

Market Update

Equity

The Ukrainian stocks listed in Kyiv started the new week on a minor note, with the UX index edging down 0.5% on Monday (Sept 21) and closing at 9-month minimum of 945 points. Among major news for the day, new tensions were sparked between Kyiv and Moscow over Crimea after a group of Ukrainian far-right radicals blocked the two main roads connecting Ukraine to the Crimean Peninsula. Members of the Right Sector movement and ethnic nationalist Tartars built blockades out of cement bricks and are threatening to bar any goods or food supplies from entering the Russian-annexed province. Although UX blue chips have no exposure to Crimea, the general sentiments on the market were negative. UkrNafta (UNAF) lost 2.5% to finish at UAH 254 and CentrEnerg (CEEN) shed 0.7% to UAH 6.87, while Raiffeisen Aval (BAVL) declined by 1.9% to close at 8.40 kopecks. On the interbank currency market, the hryvnia recovered 1.0% against the dollar to close at bid/ask of 21.65/21.80 UAH/USD. In London trading, Ferrexpo (FXPO) continued to bleed, free-falling another 22% as a result of the crash of a large related-party bank. The stock closed at another 6-year low of GBP 31.25. Meanwhile, MHP (MHPC) rose 5.7% to USD 9.85 and Warsaw-listed Astarta (AST) climbed 2.4% to PLN 28.00.

Fixed Income

Ukrainian sovereigns were unchanged on Monday with Ukraine-23s finished flat at 76.0/78.0 (12.5%/12.0%). Corporate names closed mixed. Avangard-15s improved by 3.5p.p. to 42.5 cents on the dollar while Ferrexpo-19s continued its slump moving down by 2.3p.p. to 66.6/68.1 (25.2%/24.3%).

Volume Leaders	Ticker	Last, UAH	1D ch	Volume, UAH mn	Number of Trades
Centrenerg	CEEN	6.87	-0.7%	0.31	57
Raiffeisen Bank Aval	BAVL	0.08	-1.9%	0.18	56
Ukrnafta	UNAF	254.00	-2.5%	0.15	31

Growth Leaders

Alchevsk Steel	ALMK	0.01	2.2%	0.004	6
Kryukiv Wagon	KVBZ	10.08	2.2%	0.073	6
Donbasenergo	DOEN	19.58	1.8%	0.015	28

Loss Leaders

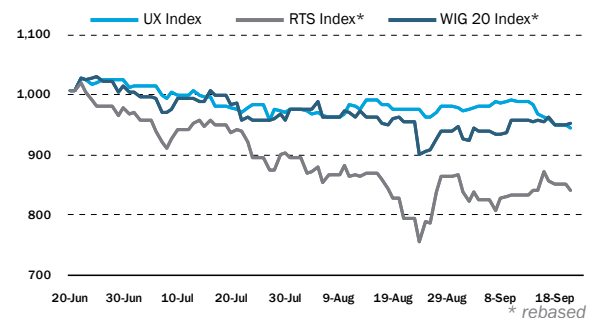
Bogdan Motors	LUAZ	0.01	-5.6%	0.006	12
Ukrsotsbank	USCB	0.10	-4.8%	0.036	6
Ukrnafta	UNAF	254.00	-2.5%	0.146	31

Highlights

POLITICS AND ECONOMICS

- > Industrial Output Drop Slows to 5.8% YoY in August

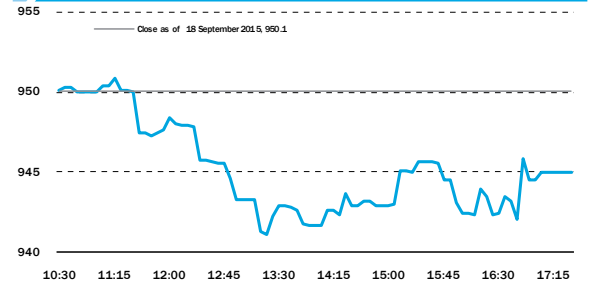
STOCK MARKET PERFORMANCE



MARKET INDEXES

	Last	1D ch	1M ch	YTD
UX	945.0	-0.5%	-3.3%	-8.5%
RTS	808.8	-1.0%	6.1%	2.3%
WIG20	2178.3	0.5%	-0.1%	-5.9%
MSCI EM	815.6	-1.7%	0.4%	-14.7%
S&P 500	1967.0	0.5%	-0.2%	-4.5%

UX INTRADAY SEPTEMBER 21, 2015



FIXED INCOME

	Last	1D ch	1M ch	YTD
EMBI+Global	424.4	-0.4%	-6.6%	5.0%
CDS 5Y UKR	1140.0	-3.0%	-49.3%	-48.2%
Ukraine-17	18.1%	-1.7 p.p.	-18.4 p.p.	-7.6 p.p.
MHP-20	12.2%	0.1 p.p.	-1.1 p.p.	-5.3 p.p.
Ukraine-23	12.2%	0.0 p.p.	-6.3 p.p.	4.7 p.p.
Privatbank-18	29.6%	0.0 p.p.	-1.8 p.p.	

CURRENCY

	Last, UAH	1D ch	1M ch	YTD
USD	21.70	-0.5%	-3.7%	37.2%
EUR	24.84	-0.9%	-3.3%	29.8%
RUB	0.33	-0.2%	0.2%	19.1%

COMMODITIES

	Last	1D ch	1M ch	YTD
Wheat, USD/t*	177.7	0.0%	-7.4%	-27.8%
Steel, USD/t	300.0	-2.4%	-7.7%	-33.3%
Oil, USD/bbl	48.9	3.1%	5.9%	-23.8%
Gold, USD/oz	1133.4	-0.5%	-2.4%	-4.3%

*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

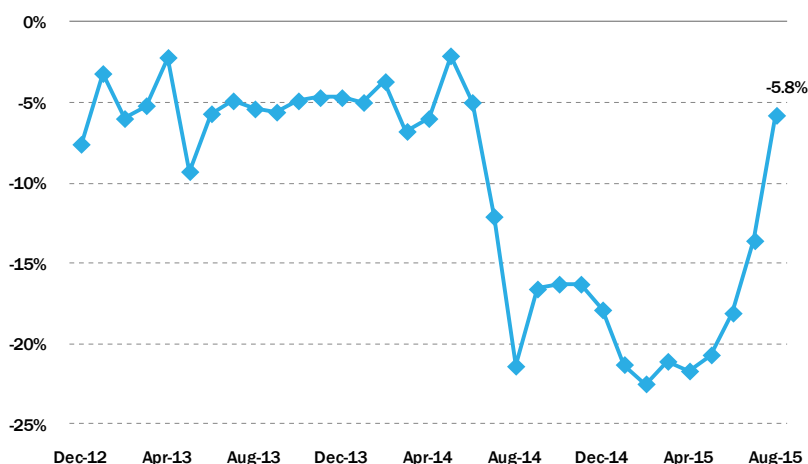
Industrial Output Drop Slows to 5.8% YoY in August

by Dmitry Churin
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NEWS

Ukraine's industrial production drop slowed to 5.8% YoY in August from 13.4% YoY in July, the State Statistics Committee reported on Monday (Sept 21). Among key sectors, output in the extraction industry increased by 0.9% YoY in August while the manufacturing and the utility sectors were down by 8.3% YoY and 7.5% YoY respectively. In a month-on-month comparison, however, the IP index declined by 4.2% MoM in August. Year-to-date through August, the index is down 18% YoY.

UKRAINE'S MONTHLY INDUSTRIAL PRODUCTION INDEX, YOY



Source: State Statistics Committee

COMMENTARY

The contraction in the year-on-year industrial decline from 13% to near 6% came in line with our expectations, as August 2014 was the hottest month of the Donbass war and the period for which the 2014 comparison base dropped sharply without recovering. From the published data, we were nonetheless surprised that iron ore production rose 6.7% YoY in August despite unfavorable global commodity prices. In other subsectors, unfortunately, the situation remained quite grim. For example, the chemical product output tumbled 13.9% YoY in August and has dropped by 20% in 8M15. Chemical products (mostly fertilizers) two years ago were a substantial category of Ukrainian exports, bringing in more than 10% of total export revenues.

All in all, industrial output has started to demonstrate signs of a recovery, and we forecast that in September or October we will actually see growth in year-on-year terms due to the lower comparison base.

EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
Agriculture						
Kernel	KER PW	44.5	56.50	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	9.8	15.32	56%	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	28.0	36.1	29%	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	5.0	9.4	88%	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	0.4	U/R	-	U/R	The terrible loss on EBITDA level of almost USD 100mn for 1H15 makes the company the king among financial reporting fabricators.
Ovostar Union	OVO PW	88.0	80.8	-8%	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	29.8	48.0	61%	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						
Azovstal	AZST	0.77	0.56	-27%	SELL	Non-transparent reporting practices detrimentally affect Azovstal's reported earnings.
Coke						
Avdyivka Coke	AVDK	1.13	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.
Specialized Machinery						
Motor Sich	MSICH	2609	5250	101%	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	0.15	0.24	60%	BUY	Galnaftogaz is pursuing a plan to aggressively expand its filling station network.
Regal Petroleum	RPT	4.0	U/R	-	U/R	Regal has repeatedly missed its production targets since 2012.
JKX Oil & Gas	JKX	17.0	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.
Power Utilities						
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	6.87	15.00	118%	BUY	CenterEnerg'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	0.084	0.24	187%	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	945.00	1158.71	908.88	-0.5%	-4.0%	-3.3%	-8.5%	0.0%	0.0%	0.0%	0.0%
Steel												
Alchevsk Steel	ALMK	0.014	0.029	0.010	0.7%	-3.5%	4.6%	-5.5%	1.3%	0.5%	7.8%	3.0%
Azovstal	AZST	0.77	0.89	0.60	-0.1%	-2.9%	-3.5%	3.0%	0.4%	1.1%	-0.3%	11.5%
Enakievo Steel	ENMZ	16.40	30.99	14.03	-0.4%	-5.3%	-3.5%	-21.7%	0.1%	-1.3%	-0.2%	-13.2%
Coke												
Avdyivka Coke	AVDK	1.13	2.85	0.86	0.0%	-3.6%	4.6%	-35.0%	0.5%	0.4%	7.8%	-26.4%
Yasnyivsky Coking	YASK	0.27	0.52	0.18	0.0%	0.0%	-25.0%	-3.6%	0.5%	4.0%	-21.7%	5.0%
Iron Ore Mining												
Centralny GOK	CGOK	7.72	n/a	n/a	0.0%	0.0%	29.3%	-0.9%	0.5%	4.0%	32.6%	7.6%
Ferrexpo	FXPO	29.75	130.30	29.75	-25.6%	-48.0%	-53.5%	-43.9%	-25.1%	-44.1%	-50.3%	-35.3%
Pivnichny GOK	SGOK	6.65	12.30	4.44	0.0%	0.0%	5.6%	-20.5%	0.5%	4.0%	8.8%	-12.0%
Coal Mining												
Pokrovske Mine	SHCHZ	0.25	n/a	n/a	0.0%	-32.4%	-32.4%	-46.8%	0.5%	-28.5%	-29.2%	-38.3%
Pipe Manufacturing												
Khartsyzk Pipe	HRTR	0.22	0.60	0.20	0.0%	0.0%	-4.3%	-42.1%	0.5%	4.0%	-1.1%	-33.6%
Railcar Manufacturing												
Kryukiv Wagon	KVBZ	10.08	16.39	9.05	2.2%	-3.9%	-2.4%	-21.6%	2.8%	0.1%	0.8%	-13.0%
Luhanskteplovoz	LTPL	0.92	n/a	n/a	0.0%	0.0%	0.0%	-14.8%	0.5%	4.0%	3.3%	-6.3%
Specialized Machinery												
Motor Sich	MSICH	2609	2939	1970	-0.4%	-2.6%	-1.4%	5.1%	0.2%	1.3%	1.9%	13.6%
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	0.16	0.21	0.10	0.0%	0.0%	-10.3%	2.0%	0.5%	4.0%	-7.0%	10.5%
Oil & Gas												
Regal Petroleum	RPT	4.03	9.25	3.13	0.0%	0.0%	3.9%	28.8%	0.5%	4.0%	7.1%	37.3%
JKX Oil	JKX	17.00	51.00	11.00	4.6%	9.7%	0.0%	41.7%	5.1%	13.7%	3.3%	50.2%
Ukrnafta	UNAF	254.0	375.0	172.5	-2.3%	-7.1%	0.3%	24.9%	-1.8%	-3.1%	3.6%	33.5%
Power Utilities												
Centrenergo	CEEN	6.87	8.50	6.72	-1.0%	-3.9%	-5.0%	-8.9%	-0.5%	0.1%	-1.7%	-0.4%
Donbasenergo	DOEN	19.58	35.89	18.50	1.5%	-1.6%	-1.5%	-40.7%	2.0%	2.4%	1.7%	-32.1%
Zakhidenergo	ZAEN	130.0	199.8	125.0	0.0%	0.0%	0.0%	-12.2%	0.5%	4.0%	3.3%	-3.7%
Consumer												
Agroton	AGT	1.12	2.16	0.95	0.0%	4.7%	-1.8%	-8.9%	0.5%	8.7%	1.5%	-0.4%
Astarta	AST	27.98	38.50	14.50	2.4%	4.8%	-8.3%	39.9%	2.9%	8.8%	-5.0%	48.4%
Avangardo	AVGR	0.42	8.00	0.23	31.3%	55.6%	-52.3%	-79.5%	31.8%	59.5%	-49.0%	-71.0%
Industrial Milk Company	IMC	5.00	7.78	4.38	-2.0%	-1.2%	0.0%	-11.8%	-1.4%	2.8%	3.3%	-3.3%
Kernel	KER	44.50	45.55	22.00	0.9%	-0.5%	4.2%	56.4%	1.4%	3.4%	7.5%	64.9%
Mriya Agro Holding	MAYA	n/a	1.50	0.05	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MHPC	MHPC	9.80	12.90	8.24	5.3%	4.1%	4.3%	6.5%	5.8%	8.1%	7.5%	15.1%
Milkiland	MLK	1.04	4.29	0.89	2.0%	5.1%	4.0%	-29.7%	2.5%	9.0%	7.3%	-21.2%
Ovostar Union	OVO	88.02	88.02	67.00	0.0%	4.0%	10.0%	22.3%	0.6%	8.0%	13.3%	30.8%
Chemicals												
Stirol	STIR	6.00	11.99	3.00	0.0%	0.0%	0.0%	-13.4%	0.5%	4.0%	3.3%	-4.9%
Banks												
Raiffeisen Bank Aval	BAVL	0.084	0.131	0.083	-1.9%	-6.8%	-9.1%	-12.9%	-1.3%	-2.8%	-5.9%	-4.4%
UkrSotsbank	USCB	0.100	0.154	0.064	-4.8%	-6.5%	10.5%	-23.2%	-4.2%	-2.6%	13.8%	-14.6%

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	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%
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	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%
Pipe Manufacturing																
Khartsyzk Pipe	HRTR	310	193	92	31	43	18	10.1%	22.6%	19.3%	5	23	2	1.5%	11.7%	2.0%
Railcar Manufacturing																
Luhanskteplovoz	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
Specialized Machinery																
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%
Telecom																
Ukrtelecom	UTLM	796	412	251	-199	85	72	neg	20.6%	28.5%	-279	18	9	neg	4.4%	3.6%
Oil & Gas																
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%
Electric Utilities																
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
Consumer																
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%
Banks																
		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

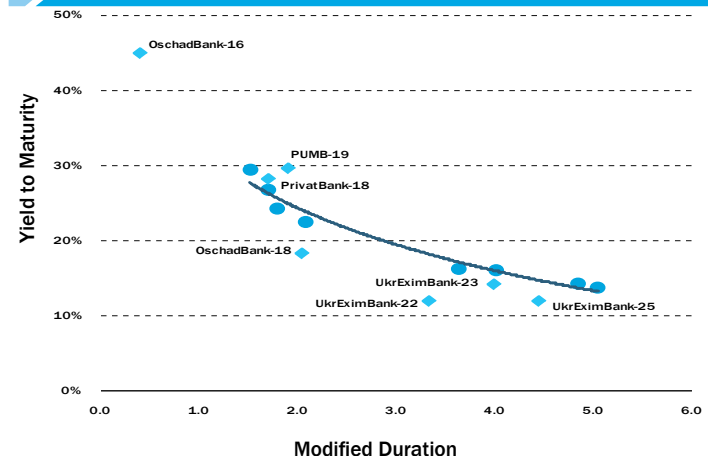
Ticker	MCap USD mn	Free Float % USD mn	EV USD mn	P/E			EV/EBITDA			EV/Sales			EV/Output			Units		
				2013	2014E	2015E	2013	2014E	2015E	2013	2014E	2015E	2013	2014E	2015E			
Steel																		
Alchevsk Steel	ALMK	16	3.9%	1	2,630	neg	neg	neg	neg	neg	neg	1.5	3.8	9.4	680	634	615	\$/tonne
Yenakievo Steel	ENMZ	8	8.8%	1	6	neg	neg	0.3	neg	1.0	0.2	0.0	0.0	0.0	2	2	2	\$/tonne
Azovstal	AZST	149	3.0%	4	142	neg	1.9	2.3	neg	0.8	1.1	0.1	0.1	0.1	31	31	31	\$/tonne
Coke																		
Avdyivka 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	3	9.0%	0	4	neg	neg	neg	0.1	neg	neg	0.0	0.0	0.0	0.1	neg	neg	\$/tonne
Iron Ore Mining																		
Centralny GOK	CGOK	417	0.3%	1	415	2.1	3.6	5.2	1.3	1.9	2.6	0.6	0.7	0.8				
Pivnichny GOK	SGOK	706	0.4%	3	700	1.3	2.2	3.1	0.8	1.1	1.5	0.4	0.5	0.5				
Ferrexpo	FXPO	271	24.0%	65	1,288	1.0	1.5	2.8	2.5	2.6	5.0	0.8	0.9	1.2				
Pipe Manufacturing																		
Khartsyzk Pipe	HRTR	26	2.0%	1	72	5.6	1.2	14.3	2.3	1.7	4.1	0.2	0.4	0.8	114	190	180	\$/tonne
Railcar Manufacturing																		
LuganskTeplovoz	LTPL	9	24.0%	2	46	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				
Specialized Machinery																		
Turboatom	TATM	68	5.8%	4	38	1.0	1.3	3.0	0.4	0.5	1.0	0.2	0.2	0.3				
Motor Sich	MSICH	250	24.0%	60	278	1.5	1.9	2.7	0.7	0.8	1.3	0.3	0.3	0.4				
Telecom																		
Ukrtelecom	UTLM	134	7.2%	10	224	neg	7.4	14.7	neg	2.6	3.1	0.3	0.5	0.9				
Oil & Gas																		
Ukrnafta	UNAF	635	3.0%	19	628	27.2	6.0	2.5	2.2	1.7	1.2	0.2	0.3	0.5	n/a	n/a	n/a	\$/boe
Regal Petroleum	RPT	20	21.6%	4	-5	neg	10.0	6.7	neg	-0.3	-0.4	-0.1	-0.1	-0.1	n/a	n/a	n/a	\$/boe
JKX Oil & Gas	JKX	45	50.4%	23	154	7.0	neg	9.1	2.3	2.2	2.2	0.9	1.1	1.0	28	21	21	\$/boe
Electric Utilities																		
CentrEnergO	CEEN	117	21.7%	25	133	2.0	19.9	neg	1.4	5.1	neg	0.1	0.2	0.4	7	10	8	\$/MWh
DonbasEnergO	DOEN	21	14.2%	3	50	0.3	2.5	neg	0.7	2.5	neg	0.1	0.1	0.3	6	6	6	\$/MWh
Consumer																		
MHP	MHPC	1,036	34.1%	353	2,136	6.4	neg	>30	5.5	3.8	4.1	1.4	1.5	1.9				
Kernel	KER	952	61.8%	588	1,428	9.1	neg	9.6	4.9	6.4	3.4	0.5	0.6	0.6				
Astarta	AST	188	37.0%	70	399	5.5	neg	neg	4.4	2.8	4.1	0.8	0.9	1.1				
Avangardco	AVGR	27	22.5%	6	253	0.1	neg	neg	0.8	2.0	2.7	0.4	0.6	0.7	57	44	41	\$/mneqgs
Ovostar	OVO	142	25.0%	35	150	4.6	5.5	5.8	4.2	5.2	6.0	1.8	2.0	1.9	n/a	n/a	n/a	
Banks																		
						P/E			P/Book			P/Assets						
Raiffeisen Bank Aval	BAVL	116	3.5%	4		1.3	neg	neg	0.1	0.3	0.4	0.02	0.04	0.05				
Ukrsotsbank	USCB	357	0.2%	1		>30	>30	>30	0.4	0.7	1.0	0.07	0.14	0.18				

Source: Eavex Research

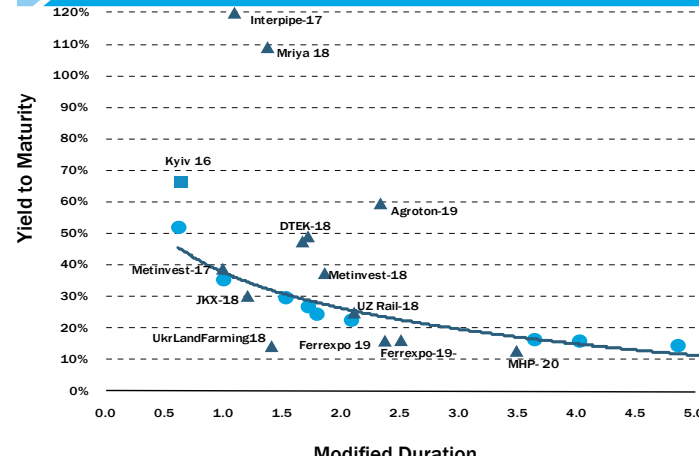
UKRAINIAN EUROBONDS

Issue	Price (Bid)	Price (Ask)	YTM (Bid)	YTM (Ask)	Price chg. (YTD)	Modified Duration	Coupon	Coupon Period	Maturity Date	Volume USD mn	Ratings ¹
Sovereign Eurobonds											
Ukraine, 2015 (EUR)	76.5	78.0	n/a	n/a	13.6%	n/a	4.95%	A	13 Oct 2015	600*	Ca/CC/CC
Ukraine, 2015	78.4	79.7	n/a	n/a	12.4%	n/a	6.875%	S/A	23 Sept 2015	500	Ca/CC/CC
Ukraine, 2016	77.8	78.9	n/a	n/a	25.0%	n/a	6.58%	S/A	21 Nov 2016	1,000	Ca/CC/CC
Ukraine, 2016-2	77.7	78.9	n/a	n/a	20.8%	n/a	6.25%	S/A	17 Jun 2016	1,250	Ca/CC/CC
Ukraine, 2017	80.0	81.0	n/a	n/a	27.4%	n/a	6.75%	S/A	14 Nov 2017	700	Ca/CC/CC
Ukraine, 2017-2	75.5	77.5	n/a	n/a	23.0%	n/a	9.25%	S/A	24 Jul 2017	2,000	Ca/CC/CC
Ukraine, 2017 Infr. projects	75.0	77.0	n/a	n/a	23.6%	n/a	8.375%	S/A	3 Nov 2017	568	Ca//
Ukraine, 2018 Infr. projects	74.5	77.0	n/a	n/a	26.3%	n/a	7.40%	S/A	20 Apr 2018	690	Ca//
Ukraine, 2020	76.0	78.0	n/a	n/a	29.2%	n/a	7.75%	S/A	23 Sept 2020	1,500	Ca/CC/CC
Ukraine, 2021	76.0	78.0	n/a	n/a	29.7%	n/a	7.95%	S/A	23 Feb 2021	1,500	Ca/CC/CC
Ukraine, 2022	76.0	78.0	13.0%	12.5%	27.9%	n/a	7.80%	S/A	28 Nov 2022	1,250	Ca/CC/CC
Ukraine, 2023	76.0	78.0	12.5%	12.0%	29.8%	n/a	7.50%	S/A	17 Apr 2023	1,250	Ca/CC/CC
Corporate Eurobonds											
Agroton, 2019	21.9	25.9	62.9%	55.2%	-29.4%	2.3	8.00%	S/A	14 Jul 2019	50	//RD
MHP, 2020	85.8	87.1	12.4%	12.0%	25.3%	3.4	8.25%	S/A	2 Apr 2020	750	/CCC-/CCC
Avangardco, 2015	42.5	42.5			-34.1%	0.0	10.00%	S/A	29 Oct 2015	200	//WD
UkrLandFarming, 2018	72.6	74.6	13.5%	13.0%	63.6%	n/a	10.88%	S/A	26 Mar 2018	500	/CC/WD
Mriya, 2016	15.8	17.8			34.0%	0.1	10.95%	S/A	30 Mar 2016	72	/SD/RD
Mriya, 2018	n/a	n/a	n/a	n/a	n/a	1.3	9.45%	S/A	19 Apr 2018	400	/SD/RD
DTEK, 2018	44.0	47.0	53.3%	49.5%	-41.7%	1.6	10.375%	S/A	28 Mar 2018	160	Ca//C
DTEK, 2018	39.1	41.5	55.4%	52.0%	-9.4%	1.6	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	58.0	60.0	41.5%	39.4%	-15.7%	0.9	10.50%	S/A	28 Nov 2017	290	Caa3//C
Metinvest, 2018	55.0	58.0	39.5%	36.5%	1.8%	1.8	8.75%	S/A	14 Feb 2018	750	Caa3//C
Ferrexpo, 2019	66.3	68.3	25.3%	24.2%	-13.7%	2.5	10.375%	S/A	07 Apr 2019	186	Caa3//C
Ferrexpo, 2019	66.6	68.1	25.2%	24.3%	-13.7%	2.1	10.375%	S/A	07 Apr 2019	161	Caa3//C
RailUA, 2018	75.0	76.9	22.4%	21.3%	43.2%	2.1	9.50%	S/A	21 May 2018	500	/CC/C
Interpipe, 2017	20.0	30.0	147.9%	104.4%	-54.5%	1.0	10.25%	S/A	2 Aug 2017	200	//
JKX Oil&Gas, 2018	70.2	74.7	31.5%	28.2%	24.4%	1.2	8.00%	S/A	19 Feb 2018	40	
Bank Eurobonds											
Fin&Credit Bank, 2019	10.0	12.9	131.3%	111.3%	-86.2%	1.2	9.25%	S/A	25 Jan 2019	100	//
PUMB, 2018	66.0	70.9	27.0%	24.1%	-3.0%	1.7	11.00%	Q	31 Dec 2018	275	WR//NR
Nadra Bank, 2018	7.0	11.8	n/a	n/a	-25.0%	0.2	6.25%	A	31 Jul 2018	60	//
PrivatBank, 2015	70.0	76.0	171.2%	125.6%	2.1%	0.2	9.38%	S/A	23 Sept 2015	200	Cau//CC
PrivatBank, 2016	59.1	62.3	190.5%	167.9%	19.1%	0.2	8.75%	S/A	9 Feb 2016	150	Cau//CC
PrivatBank, 2018	68.0	70.0	30.4%	28.9%	16.9%	1.9	10.88%	S/A	28 Feb 2018	175	Cau//CC
UkrEximBank, 2022	89.2	90.5	12.0%	11.7%	15.9%	3.3	9.625%	S/A	27 Apr 2022	750	WR//C
UkrEximBank, 2023	72.6	74.6	13.5%	13.0%	47.2%	n/a	7.51%	S/A	9 Feb 2023	125	Ca//C
UkrEximBank, 2025	87.2	88.5	12.1%	11.8%	46.5%	4.4	9.75%	S/A	22 Jan 2025	600	Ca//C
VAB Bank, 2019	n/a	n/a	n/a	n/a	n/a	n/a	9.00%	Q	14 Jun 2019	88	//WD
Oschadbank, 2023	86.1	88.6	12.3%	11.7%	34.4%	3.3	8.25%	S/A	10 Mar 2023	700	Ca//CC
Oschadbank, 2025	85.9	87.4	12.2%	11.9%	52.0%	4.1	8.88%	S/A	20 Mar 2025	500	Ca//CC
Municipal Eurobonds											
City of Kyiv, 2015	71.4	73.3	n/a	n/a	-3.2%	n/a	8.00%	S/A	6 Nov 2015	250	Ca/CC/CC
City of Kyiv, 2016	70.0	73.5	n/a	n/a	1.1%	n/a	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									
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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