

Market Update

Equity

Kyiv-listed stocks finished mixed on Friday (May 8) heading into the second of three holiday weekends this month. The UX index inched down by 0.1%, closing at 1069 points. Volume leader Motor Sich (MSICH) gained 1.4% on news that Saudi Arabia and Ukraine's Antonov aircraft company are working on a deal to build cargo planes together, which could potentially bring a large order for Motor Sich's engines. Other traded UX index components saw limited action, with UkrNafta (UNAF) finishing unchanged at UAH 272 despite this week's gain in global oil prices. In London and Warsaw, where markets were open on Monday (May 11), Ferrexpo (FXPO) edged lower by half a percent to GBP 78, while low-liquidity issue Regal Petroleum slumped 19.8% to GBP 3.80. Astarta (AST) slipped 1.6% to PLN 25.70 and Kernel was little-changed just below PLN 36.

Fixed Income

Ukrainian sovereigns increased on Friday with Ukraine-23s improved by 1.3p.p. to 49.0/51.0 (21.1%/20.6%). Meanwhile, corporate names were mixed. MHP-20s inched up by 0.2p.p. to 81.7/83.0 (13.5%/13.1%) while Metinvest-18s dropped by 0.5p.p. finishing at 56.0/58.0 (34.8%/33.1%).

Volume Leaders	Ticker	Last, UAH	1D ch	Volume, UAH mn	Number of Trades
Ukrnafta	UNAF	272.00	0.0%	1.4	48
Motor Sich	MSICH	2773.00	1.5%	0.3	37
Donbasenergo	DOEN	23.49	0.3%	0.1	8

Growth Leaders

Motor Sich	MSICH	2773.00	1.5%	0.35	37
Raiffeisen Bank Aval	BAVL	0.10	0.3%	0.06	13
Donbasenergo	DOEN	23.49	0.3%	0.07	8

Loss Leaders

Alchevsk Steel	ALMK	0.02	-3.6%	0.012	25
Kryukiv Wagon	KVBZ	10.98	-2.4%	0.016	13
Avdyivka Coke	AVDK	1.36	-1.6%	0.008	23

Highlights

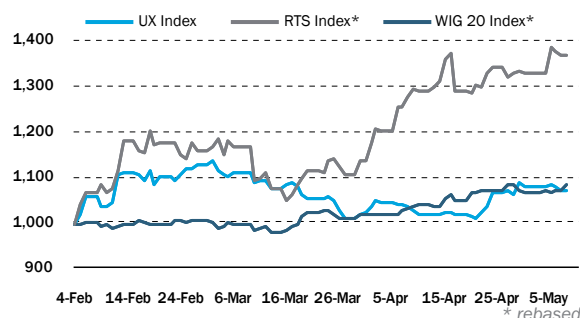
POLITICS AND ECONOMICS

- NBU Reserves Decline by USD 340mn to USD 9.6bn in April

FIXED INCOME

- Metinvest Raises Redemption to 25% in New Restructuring Offer

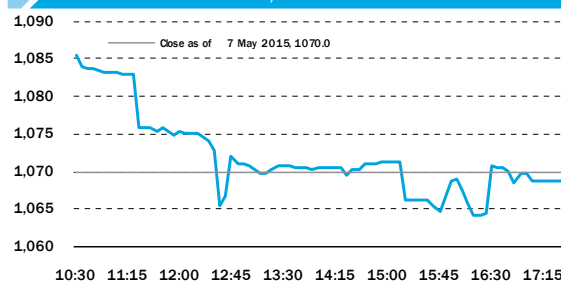
STOCK MARKET PERFORMANCE



MARKET INDEXES

	Last	1D ch	1M ch	YTD
UX	1068.8	-0.1%	3.0%	3.4%
RTS	1059.5	-0.1%	9.1%	34.0%
WIG20	2546.8	1.0%	5.2%	10.0%
MSCI EM	1034.9	1.0%	2.9%	8.2%
S&P 500	2116.1	1.3%	1.9%	2.8%

UX INTRADAY MAY 8, 2015



FIXED INCOME

	Last	1D ch	1M ch	YTD
EMBI+Global	365.8	-1.3%	-7.8%	-9.5%
CDS 5Y UKR	3884.6	0.0%	-6.2%	73.9%
Ukraine-17	42.4%	-1.7 p.p.	-9.1 p.p.	16.7 p.p.
Ferrexpo-16	28.1%	-0.3 p.p.	-3.5 p.p.	-3.2 p.p.
Ukraine-23	20.5%	-0.5 p.p.	-4.0 p.p.	13.0 p.p.
Privatbank-16	166.9%	0.8 p.p.	-108.1 p.p.	81.5 p.p.

CURRENCY

	Last, UAH	1D ch	1M ch	YTD
USD	21.00	2.3%	-10.7%	32.7%
EUR	23.53	1.8%	-7.5%	22.9%
RUB	0.41	0.9%	-3.7%	49.8%

COMMODITIES

	Last	1D ch	1M ch	YTD
Wheat, USD/t*	192.5	-4.0%	-7.0%	-21.8%
Steel, USD/t	362.5	0.0%	-4.6%	-19.4%
Oil, USD/bbl	65.4	-0.2%	8.7%	10.5%
Gold, USD/oz	1188.4	0.3%	-1.7%	0.3%

*Ukraine FOB

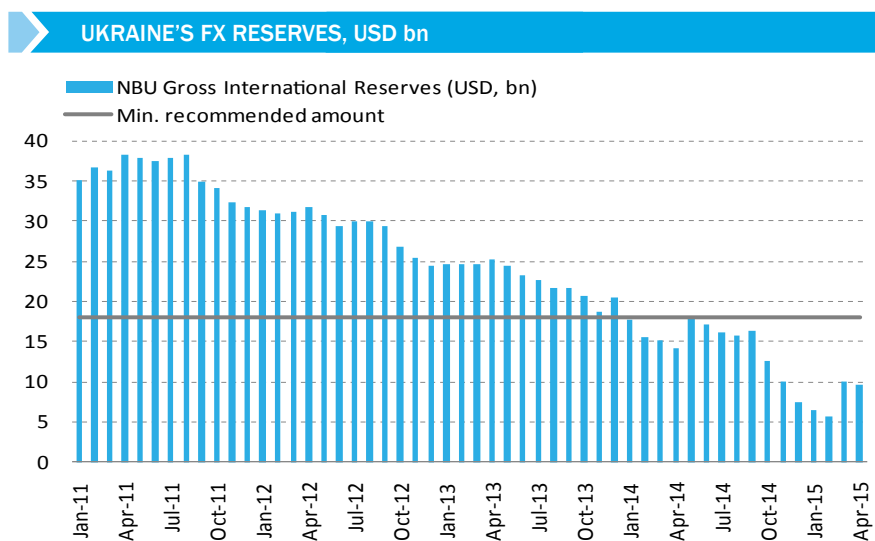
Source: Bloomberg, Ukrainian Exchange

NBU Reserves Decline by USD 340mn to USD 9.6bn in April

by Dmitry Churin
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NEWS

Ukraine's foreign currency reserves declined by USD 339mn MoM to USD 9.63bn in April, the National Bank of Ukraine (NBU) reported last week. The NBU said it sold USD 240mn on the interbank market, including USD 140mn directly to Naftogaz, in April. The central bank also reported that it bought USD 158mn from the market in the period. The main outflow of the reserves went toward servicing the government's external debt in the amount of USD 737mn, including a payment of USD 218mn to the IMF. Meanwhile, the reserves had an inflow of EUR 250mn from European Commission as part of EU assistance to Ukraine.



Source: National Bank of Ukraine

COMMENTARY

The rather moderate decline in the NBU reserves in April compared to the Oct-Feb period provided support to the hryvnia, which strengthened by 2.6% to 20.50 UAH/USD on the interbank market on Friday. Although the NBU forecasts that the reserves could reach USD 18.3bn by the year-end, we remain skeptical regarding this plan. However, we do believe that the reserves will increase above the USD 10bn level and will see a gradual inflow in 2H15.

According to our estimates, the government will need to tap about USD 800mn from the NBU reserves this month to service its foreign-currency denominated debts. Meanwhile, the Finance Ministry plans to issue Eurobonds worth USD 1bn with a US government guarantee this month that will help to improve the government's liquidity position.

Metinvest Raises Redemption to 25% in New Restructuring Offer

by Ivan Dzvinka
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NEWS

Metinvest, Ukraine's largest metals and mining holding, unveiled a new restructuring offer last Thursday to holders of its USD 113mn bonds maturing on May 20. Similarly to the previous consent solicitation from Apr 8 that was rejected, Metinvest is asking the holders to agree to a maturity extension to 31 Jan 2016 and vote for a waiver to avoid cross default for holders of its 2015/17/18 bonds. As previously, the consent "bonus" for the waiver was set at 0.25% of par and an additional 0.25% for 2015 bondholders as fee for maturity extension. The difference is that the group raised the up front principal repayment to 25% from just 10% in the previous offer. In addition, Metinvest now says that any principal amount paid to its PXF banks (pre-export facility lenders) in excess of USD 28mn before 31 Jan 2016 will trigger a proportional principal redemption to the 2015 bondholders. Metinvest's outstanding bank loans (as of Feb 28) amounted to USD 1.12bn. Also, if the total principal repayment to 2015 bondholders and/or PXF lenders as of 31 Jan 2016 exceeds USD 107mn, this will trigger a one-time fee payment of 0.25% of par to holders of the 2017 and 2018 bonds.

Metinvest set a deadline of May 29 for electronic bondholder voting on the proposal, with meetings of the 2015/17/18 bondholders expected to take place on Jun 1. The offer will take effect only if all three meetings approve the solicited amendments.

Metinvest also stated that the formation of a coordinating committee of PXF lenders was finalized last week and negotiation on a standstill and waiver agreement are in progress.

COMMENTARY

As we expected, the group decided to improve the cash amount to be redeemed in a restructuring to 25% from the previous 10%. This will significantly increase, in our view, the chances of approval from the holders. But with Metinvest's admission in the same release that it does not expect material improvement in its liquidity position before 2017, we see a high probability that redemption of the 2015 bonds in late January will be further postponed. This is especially true in light of sluggish iron ore prices and the fall in the group's tradable ore output in 1Q15.

EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
Agriculture						
Kernel	KER PW	35.9	50.2	40%	BUY	Hedging approach to making 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	11.5	17.96	56%	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 PW	25.7	36.1	40%	BUY	Astarta makes decisive moves toward business diversification (launch of soybean processing plant in early 2014) and cost optimization (launch of bioenergy complex in 2014). With no assets in the Donbass, material exposure of Astarta to UAH (50% of sales) is mostly offset with 60% of cost tied to UAH.
AvangardCo	AVGR LI	3.0	1.4	-54%	SELL	Loss of the company's output at war-hit Donbass together with UAH devaluation will lead to lower EBITDA in 2015 after a 57% plunge in 2014.
Ovostar Union	OVO PW	76.8	80.8	5%	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.
Iron Ore						
Ferrexpo	FXPO LN	78.0	48.0	-38%	SELL	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.
Steel						
Azovstal	AZST	0.85	0.56	-34%	SELL	Non-transparent reporting practices detrimentally affect Azovstal's reported earnings.
Coke						
Avdyivka Coke	AVDK	1.36	U/R	--	Susp.	Avdyivka Coke experienced several artillery attacks since August 2014 due to its location near the border of occupied territory.
Specialized Machinery						
Motor Sich	MSICH	2773	5250	89%	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	3.8	U/R	--	U/R	The company has been constantly missed production targets since 2012.
JKX Oil & Gas	JKX	30.0	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						
DonbasEnergO	DOEN	23.5	U/R	--	U/R	DNR Intends to Nationalize DonbasEnergO-Owned Power Plant. The Starobeshevo plant accounts for about 70% of DonbasEnergO's installed power-generating capacity.
CenterEnergO	CEEN	8.30	15.00	81%	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	0.098	0.24	145%	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	1068.82	1368.76	908.88	-0.1%	-0.8%	3.0%	3.4%	0.0%	0.0%	0.0%	0.0%
Steel												
Alchevsk Steel	ALMK	0.016	0.045	0.011	-3.6%	1.3%	22.0%	11.0%	-3.5%	2.1%	19.0%	7.6%
Azovstal	AZST	0.85	0.95	0.35	-1.2%	-2.0%	5.1%	13.7%	-1.1%	-1.2%	2.1%	10.3%
Enakievo Steel	ENMZ	18.58	65.00	14.81	3.0%	3.2%	7.4%	-11.3%	3.1%	4.0%	4.4%	-14.8%
Coke												
Avdyivka Coke	AVDK	1.36	3.62	1.10	-2.6%	-0.1%	-1.6%	-21.5%	-2.5%	0.7%	-4.6%	-24.9%
Yasynivsky Coking	YASK	0.27	0.84	0.18	0.0%	0.0%	-10.0%	-3.6%	0.1%	0.8%	-13.0%	-7.0%
Iron Ore Mining												
Centralny GOK	CGOK	8.39	n/a	n/a	0.0%	0.0%	-4.7%	7.7%	0.1%	0.8%	-7.6%	4.3%
Ferrexpo	FXPO	78.50	148.80	47.91	4.7%	1.3%	20.8%	48.1%	4.8%	2.1%	17.8%	44.7%
Pivnichny GOK	SGOK	8.20	12.30	4.44	0.0%	0.0%	3.8%	-2.0%	0.1%	0.8%	0.8%	-5.5%
Coal Mining												
Pokrovske Mine	SHCHZ	0.33	0.79	0.17	0.0%	0.0%	-31.3%	-29.8%	0.1%	0.8%	-34.2%	-33.2%
Pipe Manufacturing												
Khartsyzk Pipe	HRTR	0.30	1.01	0.20	0.0%	0.0%	-25.0%	-21.1%	0.1%	0.8%	-28.0%	-24.5%
Railcar Manufacturing												
Kryukiv Wagon	KVBZ	10.98	21.60	9.73	-2.9%	-6.5%	-2.2%	-14.6%	-2.8%	-5.7%	-5.2%	-18.0%
Luhanskteplovoz	LTPL	1.20	1.80	0.85	0.0%	0.0%	-20.0%	11.1%	0.1%	0.8%	-23.0%	7.7%
Specialized Machinery												
Motor Sich	MSICH	2773	2939	1706	1.5%	-0.2%	7.0%	11.7%	1.6%	0.6%	4.0%	8.2%
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	0.20	0.21	0.09	0.0%	22.9%	-2.2%	28.3%	0.1%	23.7%	-5.2%	24.9%
Oil & Gas												
Regal Petroleum	RPT	4.75	9.38	3.13	0.0%	18.6%	-0.1%	51.8%	0.1%	19.4%	-3.1%	48.4%
JKX Oil	JKX	30.00	62.00	11.00	0.0%	1.7%	-3.2%	150.0%	0.1%	2.5%	-6.2%	146.6%
Ukrnafta	UNAF	272.0	375.0	54.0	0.0%	0.2%	-8.9%	33.8%	0.1%	1.0%	-11.9%	30.4%
Power Utilities												
Centrenergo	CEEN	8.30	8.70	3.00	-0.3%	0.6%	3.6%	10.1%	-0.2%	1.5%	0.6%	6.6%
Donbasenergo	DOEN	23.49	48.98	11.00	0.3%	0.0%	3.3%	-28.8%	0.4%	0.9%	0.3%	-32.3%
Zakhidenergo	ZAEN	150.0	199.8	91.2	0.0%	0.0%	-13.8%	1.3%	0.1%	0.8%	-16.8%	-2.2%
Consumer												
Agroton	AGT	1.06	3.19	1.05	-0.9%	-3.6%	-5.4%	-13.8%	-0.8%	-2.8%	-8.3%	-17.3%
Astarta	AST	26.13	47.95	14.50	-0.6%	8.4%	19.2%	30.7%	-0.5%	9.2%	16.2%	27.2%
Avangardo	AVGR	2.70	10.27	1.83	8.0%	8.0%	1.9%	31.7%	8.1%	8.8%	-1.1%	28.3%
Industrial Milk Company	IMC	5.05	10.39	5.00	-1.0%	-2.7%	-2.5%	-10.9%	-0.9%	-1.9%	-5.5%	-14.4%
Kernel	KER	35.75	39.25	22.00	1.1%	2.6%	-6.1%	25.6%	1.2%	3.4%	-9.1%	22.2%
Mriya Agro Holding	MAYA	0.15	5.25	0.05	-6.3%	-11.8%	-67.4%	-73.3%	-6.1%	-10.9%	-70.4%	-76.7%
MHPC	MHPC	11.50	15.77	8.24	0.0%	0.0%	9.5%	25.0%	0.1%	0.8%	6.5%	21.6%
Milkiland	MLK	2.49	7.57	1.48	1.6%	-7.8%	6.9%	68.2%	1.7%	-7.0%	3.9%	64.8%
Ovostar Union	OVO	75.00	76.00	64.00	-0.7%	0.7%	7.2%	4.2%	-0.6%	1.5%	4.2%	0.7%
Chemicals												
Stirol	STIR	5.50	n/a	n/a	0.0%	-0.2%	-38.7%	-20.6%	0.1%	0.6%	-41.7%	-24.1%
Banks												
Raiffeisen Bank Aval	BAVL	0.098	0.190	0.086	0.3%	-1.3%	0.6%	2.0%	0.4%	-0.5%	-2.4%	-1.5%
UkrSotsbank	USCB	0.114	0.200	0.090	-0.1%	0.8%	4.0%	-12.1%	0.0%	1.6%	1.0%	-15.6%

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																
Luhanskeplovov	LTPL	329	127	n/a	36	-2	n/a	10.8%	neg	n/a	19	-16	n/a	5.9%	neg	n/a
Kryukiv Wagon	KVBZ	462	133	67	50	-6	5	10.9%	neg	7.5%	42	-23	-4	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	1,152	286	380	219	11.1%	16.4%	19.0%	23	105	115	0.9%	4.5%	10.0%
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	1,544	391	555	550	26.1%	40.2%	35.6%	162	-412	97	10.8%	neg	6.3%
Kernel	KER	2,797	2,393	2,250	291	223	325	10.4%	9.3%	14.4%	105	-107	125	3.8%	neg	5.6%
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	132	149	132	1	-42	-14	0.1%	-8.0%	-3.9%

Source: Eavex Research

MAIN TRADING MULTIPLES

Ticker	MCap USD mn	Free Float % USD mn	EV USD mn	P/E			EV/EBITDA			EV/Sales			EV/Output			Units		
				2013	2014E	2015E	2013	2014E	2015E	2013	2014E	2015E	2013	2014E	2015E			
Steel																		
Alchevsk Steel	ALMK	20	3.9%	1	2,633	neg	neg	neg	neg	neg	neg	1.5	3.8	9.4	681	635	616	\$/tonne
Yenakievo Steel	ENMZ	9	8.8%	1	7	neg	neg	0.4	neg	1.2	0.2	0.0	0.0	0.0	3	3	2	\$/tonne
Azovstal	AZST	170	3.0%	5	163	neg	2.2	2.6	neg	0.9	1.3	0.1	0.1	0.1	36	36	36	\$/tonne
Coke																		
Avdivka Coke	AVDK	13	6.8%	1	-27	neg	neg	neg	-0.6	neg	neg	0.0	-0.1	-0.1	-6	-7	-7	\$/tonne
Yasynivsky Coke	YASK	4	9.0%	0	4	neg	neg	neg	0.2	neg	neg	0.0	0.0	0.0	0.2	neg	neg	\$/tonne
Iron Ore Mining																		
Centralny GOK	CGOK	468	0.3%	1	467	2.4	4.1	5.8	1.5	2.1	2.9	0.7	0.8	0.8				
Pivnichny GOK	SGOK	900	0.4%	4	893	1.6	2.8	4.0	1.0	1.4	1.9	0.5	0.6	0.7				
Ferrexpo	FXPO	715	24.0%	172	1,394	2.7	3.9	7.3	2.8	2.8	5.4	0.9	1.0	1.3				
Pipe Manufacturing																		
Khartsyzk Pipe	HRTR	37	2.0%	1	83	7.9	1.6	20.1	2.6	1.9	4.7	0.3	0.4	0.9	132	218	207	\$/tonne
Railcar Manufacturing																		
LuganskTeplovoz	LTPL	13	24.0%	3	50	0.6	neg	n/a	1.4	neg	n/a	0.2	0.4	n/a				
Krukiv Wagon	KVBZ	60	5.0%	3	54	1.4	neg	neg	1.1	neg	10.8	0.1	0.4	0.8				
Specialized Machinery																		
Turboatom	TATM	70	5.8%	4	40	1.0	1.3	3.1	0.4	0.5	1.1	0.2	0.2	0.4				
Motor Sich	MSICH	274	24.0%	66	248	1.7	2.1	3.0	0.6	0.7	1.1	0.2	0.3	0.4				
Telecom																		
Ukrtelecom	UTLM	174	7.2%	13	264	neg	9.6	19.1	neg	3.1	3.7	0.3	0.6	1.1				
Oil & Gas																		
Ukrnafta	UNAF	702	3.0%	21	711	>30	6.7	6.1	2.5	1.9	3.2	0.3	0.3	0.6	n/a	n/a	n/a	\$/boe
Regal Petroleum	RPT	24	21.6%	5	-1	neg	11.8	7.9	neg	-0.1	-0.1	0.0	0.0	0.0	n/a	n/a	n/a	\$/boe
JKX Oil & Gas	JKX	80	50.4%	40	189	12.3	neg	16.0	2.8	2.7	2.7	1.0	1.3	1.3	34	26	25	\$/boe
Electric Utilities																		
CentrEnerg	CEEN	146	21.7%	32	160	2.4	24.8	neg	1.7	6.2	neg	0.2	0.3	0.5	9	12	10	\$/MWh
DonbasEnerg	DOEN	26	14.2%	4	57	0.4	3.1	neg	0.8	2.9	neg	0.1	0.1	0.3	7	7	7	\$/MWh
Consumer																		
MHP	MHPC	1,215	34.1%	414	2,353	7.5	neg	12.5	6.0	4.2	4.3	1.6	1.7	1.5				
Kernel	KER	779	61.8%	481	1,514	7.4	neg	6.2	5.2	6.8	4.7	0.5	0.6	0.7				
Astarta	AST	179	37.0%	66	426	5.2	neg	neg	4.7	3.0	4.4	0.9	1.0	1.2				
Avangardco	AVGR	172	22.5%	39	399	0.7	neg	neg	1.3	3.1	4.2	0.6	1.0	1.1	90	69	65	\$/mneqgs
Ovostar	OVO	123	25.0%	31	130	4.0	4.8	5.1	3.7	4.5	5.2	1.6	1.7	1.6	n/a	n/a	n/a	
Banks																		
						P/E			P/Book			P/Assets						
Raiffeisen Bank Aval	BAVL	140	3.5%	5		1.6	neg	neg	0.2	0.4	0.5	0.03	0.05	0.06				
Ukrsotsbank	USCB	100	1.0%	1		>30	>30	>30	0.1	0.2	0.3	0.02	0.03	0.04				

Source: Eavex Research

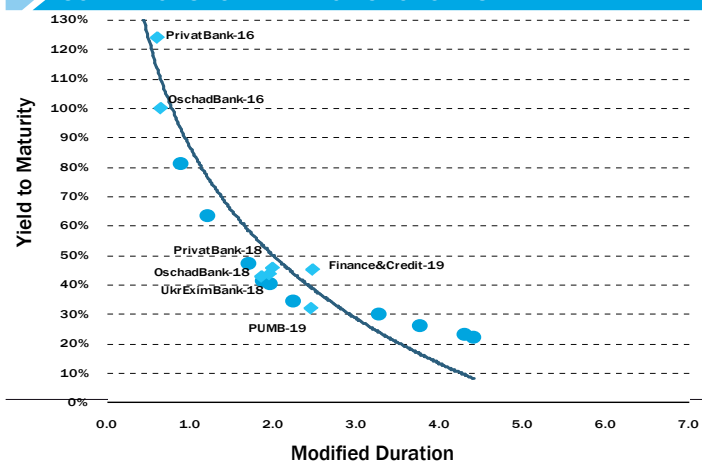
UKRAINIAN EUROBONDS

Issue	Price (Bid)	Price (Ask)	YTM (Bid)	YTM (Ask)	Price chg. (YTD)	Modified Duration	Coupon	Coupon Period	Maturity Date	Volume USD mn	Ratings ¹
Sovereign Eurobonds											
Ukraine, 2015 (EUR)	45.0	47.0	282.7%	261.9%	-32.3%	0.2	4.95%	A	13 Oct 2015	600*	Ca/CC/CC
Ukraine, 2015	52.0	53.4	265.5%	249.8%	-25.2%	0.2	6.875%	S/A	23 Sept 2015	500	Ca/CC/CC
Ukraine, 2016	48.1	49.2	65.7%	63.4%	-22.4%	1.0	6.58%	S/A	21 Nov 2016	1,000	Ca/CC/CC
Ukraine, 2016-2	48.0	49.1	90.4%	87.2%	-25.1%	0.7	6.25%	S/A	17 Jun 2016	1,250	Ca/CC/CC
Ukraine, 2017	47.3	48.8	43.2%	41.6%	-24.1%	1.9	6.75%	S/A	14 Nov 2017	700	Ca/CC/CC
Ukraine, 2017-2	46.0	47.0	53.9%	52.5%	-25.3%	1.5	9.25%	S/A	24 Jul 2017	2,000	Ca/CC/CC
Ukraine, 2017 Infr. projects	45.8	47.3	48.2%	46.3%	-24.4%	1.8	8.375%	S/A	3 Nov 2017	568	Ca//
Ukraine, 2018 Infr. projects	44.8	46.3	41.7%	40.1%	-24.2%	2.1	7.40%	S/A	20 Apr 2018	690	Ca//
Ukraine, 2020	46.0	48.5	27.6%	26.1%	-20.7%	3.5	7.75%	S/A	23 Sept 2020	1,500	Ca/CC/CC
Ukraine, 2021	47.3	48.3	26.1%	25.5%	-19.6%	3.6	7.95%	S/A	23 Feb 2021	1,500	Ca/CC/CC
Ukraine, 2022	48.0	49.0	22.4%	21.9%	-19.4%	4.2	7.80%	S/A	28 Nov 2022	1,250	Ca/CC/CC
Ukraine, 2023	49.0	51.0	21.1%	20.6%	-15.7%	4.7	7.50%	S/A	17 Apr 2023	1,250	Ca/CC/CC
Corporate Eurobonds											
Agroton, 2019	30.0	35.1	46.5%	40.4%	-3.7%	2.6	8.00%	S/A	14 Jul 2019	50	//RD
MHP, 2020	81.7	83.0	13.5%	13.1%	19.3%	3.7	8.25%	S/A	2 Apr 2020	750	/CCC/CC
Avangardco, 2015	58.0	58.0	169.0%	169.0%	-10.1%	0.3	10.00%	S/A	29 Oct 2015	200	/CCC-
UkrLandFarming, 2018	50.0	53.0	42.6%	39.6%	10.7%	2.0	10.88%	S/A	26 Mar 2018	500	/CC/
Mriya, 2016	11.0	14.0	519.0%	427.3%	-3.8%	0.3	10.95%	S/A	30 Mar 2016	72	/SD/RD
Mriya, 2018	11.0	14.0	120.4%	104.4%	-3.8%	1.6	9.45%	S/A	19 Apr 2018	400	/SD/RD
DTEK, 2018	45.0	48.0	47.3%	44.0%	0.0%	1.9	10.375%	S/A	28 Mar 2018	160	//C
DTEK, 2018	44.0	47.0	43.8%	40.6%	0.0%	2.0	7.88%	S/A	4 Apr 2018	750	Caa3//C
Metinvest, 2015	66.0	69.0	n/a	n/a	-16.1%	0.0	10.25%	S/A	20 May 2015	114	Caa3//RD
Metinvest, 2017	57.0	60.0	38.4%	35.7%	-16.4%	1.2	10.50%	S/A	28 Nov 2017	290	//RD
Metinvest, 2018	56.0	58.0	34.8%	33.1%	2.7%	2.0	8.75%	S/A	14 Feb 2018	750	Caa3//RD
Ferrexpo, 2016	83.5	86.0	30.0%	26.2%	10.0%	0.8	7.88%	S/A	07 Apr 2016	286	Caa3/CCC/CC
Ferrexpo, 2019	81.3	84.1	17.1%	16.0%	n/a	2.6	10.38%	S/A	07 Apr 2019	161	Caa3/CCC/CC
UZ Rail, 2018	56.0	58.1	33.8%	32.2%	7.5%	2.1	9.50%	S/A	21 May 2018	500	/CCC/CC
Interpipe, 2017	25.0	35.0	108.2%	79.2%	-45.5%	1.2	10.25%	S/A	2 Aug 2017	200	//
JKX Oil&Gas, 2018	70.9	74.4	27.9%	25.7%	24.8%	1.4	8.00%	S/A	19 Feb 2018	40	
Bank Eurobonds											
Fin&Credit Bank, 2019	20.0	30.0	76.2%	55.7%	-69.9%	2.0	9.25%	S/A	25 Jan 2019	100	Ca//
PUMB, 2018	51.0	54.0	35.5%	33.3%	-22.2%	1.9	11.00%	Q	31 Dec 2018	275	Ca//
Nadra Bank, 2018	7.0	12.0	n/a	n/a	-24.0%	0.1	6.25%	A	31 Jul 2018	60	//
PrivatBank, 2015	64.0	69.0	165.9%	134.6%	6.4%	0.2	9.38%	S/A	23 Sept 2015	200	Ca//
PrivatBank, 2016	40.0	45.0	182.2%	153.0%	-14.1%	0.4	8.75%	S/A	9 Feb 2016	150	Ca//
PrivatBank, 2018	65.1	68.8	30.2%	27.6%	0.5%	2.1	10.88%	S/A	28 Feb 2018	175	Ca//CC
UkrEximBank, 2015	74.5	77.5	n/a	n/a	-1.9%	0.2	8.38%	S/A	27 Apr 2015	750	Ca//CC
UkrEximBank, 2016	48.0	51.0	138.0%	124.4%	4.2%	0.4	5.79%	S/A	2 Sept 2016	125	Ca//CC
UkrEximBank, 2018	68.0	70.0	26.0%	24.6%	22.1%	2.1	8.75%	S/A	22 Jan 2018	500	Ca//CC
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	67.5	70.0	64.5%	58.7%	17.5%	0.6	8.25%	S/A	10 Mar 2016	700	Ca//CC
Oschadbank, 2018	67.0	70.0	25.9%	23.9%	21.3%	2.2	8.88%	S/A	20 Mar 2018	500	Ca//CC
Municipal Eurobonds											
City of Kyiv, 2015	48.1	49.8	239.2%	224.7%	-32.5%	0.2	8.00%	S/A	6 Nov 2015	250	Ca/CC/
City of Kyiv, 2016	47.5	49.8	91.2%	85.3%	-31.2%	0.7	9.375%	S/A	30 Jun 2016	300	Ca/CC/

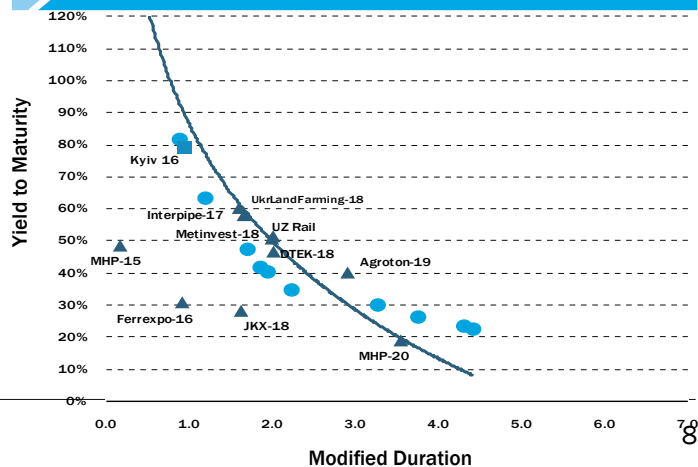
¹ Moody's/S&P/Fitch; * EUR

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					n/a	14.30%	S/A	20 May 2015	n/a
UA4000142665			27%	24%	n/a	14.30%	S/A	24 May 2017	n/a
USD denominated Bonds									
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			27%	24%	n/a	5.50%	S/A	21 Aug 2015	n/a
UA4000082622			27%	24%	n/a	5.50%	S/A	24 Aug 2015	n/a
UA4000083059			27%	24%	n/a	5.50%	S/A	25 Aug 2015	n/a
UA4000185151			27%	24%	1.9	9.50%	S/A	8 Jul 2019	3,577
UA4000185557			27%	24%	1.9	9.50%	S/A	22 Jul 2019	2,171
UA4000186159			27%	24%	1.9	9.50%	S/A	20 Aug 2019	955

Source: Bloomberg, Cbonds, Eavex Research

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