

Market Update
Equity

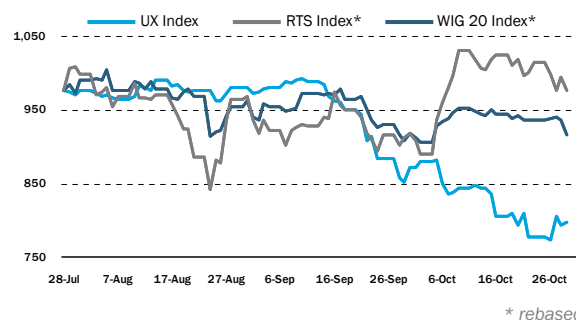
Ukrainian equities were mixed again on Thursday (Oct 29) as the UX index continued to flirt with the 800-point mark. Among notable news for the day, the Russian government (as expected) ignored a deadline to approve Ukraine's Eurobond restructuring offer for a USD 3bn issue maturing in December. Among 10 blue chips, 3 issues ended higher. Azovstal (AZST) rebounded from its recent slump by 3.1% to 59 kopecks and Raiffeisen Aval (BAVL) added 3.2% to 8.10 kopecks, while DonbasEnerg (DOEN) inched up 0.1% to UAH 18.45. Avdyivka Coke (AVDK) was the worst performer, losing 2.0% to UAH 1.07 despite the company unexpectedly reporting a small net profit for 9M15 instead of a loss. Volume leader Motor Sich (MSICH) slipped half a percent to end at UAH 2012 per share. On the interbank currency market, the hryvnia finished nearly unchanged at 23.00 UAH/USD. London-listed iron ore producer Ferrexpo (FXPO) declined 1.4% to GBP 34.50 and poultry producer MHP (MHPC) edged down 1.1% to UAH 9.15. In Warsaw trading, Ukrainian agro companies were lower in line with an overall decline on European bourses. Astarta (AST) lost 3.0% to PLN 34.00 and Kernel (KER) inched down 0.3% to PLN 52.50.

Fixed Income

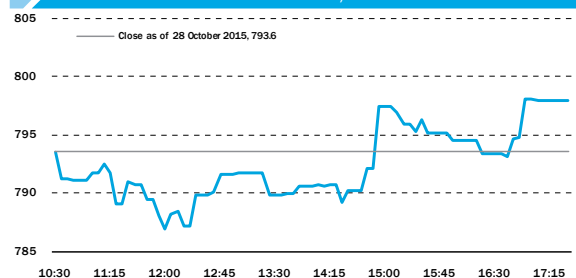
Ukraine's pre-exchange, dead-rubber Eurobond issues once again closed flat on Thursday, with Ukraine-17s and Ukraine-23s finishing unchanged at 79.0/80.0 and 79.5/81.5, respectively. In corporate issues, MHP-20s inched up by 0.1p.p. to 86.3/87.3 (12.4%/12.0%) and UkrLandFarming-18s advanced by 4.5p.p. to 49.5/49.5 (48.7%/48.7%) after the successful completion of the bond restructuring of ULF subsidiary Avangard.

Highlights
FIXED INCOME

- > PrivatBank Continues to Show Breakeven in 3Q15
- > Agroton Offers to Buy Back Bonds at 30 Cents on the Dollar
- > Avangard Pays Coupon on its USD 200mn Restructured Bonds

STOCK MARKET PERFORMANCE

** rebased*
MARKET INDEXES

	Last	1D ch	1M ch	YTD
UX	798.0	0.6%	-7.0%	-22.8%
RTS	839.6	-1.8%	8.2%	6.2%
WIG20	2059.3	-2.2%	0.0%	-11.1%
MSCI EM	846.1	-1.6%	8.3%	-11.5%
S&P 500	2089.4	0.0%	11.0%	1.5%

UX INTRADAY OCTOBER 29, 2015

FIXED INCOME

	Last	1D ch	1M ch	YTD
EMBI+Global	420.5	-0.9%	-11.5%	4.0%
CDS 5Y UKR	1050.0	0.0%	-7.9%	-52.3%
Ukraine-17	21.7%	0.1 p.p.	0.0 p.p.	-3.9 p.p.
MHP-20	12.2%	0.0 p.p.	-0.5 p.p.	-5.3 p.p.
Ukraine-23	11.5%	0.0 p.p.	-0.2 p.p.	4.0 p.p.
RAILUA-18	19.7%	0.0 p.p.	-2.3 p.p.	-14.0 p.p.

CURRENCY

	Last, UAH	1D ch	1M ch	YTD
USD	23.35	1.6%	8.6%	47.6%
EUR	25.63	2.1%	6.0%	33.9%
RUB	0.36	0.9%	11.6%	32.0%

COMMODITIES

	Last	1D ch	1M ch	YTD
Wheat, USD/t*	191.3	0.0%	5.1%	-22.3%
Steel, USD/t	277.5	0.0%	-7.5%	-38.3%
Oil, USD/bbl	48.8	-0.5%	1.6%	-23.9%
Gold, USD/oz	1146.0	-0.9%	1.2%	-3.3%

**Ukraine FOB*
Source: Bloomberg, Ukrainian Exchange

PrivatBank Continues to Show Breakeven in 3Q15

by Dmitry Churin
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NEWS

PrivatBank, which is affiliated with industrialist Igor Kolomoysky and is Ukraine's largest bank by assets, continued its pattern of showing negligible net profit in its 3Q15 financials released this week, with the bottom line for the period at UAH 34mn (USD 1.6mn). PrivatBank's gross interest income rose 10.6% YoY to UAH 8.1bn while interest expenses increased by 42% YoY to UAH 7.0bn. The bank's net interest income fell 55% YoY to UAH 1.1bn in the quarter. Administrative expenses decreased by 4.8% YoY to UAH 1.9bn. For 9M15, PrivatBank reported net profit of UAH 90mn, compared to net profit of UAH 427mn a year ago.

On the balance sheet side, PrivatBank's total assets rose by 18.2% YtD to UAH 242bn (USD 11.2bn) as of 30 Sept 2015 as a result of revaluation of foreign currency denominated assets, which account for 42.6% of the bank's total assets.

COMMENTARY

We suspect that PrivatBank has been intentionally manipulating its figures to hide losses that have occurred due to the generally poor Ukrainian economic situation, in order to avoid a mandatory injection of fresh capital. An example of this manipulation in the 3Q report is the bank's unforming of UAH 153mn in provisions for nonperforming loans. Year-to-date through September, PrivatBank's loan impairment charges decreased by 75% YoY to UAH 675mn. The bank's total nonperforming loan portfolio was UAH 22.5bn compared to nonperforming loan provisions of UAH 17.0bn. Thus it is clear that PrivatBank needs at least UAH 5.5bn (USD 250mn) in additional capital to cover the gap between formed reserves and the nonperforming loan portfolio. However, we do not rule out that PrivatBank is intentionally delaying the formation of reserves until it has finalized a restructuring of its USD 150mn Eurobonds due on 9 Feb 2016 and its USD 200mn bonds due on 15 Jan 2016.

PrivatBank's capital adequacy ratio was 11.0% as of 30 Sept 2015. Current liquidity was 65.6% at the end of 3Q15 (the NBU-mandated minimum for this is 40%).

Currently the PrivatBank-16s coming due in February are quoted at 59.3/62.4 (260%/230%), which reflect expectations that the issue will be restructured.

PrivatBank's 2018 Eurobonds stand at 66.0/66.5 (32.2%/ 31.8%).

Agroton Offers to Buy Back Bonds at 30 Cents on the Dollar

by Ivan Dzvinka
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NEWS

Lugansk-based, Warsaw-listed crop grower Agroton announced a tender offer earlier this week aiming at repurchasing up to USD 15mn of its outstanding USD 50mn bonds. The buyback offer is 30% of the principal amount plus accrued and unpaid coupons. The offer will expire on Nov 4. The company may then revise the maximum repurchase amount as well as extend the expiration deadline.

COMMENTARY

With Agroton already having bought back the principal amount of some USD 22.1mn in early 2014, some USD 27.9mn of bond principal is currently outstanding. After the three value-destructive steps of restructuring between July 2013 and December 2014, no coupon payment since Jul'13 (five coupons missed) and high risk of further coupon payment postponement, we think the issuer has rather good chances to gather enough interest from those holders who prefer to get rid of its holdings in the company's bonds. Based on the terms of the third restructuring step completed in December 2014, the company promised to pay all of the missed semi-annual coupons in January 2016. Unfortunately, we see a high probability that this scheduled payment of coupons will again be postponed.

The buyback of

USD 15mn of principal together with accrued unpaid coupons will require some USD 6.8mn in cash from Agroton. This is an affordable amount for the company, with cash on hand at USD 6.0mn and a hefty USD 31.7mn in loan receivables (as of 30 Jun 2015). Most of the loan receivables are effectively loans provided by the company to Mr. Yuriy Zhuravlev, who is Agroton's majority shareholder. Importantly, the company presents the liquidity of these assets as being on a par with cash and cash equivalents.

Agroton Offers to Buy Back Bonds at 30 Cents on the Dollar

by Ivan Dzvinka
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NEWS

Avangard, Ukraine's largest egg producer, has made a cash coupon payment of USD 4.0mn on its recently restructured USD 200mn bonds, the company stated in its release on Thursday (Oct 29).

COMMENTARY

Just two days ago, Avangard finalized a restructuring scheme to extend the bonds' maturity until 2018; yesterday's timely coupon payment has allowed it to avoid a default (even a technical one) on the issue. Under the approved terms of the restructured bonds, the 5% coupon due yesterday (the semi-annual payment of the 10% coupon) was to be paid with 40% in cash and 60% capitalized (i.e. $40\% * 5\% * \text{USD } 200\text{mn} = \text{USD } 4.0\text{mn}$ in cash, and the remaining USD 6.0mn postponed "in kind"). The coupons due on 29 April 2016 and 29 October 2016 are to be paid in the proportion of cash/"in kind" of 25%/75% (USD 2.5mn/USD 7.5mn in cash/in kind) with that proportion changing to 50%/50% for two coupon payments in 2017 (USD 5mn/USD 5mn) and to 75%/25% (USD 7.5mn/USD 2.5mn) for the coupon due on 29 April 2018. The final coupon due at the bonds' maturity of 29 October 2018 is to be paid fully in cash (USD 10mn)

EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
Agriculture						
Kernel	KER PW	52.5	57.20	9%	HOLD	Flat or rising YoY operating results expected by management in FY16 will not be enough to compensate for lower sunflower seeds crushing and grain trading margins.
MHP	MHPC LI	9.2	15.32	67%	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%	BUY	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	6.3	9.4	50%	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	1.2	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	87.3	80.8	-7%	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	34.5	23.0	-33%	SELL	Downward trend in benchmark iron ore fines prices together with the reduction in pellet-to-fines pellet is exacerbated with frozen cash (USD 174mn) in related to Zhevago bank in September.
Steel						
Azovstal	AZST	0.59	0.56	-5%	SELL	Non-transparent reporting practices detrimentally affect Azovstal's reported earnings.
Coke						
Avdyivka Coke	AVDK	1.07	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	2012	5250	161%	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	3.7	U/R	--	U/R	Regal has repeatedly missed its production targets since 2012.
JKX Oil & Gas	JKX	27.5	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						
DonbasEnergO	DOEN	18.5	U/R	--	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	5.52	15.00	172%	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	0.081	0.24	197%	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	798.01	1158.71	770.65	0.6%	2.6%	-7.0%	-22.8%	0.0%	0.0%	0.0%	0.0%
Steel												
Alchevsk Steel	ALMK	0.012	0.026	0.010	-0.8%	-3.3%	-1.7%	-17.9%	-1.4%	-5.9%	5.4%	4.8%
Azovstal	AZST	0.59	0.89	0.55	5.4%	-2.5%	-18.3%	-21.5%	4.9%	-5.1%	-11.3%	1.3%
Enakievo Steel	ENMZ	16.40	29.84	14.03	0.0%	2.1%	1.9%	-21.7%	-0.6%	-0.5%	8.9%	1.1%
Coke												
Avdyivka Coke	AVDK	1.07	2.73	0.86	-1.8%	5.8%	7.2%	-38.2%	-2.4%	3.2%	14.3%	-15.4%
Yasnivsky Coking	YASK	0.25	0.48	0.06	0.0%	31.6%	-3.8%	-10.7%	-0.6%	29.0%	3.2%	12.1%
Iron Ore Mining												
Centralny GOK	CGOK	6.95	n/a	n/a	0.0%	5.5%	-10.0%	-10.8%	-0.6%	2.9%	-2.9%	12.0%
Ferrexpo	FXPO	34.50	89.65	29.75	-1.4%	-6.8%	2.2%	-34.9%	-2.0%	-9.4%	9.3%	-12.1%
Pivnichny GOK	SGOK	3.50	12.30	2.20	0.0%	16.6%	-33.3%	-58.2%	-0.6%	14.0%	-26.3%	-35.4%
Coal Mining												
Pokrovske Mine	SHCHZ	0.25	n/a	n/a	0.0%	0.0%	-28.6%	-46.8%	-0.6%	-2.6%	-21.5%	-24.0%
Pipe Manufacturing												
Khartsyzk Pipe	HRTR	0.17	0.60	0.12	0.0%	21.4%	-10.5%	-55.3%	-0.6%	18.8%	-3.5%	-32.5%
Railcar Manufacturing												
Kryukiv Wagon	KVBZ	9.77	14.19	8.65	0.0%	3.5%	9.8%	-24.0%	-0.6%	0.9%	16.8%	-1.2%
Luhanskteplovoz	LTPL	0.55	n/a	n/a	0.0%	22.2%	-31.3%	-49.1%	-0.6%	19.6%	-24.2%	-26.3%
Specialized Machinery												
Motor Sich	MSICH	2012	2939	1951	-0.4%	0.2%	-16.7%	-19.0%	-1.0%	-2.4%	-9.6%	3.8%
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	0.15	0.21	0.10	-4.5%	-4.5%	-3.3%	-1.4%	-5.1%	-7.1%	3.8%	21.4%
Oil & Gas												
Regal Petroleum	RPT	3.73	6.50	3.13	-17.2%	-17.2%	-3.9%	19.2%	-17.8%	-19.8%	3.2%	42.0%
JKX Oil	JKX	27.50	39.00	11.00	0.0%	2.8%	57.1%	129.2%	-0.6%	0.2%	64.2%	151.9%
Ukrnafta	UNAF	216.0	337.6	172.5	-0.5%	4.6%	-11.6%	6.2%	-1.0%	2.0%	-4.5%	29.0%
Power Utilities												
Centrenergo	CEEN	5.52	8.50	5.10	0.0%	6.3%	-3.8%	-26.8%	-0.6%	3.7%	3.3%	-4.1%
Donbasenergo	DOEN	18.45	35.28	15.57	-0.4%	8.3%	1.0%	-44.1%	-0.9%	5.7%	8.0%	-21.3%
Zakhidenergo	ZAEN	92.0	193.9	75.1	0.0%	8.2%	-29.2%	-37.9%	-0.6%	5.6%	-22.2%	-15.1%
Consumer												
Agroton	AGT	1.28	2.08	0.95	0.8%	-7.9%	20.8%	4.1%	0.2%	-10.5%	27.8%	26.8%
Astarta	AST	34.00	36.90	14.50	-3.0%	9.0%	26.4%	70.0%	-3.6%	6.4%	33.5%	92.8%
Avangardo	AVGR	1.15	6.50	0.23	0.0%	13.9%	35.3%	-43.9%	-0.6%	11.3%	42.3%	-21.1%
Industrial Milk Company	IMC	6.25	7.34	4.38	-7.8%	-1.1%	25.0%	10.2%	-8.4%	-3.7%	32.0%	33.0%
Kernel	KER	52.50	55.20	23.00	-0.3%	2.2%	16.7%	84.5%	-0.8%	-0.4%	23.7%	107.2%
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	9.15	12.05	8.24	-1.1%	-1.6%	-0.5%	-0.5%	-1.6%	-4.2%	6.5%	22.2%
Milkiland	MLK	1.81	3.50	0.89	-10.0%	-6.2%	86.6%	22.3%	-10.5%	-8.8%	93.6%	45.1%
Ovostar Union	OVO	87.33	89.51	68.00	0.0%	0.4%	-1.9%	21.3%	-0.6%	-2.2%	5.2%	44.1%
Chemicals												
Stirol	STIR	5.50	9.20	3.00	0.0%	-8.3%	-8.3%	-20.6%	-0.6%	-10.9%	-1.3%	2.1%
Banks												
Raiffeisen Bank Aval	BAVL	0.081	0.126	0.070	3.5%	4.7%	7.5%	-15.9%	2.9%	2.1%	14.5%	6.8%
UkrSotsbank	USCB	0.089	0.153	0.064	0.0%	-1.0%	2.3%	-31.6%	-0.6%	-3.6%	9.3%	-8.9%

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	971	506	496	256	32.0%	35.8%	26.3%	264	184	126	16.7%	13.2%	13.0%
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	35	22	-146	15	10	neg	44.5%	45.5%	-127	6	-1	neg	16.6%	neg
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	2,330	291	223	397	10.4%	9.3%	17.0%	105	-107	101	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

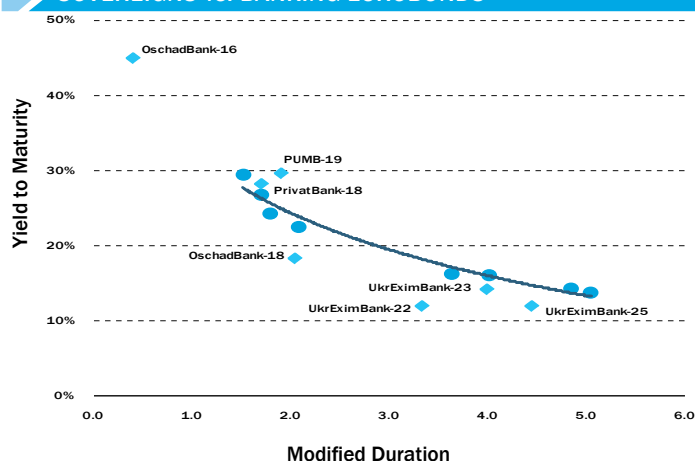
Ticker	MCap USD mn	Free Float % USD mn	EV USD mn	P/E			EV/EBITDA			EV/Sales			EV/Output			Units		
				2013	2014E	2015E	2013	2014E	2015E	2013	2014E	2015E	2013	2014E	2015E			
Steel																		
Alchevsk Steel	ALMK	13	3.9%	1	2,627	neg	neg	neg	neg	neg	neg	1.5	3.8	9.4	679	633	615	\$/tonne
Yenakievo Steel	ENMZ	7	8.8%	1	5	neg	neg	0.3	neg	0.9	0.2	0.0	0.0	0.0	2	2	2	\$/tonne
Azovstal	AZST	105	3.0%	3	99	neg	1.4	1.6	neg	0.5	0.8	0.0	0.1	0.1	22	22	22	\$/tonne
Coke																		
Avdivka 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	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	349	0.3%	1	347	1.8	3.0	4.3	1.1	1.6	2.2	0.5	0.6	0.6				
Pivnichny GOK	SGOK	345	0.4%	1	339	0.6	1.1	1.5	0.4	0.5	0.7	0.2	0.2	0.3				
Ferrexpo	FXPO	314	24.0%	75	1,331	1.2	1.7	2.5	2.6	2.7	5.2	0.8	1.0	1.4				
Pipe Manufacturing																		
Khartsyzk Pipe	HRTR	19	2.0%	0	65	4.0	0.8	10.3	2.1	1.5	3.6	0.2	0.3	0.7	103	170	162	\$/tonne
Railcar Manufacturing																		
LuganskTeplovoz	LTPL	5	24.0%	1	42	0.3	neg	n/a	1.2	neg	n/a	0.1	0.3	n/a				
Krukiv Wagon	KVBZ	48	5.0%	2	42	1.2	neg	neg	0.8	neg	neg	0.1	0.3	0.6				
Specialized Machinery																		
Turboatom	TATM	63	5.8%	4	33	0.9	1.2	2.8	0.4	0.4	0.9	0.2	0.2	0.3				
Motor Sich	MSICH	179	24.0%	43	184	1.1	1.4	1.9	0.5	0.5	0.8	0.2	0.2	0.3				
Telecom																		
Ukrtelecom	UTLM	120	7.2%	9	211	neg	6.6	13.2	neg	2.5	2.9	0.3	0.5	0.8				
Oil & Gas																		
Ukrnafta	UNAF	502	3.0%	15	495	21.5	4.8	2.0	1.7	1.3	0.9	0.2	0.2	0.4	n/a	n/a	n/a	\$/boe
Regal Petroleum	RPT	19	21.6%	4	-7	neg	3.2	neg	neg	-0.4	-0.7	-0.2	-0.2	-0.3	n/a	n/a	n/a	\$/boe
JKX Oil & Gas	JKX	73	50.4%	37	182	11.3	neg	14.7	2.7	2.6	2.6	1.0	1.2	1.2	33	25	24	\$/boe
Electric Utilities																		
CentrEnerg	CEEN	87	21.7%	19	70	1.5	14.8	neg	0.7	2.7	neg	0.1	0.1	0.2	4	5	4	\$/MWh
DonbasEnerg	DOEN	19	14.2%	3	47	0.3	2.2	neg	0.7	2.4	neg	0.1	0.1	0.2	6	6	6	\$/MWh
Consumer																		
MHP	MHPC	967	34.1%	330	2,067	6.0	neg	>30	5.3	3.7	4.0	1.4	1.5	1.8				
Kernel	KER	1,123	61.8%	694	1,462	10.7	neg	11.1	5.0	6.6	3.7	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	73	22.5%	17	300	0.3	neg	neg	1.0	2.3	3.2	0.5	0.7	0.8	68	52	49	\$/mneqgs
Ovostar	OVO	141	25.0%	35	149	4.6	5.4	5.8	4.2	5.1	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	104	3.5%	4		1.2	neg	neg	0.1	0.3	0.4	0.02	0.04	0.05				
Ukrsotsbank	USCB	295	0.2%	1		>30	>30	>30	0.3	0.6	0.8	0.07	0.14	0.18				

Source: Eavex Research

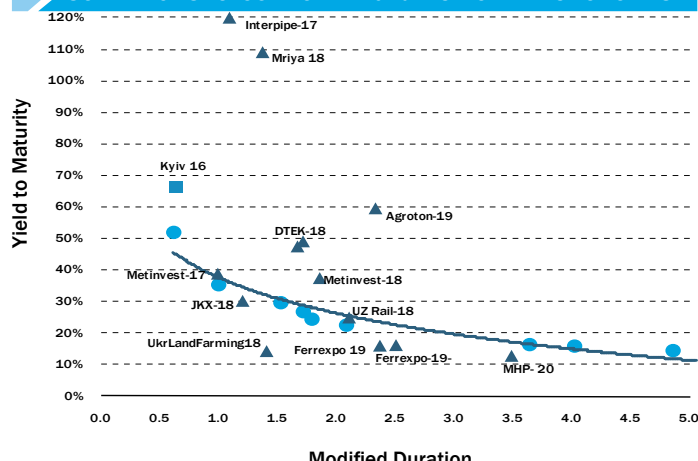
UKRAINIAN EUROBONDS

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)	82.0	84.0	n/a	n/a	22.1%	n/a	4.95%	A	13 Oct 2015	600*	Ca/CC/CC
Ukraine, 2015	79.9	82.1	n/a	n/a	15.2%	n/a	6.875%	S/A	23 Sept 2015	500	Ca/CC/CC
Ukraine, 2016	78.5	80.1	n/a	n/a	26.5%	n/a	6.58%	S/A	21 Nov 2016	1,000	Ca/CC/CC
Ukraine, 2016-2	78.4	79.8	n/a	n/a	22.1%	n/a	6.25%	S/A	17 Jun 2016	1,250	Ca/CC/CC
Ukraine, 2017	79.0	80.0	n/a	n/a	25.8%	n/a	6.75%	S/A	14 Nov 2017	700	Ca/CC/CC
Ukraine, 2017-2	79.0	80.0	n/a	n/a	27.8%	n/a	9.25%	S/A	24 Jul 2017	2,000	Ca/CC/CC
Ukraine, 2017 Infr. projects	78.5	80.0	n/a	n/a	28.9%	n/a	8.375%	S/A	3 Nov 2017	568	Ca//
Ukraine, 2018 Infr. projects	78.5	80.0	n/a	n/a	32.1%	n/a	7.40%	S/A	20 Apr 2018	690	Ca//
Ukraine, 2020	80.5	82.0	n/a	n/a	36.3%	n/a	7.75%	S/A	23 Sept 2020	1,500	Ca/CC/CC
Ukraine, 2021	78.0	80.0	n/a	n/a	33.0%	n/a	7.95%	S/A	23 Feb 2021	1,500	Ca/CC/CC
Ukraine, 2022	79.0	80.5	13.2%	12.8%	32.5%	n/a	7.80%	S/A	28 Nov 2022	1,250	Ca/CC/CC
Ukraine, 2023	79.5	81.5	11.8%	11.3%	35.7%	n/a	7.50%	S/A	17 Apr 2023	1,250	Ca/CC/CC
Corporate Eurobonds											
Agroton, 2019	10.0	14.9	116.2%	87.5%	-63.2%	1.6	8.00%	S/A	14 Jul 2019	50	//RD
MHP, 2020	86.3	87.3	12.4%	12.0%	25.8%	3.5	8.25%	S/A	2 Apr 2020	750	/CCC-/CCC
Avangardco, 2015	41.5	46.7			-31.7%	2.3	10.00%	S/A	29 Oct 2015	200	//WD
UkrLandFarming, 2018	49.5	49.5	48.7%	48.7%	10.0%	n/a	10.88%	S/A	26 Mar 2018	500	/CC/WD
Mriya, 2016	15.0	15.0			20.0%	0.1	10.95%	S/A	30 Mar 2016	72	/SD/RD
Mriya, 2018	n/a	n/a	n/a	n/a	n/a	1.4	9.45%	S/A	19 Apr 2018	400	/SD/RD
DTEK, 2018	53.0	56.0	43.9%	40.7%	-30.1%	1.7	10.375%	S/A	28 Mar 2018	160	Ca//C
DTEK, 2018	47.0	52.0	46.6%	40.9%	11.2%	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	64.0	66.0	36.7%	34.9%	-7.1%	0.9	10.50%	S/A	28 Nov 2017	290	Caa3//C
Metinvest, 2018	62.0	64.0	33.9%	32.1%	13.5%	1.7	8.75%	S/A	14 Feb 2018	750	Caa3//C
Ferrexpo, 2019	65.0	67.4	26.5%	25.1%	-15.1%	2.5	10.375%	S/A	07 Apr 2019	186	Caa3//C
Ferrexpo, 2019	65.0	67.1	26.5%	25.3%	-15.3%	2.2	10.375%	S/A	07 Apr 2019	161	Caa3//C
RailUA, 2018	79.5	81.0	20.1%	19.3%	51.3%	2.0	9.50%	S/A	21 May 2018	500	/CC/C
Interpipe, 2017	36.0	38.5	95.0%	88.3%	-32.3%	1.0	10.25%	S/A	2 Aug 2017	200	//
JKX Oil&Gas, 2018	67.7	71.1	34.5%	31.8%	19.2%	1.0	8.00%	S/A	19 Feb 2018	40	
Bank Eurobonds											
Fin&Credit Bank, 2019	8.9	11.6	133.7%	113.7%	-87.7%	1.4	9.25%	S/A	25 Jan 2019	100	//
PUMB, 2018	67.0	76.7	26.8%	21.3%	1.9%	1.7	11.00%	Q	31 Dec 2018	275	WR//NR
Nadra Bank, 2018	5.7	11.2	n/a	n/a	-32.7%	0.1	6.25%	A	31 Jul 2018	60	//
PrivatBank, 2015	70.7	75.0	200.3%	163.5%	16.2%		9.38%	S/A	23 Sept 2015	200	Cau//CC
PrivatBank, 2016	59.3	62.4	259.2%	228.3%	19.4%	0.2	8.75%	S/A	9 Feb 2016	150	Cau//CC
PrivatBank, 2018	66.5	66.5	32.2%	32.2%	12.7%	1.7	10.88%	S/A	28 Feb 2018	175	Cau//CC
UkrEximBank, 2022	90.8	91.7	11.7%	11.5%	17.8%	3.4	9.625%	S/A	27 Apr 2022	750	WR//C
UkrEximBank, 2023	72.5	75.3	13.6%	12.9%	47.8%	n/a	7.51%	S/A	9 Feb 2023	125	Ca//C
UkrEximBank, 2025	89.1	90.0	11.7%	11.5%	49.2%	4.3	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	88.6	89.7	11.7%	11.5%	37.1%	3.2	8.25%	S/A	10 Mar 2023	700	Ca//CC
Oschadbank, 2025	86.8	87.6	12.0%	11.8%	53.0%	4.0	8.88%	S/A	20 Mar 2025	500	Ca//CC
Municipal Eurobonds											
City of Kyiv, 2015	71.0	74.0	n/a	n/a	-2.9%	n/a	8.00%	S/A	6 Nov 2015	250	Ca/CC/CC
City of Kyiv, 2016	70.6	72.9	n/a	n/a	1.0%	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			23%	20%	n/a	14.30%	S/A	24 May 2017	n/a
VAT Bonds									
UA4000185151			23%	21%	1.9	9.50%	S/A	8 Jul 2019	3,577
UA4000185557			23%	21%	1.9	9.50%	S/A	22 Jul 2019	2,171
UA4000186159			23%	21%	1.9	9.50%	S/A	20 Aug 2019	955

Source: Bloomberg, Cbonds, Eavex Research

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