

**Market Update**

**Equity**

Kyiv-listed stocks finished lower on Wednesday (Jul 1) with the UX index declining 1.3% to close at 1013 points, as it appeared that Ukraine's decision to suspend imports of Russian gas was negatively viewed by market participants. On the other hand, if Kyiv ultimately manages receive better gas pricing terms, it should be a growth driver for the local market. In the steel sector, Azovstal (AZST) fell 1.6% to 78 kopecks. Heavyweight Motor Sich (MSICH) lost most of its recent gains, sliding 3.4% to end back below UAH 2800 per share. On the upside, UkrNafta (UNAF) rose 1.6% to UAH 294. In second-division stocks, sporadically traded Bogdan Motors (LUAZ) rose 2.6% from its previous listed price after news that the company will present a new city bus at the Bus World 2015 international exhibition. In London trading, Ferrexpo (FXPO) edged up 0.4% to Gbp 66.75, while Warsaw-listed Kernel (KER) added 1.4% to PLN 38.30.

**Fixed Income**

Ukrainian benchmark sovereigns were lower on Wednesday despite news that Finance Minister Natalia Jaresko will rejoin restructuring talks with creditors next week in a confidential format. Ukraine-23s slipped by 0.5p.p. to 52.8/53.8 (19.9%/19.5%). Corporate debt names were mixed. UkrLandFarming-18s declined by 1.3p.p. to 46.0/48.0 (48.6%/46.3%) while Metinvest-18s improved by 1.7p.p. to 57.5/59.0 (34.8%/33.5%).

Volume Leaders	Ticker	Last, UAH	1D ch	Volume, UAH mn	Number of Trades
Centrenergo	CEEN	7.73	-0.1%	1.0	59
Ukrnafta	UNAF	294.20	1.6%	0.8	48
Motor Sich	MSICH	2720.00	-3.4%	0.5	29

**Growth Leaders**

Dniproenergo	DNEN	449.80	7.0%	0.01	9
Ukrnafta	UNAF	294.20	1.6%	0.85	48
Avdyivka Coke	AVDK	1.15	0.4%	0.00	8

**Loss Leaders**

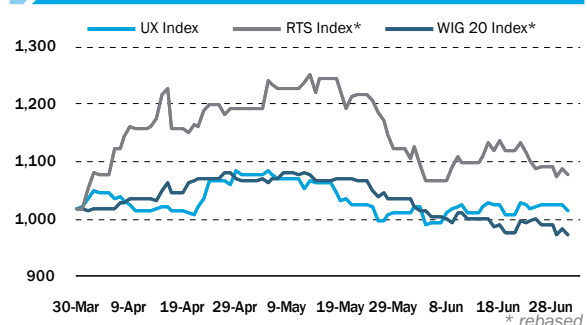
Motor Sich	MSICH	2,720.00	-3.4%	0.549	29
Kryukiv Wagon	KVBZ	10.02	-1.8%	0.017	7
Azovstal	AZST	0.78	-1.6%	0.008	10

**Highlights**

**POLITICS AND ECONOMICS**

- > Kyiv Halts Russian Gas Purchases With No 3Q Deal in Place

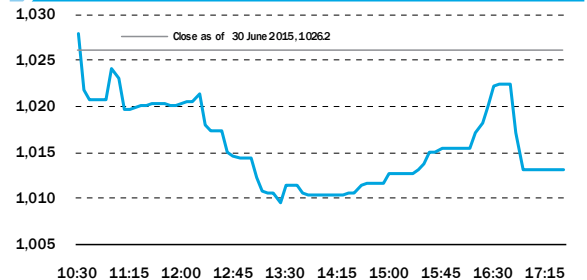
**STOCK MARKET PERFORMANCE**



**MARKET INDEXES**

	Last	1D ch	1M ch	YTD
UX	1013.1	-1.3%	0.2%	-2.0%
RTS	930.7	-1.0%	-3.9%	17.7%
WIG20	2293.0	-1.1%	-5.9%	-1.0%
MSCI EM	971.9	0.0%	-3.2%	1.6%
S&P 500	2077.4	0.7%	-1.4%	0.9%

**UX INTRADAY JULY 1, 2015**



**FIXED INCOME**

	Last	1D ch	1M ch	YTD
EMBI+Global	382.9	-2.3%	0.7%	-5.3%
CDS 5Y UKR	3050.0	0.0%	1.7%	38.6%
Ukraine-17	41.9%	-0.4 p.p.	-2.4 p.p.	16.3 p.p.
Ferrexpo-16	18.2%	-1.4 p.p.	-1.0 p.p.	-13.2 p.p.
Ukraine-23	19.4%	0.2 p.p.	-1.0 p.p.	11.9 p.p.
Privatbank-16	116.8%	-81.9 p.p.	-37.3 p.p.	31.4 p.p.

**CURRENCY**

	Last, UAH	1D ch	1M ch	YTD
USD	21.01	0.0%	-0.2%	32.8%
EUR	23.23	-0.9%	0.5%	21.4%
RUB	0.38	-0.9%	-6.4%	37.0%

**COMMODITIES**

	Last	1D ch	1M ch	YTD
Wheat, USD/t*	206.3	0.0%	13.2%	-16.2%
Steel, USD/t	362.5	0.0%	-0.7%	-19.4%
Oil, USD/bbl	62.0	-2.5%	-6.2%	4.8%
Gold, USD/oz	1168.8	-0.3%	-1.8%	-1.4%

\*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

## Kyiv Halts Russian Gas Purchases With No 3Q Deal in Place

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### NEWS

Ukraine's state-run natural gas monopoly Naftogaz suspended purchases of natural gas from Russian Gazprom starting from Jul 1, following the expiration of the second-quarter gas package and the absence of agreed supply conditions for the upcoming months, the company said on its official website on Wednesday (Jul 1). The delivery of Russian gas via Ukraine to Gazprom's clients in the EU and Turkey will continue in full in accordance with the existing transit contract, Naftogaz said.

This is the second time in less than a year that Russian fuel supplies have stopped running to Ukraine, as a similar situation existed last summer before the EU-brokered "winter deal" was signed last October. Kyiv and Moscow failed to reach a new pricing agreement at talks in Vienna on Tuesday (Jun 30), after the offered price of USD 247 per 1,000 cubic meters (cu-m) by Gazprom was called as non-transparent and unfair by Kyiv. Ukraine's Energy Minister Volodymyr Demchyshin said he expects the next round of talks in September.

### COMMENTARY

Although the same situation existed last summer when Ukraine chose to wait out the third quarter without Russian gas ahead of the 4Q start to the heating season, this year the pricing terms are going to be much more favorable for Kyiv, and we would expect an agreement to be more easily reached.

The ongoing issue at stake is that Russia employs complex pricing formulas which vary from country to country and are tied to the global price of oil with various lag times. The opaque system is being challenged both by the central European authorities in Brussels and a growing list of EU state gas firms.

The offered price of USD 247 per 1,000 cu-m for 3Q15 represents a figure determined by the controversial contract signed in 2009 and includes a USD 40 "discount" which Russia had the right to offer or withhold at its discretion. Meanwhile Ukraine is seeking for a longer-term solution to the Russian gas import issue, which it expects to include terms for fuel imports through the end of the next winter season, rather than a temporary contract for 3Q15.

Kyiv is trying to increase gas supplies from the EU. In particular, the pipeline for deliveries of EU gas to Ukraine has been upgraded, with Slovakia's link now having the potential to supply around 20% of Ukraine's annual gas consumption in the event of a Russian supply cutoff. In our view, the reverse flows from Slovakia, along with existing pipelines from Hungary and Poland, could ultimately cover Ukraine's medium-term gas import needs. Therefore, we consider the latest pricing dispute with Russia as a demonstration of Kyiv's strategy to obtain a fair deal with its 'energy superpower' neighbor Russia, the world's largest oil and natural gas producer after Saudi Arabia.

## EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
<b>Agriculture</b>						
Kernel	KER PW	38.3	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	10.1	15.32	52%	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	29.5	36.1	22%	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	1.2	1.4	12%	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	78.5	80.8	3%	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	66.5	48.0	-28%	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	0.78	0.56	-29%	SELL	Non-transparent reporting practices detrimentally affect Azovstal's reported earnings.
<b>Coke</b>						
Avdyivka Coke	AVDK	1.15	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	2720	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	4.7	U/R	--	U/R	The company has been constantly missed 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.
<b>Power Utilities</b>						
DonbasEnerg	DOEN	21.9	U/R	--	U/R	DNR Intends to Nationalize DonbasEnerg-Owned Power Plant. The Starobeshevo plant accounts for about 70% of DonbasEnerg's installed power-generating capacity.
CenterEnerg	CEEN	7.73	15.00	94%	BUY	CentrEnerg'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	165%	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	1013.07	1368.76	908.88	-1.3%	-0.5%	0.2%	-2.0%	0.0%	0.0%	0.0%	0.0%
<b>Steel</b>												
Alchevsk Steel	ALMK	0.013	0.040	0.010	-2.2%	0.0%	-6.4%	-9.7%	-1.0%	0.5%	-6.6%	-7.7%
Azovstal	AZST	0.78	0.95	0.35	-1.6%	-1.1%	-0.8%	5.2%	-0.4%	-0.7%	-0.9%	7.2%
Enakievo Steel	ENMZ	17.00	65.00	14.03	-1.4%	0.1%	8.1%	-18.9%	-0.2%	0.6%	7.9%	-16.9%
<b>Coke</b>												
Avdyivka Coke	AVDK	1.15	3.62	0.86	-0.4%	0.6%	-1.6%	-33.8%	0.8%	1.1%	-1.8%	-31.9%
Yasnyivsky Coking	YASK	0.26	0.80	0.18	4.0%	4.0%	0.0%	-7.1%	5.3%	4.5%	-0.2%	-5.2%
<b>Iron Ore Mining</b>												
Centralny GOK	CGOK	6.66	n/a	n/a	0.0%	4.1%	14.8%	-14.5%	1.3%	4.5%	14.6%	-12.5%
Ferrexpo	FXPO	66.50	143.00	47.91	0.0%	-5.3%	-10.7%	25.5%	1.3%	-4.9%	-10.9%	27.4%
Pivnichny GOK	SGOK	6.85	12.30	4.44	0.0%	2.2%	-10.9%	-18.2%	1.3%	2.7%	-11.1%	-16.2%
<b>Coal Mining</b>												
Pokrovske Mine	SHCHZ	0.21	0.79	0.17	0.0%	0.0%	-36.4%	-55.3%	1.3%	0.5%	-36.5%	-53.4%
<b>Pipe Manufacturing</b>												
Khartsyzk Pipe	HRTR	0.21	0.88	0.20	0.0%	-8.7%	0.0%	-44.7%	1.3%	-8.2%	-0.2%	-42.8%
<b>Railcar Manufacturing</b>												
Kryukiv Wagon	KVBZ	10.02	19.80	9.15	-1.9%	-1.2%	-1.2%	-22.0%	-0.6%	-0.7%	-1.4%	-20.1%
Luhanskeplovoz	LTPL	1.10	1.80	0.85	0.0%	0.0%	4.8%	1.9%	1.3%	0.5%	4.6%	3.8%
<b>Specialized Machinery</b>												
Motor Sich	MSICH	2720	2939	1970	-3.4%	-2.5%	0.0%	9.5%	-2.2%	-2.0%	-0.2%	11.5%
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	0.17	0.21	0.10	0.0%	-8.3%	-8.3%	8.6%	1.3%	-7.8%	-8.5%	10.5%
<b>Oil &amp; Gas</b>												
Regal Petroleum	RPT	4.75	9.25	3.13	-0.5%	0.0%	5.4%	51.8%	0.8%	0.5%	5.3%	53.8%
JKX Oil	JKX	27.50	58.25	11.00	0.0%	-1.8%	-10.6%	129.2%	1.3%	-1.3%	-10.8%	131.1%
Ukrnafta	UNAF	294.2	375.0	54.0	1.4%	4.0%	9.4%	44.7%	2.7%	4.4%	9.2%	46.7%
<b>Power Utilities</b>												
Centrenergo	CEEN	7.73	8.70	3.70	-0.2%	-0.3%	-0.4%	2.5%	1.1%	0.1%	-0.6%	4.5%
Donbasenergo	DOEN	21.85	46.00	11.00	-1.1%	-1.8%	-4.2%	-33.8%	0.1%	-1.3%	-4.3%	-31.8%
Zakhidenergo	ZAEN	167.0	199.8	91.2	0.0%	0.0%	0.6%	12.8%	1.3%	0.5%	0.4%	14.7%
<b>Consumer</b>												
Agroton	AGT	1.14	3.06	0.95	0.9%	0.0%	14.0%	-7.3%	2.2%	0.5%	13.8%	-5.4%
Astarta	AST	29.50	44.29	14.50	-4.8%	-4.8%	5.4%	47.5%	-3.6%	-4.4%	5.2%	49.5%
Avangardo	AVGR	1.23	10.27	1.10	11.4%	-11.9%	-44.3%	-40.2%	12.6%	-11.4%	-44.5%	-38.3%
Industrial Milk Company	IMC	4.50	10.35	4.38	n/a	-0.2%	2.3%	-20.6%	n/a	0.2%	2.1%	-18.7%
Kernel	KER	38.29	39.25	22.00	1.4%	-1.3%	-0.5%	34.5%	2.7%	-0.8%	-0.7%	36.5%
Mriya Agro Holding	MAYA	n/a	4.73	0.05	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MHPC	MHPC	10.10	15.60	8.24	0.0%	-3.8%	-7.8%	9.8%	1.3%	-3.3%	-7.9%	11.7%
Milkiland	MLK	1.55	7.01	1.48	n/a	-6.1%	-30.8%	4.7%	n/a	-5.6%	-31.0%	6.7%
Ovostar Union	OVO	78.50	83.00	67.00	0.0%	-0.6%	-1.9%	9.0%	1.3%	-0.2%	-2.1%	11.0%
<b>Chemicals</b>												
Stirol	STIR	6.99	18.00	4.02	0.0%	11.8%	16.9%	0.9%	1.3%	12.3%	16.7%	2.8%
<b>Banks</b>												
Raiffeisen Bank Aval	BAVL	0.090	0.150	0.086	-1.6%	1.2%	-0.6%	-5.8%	-0.4%	1.7%	-0.7%	-3.9%
UkrSotsbank	USCB	0.083	0.197	0.064	0.0%	0.0%	-22.1%	-36.3%	1.3%	0.5%	-22.2%	-34.3%

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>																
Centrenerg	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	16	3.9%	1	2,630	neg	neg	neg	neg	neg	neg	1.5	3.8	9.4	680	634	615	\$/tonne
Yenakievo Steel	ENMZ	9	8.8%	1	6	neg	neg	0.4	neg	1.1	0.2	0.0	0.0	0.0	2	2	2	\$/tonne
Azovstal	AZST	157	3.0%	5	151	neg	2.0	2.4	neg	0.8	1.2	0.1	0.1	0.1	33	33	33	\$/tonne
<b>Coke</b>																		
Avdyivka 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	371	0.3%	1	370	1.9	3.2	4.6	1.2	1.7	2.3	0.5	0.6	0.7				
Pivnichny GOK	SGOK	751	0.4%	3	745	1.4	2.3	3.3	0.8	1.1	1.6	0.5	0.5	0.6				
Ferrexpo	FXPO	607	24.0%	146	1,302	2.3	3.3	6.2	2.6	2.6	5.1	0.8	0.9	1.2				
<b>Pipe Manufacturing</b>																		
Khartsyzk Pipe	HRTR	26	2.0%	1	72	5.5	1.1	14.1	2.3	1.6	4.0	0.2	0.4	0.8	114	189	179	\$/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	55	5.0%	3	48	1.3	neg	neg	1.0	neg	neg	0.1	0.4	0.7				
<b>Specialized Machinery</b>																		
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	269	24.0%	65	244	1.7	2.1	2.9	0.6	0.7	1.1	0.2	0.3	0.4				
<b>Telecom</b>																		
Ukrtelecom	UTLM	147	7.2%	11	238	neg	8.1	16.1	neg	2.8	3.3	0.3	0.6	0.9				
<b>Oil &amp; Gas</b>																		
Ukrnafta	UNAF	759	3.0%	23	768	>30	7.2	4.5	2.7	2.0	2.1	0.3	0.3	0.6	n/a	n/a	n/a	\$/boe
Regal Petroleum	RPT	24	21.6%	5	-1	neg	11.9	7.9	neg	-0.1	-0.1	0.0	0.0	0.0	n/a	n/a	n/a	\$/boe
JKX Oil & Gas	JKX	74	50.4%	37	182	11.3	neg	14.7	2.7	2.7	2.6	1.0	1.2	1.2	33	25	24	\$/boe
<b>Electric Utilities</b>																		
CentrEnerg	CEEN	136	21.7%	30	150	2.3	23.1	neg	1.6	5.8	neg	0.2	0.2	0.5	8	11	9	\$/MWh
DonbasEnerg	DOEN	25	14.2%	3	57	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	1,067	34.1%	364	2,205	6.6	neg	>30	5.6	4.0	4.2	1.5	1.6	1.9				
Kernel	KER	806	61.8%	498	1,281	7.7	neg	8.1	4.4	5.8	3.1	0.5	0.5	0.6				
Astarta	AST	195	37.0%	72	405	5.7	neg	neg	4.5	2.8	4.1	0.8	1.0	1.2				
Avangardco	AVGR	78	22.5%	18	304	0.3	neg	neg	1.0	2.4	3.2	0.5	0.7	0.8	69	52	49	\$/mneqgs
Ovostar	OVO	124	25.0%	31	133	4.0	4.8	5.1	3.7	4.6	5.3	1.6	1.8	1.7	n/a	n/a	n/a	
<b>Banks</b>																		
						P/E			P/Book			P/Assets						
Raiffeisen Bank Aval	BAVL	129	3.5%	5		1.4	neg	neg	0.1	0.3	0.4	0.02	0.05	0.06				
Ukrsotsbank	USCB	73	1.0%	1		>30	>30	>30	0.1	0.1	0.2	0.02	0.03	0.04				

Source: Eavex Research

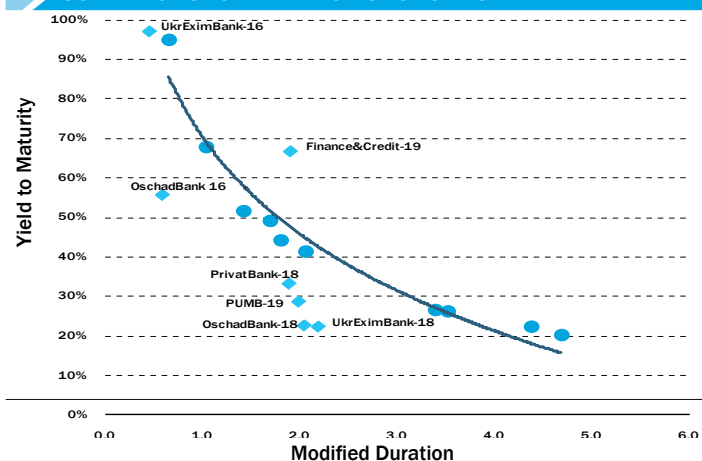
### UKRAINIAN EUROBONDS

Issue	Price (Bid)	Price (Ask)	YTM (Bid)	YTM (Ask)	Price chg. (YTD)	Modified Duration	Coupon	Coupon Period	Maturity Date	Volume USD mn	Ratings <sup>1</sup>
<b>Sovereign Eurobonds</b>											
Ukraine, 2015 (EUR)	51.6	52.6	322.6%	310.5%	-23.3%	0.1	4.95%	A	13 Oct 2015	600*	Ca/CC/CC
Ukraine, 2015	52.4	53.8	427.6%	405.2%	-24.6%	0.1	6.875%	S/A	23 Sept 2015	500	Ca/CC/CC
Ukraine, 2016	49.3	50.6	69.5%	66.8%	-20.3%	1.0	6.58%	S/A	21 Nov 2016	1,000	Ca/CC/CC
Ukraine, 2016-2	49.1	50.4	102.1%	97.8%	-23.1%	0.6	6.25%	S/A	17 Jun 2016	1,250	Ca/CC/CC
Ukraine, 2017	49.5	51.0	42.8%	41.1%	-20.5%	1.7	6.75%	S/A	14 Nov 2017	700	Ca/CC/CC
Ukraine, 2017-2	48.3	49.0	53.9%	52.8%	-21.8%	1.3	9.25%	S/A	24 Jul 2017	2,000	Ca/CC/CC
Ukraine, 2017 Infr. projects	48.3	49.3	47.3%	46.1%	-20.7%	1.6	8.375%	S/A	3 Nov 2017	568	Ca//
Ukraine, 2018 Infr. projects	50.1	50.1	37.8%	37.8%	-16.5%	2.0	7.40%	S/A	20 Apr 2018	690	Ca//
Ukraine, 2020	48.8	49.8	26.4%	25.8%	-17.4%	3.4	7.75%	S/A	23 Sept 2020	1,500	Ca/CC/CC
Ukraine, 2021	52.1	53.1	23.8%	23.3%	-11.4%	3.6	7.95%	S/A	23 Feb 2021	1,500	Ca/CC/CC
Ukraine, 2022	52.8	53.8	20.5%	20.0%	-11.5%	4.5	7.80%	S/A	28 Nov 2022	1,250	Ca/CC/CC
Ukraine, 2023	52.8	53.8	19.9%	19.5%	-10.3%	4.7	7.50%	S/A	17 Apr 2023	1,250	Ca/CC/CC
<b>Corporate Eurobonds</b>											
Agroton, 2019	28.4	31.8	51.7%	46.8%	-11.1%	2.4	8.00%	S/A	14 Jul 2019	50	//RD
MHP, 2020	80.2	81.7	14.1%	13.6%	17.3%	3.6	8.25%	S/A	2 Apr 2020	750	/CCC-/CCC
Avangardco, 2015	50.8	50.8	286.5%	286.5%	-21.3%	0.2	10.00%	S/A	29 Oct 2015	200	//WD
UkrLandFarming, 2018	46.0	48.0	48.6%	46.3%	1.0%	1.7	10.88%	S/A	26 Mar 2018	500	/CC/WD
Mriya, 2016	16.0	18.0	523.5%	467.7%	30.8%	0.2	10.95%	S/A	30 Mar 2016	72	/SD/RD
Mriya, 2018	16.0	18.0	103.9%	96.0%	30.8%	1.5	9.45%	S/A	19 Apr 2018	400	/SD/RD
DTEK, 2018	45.0	48.0	49.0%	45.5%	n/a	1.6	10.375%	S/A	28 Mar 2018	160	Ca//C
DTEK, 2018	44.0	47.0	45.6%	42.2%	0.0%	1.9	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	57.0	60.0	40.0%	37.1%	-16.4%	1.1	10.50%	S/A	28 Nov 2017	290	Caa3//C
Metinvest, 2018	57.5	59.0	34.8%	33.5%	4.9%	1.9	8.75%	S/A	14 Feb 2018	750	Caa3//C
Ferrexpo, 2016	91.0	95.0	21.4%	15.1%	20.8%	0.7	7.88%	S/A	07 Apr 2016	286	Caa3/CCC/C
Ferrexpo, 2019	84.2	86.3	16.1%	15.3%	n/a	2.5	10.38%	S/A	07 Apr 2019	161	Caa3/CCC/C
RailUA, 2018	61.0	63.0	30.9%	29.4%	16.9%	2.1	9.50%	S/A	21 May 2018	500	/CC/C
Interpipe, 2017	25.0	35.0	123.6%	89.1%	-45.5%	1.1	10.25%	S/A	2 Aug 2017	200	//
JKX Oil&Gas, 2018	70.3	74.1	29.5%	26.9%	24.0%	1.3	8.00%	S/A	19 Feb 2018	40	
<b>Bank Eurobonds</b>											
Fin&Credit Bank, 2019	23.0	30.0	71.0%	57.4%	-68.1%	1.8	9.25%	S/A	25 Jan 2019	100	//
PUMB, 2018	51.5	54.5	36.0%	33.7%	-21.5%	1.7	11.00%	Q	31 Dec 2018	275	WR//NR
Nadra Bank, 2018	7.0	12.0	n/a	n/a	-24.0%	0.0	6.25%	A	31 Jul 2018	60	//
PrivatBank, 2015	68.0	70.0	224.9%	205.9%	10.4%	0.1	9.38%	S/A	23 Sept 2015	200	Cau//CC
PrivatBank, 2016	59.0	61.0	121.3%	112.4%	21.2%	0.4	8.75%	S/A	9 Feb 2016	150	Cau//CC
PrivatBank, 2018	64.0	68.0	32.0%	29.0%	-0.9%	1.9	10.88%	S/A	28 Feb 2018	175	Cau//CC
UkrEximBank, 2015	76.5	78.5	n/a	n/a	0.0%	0.0	8.38%	S/A	27 Jul 2015	750	WR//C
UkrEximBank, 2016	58.0	63.0	126.0%	104.0%	27.4%	0.4	5.79%	S/A	2 Sept 2016	125	Ca//C
UkrEximBank, 2018	74.0	76.0	22.8%	21.5%	32.7%	2.0	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	75.5	60.2%	56.3%	27.8%	0.5	8.25%	S/A	10 Mar 2016	700	Ca//CC
Oschadbank, 2018	73.3	74.5	22.6%	21.8%	30.8%	2.1	8.88%	S/A	20 Mar 2018	500	Ca//CC
<b>Municipal Eurobonds</b>											
City of Kyiv, 2015	49.9	51.8	302.8%	281.7%	-30.0%	0.2	8.00%	S/A	6 Nov 2015	250	Ca/CC/CC
City of Kyiv, 2016	47.9	49.6	103.2%	97.8%	-31.0%	0.6	9.375%	S/A	30 Jun 2016	300	Ca/CC/CC

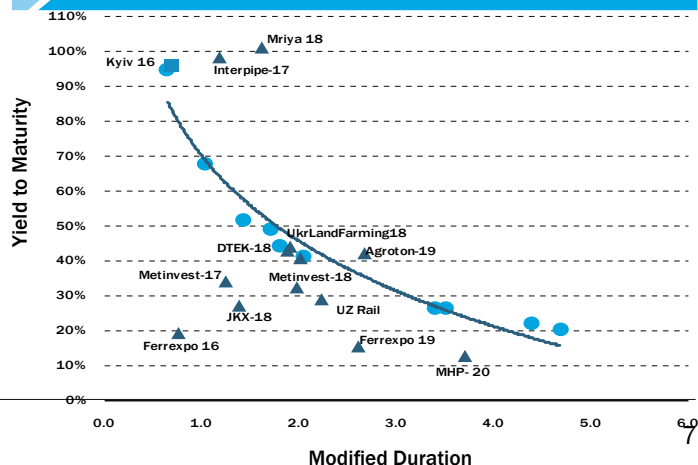
<sup>1</sup> Moody's/S&P/Fitch; \* EUR

Source: Bloomberg, Cbonds, Eavex Research

### SOVEREIGNS vs. BANKING 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
<b>UAH denominated Bonds</b>									
UA4000142665			25%	20%	n/a	14.30%	S/A	24 May 2017	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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