

Market Update

Equity

Ukraine's stock market saw a technical rebound on Tuesday (Jan 20) after four sessions of correction. The UX index rose by 1.3% to close at 1041 points despite the continuing negative news flow regarding the war situation in the east of the country; on the border between Donetsk and Zaporizha provinces, an apparent bomb attack blew up a railroad bridge. In the most actively traded issues, UkrNafta (UNAF) added 1.2% to UAH 240 per share and CentrEnerg (CEEN) edged up half a percent. In the banking sector, Raiffeisen Aval (BAVL) climbed 1.2% to 9.20 kopecks. London-listed shell egg producer Avangard (AVGR) slid to a fresh all-time low of USD 1.90 on a 5% decline. In Warsaw, Kernel (KER) advanced by 5.6% to PLN 32.25 after the company reported solid operating results for the Oct-Dec quarter. Kernel increased its grain sales by 5% YoY to 1.40mn tonnes in 2Q of its 2015 financial year.

Fixed Income

Ukrainian sovereigns were flat again on Tuesday, with prices having fallen to such distressed levels that very few offers are being made. Ukraine-23s inched up 0.1p.p. to 54.2/59.2 (18.5%/16.8%). Corporate names were mostly lower. UkrLandFarming-18s declined by 1.0p.p. to 40.0/46.0 (50.7%/43.8%) and Metinvest-18s were down 2.0p.p. to 50.0/53.0 (37.6%/34.9%).

Volume Leaders	Ticker	Last, UAH	1D ch	Volume, UAH mn	Number of Trades
Centrenerg	CEEN	7.64	0.5%	0.9	59
Motor Sich	MSICH	2555.00	0.8%	0.6	36
Ukrnafta	UNAF	240.00	1.2%	0.4	63

Growth Leaders

Azovstal	AZST	0.78	2.5%	0.07	46
Donbasenergo	DOEN	32.27	2.2%	0.01	18
Raiffeisen Bank Aval	BAVL	0.09	1.2%	0.12	25

Loss Leaders

Avdyivka Coke	AVDK	1.50	-2.0%	0.004	25
Alchevsk Steel	ALMK	0.01	-0.7%	0.007	28
Yenakievo Steel	ENMZ	20.47	-0.2%	0.001	7

Highlights

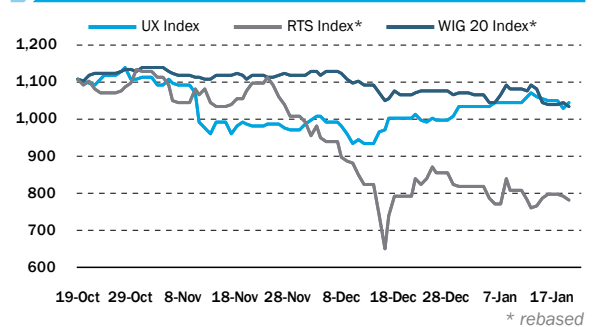
POLITICS AND ECONOMICS

- > Gazprom Claims USD 2.44bn as Outstanding Gas Debt from Ukraine

FIXED INCOME

- > Mriya Owner and Former CEO Guta Placed on Interpol Wanted List

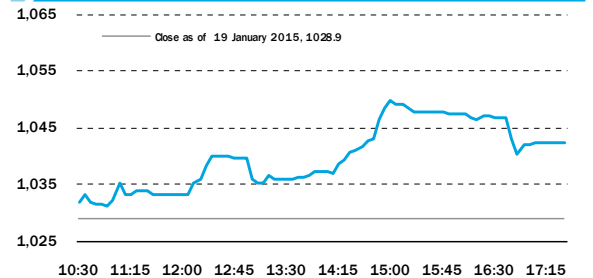
STOCK MARKET PERFORMANCE



MARKET INDEXES

	Last	1D ch	1M ch	YTD
UX	1042.4	1.3%	4.0%	0.9%
RTS	756.3	-1.3%	-1.5%	-4.4%
WIG20	2242.4	-0.6%	-3.0%	-3.2%
MSCI EM	957.3	0.5%	1.3%	0.1%
S&P 500	2022.6	0.2%	-2.3%	-1.8%

UX INTRADAY JANUARY 20, 2015



FIXED INCOME

	Last	1D ch	1M ch	YTD
EMBI+Global	453.5	0.4%	11.3%	12.2%
CDS 5Y UKR	2309.2	2.2%	17.8%	3.4%
Ukraine-17	28.2%	1.0 p.p.	6.4 p.p.	2.6 p.p.
Ferrexpo-16	25.6%	-5.7 p.p.	-5.8 p.p.	-5.8 p.p.
Ukraine-23	17.6%	0.0 p.p.	3.1 p.p.	10.1 p.p.
Privatbank-16	89.6%	0.3 p.p.	6.9 p.p.	4.2 p.p.

CURRENCY

	Last, UAH	1D ch	1M ch	YTD
USD	15.82	-0.3%	0.0%	0.0%
EUR	18.27	-0.7%	-5.5%	-4.5%
RUB	0.24	-0.7%	-9.2%	-11.7%

COMMODITIES

	Last	1D ch	1M ch	YTD
Wheat, USD/t*	234.1	0.0%	-4.9%	-4.9%
Steel, USD/t	430.0	0.0%	-3.9%	-4.4%
Oil, USD/bbl	48.0	-1.7%	-22.7%	-16.3%
Gold, USD/oz	1295.4	1.5%	8.3%	9.3%

*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

Gazprom Claims USD 2.44bn as Outstanding Gas Debt from Ukraine

by Dmitry Churin
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NEWS

Russian natural gas monopoly Gazprom has claimed a USD 2.44bn as outstanding gas debt from Ukraine, Gazprom CEO Alexey Miller said during a meeting with Russian Prime Minister Dmitry Medvedev, Interfax reported on Tuesday (Jan 20). Ukraine owes Gazprom USD 2.44bn for gas, including penalties, after paying USD 3.1bn gas debt in November-December 2014 agreed under an EU-brokered deal, Miller said. He added that the terms of the “temporary winter package” under which the gas price for Ukraine is less than \$385 per 1000 cubic meters (cu-m) will be in force only until the end of March, and that the “discount” of USD 100 per cu-m would be terminated on Apr 1. However, Russian media also reported that Medvedev said Moscow is “open to discuss different options for cooperation” after the temporary deal expires, a sentiment echoed by Ukrainian Energy Minister Volodymyr Demchyshin.

COMMENTARY

The Kremlin has long used Gazprom CEO Miller as a “bad cop” in terms of his tough public statements on Ukraine’s gas situation, while Medvedev has played the role of the more flexible “good cop”, and yesterday’s publicized meeting fits this pattern of setting out the Russian negotiating position. In our opinion there is no legal ground for Gazprom to claim any additional gas debt from Ukraine by citing the long term contract signed in 2009, as this contract now being disputed in the Stockholm Arbitrage court. In 1Q15, Ukraine is importing gas from Russia at USD 365 per 1,000 cu-m under a trilateral protocol between Ukraine, Russia and the European Commission. Ukraine has notably reduced its dependence on Russian natural gas in the past year, with imports of the fuel from Gazprom amounting to 14.5bn cu-m in full-year 2014, down close to half from 25.8bn cu-m in FY13. Ukraine’s gas imports from Europe accounted for 26% of total gas import in 2014 (5.1bn cu-m). With Miller’s statements, Moscow seems to be clinging to its position of linking the gas price issue the larger issue of geopolitical orientation. We assume that Ukraine will have to negotiate a new temporary price for gas supplies after Apr 1 unless the Stockholm Arbitrage court hands down a favorable ruling regarding termination of the so-called “slavery” gas contract for 2009-2019 between Naftogaz Ukraine and Gazprom, in which the base price for Russian natural gas was set at a whopping USD 485 per 1,000 cu-m.

Mriya Owner and Former CEO Guta Placed on Interpol Wanted List

by Ivan Dzvinka
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NEWS

Interpol placed Mykola Guta, one of the main family shareholders of Ternopil-based crop grower Mriya, on its international arrest warrant list, at the request of Ukraine's Interior Ministry. This was reported by Anton Gerashchenko, an advisor to Interior Minister Arseniy Avakov, on Tuesday (Jan 20). Gerashchenko said that Guta fraudulently misappropriated more than USD 100mn belonging to the company. Guta was Mriya's CEO from 2002 until September of last year.

COMMENTARY

This is definitely a positive development for Mriya's creditors, who are in the process of becoming the company's new owners and setting up a new management team. As we presumed last week, the Guta family are suspected of involvement in activities that warrant prosecution. Bringing Interpol into the mix after the Interior Ministry took initial action last week, increases the chances that Mykola Guta and possibly other members of the Guta family and their representatives will be held responsible for what looks to have been a criminal bankrupting and asset-stripping of the group.

EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
Steel&Pipes						
Azovstal	AZST	0.78	0.56	-28%	SELL	Non-transparent reporting practices detrimentally affect Azovstal's reported earnings.
Iron Ore						
Ferrexpo	FXPO LN	54.8	108.0	97%	HOLD	Exacerbated issue of global ore oversupply together with sluggish growth in demand will likely keep iron ore prices at depressed level at least in the short run boding bad for Ferrexpo's earnings.
Pivnichny GOK	SGOK	9.44	U/R	-	U/R	On its EGM on 14 Feb 2014, SGOK's shareholders approved additional issue of 14.75mn of new shares implying 0.64% of the company's share capital.
Centralny GOK	CGOK	8.40	U/R	-	U/R	On its EGM on 19 Feb 2014, CGOK's shareholders made a decision on additional issue of 14.73mn of new shares implying 1.26% of the company's share capital.
Coke						
Avdyivka Coke	AVDK	1.50	U/R	-	Susp.	Avdyivka Coke experienced several artillery attacks since August 2014 due to its location near the border of occupied territory.
Yasynivsky Coke	YASK	0.25	U/R	-	U/R	Yasynivsky Coke reported net loss of UAH 22mn for FY13 which was the first negative bottom line since 2004.
Coal						
Pokrovske Mine	SHCHZ	0.38	U/R	-	Susp.	The company's coal production expansion plan were put under high risk of realization due to war in Donbass.
Railcar Manufacturing						
Krukiv Wagon	KVBZ	12.3	U/R	-	U/R	
LuganskTeplovoz	LTPL	1.09	U/R	-	U/R	LuganskTeplovoz was forced to shut down operations amid military conflict in the region.
Specialized Machinery						
Motor Sich	MSICH	2555	5250	105%	BUY	Motor Sich should see its sales 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%.
Turboatom	TATM	5.00	8.9	78%	BUY	We model Turboatom's revenue as increasing at 18% CAGR over 2012-2015. Deliveries of hydro and steam turbines to export markets will remain the company's key revenue drivers.
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	4.3	U/R	-	U/R	The company has been constantly missed production targets since 2012.
JKX Oil & Gas	JKX	12.1	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	32.3	72.0	123%	BUY	DonbasEnergO is expected to continue practice of 30% dividend payout in a medium term.
CenterEnergO	CEEN	7.64	15.00	96%	BUY	CenterEnergO's privatization has been postponed, but the company retains a strong fundamental value due to its large installed electricity generation capacity.
Consumer						
MHP	MHPC	9.3	17.96	94%	BUY	The company is set to reach full capacity utilisation at its greenfield Vinnytsia project in late 2014 on the back of favorable export and domestic markets demand for its poultry.
Astarta	AST	25.7	90.0	251%	BUY	Astarta's business leans on three pillars: sugar beet cultivation/processing, grain cultivation, and cattle farming. With sugar prices depressed since 2011, a favorable market for grain should continue to drive the company's profitability.
AvangardCo	AVGR	1.9	2.7	41%	HOLD	Loss of the company's output at war-hit Donbass together with UAH devaluation will lead to lower EBITDA in 2015 after some 55% drop in 2014.
Ovostar Union	OVO	72.5	80.8	11%	HOLD	Ovostar is one of the hardest-hit Ukrainian public companies from this year's UAH devaluation as some 70% of its production cost is linked to USD while only 15% of revenue earned in hard currency.
Banks						
Raiffeisen Bank Aval	BAVL	0.092	0.24	161%	BUY	The bank has quite conservative risk policy therefore we assume it would weathered the current financial crisis in Ukraine and will start to generate solid profit starting from FY16.

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	1042.36	1368.76	821.17	1.3%	-2.7%	4.0%	0.9%	0.0%	0.0%	0.0%	0.0%
Steel												
Alchevsk Steel	ALMK	0.014	0.045	0.011	-0.7%	-7.4%	-6.8%	-4.8%	-2.0%	-4.6%	-10.7%	-5.7%
Azovstal	AZST	0.78	0.95	0.35	2.5%	0.4%	7.6%	4.2%	1.2%	3.1%	3.6%	3.3%
Enakievo Steel	ENMZ	20.47	65.00	16.01	-0.1%	-0.5%	-8.9%	-2.3%	-1.5%	2.2%	-12.9%	-3.2%
Coke												
Avdyivka Coke	AVDK	1.50	3.70	1.43	-2.0%	-11.9%	-16.7%	-13.3%	-3.3%	-9.1%	-20.7%	-14.2%
Yasnyivsky Coking	YASK	0.25	0.84	0.19	0.0%	-16.7%	-13.8%	-10.7%	-1.3%	-13.9%	-17.8%	-11.6%
Iron Ore Mining												
Centralny GOK	CGOK	8.40	n/a	n/a	0.0%	3.7%	1.2%	7.8%	-1.3%	6.4%	-2.8%	7.0%
Ferrexpo	FXPO	54.75	180.00	47.91	-0.9%	-5.6%	8.4%	3.3%	-2.2%	-2.9%	4.4%	2.4%
Pivnichny GOK	SGOK	9.44	12.30	4.44	0.0%	-4.9%	22.6%	12.8%	-1.3%	-2.2%	18.6%	11.9%
Coal Mining												
Pokrovske Mine	SHCHZ	0.38	0.79	0.17	0.0%	8.6%	0.0%	-19.1%	-1.3%	11.3%	-4.0%	-20.0%
Pipe Manufacturing												
Khartsyzk Pipe	HRTR	0.38	1.01	0.20	0.0%	8.6%	15.2%	0.0%	-1.3%	11.3%	11.2%	-0.9%
Railcar Manufacturing												
Kryukiv Wagon	KVBZ	12.29	24.99	10.00	5.9%	-3.3%	2.4%	-4.4%	4.6%	-0.6%	-1.6%	-5.2%
Luhanskeplovoz	LTPL	1.09	1.80	0.85	0.0%	0.0%	4.8%	0.9%	-1.3%	2.7%	0.8%	0.0%
Specialized Machinery												
Motor Sich	MSICH	2555	2879	1587	0.8%	-1.2%	12.3%	2.9%	-0.5%	1.5%	8.3%	2.0%
Turboatom	TATM	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Telecom												
Ukrtelecom	UTLM	0.12	0.20	0.09	0.0%	-19.1%	-5.7%	-19.1%	-1.3%	-16.3%	-9.7%	-20.0%
Oil & Gas												
Regal Petroleum	RPT	4.32	14.13	3.13	0.0%	-0.1%	13.9%	38.1%	-1.3%	2.6%	9.9%	37.2%
JKX Oil	JKX	12.13	72.25	11.00	0.0%	-4.9%	3.2%	1.0%	-1.3%	-2.2%	-0.8%	0.2%
Ukrnafta	UNAF	240.0	375.0	54.0	1.2%	-4.5%	16.5%	18.1%	-0.1%	-1.8%	12.5%	17.2%
Power Utilities												
Centrenergo	CEEN	7.64	8.70	3.00	0.2%	-1.0%	2.3%	1.3%	-1.1%	1.8%	-1.7%	0.4%
Donbasenergo	DOEN	32.27	50.16	11.00	2.4%	-5.4%	-0.1%	-2.2%	1.1%	-2.6%	-4.1%	-3.1%
Zakhidenergo	ZAEN	135.0	199.8	80.0	0.0%	-8.8%	-11.6%	-8.8%	-1.3%	-6.1%	-15.6%	-9.7%
Consumer												
Agroton	AGT	1.37	5.48	1.19	0.0%	-4.9%	1.5%	11.4%	-1.3%	-2.1%	-2.5%	10.5%
Astarta	AST	25.65	67.50	14.50	2.6%	-1.7%	46.2%	28.3%	1.3%	1.0%	42.2%	27.4%
Avangardo	AVGR	1.89	11.69	1.89	-5.0%	-10.0%	-21.3%	-7.8%	-6.3%	-7.3%	-25.2%	-8.7%
Industrial Milk Company	IMC	6.00	12.25	5.46	7.1%	-2.3%	0.0%	5.8%	5.8%	0.5%	-4.0%	4.9%
Kernel	KER	32.26	41.90	22.00	5.6%	-1.7%	9.8%	13.4%	4.3%	1.0%	5.8%	12.5%
Mriya Agro Holding	MAYA	0.60	6.00	0.53	9.1%	1.9%	-31.8%	6.8%	7.8%	4.6%	-35.8%	5.9%
MHPC	MHPC	9.28	18.15	9.00	-0.1%	-0.1%	-0.2%	0.9%	-1.4%	2.6%	-4.2%	0.0%
Milkiland	MLK	1.50	10.48	1.48	-0.7%	-7.4%	-15.7%	1.4%	-2.0%	-4.7%	-19.7%	0.5%
Ovostar Union	OVO	72.50	92.90	59.40	0.7%	2.1%	0.7%	0.7%	-0.6%	4.8%	-3.3%	-0.2%
Chemicals												
Stirol	STIR	7.20	n/a	n/a	0.0%	-17.9%	10.8%	3.9%	-1.3%	-15.2%	6.8%	3.0%
Banks												
Raiffeisen Bank Aval	BAVL	0.092	0.190	0.089	1.2%	-3.2%	-3.4%	-4.1%	-0.1%	-0.4%	-7.3%	-4.9%
UkrSotsbank	USCB	0.130	0.202	0.090	0.0%	-0.2%	-10.5%	-0.2%	-1.3%	2.6%	-14.5%	-1.0%

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	1,729	700	346	-62	-83	-124	neg	neg	neg	-214	-158	-235	neg	neg	neg
Enakievo Steel	ENMZ	1,507	1,250	1,063	-7	45	51	neg	3.6%	4.8%	-61	-125	-59	neg	neg	neg
Azovstal	AZST	2,562	1,775	1,509	-81	152	113	neg	8.5%	7.5%	-308	35	23	neg	2.0%	1.5%
Coke																
Avdyivka Coke	AVDK	914	509	382	46	-54	-74	5.0%	neg	neg	-6	-75	-106	neg	neg	neg
Yasynivsky Coking	YASK	367	198	159	29	-4	-7	7.8%	neg	neg	-3	-13	-13	neg	neg	neg
Iron Ore Mining																
Centralny GOK	CGOK	679	611	550	312	223	165	46.0%	36.5%	30.1%	194	115	80	28.6%	18.8%	14.6%
Pivnichny GOK	SGOK	1,630	1,467	1,320	914	649	481	56.1%	44.2%	36.4%	548	324	226	33.7%	22.1%	17.2%
Ferrexpo	FXPO	1,581	1,449	1,437	506	492	349	32.0%	33.9%	24.3%	264	277	147	16.7%	19.1%	10.2%
Pipe Manufacturing																
Khartsyzk Pipe	HRTR	310	193	118	31	18	23	10.1%	9.5%	19.3%	5	3	2	1.5%	1.5%	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	86	50	10	6	10.9%	7.6%	7.5%	42	-3	-5	9.0%	neg	neg
Specialized Machinery																
Turboatom	TATM	214	149	147	90	56	47	42.1%	37.3%	32.0%	72	49	29	33.5%	33.0%	20.0%
Motor Sich	MSICH	1,000	950	950	274	260	260	27.4%	27.4%	27.4%	169	133	100	16.9%	14.0%	10.5%
Telecom																
Ukrtelecom	UTLM	791	368	290	190	105	91	24.0%	28.5%	31.5%	17	16	10	2.2%	4.3%	3.5%
Oil & Gas																
Ukrnafta	UNAF	2,589	1,808	1,059	286	160	132	11.1%	8.8%	12.5%	23	32	12	0.9%	1.8%	1.1%
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	199	150	66	68	70	36.7%	34.3%	46.7%	7	8	5	3.6%	3.9%	3.3%
Electric Utilities																
Centrenergo	CEEN	915	544	605	94	33	23	10.3%	6.1%	3.7%	60	16	9	6.5%	2.9%	1.5%
Donbasenergo	DOEN	656	391	271	72	34	13	11.0%	8.8%	4.9%	65	31	3	9.9%	7.8%	1.1%
Consumer																
MHP	MHPC	1,496	1,524	1,544	391	537	550	26.1%	35.2%	35.6%	162	-337	97	10.8%	neg	6.3%
Kernel	KER	2,797	2,393	2,900	291	223	325	10.4%	9.3%	11.2%	105	-107	170	3.8%	neg	5.9%
Astarta	AST	470	491	413	114	91	87	20.2%	15.5%	17.6%	5	-28	30	0.8%	neg	6.1%
Avangardco	AVGR	661	443	405	301	130	109	45.6%	29.3%	26.9%	238	-11	32	36.0%	neg	7.9%
Ovostar	OVO	81	75	79	36	32	25	43.7%	43.1%	31.6%	31	30	24	38.0%	40.0%	30.7%
Banks																
		Total Assets			Total Equity			Total Income			Net Profit			Return on Equity		
Raiffeisen Bank Aval	BAVL	5,333	2,869	2,765	888	441	376	723	327	276	90	-29	-41	10.1%	-6.5%	-10.9%
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	22	3.9%	1	1,371	neg	neg	neg	neg	neg	neg	0.8	2.0	4.0	354	330	321	\$/tonne
Yenakievo Steel	ENMZ	14	8.8%	1	10	neg	neg	neg	neg	0.2	0.2	0.0	0.0	0.0	4	4	3	\$/tonne
Azovstal	AZST	206	3.0%	6	195	neg	5.8	9.0	neg	1.3	1.7	0.1	0.1	0.1	42	43	43	\$/tonne
Coke																		
Avdivka Coke	AVDK	18	6.8%	1	-21	neg	neg	neg	-0.4	neg	neg	0.0	0.0	-0.1	-5	-5	-6	\$/tonne
Yasynivsky Coke	YASK	4	9.0%	0	5	neg	neg	neg	0.2	neg	neg	0.0	0.0	0.0	0.2	neg	neg	\$/tonne
Iron Ore Mining																		
Centralny GOK	CGOK	622	0.3%	2	621	3.2	5.4	7.7	2.0	2.8	3.8	0.9	1.0	1.1				
Pivnichny GOK	SGOK	1,375	0.4%	5	1,368	2.5	4.2	6.1	1.5	2.1	2.8	0.8	0.9	1.0				
Ferrexpo	FXPO	486	24.0%	117	1,180	1.8	1.8	3.3	2.3	2.4	3.4	0.7	0.8	0.8				
Pipe Manufacturing																		
Khartsyzk Pipe	HRTR	62	2.0%	1	108	13.3	21.4	26.5	3.5	5.9	4.8	0.3	0.6	0.9	172	285	270	\$/tonne
Railcar Manufacturing																		
LuganskTeplovoz	LTPL	15	24.0%	4	52	0.8	neg	n/a	1.5	neg	n/a	0.2	0.4	n/a				
Krukiv Wagon	KVBZ	89	5.0%	4	80	2.1	neg	neg	1.6	7.9	12.4	0.2	0.6	0.9				
Specialized Machinery																		
Turboatom	TATM	93	5.8%	5	47	1.3	1.9	3.2	0.5	0.8	1.0	0.2	0.3	0.3				
Motor Sich	MSICH	336	24.0%	81	328	2.0	2.5	3.4	1.2	1.3	1.3	0.3	0.3	0.3				
Telecom																		
Ukrtelecom	UTLM	146	7.2%	10	449	8.5	9.2	14.1	2.4	4.3	4.9	0.6	1.2	1.5				
Oil & Gas																		
Ukrnafta	UNAF	823	3.0%	25	818	>30	25.9	>30	2.9	5.1	6.2	0.3	0.5	0.8	n/a	n/a	n/a	\$/boe
Regal Petroleum	RPT	21	21.6%	5	-4	neg	10.5	7.0	neg	-0.3	-0.3	-0.1	-0.1	-0.1	n/a	n/a	n/a	\$/boe
JKX Oil & Gas	JKX	32	50.4%	16	140	4.9	4.0	6.3	2.1	2.1	2.0	0.8	0.7	0.9	26	19	19	\$/boe
Electric Utilities																		
CentrEnerg	CEEN	178	21.7%	39	165	3.0	11.2	20.2	1.7	4.9	7.3	0.2	0.3	0.3	9	12	10	\$/MWh
DonbasEnerg	DOEN	48	14.2%	7	93	0.7	1.6	16.4	1.3	2.7	7.0	0.1	0.2	0.3	11	12	11	\$/MWh
Consumer																		
MHP	MHPC	981	34.1%	334	2,061	6.0	neg	10.1	5.3	3.8	3.7	1.4	1.4	1.3				
Kernel	KER	687	61.8%	424	1,341	6.5	neg	4.0	4.6	6.0	4.1	0.5	0.6	0.5				
Astarta	AST	171	37.0%	63	567	>30	neg	5.7	5.0	6.2	6.5	1.2	1.2	1.4				
Avangardco	AVGR	121	22.5%	27	308	0.5	neg	3.8	1.0	2.4	2.8	0.5	0.7	0.8	70	53	50	\$/mneqgs
Ovostar	OVO	116	25.0%	29	123	3.8	3.9	4.8	3.5	3.8	4.9	1.5	1.6	1.6	n/a	n/a	n/a	
Banks																		
						P/E			P/Book			P/Assets						
Raiffeisen Bank Aval	BAVL	175	3.5%	6		2.0	neg	neg	0.2	0.4	0.5	0.03	0.06	0.06				
Ukrsotsbank	USCB	151	1.0%	2		>30	>30	>30	0.2	0.3	0.3	0.04	0.07	0.08				

Source: Eavex Research

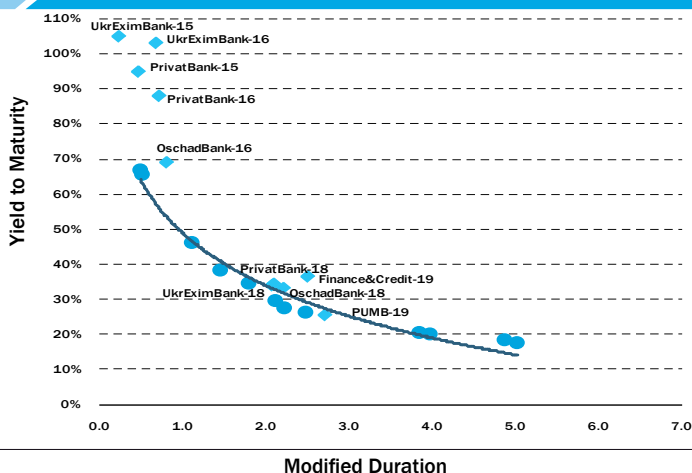
UKRAINIAN EUROBONDS

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)	64.4	73.4	82.4%	55.9%	1.3%	0.5	4.95%	A	13 Oct 2015	600*	Caa3/CCC/CCC
Ukraine, 2015	68.5	70.1	75.7%	71.1%	-1.5%	0.5	6.875%	S/A	23 Sept 2015	500	Caa3/CCC/CCC
Ukraine, 2016	58.7	59.8	40.9%	39.6%	-5.5%	1.4	6.58%	S/A	21 Nov 2016	1,000	Caa3/CCC/CCC
Ukraine, 2016-2	59.4	60.1	49.8%	48.7%	-7.7%	1.1	6.25%	S/A	17 Jun 2016	1,250	Caa3/CCC/CCC
Ukraine, 2017	58.1	62.1	29.8%	26.8%	-4.9%	2.2	6.75%	S/A	14 Nov 2017	700	Caa3/CCC/CCC
Ukraine, 2017-2	56.2	58.9	37.8%	35.3%	-7.5%	1.7	9.25%	S/A	24 Jul 2017	2,000	Caa3/CCC/CCC
Ukraine, 2017 Infr. projects	60.0	63.0	30.8%	28.5%	0.0%	2.1	8.375%	S/A	3 Nov 2017	568	Caa3//
Ukraine, 2018 Infr. projects	58.0	62.0	27.9%	25.2%	0.0%	2.5	7.40%	S/A	20 Apr 2018	690	Caa3//
Ukraine, 2020	56.0	61.0	21.5%	19.4%	-1.8%	3.8	7.75%	S/A	23 Sept 2020	1,500	Caa3/CCC/CCC
Ukraine, 2021	56.1	61.1	21.1%	19.0%	-1.4%	4.0	7.95%	S/A	23 Feb 2021	1,500	Caa3/CCC/CCC
Ukraine, 2022	54.5	59.5	19.3%	17.5%	-5.3%	4.9	7.80%	S/A	28 Nov 2022	1,250	Caa3/CCC/CCC
Ukraine, 2023	54.2	59.2	18.5%	16.8%	-4.4%	5.0	7.50%	S/A	17 Apr 2023	1,250	Caa3/CCC/CCC
Corporate Eurobonds											
Agroton, 2019	30.1	37.6	41.8%	34.3%	0.2%	3.1	8.00%	S/A	14 Jul 2019	50	//RD
MHP, 2015	94.0	97.0	34.0%	21.6%	0.5%	0.2	10.25%	S/A	29 Apr 2015	235	Caa2//CCC
MHP, 2020	66.4	68.8	18.6%	17.7%	-2.1%	3.6	8.25%	S/A	2 Apr 2020	750	/CCC/CCC
Avangardco, 2015	70.0	74.0	65.2%	55.7%	0.0%	0.6	10.00%	S/A	29 Oct 2015	200	/CCC-/
UkrLandFarming, 2018	40.0	46.0	50.7%	43.8%	-7.5%	1.9	10.88%	S/A	26 Mar 2018	500	/CCC/CCC
Mriya, 2016	11.0	15.0	347.2%	277.1%	0.0%	0.5	10.95%	S/A	30 Mar 2016	72	/SD/RD
Mriya, 2018	12.0	12.0	110.6%	110.6%	9.1%	1.5	9.45%	S/A	19 Apr 2018	400	/SD/RD
DTEK, 2015	75.0	80.0	134.9%	103.7%	0.0%	0.2	9.50%	S/A	28 Apr 2015	200	Caa2//CCC
DTEK, 2018	43.0	48.0	41.7%	36.8%	0.0%	2.2	7.88%	S/A	4 Apr 2018	750	Caa2//CCC
Metinvest, 2015	77.0	80.0	102.8%	87.8%	-2.5%	0.2	10.25%	S/A	20 May 2015	114	Caa2//CCC
Metinvest, 2017	74.0	79.0	23.5%	20.6%	9.3%	1.6	10.50%	S/A	28 Nov 2017	290	//CCC
Metinvest, 2018	50.0	53.0	37.6%	34.9%	-7.2%	2.1	8.75%	S/A	14 Feb 2018	750	Caa2//CCC
Ferrexpo, 2016	82.0	83.0	26.1%	25.0%	7.1%	1.0	7.875%	S/A	07 Apr 2016	500	/CCC/CCC
UZ Rail, 2018	40.0	45.0	46.6%	41.3%	-19.9%	2.2	9.50%	S/A	21 May 2018	500	/CCC/CCC
Interpipe, 2017	41.0	45.0	57.0%	51.5%	-21.8%	1.5	10.25%	S/A	2 Aug 2017	200	//
JKX Oil&Gas, 2018	56.2	58.5	35.9%	34.1%	-1.5%	1.5	8.00%	S/A	19 Feb 2018	40	
Bank Eurobonds											
Fin&Credit Bank, 2019	40.0	50.0	40.9%	32.4%	-45.8%	2.5	9.25%	S/A	25 Jan 2019	100	Caa3//
PUMB, 2018	62.0	67.0	26.9%	24.2%	-4.4%	2.7	11.00%	Q	31 Dec 2018	275	Caa3//
Nadra Bank, 2018	10.0	15.0		812.2%	0.0%	0.0	6.25%	A	31 Jul 2018	60	//
PrivatBank, 2015	60.0	65.0	106.8%	89.0%	0.0%	0.4	9.38%	S/A	23 Sept 2015	200	Caa3//
PrivatBank, 2016	47.0	52.0	97.0%	82.7%	0.0%	0.7	8.75%	S/A	9 Feb 2016	150	Caa3//
PrivatBank, 2018	54.0	56.5	37.0%	34.9%	-6.4%	2.0	10.88%	S/A	28 Feb 2018	175	Caa3//CCC
UkrEximBank, 2015	78.0	80.0	114.7%	102.6%	6.0%	0.2	8.38%	S/A	27 Apr 2015	750	Caa3//CCC
UkrEximBank, 2016	45.0	50.0	103.3%	88.2%	0.0%	0.7	5.79%	S/A	2 Sept 2016	125	Caa3//CCC
UkrEximBank, 2018	52.0	55.0	36.3%	33.7%	-5.3%	2.2	8.75%	S/A	22 Jan 2018	500	Caa3//CCC
VAB Bank, 2019	4.0	9.0	630.6%	290.9%	0.0%	n/a	9.00%	Q	14 Jun 2019	88	//WD
Oschadbank, 2016	55.0	60.0	73.0%	62.3%	-1.7%	0.8	8.25%	S/A	10 Mar 2016	700	Caa3//CCC
Oschadbank, 2018	53.1	55.0	34.3%	32.7%	-4.3%	2.2	8.88%	S/A	20 Mar 2018	500	Caa3//CCC
Municipal Eurobonds											
City of Kyiv, 2015	59.1	60.8	90.9%	85.9%	-17.4%	0.5	8.00%	S/A	6 Nov 2015	250	Caa3/CCC/
City of Kyiv, 2016	55.0	65.0	59.3%	44.2%	-15.1%	1.1	9.375%	S/A	30 Jun 2016	300	Caa3/CCC/

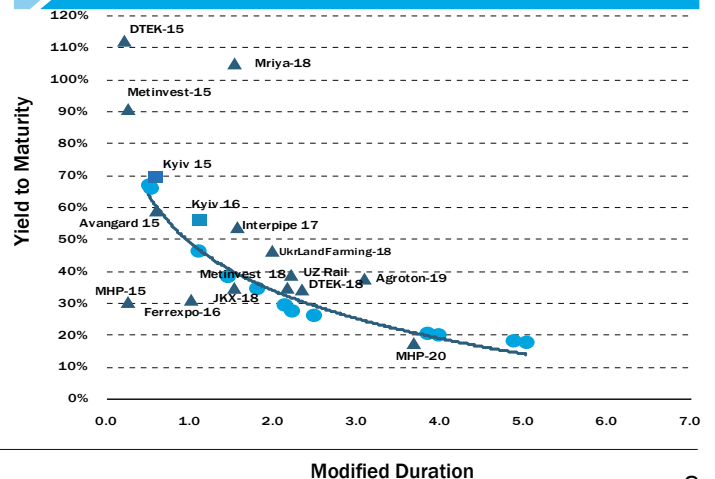
¹ Moody's/S&P/Fitch; * EUR

Source: Bloomberg, Cbonds, Eavex Research

SOVEREIGNS vs. BANKING EUROBONDS



SOVEREIGNS vs. CORPORATE and MUNICIPAL EUROBONDS



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									
UA4000141592			28%	25%	n/a	14.30%	S/A	20 May 2015	n/a
UA4000142665			28%	25%	n/a	14.30%	S/A	24 May 2017	n/a
USD denominated Bonds									
UA4000142699	n/a	n/a	14.0%	8.0%	n/a	9.45%	S/A	22 Apr 2015	n/a
UA4000141071	n/a	n/a	14.0%	8.0%	n/a	9.45%	S/A	27 May 2015	n/a
UA4000142673	n/a	n/a	14.0%	8.0%	n/a	4.50%	S/A	17 Jun 2015	n/a
EUR denominated Bonds									
UA4000142681	n/a	n/a	12.5%	8.0%	n/a	4.80%	S/A	6 May 2015	n/a
VAT Bonds									
UA4000082531			29%	25%	n/a	5.50%	S/A	21 Aug 2015	n/a
UA4000082622			29%	25%	n/a	5.50%	S/A	24 Aug 2015	n/a
UA4000083059			29%	25%	n/a	5.50%	S/A	25 Aug 2015	n/a
UA4000185151			29%	25%	1.9	9.50%	S/A	8 Jul 2019	3,577
UA4000185557			29%	25%	1.9	9.50%	S/A	22 Jul 2019	2,171
UA4000186159			29%	25%	1.9	9.50%	S/A	20 Aug 2019	955

Source: Bloomberg, Cbonds, Eavex Research

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