

**Market Update**

**Equity**

Ukrainian stocks listed in Kyiv rose for the third consecutive trading session on Tuesday (Jun 9), with the UX index climbing back to 1017 points but still remaining in the red for the last two-week period. Motor Sich (MSICH) added 0.8% to UAH 2724 per share and UkrNafta (UNAF) rose 1.1% to UAH 271. Meanwhile DonbasEnergo (DOEN) remained under pressure, dropping half a percent to UAH 21.50. The most-reported local news of the day was an intense fire at an oil storage depot south of Kyiv, which may have been due to some type of sabotage. In London trading, Ferrexpo (FXPO) inched down 1.0% to Gbp 75.25 while JXX Oil&Gas (JKX) was unchanged at Gbp 29.00. Warsaw-listed Kernel (KER) shed 0.4% to close at PLN 38.16 and Astarta (AST) lost 0.9%, ending at PLN 27.95.

**Fixed Income**

Ukrainian benchmark sovereigns were higher again on Tuesday, with Ukraine-23s increasing by 1.0p.p. to 59.5/60.5 (17.0%/16.7%). Corporate names saw limited action. MHP-20s inched up by 0.1p.p. to 83.6/85.0 (13.0%/12.5%) while Ferrexpo-16s declined by 0.5p.p. to 93.0/95.0 (17.3%/14.5%).

Volume Leaders	Ticker	Last, UAH	1D ch	Volume, UAH mn	Number of Trades
Centrenergo	CEEN	7.83	0.9%	0.9	52
Ukrnafta	UNAF	271.00	1.1%	0.4	36
Motor Sich	MSICH	2724.00	0.8%	0.4	20

**Growth Leaders**

Kryukiv Wagon	KVBZ	10.88	4.7%	0.08	7
Ukrnafta	UNAF	271.00	1.1%	0.39	36
Centrenergo	CEEN	7.83	0.9%	0.89	52

**Loss Leaders**

Donbasenergo	DOEN	21.70	-0.5%	0.125	20
Raiffeisen Bank Aval	BAVL	0.09	-0.3%	0.134	22
Yenakievo Steel	ENMZ	17.49	0.6%	0.120	18

**Highlights**

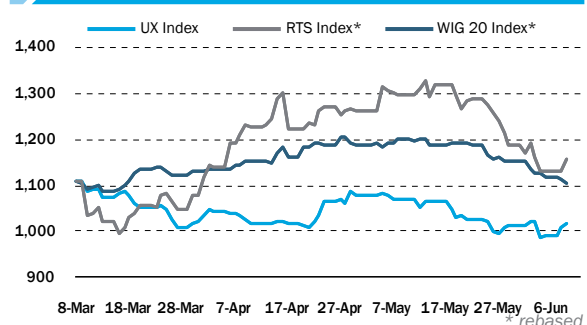
**STOCKS IN THE NEWS**

- > Ferrexpo Has Sold Its Stake in Brazil Iron Ore Miner

**FIXED INCOME**

- > Metinvest Sets Jun 26 For New Bondholder Meeting Date
- > UkrEximBank Asks Creditors to Agree 7-Year Bond Extension

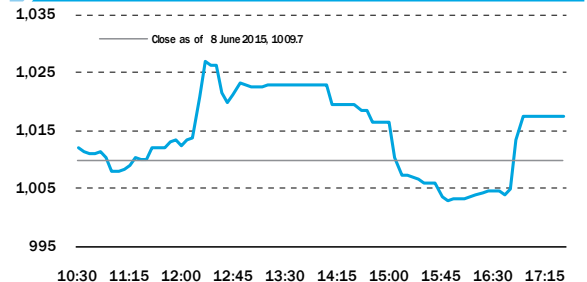
**STOCK MARKET PERFORMANCE**



**MARKET INDEXES**

	Last	1D ch	1M ch	YTD
UX	1017.4	0.8%	-4.8%	-1.5%
RTS	943.5	2.2%	-10.9%	19.3%
WIG20	2338.7	-0.7%	-8.2%	1.0%
MSCI EM	971.1	-0.6%	-6.2%	1.5%
S&P 500	2080.2	0.0%	-1.7%	1.0%

**UX INTRADAY JUNE 9, 2015**



**FIXED INCOME**

	Last	1D ch	1M ch	YTD
EMBI+Global	385.0	-0.1%	5.2%	-4.8%
CDS 5Y UKR	2600.0	2.0%	-13.3%	18.2%
Ukraine-17	37.6%	-0.5 p.p.	-4.8 p.p.	11.9 p.p.
Ferrexpo-16	15.9%	0.7 p.p.	-12.2 p.p.	-15.4 p.p.
Ukraine-23	16.9%	-0.3 p.p.	-4.0 p.p.	9.4 p.p.
Privatbank-16	158.5%	0.8 p.p.	-8.4 p.p.	73.1 p.p.

**CURRENCY**

	Last, UAH	1D ch	1M ch	YTD
USD	21.21	0.4%	1.0%	34.0%
EUR	23.93	0.3%	1.7%	25.0%
RUB	0.38	1.4%	-7.1%	39.2%

**COMMODITIES**

	Last	1D ch	1M ch	YTD
Wheat, USD/t*	204.2	0.0%	6.1%	-17.0%
Steel, USD/t	370.0	0.0%	2.1%	-17.8%
Oil, USD/bbl	64.9	3.5%	-1.9%	9.6%
Gold, USD/oz	1176.8	0.2%	-1.0%	-0.7%

\*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

## Ferrexpo Has Sold Its Stake in Brazil Iron Ore Miner

by Ivan Dzvinka  
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### FERREXPO (FXPO LN)

Price: GBp 75.25 Market Cap: USD 675mn

	EV/S	P/E	EV/EBITDA	Div. Yield
2014	1.0	3.7	2.8	11%
2015E	1.3	6.9	5.3	11%

### NEWS

Ferrexpo, Ukraine's largest iron ore pellet exporter, has completed the sale of its minority (15.5%) stake in Brazil-based iron ore miner Ferrous Resources, the company reported on Tuesday (Jun 9). The proceeds for Ferrexpo from the deal amounted to USD 41.8mn.

### COMMENTARY

The sale has already been largely digested due the announcement about the deal in late April. A cash injection of some USD 42mn is a helpful step for Ferrexpo in the current low iron ore pricing environment. In addition, this amount will also increase the company's bottom line for 1H15, since Ferrexpo had fully impaired its investment in Ferrous as of 30 September 2014.

## Metinvest Sets Jun 26 For New Bondholder Meeting Date

by Ivan Dzvinka  
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### NEWS

Metinvest, Ukraine's largest metals and mining holding, has adjourned a meeting of the holders of its 2015 bonds to Jun 26, the company reported on Tuesday (Jun 9). The adjournment of the meeting resulted from a lack of bondholder quorum on Jun 1. As previously, the topic of the meeting will be postponing the redemption of 75% of Metinvest's outstanding 2015 bonds (USD 85.3mn out of USD 113.7mn) until [at least] 31 Jan 2016. Metinvest says 25% of par of the 2015 bonds (USD 28.4mn) are to be repaid within three days after the meeting. The bonds were due on May 20 but Metinvest failed to redeem them.

### COMMENTARY

Given that a legal loophole puts the required quorum of the adjourned meeting at only 25% (in contrast to 75% for the initial meeting), the probability of receiving the quorum is now rather high. But for the resolution to be approved, at least holders of 75% of par of the participants at the meeting must vote for the approval. It is natural to expect that those bondholders [not less than 25%] who blocked the quorum on Jun 1 will now participate in the upcoming meeting to vote against the restructuring. In this case, the risk of a failure to pass remains substantial.

## UkrEximBank Asks Creditors to Agree 7-Year Bond Extension

by Dmitry Churin  
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### NEWS

Government-owned export-import bank UkrEximBank has asked its creditors to agree to a 7-year maturity extension for the bank's outstanding Eurobonds, according to a consent solicitation released on the London Stock Exchange on Monday (Jun 8). The bank set a Jul 3 deadline for voting on the proposal and announced a bondholder meeting for Jul 7 at the offices of White&Case LLP in London. The quorum requires not less than two-thirds of the aggregate principal amount of the bonds. To be passed, the resolution should be supported by a majority of not less than three-quarters of the votes cast.

UkrEximBank previously announced its proposed terms for the restructuring in late May (please see our daily as of May 28). The bank is asking holders to exchange the existing bonds for new ones with a 7-year maturity extension, amortized redemption, a coupon increase, and no haircut of the principal amount.

UkrExim said that it has reached a preliminary agreement with a creditor group holding near 30% on the bank's outstanding Eurobonds.

### COMMENTARY

In our view, UkrEximBank's bond restructuring offer is good enough in Ukraine's current economic conditions to be supported by creditors. Nevertheless, there is no certainty that the bond exchange will run smoothly, and we assume that there will be some holdouts among the bonds' owners. In case the bondholders meeting will not have the required quorum, there will be an adjourned meeting on Jul 21.

We estimate that the effective yield for UkrEximBank-15s bonds after the planned restructuring under the proposed terms will be 16.4%, taking into account their current price of 80 cents. For UkrEximBank-16s, we estimate the effective yield under the proposed terms at 18.5% given the current price of 65 cents, and for UkrEximBank-18s the yield will be 15.8% based on the current price of 77.5 cents.

## EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
<b>Agriculture</b>						
Kernel	KER PW	38.2	56.50	48%	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	11.0	15.32	39%	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 landbank in Ukraine to 500,000 ha in the medium term from the current 290,000 ha.
Astarta	AST PW	28.4	36.1	27%	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	1.8	1.4	-22%	SELL	Lost 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	80.0	80.8	1%	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.
<b>Iron Ore</b>						
Ferrexpo	FXPO LN	75.3	48.0	-36%	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.
<b>Steel</b>						
Azovstal	AZST	0.80	0.56	-30%	SELL	Non-transparent reporting practices detrimentally affect Azovstal's reported earnings.
<b>Coke</b>						
Avdyivka Coke	AVDK	1.16	U/R	--	Susp.	Avdyivka Coke experienced several artillery attacks since August 2014 due to its location near the border of occupied territory.
<b>Specialized Machinery</b>						
Motor Sich	MSICH	2724	5250	93%	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%.
<b>Oil &amp; Gas</b>						
Concern Galnaftogaz	GLNG	0.15	0.24	60%	BUY	Galnaftogaz is pursuing a plan to aggressively expand its filling station network.
Regal Petroleum	RPT	5.0	U/R	--	U/R	The company has been constantly missed production targets since 2012.
JKX Oil & Gas	JKX	30.5	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.
<b>Power Utilities</b>						
DonbasEnergO	DOEN	21.7	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	7.83	15.00	92%	BUY	CentrEnergO's privatization has been postponed, but the company retains a strong fundamental value due to its large installed electricity generation capacity.
<b>Banks</b>						
Raiffeisen Bank Aval	BAVL	0.090	0.24	167%	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	1017.41	1368.76	908.88	0.8%	-0.5%	-4.8%	-1.5%	0.0%	0.0%	0.0%	0.0%
<b>Steel</b>												
Alchevsk Steel	ALMK	0.014	0.045	0.011	0.0%	-1.4%	-11.2%	-1.4%	-0.8%	-0.9%	-6.4%	0.2%
Azovstal	AZST	0.80	0.95	0.35	0.4%	-2.5%	-6.1%	6.7%	-0.4%	-2.0%	-1.3%	8.2%
Enakievo Steel	ENMZ	17.49	65.00	14.51	0.6%	2.0%	-5.9%	-16.5%	-0.2%	2.4%	-1.1%	-15.0%
<b>Coke</b>												
Avdyivka Coke	AVDK	1.16	3.62	0.86	0.6%	-1.0%	-14.7%	-33.1%	-0.2%	-0.6%	-9.9%	-31.5%
Yasynivsky Coking	YASK	0.24	0.84	0.18	0.0%	-7.7%	-11.1%	-14.3%	-0.8%	-7.2%	-6.3%	-12.7%
<b>Iron Ore Mining</b>												
Centralny GOK	CGOK	5.75	n/a	n/a	0.0%	-0.9%	-31.5%	-26.2%	-0.8%	-0.4%	-26.7%	-24.6%
Ferrexpo	FXPO	75.25	143.00	47.91	-1.0%	-2.3%	-4.1%	42.0%	-1.7%	-1.8%	0.7%	43.5%
Pivnichny GOK	SGOK	6.90	12.30	4.44	0.0%	-8.0%	-15.9%	-17.6%	-0.8%	-7.5%	-11.0%	-16.0%
<b>Coal Mining</b>												
Pokrovske Mine	SHCHZ	0.39	0.79	0.17	0.0%	0.0%	18.2%	-17.0%	-0.8%	0.5%	23.0%	-15.5%
<b>Pipe Manufacturing</b>												
Khartsyzk Pipe	HRTR	0.22	1.01	0.20	4.8%	4.8%	-26.7%	-42.1%	4.0%	5.2%	-21.9%	-40.6%
<b>Railcar Manufacturing</b>												
Kryukiv Wagon	KVBZ	10.88	21.60	9.50	4.7%	2.6%	-0.9%	-15.3%	4.0%	3.1%	3.9%	-13.8%
Luhanskeplovoz	LTPL	1.10	1.80	0.85	0.0%	0.0%	-8.3%	1.9%	-0.8%	0.5%	-3.5%	3.4%
<b>Specialized Machinery</b>												
Motor Sich	MSICH	2724	2939	1970	0.9%	0.4%	-1.8%	9.7%	0.1%	0.9%	3.0%	11.2%
Turboatom	TATM	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<b>Telecom</b>												
Ukrtelecom	UTLM	0.18	0.21	0.10	0.0%	0.0%	-7.7%	18.4%	-0.8%	0.5%	-2.9%	20.0%
<b>Oil &amp; Gas</b>												
Regal Petroleum	RPT	5.00	9.25	3.13	8.4%	8.0%	5.3%	59.8%	7.6%	8.5%	10.1%	61.4%
JKX Oil	JKX	29.00	62.00	11.00	0.0%	-1.7%	-3.3%	141.7%	-0.8%	-1.2%	1.5%	143.2%
Ukrnafta	UNAF	271.0	375.0	54.0	1.1%	-0.5%	-0.4%	33.3%	0.4%	-0.1%	4.4%	34.8%
<b>Power Utilities</b>												
Centrenergo	CEEN	7.83	8.70	3.00	0.9%	0.4%	-5.7%	3.8%	0.1%	0.9%	-0.9%	5.3%
Donbasenergo	DOEN	21.70	46.00	11.00	0.5%	-7.6%	-7.6%	-34.2%	-0.3%	-7.2%	-2.8%	-32.7%
Zakhidenergo	ZAEN	156.0	199.8	91.2	0.6%	-6.0%	4.0%	5.3%	-0.2%	-5.6%	8.8%	6.9%
<b>Consumer</b>												
Agroton	AGT	0.97	3.19	0.95	1.0%	-1.0%	-8.5%	-21.1%	0.3%	-0.6%	-3.7%	-19.6%
Astarta	AST	28.44	47.95	14.50	0.9%	0.1%	8.8%	42.2%	0.1%	0.6%	13.7%	43.7%
Avangardo	AVGR	1.76	10.27	1.52	9.3%	1.7%	-34.8%	-14.1%	8.6%	2.2%	-30.0%	-12.6%
Industrial Milk Company	IMC	4.55	10.39	4.38	n/a	1.1%	-9.9%	-19.8%	n/a	1.6%	-5.1%	-18.2%
Kernel	KER	38.16	39.25	22.00	-0.4%	-1.6%	6.7%	34.1%	-1.1%	-1.2%	11.6%	35.6%
Mriya Agro Holding	MAYA	0.16	4.73	0.05	0.0%	0.0%	6.7%	-71.5%	-0.8%	0.5%	11.5%	-70.0%
MHPC	MHPC	11.00	15.60	8.24	0.5%	0.5%	-4.3%	19.6%	-0.3%	0.9%	0.5%	21.1%
Milkiland	MLK	2.05	7.57	1.48	n/a	-6.8%	-17.7%	38.5%	n/a	-6.4%	-12.9%	40.1%
Ovostar Union	OVO	80.00	83.00	67.00	-2.2%	0.0%	6.7%	11.1%	-3.0%	0.5%	11.5%	12.6%
<b>Chemicals</b>												
Stirol	STIR	6.25	18.00	4.02	0.0%	4.5%	13.6%	-9.8%	-0.8%	5.0%	18.4%	-8.3%
<b>Banks</b>												
Raiffeisen Bank Aval	BAVL	0.090	0.170	0.086	0.6%	0.0%	-8.1%	-6.3%	-0.2%	0.5%	-3.3%	-4.7%
UkrSotsbank	USCB	0.092	0.200	0.085	-8.1%	-13.7%	-19.7%	-29.4%	-8.9%	-13.3%	-14.9%	-27.9%

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
<b>Steel</b>																
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%
<b>Coke</b>																
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
<b>Iron Ore Mining</b>																
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%
<b>Pipe Manufacturing</b>																
Khartsyzk Pipe	HRTR	310	193	92	31	43	18	10.1%	22.6%	19.3%	5	23	2	1.5%	11.7%	2.0%
<b>Railcar Manufacturing</b>																
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	-4	10.9%	neg	neg	42	-23	-9	9.0%	neg	neg
<b>Specialized Machinery</b>																
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%
<b>Telecom</b>																
Ukrtelecom	UTLM	796	412	251	-199	85	72	neg	20.6%	28.5%	-279	18	9	neg	4.4%	3.6%
<b>Oil &amp; Gas</b>																
Ukrnafta	UNAF	2,589	2,324	1,336	286	380	359	11.1%	16.4%	26.9%	23	105	171	0.9%	4.5%	12.8%
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%
<b>Electric Utilities</b>																
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
<b>Consumer</b>																
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%
<b>Banks</b>																
		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			
<b>Steel</b>																		
Alchevsk Steel	ALMK	17	3.9%	1	2,631	neg	neg	neg	neg	neg	neg	1.5	3.8	9.4	680	634	616	\$/tonne
Yenakievo Steel	ENMZ	9	8.8%	1	7	neg	neg	0.4	neg	1.1	0.2	0.0	0.0	0.0	2	2	2	\$/tonne
Azovstal	AZST	158	3.0%	5	151	neg	2.0	2.4	neg	0.8	1.2	0.1	0.1	0.1	33	34	33	\$/tonne
<b>Coke</b>																		
Avdivka Coke	AVDK	11	6.8%	1	-28	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
<b>Iron Ore Mining</b>																		
Centralny GOK	CGOK	318	0.3%	1	316	1.6	2.8	4.0	1.0	1.4	2.0	0.5	0.5	0.6				
Pivnichny GOK	SGOK	750	0.4%	3	743	1.4	2.3	3.3	0.8	1.1	1.6	0.5	0.5	0.6				
Ferrexpo	FXPO	679	24.0%	163	1,374	2.6	3.7	7.0	2.7	2.8	5.4	0.9	1.0	1.3				
<b>Pipe Manufacturing</b>																		
Khartsyzk Pipe	HRTR	27	2.0%	1	73	5.7	1.2	14.6	2.3	1.7	4.1	0.2	0.4	0.8	115	191	182	\$/tonne
<b>Railcar Manufacturing</b>																		
LuganskTeplovoz	LTPL	11	24.0%	3	49	0.6	neg	n/a	1.4	neg	n/a	0.1	0.4	n/a				
Krukiv Wagon	KVBZ	59	5.0%	3	52	1.4	neg	neg	1.0	neg	neg	0.1	0.4	0.8				
<b>Specialized Machinery</b>																		
Turboatom	TATM	70	5.8%	4	39	1.0	1.3	3.1	0.4	0.5	1.1	0.2	0.2	0.3				
Motor Sich	MSICH	267	24.0%	64	242	1.6	2.1	2.9	0.6	0.7	1.1	0.2	0.3	0.4				
<b>Telecom</b>																		
Ukrtelecom	UTLM	159	7.2%	11	250	neg	8.8	17.5	neg	2.9	3.5	0.3	0.6	1.0				
<b>Oil &amp; Gas</b>																		
Ukrnafta	UNAF	693	3.0%	21	701	29.7	6.6	4.1	2.4	1.8	2.0	0.3	0.3	0.5	n/a	n/a	n/a	\$/boe
Regal Petroleum	RPT	25	21.6%	5	0	neg	12.3	8.2	neg	0.0	0.0	0.0	0.0	0.0	n/a	n/a	n/a	\$/boe
JKX Oil & Gas	JKX	77	50.4%	39	185	11.8	neg	15.3	2.8	2.7	2.6	1.0	1.3	1.2	34	25	25	\$/boe
<b>Electric Utilities</b>																		
CentrEnerg	CEEN	136	21.7%	30	150	2.3	23.2	neg	1.6	5.8	neg	0.2	0.2	0.5	8	11	9	\$/MWh
DonbasEnerg	DOEN	24	14.2%	3	58	0.4	2.9	neg	0.8	2.9	neg	0.1	0.1	0.3	7	7	7	\$/MWh
<b>Consumer</b>																		
MHP	MHPC	1,162	34.1%	396	2,300	7.2	neg	>30	5.9	4.1	4.4	1.5	1.7	2.0				
Kernel	KER	824	61.8%	509	1,300	7.9	neg	8.3	4.5	5.8	3.1	0.5	0.5	0.6				
Astarta	AST	193	37.0%	71	403	5.7	neg	neg	4.4	2.8	4.1	0.8	1.0	1.2				
Avangardco	AVGR	112	22.5%	25	339	0.5	neg	neg	1.1	2.6	3.6	0.5	0.8	0.9	77	58	55	\$/mneqgs
Ovostar	OVO	130	25.0%	33	139	4.2	5.0	5.4	3.9	4.8	5.5	1.7	1.9	1.8	n/a	n/a	n/a	
<b>Banks</b>																		
						P/E			P/Book			P/Assets						
Raiffeisen Bank Aval	BAVL	127	3.5%	4		1.4	neg	neg	0.1	0.3	0.4	0.02	0.04	0.06				
Ukrsotsbank	USCB	80	1.0%	1		>30	>30	>30	0.1	0.2	0.2	0.02	0.03	0.04				

Source: Eavex Research



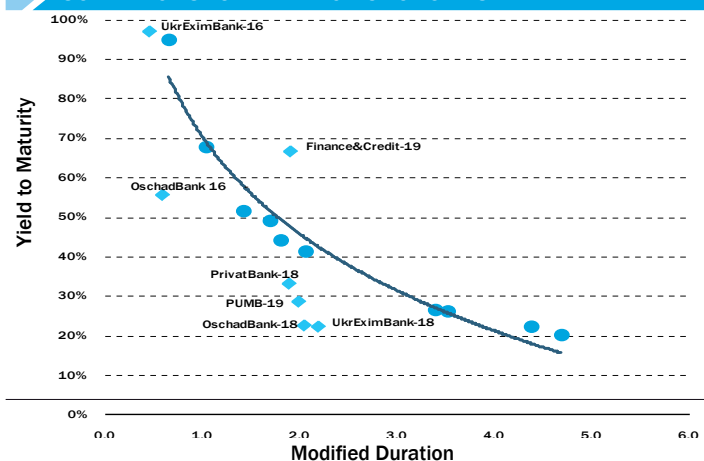
### UKRAINIAN EURO BONDS

Issue	Price (Bid)	Price (Ask)	YTM (Bid)	YTM (Ask)	Price chg. (YTD)	Modified Duration	Coupon	Coupon Period	Maturity Date	Volume USD mn	Ratings <sup>1</sup>
<b>Sovereign Eurobonds</b>											
Ukraine, 2015 (EUR)	54.9	55.9	237.0%	228.0%	-18.5%	0.2	4.95%	A	13 Oct 2015	600*	Ca/CC/CC
Ukraine, 2015	54.8	56.2	306.2%	289.9%	-21.0%	0.2	6.875%	S/A	23 Sept 2015	500	Ca/CC/CC
Ukraine, 2016	51.7	52.8	62.1%	60.2%	-16.6%	1.0	6.58%	S/A	21 Nov 2016	1,000	Ca/CC/CC
Ukraine, 2016-2	51.5	52.5	87.8%	85.2%	-19.8%	0.7	6.25%	S/A	17 Jun 2016	1,250	Ca/CC/CC
Ukraine, 2017	52.8	54.3	38.4%	36.9%	-15.4%	1.8	6.75%	S/A	14 Nov 2017	700	Ca/CC/CC
Ukraine, 2017-2	52.3	53.3	47.2%	46.0%	-15.2%	1.5	9.25%	S/A	24 Jul 2017	2,000	Ca/CC/CC
Ukraine, 2017 Infr. projects	51.5	52.8	42.6%	41.2%	-15.2%	1.7	8.375%	S/A	3 Nov 2017	568	Ca//
Ukraine, 2018 Infr. projects	51.5	52.6	35.9%	34.8%	-13.2%	2.1	7.40%	S/A	20 Apr 2018	690	Ca//
Ukraine, 2020	52.3	53.3	24.2%	23.7%	-11.5%	3.5	7.75%	S/A	23 Sept 2020	1,500	Ca/CC/CC
Ukraine, 2021	53.5	54.5	23.0%	22.5%	-9.1%	3.7	7.95%	S/A	23 Feb 2021	1,500	Ca/CC/CC
Ukraine, 2022	53.0	54.0	20.3%	19.9%	-11.1%	4.6	7.80%	S/A	28 Nov 2022	1,250	Ca/CC/CC
Ukraine, 2023	59.5	60.5	17.0%	16.7%	1.1%	5.0	7.50%	S/A	17 Apr 2023	1,250	Ca/CC/CC
<b>Corporate Eurobonds</b>											
Agroton, 2019	30.1	39.3	47.8%	37.3%	2.6%	2.7	8.00%	S/A	14 Jul 2019	50	//RD
MHP, 2020	83.4	85.0	13.0%	12.5%	22.0%	3.7	8.25%	S/A	2 Apr 2020	750	/CCC-/CCC
Avangardco, 2015	50.0	50.0	271.1%	271.1%	-22.5%	0.2	10.00%	S/A	29 Oct 2015	200	//WD
UkrLandFarming, 2018	49.5	49.5	43.6%	43.6%	6.4%	1.8	10.88%	S/A	26 Mar 2018	500	/CC/WD
Mriya, 2016	15.0	18.0	473.9%	401.6%	26.9%	0.3	10.95%	S/A	30 Mar 2016	72	/SD/RD
Mriya, 2018	15.0	18.0	104.3%	92.6%	26.9%	1.6	9.45%	S/A	19 Apr 2018	400	/SD/RD
DTEK, 2018	47.0	50.0	45.9%	42.6%	n/a	1.9	10.375%	S/A	28 Mar 2018	160	Ca//C
DTEK, 2018	46.0	49.0	42.5%	39.4%	4.4%	2.0	7.88%	S/A	4 Apr 2018	750	Ca//C
Metinvest, 2015	67.1	70.1	n/a	n/a	-14.8%	n/a	10.25%	S/A	20 May 2015	114	Caa3//C
Metinvest, 2017	61.0	64.0	35.5%	32.9%	-10.7%	1.2	10.50%	S/A	28 Nov 2017	290	Caa3//C
Metinvest, 2018	58.0	61.0	33.8%	31.3%	7.1%	1.9	8.75%	S/A	14 Feb 2018	750	Caa3//C
Ferrexpo, 2016	93.0	95.0	17.3%	14.5%	22.1%	0.7	7.88%	S/A	07 Apr 2016	286	Caa3/CCC/C
Ferrexpo, 2019	85.9	89.2	15.4%	14.1%	n/a	2.6	10.38%	S/A	07 Apr 2019	161	Caa3/CCC/C
UZ Rail, 2018	64.0	66.7	28.3%	26.5%	23.2%	2.2	9.50%	S/A	21 May 2018	500	/CC/C
Interpipe, 2017	25.0	35.0	116.5%	84.6%	-45.5%	1.2	10.25%	S/A	2 Aug 2017	200	//
JKX Oil&Gas, 2018	70.6	74.4	28.7%	26.3%	24.5%	1.4	8.00%	S/A	19 Feb 2018	40	
<b>Bank Eurobonds</b>											
Fin&Credit Bank, 2019	23.0	30.0	69.9%	56.6%	-68.1%	1.9	9.25%	S/A	25 Jan 2019	100	//
PUMB, 2018	53.0	56.0	34.4%	32.2%	-19.3%	1.9	11.00%	Q	31 Dec 2018	275	WR//NR
Nadra Bank, 2018	7.0	12.0	n/a	n/a	-24.0%	0.1	6.25%	A	31 Jul 2018	60	//
PrivatBank, 2015	65.0	67.0	198.3%	182.3%	5.6%	0.2	9.38%	S/A	23 Sept 2015	200	Cau//CC
PrivatBank, 2016	47.0	49.0	164.2%	153.0%	-3.0%	0.4	8.75%	S/A	9 Feb 2016	150	Cau//CC
PrivatBank, 2018	65.0	70.0	30.8%	27.2%	1.4%	2.0	10.88%	S/A	28 Feb 2018	175	Cau//CC
UkrEximBank, 2015	77.0	80.0	n/a	n/a	1.3%	0.1	8.38%	S/A	27 Jul 2015	750	WR//C
UkrEximBank, 2016	62.0	65.0	95.5%	85.1%	33.7%	0.4	5.79%	S/A	2 Sept 2016	125	Ca//C
UkrEximBank, 2018	76.0	77.5	21.1%	20.2%	35.8%	2.1	8.75%	S/A	22 Jan 2018	600	Ca//C
VAB Bank, 2019	2.0	6.0	n/a	n/a	-38.5%	n/a	9.00%	Q	14 Jun 2019	88	//WD
Oschadbank, 2016	74.0	77.0	55.0%	48.3%	29.1%	0.6	8.25%	S/A	10 Mar 2016	700	Ca//CC
Oschadbank, 2018	73.9	76.7	21.9%	20.2%	33.4%	2.2	8.88%	S/A	20 Mar 2018	500	Ca//CC
<b>Municipal Eurobonds</b>											
City of Kyiv, 2015	51.8	54.3	243.5%	221.1%	-26.9%	0.2	8.00%	S/A	6 Nov 2015	250	Ca/CC/CC
City of Kyiv, 2016	50.0	53.0	90.9%	83.0%	-27.2%	0.7	9.375%	S/A	30 Jun 2016	300	Ca/CC/CC

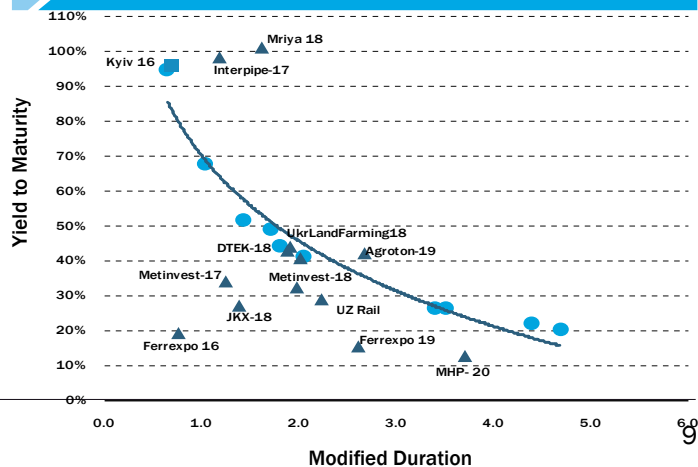
<sup>1</sup> Moody's/S&P/Fitch; \* EUR

Source: Bloomberg, Cbonds, Eavex Research

### SOVEREIGNS vs. BANKING EURO BONDS



### SOVEREIGNS vs. CORPORATE and MUNICIPAL EURO BONDS



**UKRAINIAN DOMESTIC BONDS**

Issue	Price (Bid)	Price (Ask)	YTM (Bid)	YTM (Ask)	Modified Duration	Coupon	Coupon Period	Maturity Date	Volume mn UAH
<b>UAH denominated Bonds</b>									
UA4000142665			25%	20%	n/a	14.30%	S/A	24 May 2017	n/a
<b>USD denominated Bonds</b>									
UA4000142673	n/a	n/a	14.0%	8.0%	n/a	4.50%	S/A	17 Jun 2015	n/a
<b>VAT Bonds</b>									
UA4000082531			25%	22%	n/a	5.50%	S/A	21 Aug 2015	n/a
UA4000082622			25%	22%	n/a	5.50%	S/A	24 Aug 2015	n/a
UA4000083059			25%	22%	n/a	5.50%	S/A	25 Aug 2015	n/a
UA4000185151			25%	22%	1.9	9.50%	S/A	8 Jul 2019	3,577
UA4000185557			25%	22%	1.9	9.50%	S/A	22 Jul 2019	2,171
UA4000186159			25%	22%	1.9	9.50%	S/A	20 Aug 2019	955

Source: Bloomberg, Cbonds, Eavex Research

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