	13.2%	9.2%
Pipe Manufacturing																
Khartsyzk Pipe	HRTR	388	452	476	71	125	152	18.4%	27.6%	31.9%	-10	15	26	neg.	3.4%	5.4%
Railcar Manufacturing																
Luhanskeplovov	LTPL	310	193	92	31	43	18	10.1%	22.6%	19.3%	5	23	2	1.5%	11.7%	2.0%
Kryukiv Wagon	KVBZ															
Specialized Machinery		329	127	n/a	36	-2	n/a	10.8%	neg.	n/a	19	-16	n/a	5.9%	neg.	n/a
Turboatom	TATM	462	133	67	50	-6	-4	10.9%	neg.	neg.	42	-23	-9	9.0%	neg.	neg.
Motor Sich	MSICH															
Telecom		214	164	114	90	73	36	42.1%	44.6%	32.0%	72	53	23	33.5%	32.4%	20.0%
Ukrtelecom	UTLM	1,053	879	636	384	342	218	36.5%	38.9%	34.3%	162	129	92	15.4%	14.7%	14.5%
Oil & Gas																
Ukrnafta	UNAF	2589	2324	1336	286	380	521	11.1%	16.4%	39.0%	23	105	253	0.9%	4.5%	19.0%
Regal Petroleum	RPT	181	146	150	66	69	70	36.7%	46.9%	46.7%	7	-80	5	3.6%	neg.	3.3%
JKX Oil	JKX															
Electric Utilities		915	630	323	94	26	-12	10.3%	4.1%	neg.	60	6	-28	6.5%	0.9%	neg.
Centrenergo	CEEN	656	458	196	72	20	-19	11.0%	4.4%	neg.	65	8	-17	9.9%	1.8%	neg.
Donbasenergo	DOEN															
Consumer		1496	1,379	1,134	391	555	520	26.1%	40.2%	45.9%	162	-412	31	10.8%	neg.	2.7%
MHP	MHPC	2797	2,393	2,325	291	223	415	10.4%	9.3%	17.8%	105	-107	100	3.8%	neg.	4.3%
Kernel	KER	491	422	347	91	143	98	18.5%	34.0%	28.2%	34	-82	-12	6.9%	neg.	neg.
Astarta	AST	661	420	361	301	129	94	45.6%	30.9%	26.1%	238	-27	-13	36.0%	neg.	neg.
Avangardco	AVGR	81	75	79	36	29	25	43.7%	38.9%	31.6%	31	26	24	38.0%	34.5%	30.7%
Ovostar	OVO															
Banks		5333	Total Assets	2166	888	Total Equity	295	723	Total Income	217	90	Net Profit	-115	10	Return on Equity	39.1%
Raiffeisen Bank Aval	BAVL	5283	2730	2095	1,064	518	362	145	163	145	1	-42	-14	0.1%	-8.0%	-3.9%
Ukrsotsbank	USCB	5,283	2,730	2,588	1,064	518	447	197	222	197	1	-32	-18	0.1%	-6.1%	-3.9%

Source: Eavex Research

MAIN TRADING MULTIPLES

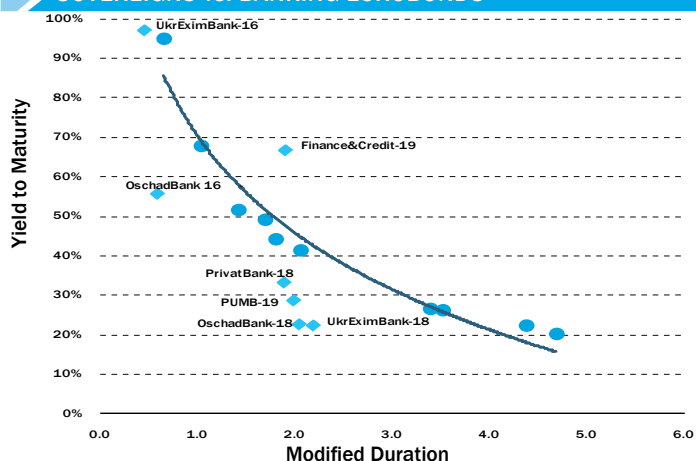
Ticker	MCap USD mn	Free Float % USD mn	EV USD mn	P/E			EV/EBITDA			EV/Sales			EV/Output			Units		
				2013	2014E	2015E	2013	2014E	2015E	2013	2014E	2015E	2013	2014E	2015E			
Steel																		
Alchevsk Steel	ALMK	16	3.9%	1	2,629	neg.	neg.	neg.	neg.	neg.	neg.	1.5	3.8	9.4	680	634	615	\$/tonne
Yenakievo Steel	ENMZ	8	8.8%	1	6	neg.	neg.	0.3	neg.	1.1	0.2	0.0	0.0	0.0	2	2	2	\$/tonne
Azovstal	AZST	152	3.0%	4	145	neg.	2.0	2.3	neg.	0.8	1.2	0.1	0.1	0.1	32	32	32	\$/tonne
Coke																		
Avdivka Coke	AVDK	9	6.8%	1	-30	neg.	neg.	neg.	-0.6	neg.	neg.	0.0	-0.1	-0.1	-9	-6	-5	\$/tonne
Yasynivsky Coke	YASK	5	9.0%	0	5	neg.	neg.	neg.	0.2	neg.	neg.	0.0	0.0	0.0	0.2	neg	neg	\$/tonne
Iron Ore Mining																		
Centralny GOK	CGOK	326	0.3%	1	325	1.7	2.8	4.1	1.0	1.5	2.0	0.5	0.5	0.6				
Pivnichny GOK	SGOK	677	0.4%	3	670	1.2	2.1	3.0	0.7	1.0	1.4	0.4	0.5	0.5				
Ferrexpo	FXPO	554	24.0%	133	1,249	2.1	3.0	5.7	2.5	2.5	4.9	0.8	0.9	1.2				
Pipe Manufacturing																		
Khartsyzk Pipe	HRTR	15	2.0%	0	43	neg.	1.0	0.6	0.6	0.3	0.3	0.1	0.1	0.1	0.6	0.3	0.3	\$/tonne
Railcar Manufacturing																		
LuganskTeplovoz	LTPL	28	2.0%	1	74	5.9	1.2	15.1	2.4	1.7	4.1	0.2	0.4	0.8	117	193	184	\$/tonne
Krukiv Wagon	KVBZ																	
Specialized Machinery																		
		9	24.0%	2	47	0.5	neg.	н/д	1.3	neg.	н/д	0.1	0.4	н/д				
Turboatom	TATM	52	5.0%	3	46	1.3	neg.	neg.	0.9	neg.	neg.	0.1	0.3	0.7				
Motor Sich	MSICH																	
Telecom																		
		69	5.8%	н/д	н/д	1.0	1.3	3.0	н/д	н/д	н/д	н/д	н/д	н/д				
Ukrtelecom	UTLM	256	24.0%	61	284	1.6	2.0	2.8	0.7	0.8	1.3	0.3	0.3	0.4				
Oil & Gas																		
Ukrnafta	UNAF	683	3.0%	20	675	29.3	6.5	2.7	2.4	1.8	1.3	0.3	0.3	0.5	н/д	н/д	н/д	\$/boe
Regal Petroleum	RPT	41	50.4%	21	150	6.4	neg.	8.3	2.3	2.2	2.1	0.8	1.0	1.0	27	21	н/д	\$/boe
JKX Oil & Gas	JKX																	
Electric Utilities																		
		126	21.7%	27	142	2.1	21.4	neg.	1.5	5.5	neg.	0.2	0.2	0.4	8	10	9	\$/MWh
CentrEnerg	CEEN	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
DonbasEnerg	DOEN																	
Consumer																		
		988	34.1%	337	2,088	6.1	neg.	>30	5.3	3.8	4.0	1.4	1.5	1.8	н/д	н/д	н/д	\$/tonne
MHP	MHPC	959	61.8%	593	1,435	9.1	neg.	9.6	4.9	6.4	3.5	0.5	0.6	0.6				
Kernel	KER	232	37.0%	86	443	6.8	neg.	neg.	4.9	3.1	4.5	0.9	1.0	1.3	2246	1367	1136	\$/tonne
Astarta	AST	67	22.5%	15	293	0.3	neg.	neg.	1.0	2.3	3.1	0.4	0.7	0.8	66	50	47	\$/mneg.
Avangardco	AVGR	131	25.0%	33	139	4.2	5.1	5.4	3.9	4.8	5.6	1.7	1.9	1.8				
Ovostar	OVO																	
Banks																		
		122	3.5%	4		1.4	P/E	neg.	0.1	P/Book	0.4	0.02	P/Assets	0.06				
Raiffeisen Bank Aval	BAVL	86	1.0%	1		>30	neg.	neg.	0.1	0.2	0.2	0.02	0.03	0.04				
Ukrsotsbank	USCB	151	1.0%	2		>30	>30	>30	0.2	0.3	0.3	0.04	0.07	0.08				

Source: Eavex Research

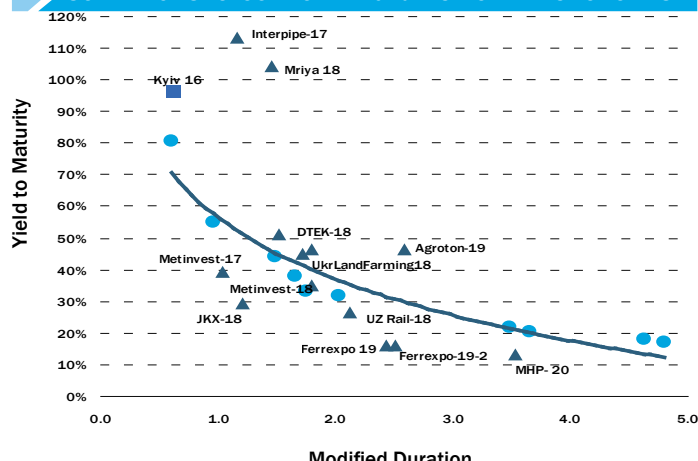
UKRAINIAN EUROBONDS

Issue	Price (Bid)	Price (Ask)	YTM (Bid)	YTM (Ask)	Price chg. (YTD)	Modified Duration	Coupon	Coupon Period	Maturity Date	Volume USD mn	Ratings ¹
Sovereign Eurobonds											
Ukraine, 2015 (EUR)	59.5	61.0	382.6%	360.2%	-11.4%	0.1	4.95%	A	13 Oct 2015	600*	Ca/CC/CC
Ukraine, 2015	59.0	61.3	625.4%	569.4%	-14.5%	0.1	6.875%	S/A	23 Sept 2015	500	Ca/CC/CC
Ukraine, 2016	55.6	57.0	61.8%	59.2%	-10.1%	0.9	6.58%	S/A	21 Nov 2016	1,000	Ca/CC/CC
Ukraine, 2016-2	55.6	57.2	92.7%	88.0%	-13.0%	0.6	6.25%	S/A	17 Jun 2016	1,250	Ca/CC/CC
Ukraine, 2017	55.8	57.3	37.4%	35.9%	-10.6%	1.7	6.75%	S/A	14 Nov 2017	700	Ca/CC/CC
Ukraine, 2017-2	55.6	56.6	46.1%	44.9%	-9.8%	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%	34.1%	-9.2%	2.0	7.40%	S/A	20 Apr 2018	690	Ca//
Ukraine, 2020	54.8	56.3	23.3%	22.6%	-6.9%	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	55.9	57.1	19.3%	18.8%	-6.1%	4.5	7.80%	S/A	28 Nov 2022	1,250	Ca/CC/CC
Ukraine, 2023	55.9	57.1	18.4%	18.0%	-4.8%	4.7	7.50%	S/A	17 Apr 2023	1,250	Ca/CC/CC
Corporate Eurobonds											
Agroton, 2019	5.4	27.9	153.5%	49.8%	-50.8%	2.5	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	686.4%	607.7%	30.8%	0.2	10.95%	S/A	30 Mar 2016	72	/SD/RD
Mriya, 2018	16.0	18.0	109.9%	101.5%	30.8%	1.4	9.45%	S/A	19 Apr 2018	400	/SD/RD
DTEK, 2018	47.0	52.0	47.9%	42.3%	n/a	1.6	10.375%	S/A	28 Mar 2018	160	Ca//C
DTEK, 2018	43.0	48.0	48.2%	42.4%	0.0%	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	59.3	35.9%	34.3%	5.1%	1.8	8.75%	S/A	14 Feb 2018	750	Caa3//C
Ferrexpo, 2019	84.5	85.8	16.2%	15.6%	n/a	2.5	10.375%	S/A	07 Apr 2019	186	Caa3//C
Ferrexpo, 2019	84.1	86.2	16.3%	15.5%	n/a	2.4	10.375%	S/A	07 Apr 2019	161	Caa3//C
RailUA, 2018	67.0	69.0	27.1%	25.8%	28.2%	2.1	9.50%	S/A	21 May 2018	500	/CC/C
Interpipe, 2017	20.0	30.0	134.4%	95.8%	-54.5%	1.1	10.25%	S/A	2 Aug 2017	200	//
JKX Oil&Gas, 2018	70.2	73.3	30.4%	28.3%	23.2%	1.2	8.00%	S/A	19 Feb 2018	40	
Bank Eurobonds											
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%	31.7%	-16.3%	1.7	11.00%	Q	31 Dec 2018	275	WR//NR
Nadra Bank, 2018	7.0	12.0	n/a	355%	-24.0%	0.3	6.25%	A	31 Jul 2018	60	//
PrivatBank, 2015	68.0	70.0	405.4%	370.5%	10.4%	0.1	9.38%	S/A	23 Sept 2015	200	Cau//CC
PrivatBank, 2016	59.0	61.0	151.0%	139.4%	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	47.3%	42.2%	41.9%	0.5	8.25%	S/A	10 Mar 2016	700	Ca//CC
Oschadbank, 2018	80.7	82.7	18.5%	17.4%	44.7%	2.1	8.88%	S/A	20 Mar 2018	500	Ca//CC
Municipal Eurobonds											
City of Kyiv, 2015	53.0	55.0	380.2%	351.8%	-25.6%	0.1	8.00%	S/A	6 Nov 2015	250	Ca/CC/CC
City of Kyiv, 2016	53.1	55.4	97.8%	91.0%	-23.3%	0.6	9.375%	S/A	30 Jun 2016	300	Ca/CC/CC

SOVEREIGNS vs. BANKING EUROBONDS



SOVEREIGNS vs. CORPORATE and MUNICIPAL EUROBONDS



¹ 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
UAH denominated Bonds									
UA4000142665			25%	20%	n/a	14.30%	S/A	24 May 2017	n/a
VAT Bonds									
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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