

**Market Update**

**Equity**

Kyiv-listed stocks ended lower on Tuesday (Mar 3) to snap a five-session winning streak, although USD-denominated valuations got a big boost from the strengthening of the hryvnia by some 10% against the dollar yesterday to 25.00 UAH/USD. The NBU raised its key interest rate from 19.5% to 30.0% in what we suppose is a temporary measure to support the domestic currency. The UX index fell 1.9% to close at 1114 points. UkrNafta (UNAF) lost 3.4% to UAH 320 per share after news that Parliament adopted an increase in the production tax for the company. Electricity blue chip CentrEnergO (CEEN) dropped by 2.5%, dipping back below the UAH 8.00 level, and DonbasEnergO (DOEN) shed 0.7%. Outside the UX basket, Yasynivsky Coke (YASK) gave up 5.0% to end near 35 kopecks. In London trading, Ferrexpo (FXPO) declined by 2.3% to GBp 64.00, while Warsaw-listed shell egg producer Ovostar (OVO) rose 2.8% to PLN 69.90 after reporting its preliminary financial results for FY14.

**Fixed Income**

The beaten-down Ukrainian sovereign Eurobond universe continued to see very little trading action on Tuesday, with Ukraine-23s finishing unchanged at 42.5/43.5 (23.8%/23.3%). Corporate debt names were also practically unchanged. MHP-20s inched down by 0.2p.p. to 60.0/62.6 (21.6%/20.4%) while Metinvest-18s closed flat at 35.0/38.0 (56.5%/52.2%).

Volume Leaders	Ticker	Last, UAH	1D ch	Volume, UAH mn	Number of Trades
CentrenergO	CEEN	7.94	-2.5%	1.9	183
Ukrnafta	UNAF	320.40	-3.4%	1.6	204
Motor Sich	MSICH	2817.00	-1.5%	1.1	101

**Growth Leaders**

DonbasenergO	DOEN	29.89	-0.7%	0.01	13
Kryukiv Wagon	KVBZ	12.19	-1.3%	0.06	23
Yenakievo Steel	ENMZ	17.90	-1.4%	0.08	41

**Loss Leaders**

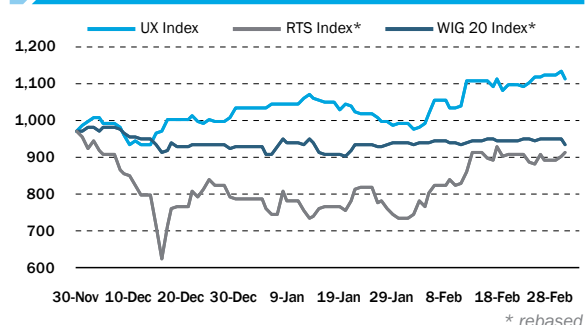
Bogdan Motors	LUAZ	0.03	-13.7%	0.004	9
Yasynivsky Coke	YASK	0.35	-5.0%	0.015	21
Alchevsk Steel	ALMK	0.01	-4.6%	0.012	65

**Highlights**

**STOCKS IN THE NEWS**

- > Ovostar's Preliminary FY14 EBITDA Down 18% YoY
- > Parliament Hikes Iron Ore Extraction Tax by 60-80%

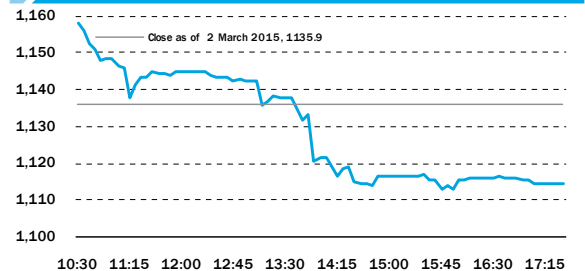
**STOCK MARKET PERFORMANCE**



**MARKET INDEXES**

	Last	1D ch	1M ch	YTD
UX	1114.6	-1.9%	12.4%	7.9%
RTS	917.1	1.5%	24.4%	16.0%
WIG20	2323.1	-1.5%	-0.8%	0.3%
MSCI EM	986.2	-0.2%	2.6%	3.1%
S&P 500	2107.8	-0.5%	5.7%	2.4%

**UX INTRADAY MARCH 3, 2015**



**FIXED INCOME**

	Last	1D ch	1M ch	YTD
EMBI+Global	391.1	-0.8%	-14.0%	-3.3%
CDS 5Y UKR	1943.5	-0.8%	-30.8%	-13.0%
Ukraine-17	45.5%	0.0 p.p.	12.0 p.p.	19.8 p.p.
Ferrexpo-16	32.9%	0.0 p.p.	0.0 p.p.	1.5 p.p.
Ukraine-23	23.5%	0.0 p.p.	3.5 p.p.	16.0 p.p.
Privatbank-16	200.9%	0.7 p.p.	99.0 p.p.	115.4 p.p.

**CURRENCY**

	Last, UAH	1D ch	1M ch	YTD
USD	24.25	-8.5%	49.6%	53.3%
EUR	27.10	-8.6%	48.1%	41.6%
RUB	0.39	-7.6%	62.5%	42.6%

**COMMODITIES**

	Last	1D ch	1M ch	YTD
Wheat, USD/t*	211.6	0.0%	-4.6%	-14.0%
Steel, USD/t	382.5	0.0%	-11.0%	-15.0%
Oil, USD/bbl	61.0	2.5%	13.1%	3.1%
Gold, USD/oz	1203.8	-0.2%	-6.2%	1.6%

\*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

**Ovostar's Preliminary FY14 EBITDA Down 18% YoY**

by Ivan Dzvinka  
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**OVOSTAR (OVO PW)**

Price: PLN 69.90 Market Cap: USD 113mn

	EV/S	P/E	EV/EBITDA	Div. Yield
2014E	1.6	3.8	3.7	0%
2015E	1.5	4.6	4.8	0%

**NEWS**

Kyiv-based Ovostar Union, Ukraine's 3rd-largest egg producer, released its preliminary set of full-year 2014 financial results in a presentation on Tuesday (Mar 3). The company's net revenue was down by 8% YoY to USD 75mn as 16% expansion in egg output was not enough to offset a 23% decline in the egg selling price in USD terms to USD 0.069/piece. The company's preliminary EBITDA (including revaluation of biological assets) in 2014 amounted to USD 29mn, an 18% YoY decline. Net profit dropped by 16% YoY to USD 26mn. Net debt as of Dec 31 stood at USD 7.0mn ,vs. USD 4.9mn as of end-2013.

**COMMENTARY**

Ovostar's preliminary EBITDA for 2014 is 10% lower than our forecast of USD 32mn, as we based our projection on management's optimistic guidance for egg pricing in late 2014, which failed to materialize. While Ovostar managed to increase its export sales of shell eggs (3x YoY) and dry egg products (+55%) in 2014, this process should definitely be pushed further, as devaluation risk continues to be a big concern for the company. In 2014, USD and other forex revenue amounted to only about 20%, while USD-linked production cost constitutes some 70% of Ovostar's costs.

**Parliament Hikes Iron Ore Extraction Tax by 50-80%**

by Ivan Dzvinka  
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**NEWS**

Approved changes in Tax Code passed by Parliament on Monday (Mar 2) removed the adjusting coefficient (equal to Fe content in iron ore products) in calculating the iron ore extraction tax for domestic miners. This effectively expands iron ore extraction tax from previous 4.4-5.4% (depending on iron ore product type) to 8% for all range of iron ore products which means 1.5-1.8x increase. The tax was previously raised by 60% in August 2014..

**COMMENTARY**

The news is positive for Ukraine's national budget revenue and for the approval of the new IMF loan program, but negative for iron ore producers Metinvest and Ferrexpo. A representative of Metinvest yesterday told Interfax that the higher tax will translate into some USD 100mn of additional tax costs per annum for the group. For Ferrexpo, we estimate hike in extraction cost will result in additional cost of some USD 25-30mn.

## EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
<b>Agriculture</b>						
Kernel	KER PW	31.5	50.2	59%	BUY	Hedging approach to making business, no devaluation risk and limited political risk due to lack of assets in the Donbass together with U-turn in farming segment in 2015 make the KER stock our current top investment story.
MHP	MHPC LI	9.2	17.96	95%	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	25.0	90.0	260%	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 LI	2.8	2.7	-5%	HOLD	Lost 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 PW	69.9	80.8	16%	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	64.0	48.0	-25%	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	0.82	0.56	-33%	SELL	Non-transparent reporting practices detrimentally affect Azovstal's reported earnings.
<b>Coke</b>						
Avdyivka Coke	AVDK	1.44	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	2817	5250	86%	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.
<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	4.6	U/R	--	U/R	The company has been constantly missed production targets since 2012.
JKX Oil & Gas	JKX	37.0	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.
<b>Power Utilities</b>						
DonbasEnergO	DOEN	29.9	72.0	141%	BUY	DonbasEnergO is expected to continue practice of 30% dividend payout in a medium term.
CentrEnergO	CEEN	7.94	15.00	89%	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	0.106	0.24	126%	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	1114.56	1368.76	908.88	-1.9%	1.0%	12.4%	7.9%	0.0%	0.0%	0.0%	0.0%
<b>Steel</b>												
Alchevsk Steel	ALMK	0.015	0.045	0.011	-4.6%	2.8%	19.7%	0.7%	-2.7%	1.8%	7.3%	-7.2%
Azovstal	AZST	0.82	0.95	0.35	-2.3%	-1.9%	16.7%	10.6%	-0.4%	-2.9%	4.3%	2.7%
Enakievo Steel	ENMZ	17.90	65.00	14.81	-2.7%	-2.1%	-4.4%	-14.6%	-0.8%	-3.1%	-16.9%	-22.4%
<b>Coke</b>												
Avdyivka Coke	AVDK	1.44	3.62	1.10	-5.3%	4.3%	19.9%	-16.8%	-3.4%	3.2%	7.5%	-24.7%
Yasynivsky Coking	YASK	0.35	0.84	0.18	-7.9%	25.0%	40.0%	25.0%	-6.0%	24.0%	27.6%	17.1%
<b>Iron Ore Mining</b>												
Centralny GOK	CGOK	8.60	n/a	n/a	0.0%	2.4%	22.9%	10.4%	1.9%	1.3%	10.4%	2.5%
Ferrexpo	FXPO	64.00	162.10	47.91	-2.3%	-2.3%	28.0%	20.8%	-0.4%	-3.3%	15.6%	12.9%
Pivnichny GOK	SGOK	8.70	12.30	4.44	-4.4%	2.4%	-7.8%	3.9%	-2.5%	1.3%	-20.3%	-3.9%
<b>Coal Mining</b>												
Pokrovske Mine	SHCHZ	0.48	0.79	0.17	0.0%	0.0%	65.5%	2.1%	1.9%	-1.0%	53.1%	-5.7%
<b>Pipe Manufacturing</b>												
Khartsyzk Pipe	HRTR	0.57	1.01	0.20	3.6%	29.5%	90.0%	50.0%	5.5%	28.5%	77.6%	42.1%
<b>Railcar Manufacturing</b>												
Kryukiv Wagon	KVBZ	12.19	22.00	10.00	-1.5%	0.2%	2.4%	-5.1%	0.3%	-0.8%	-10.1%	-13.0%
Luhanskeplovoz	LTPL	1.80	1.80	0.85	0.0%	20.0%	65.1%	66.7%	1.9%	19.0%	52.7%	58.8%
<b>Specialized Machinery</b>												
Motor Sich	MSICH	2817	2939	1587	-1.3%	-0.2%	11.6%	13.5%	0.6%	-1.3%	-0.9%	5.6%
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	0.16	0.20	0.09	0.0%	0.0%	34.8%	2.0%	1.9%	-1.0%	22.4%	-5.9%
<b>Oil &amp; Gas</b>												
Regal Petroleum	RPT	4.60	12.50	3.13	0.5%	8.2%	13.0%	47.0%	2.4%	7.2%	0.6%	39.2%
JKX Oil	JKX	37.00	64.00	11.00	4.2%	-1.0%	190.2%	208.3%	6.1%	-2.0%	177.8%	200.5%
Ukrnafta	UNAF	320.4	375.0	54.0	-3.4%	5.5%	32.5%	57.6%	-1.6%	4.5%	20.1%	49.7%
<b>Power Utilities</b>												
Centrenergo	CEEN	7.94	8.70	3.00	-2.7%	1.4%	10.7%	5.2%	-0.8%	0.4%	-1.7%	-2.7%
Donbasenergo	DOEN	29.89	50.16	11.00	-0.7%	-1.2%	-2.0%	-9.4%	1.2%	-2.2%	-14.4%	-17.3%
Zakhidenergo	ZAEN	162.0	199.8	91.2	3.3%	1.3%	-1.3%	9.4%	5.1%	0.2%	-13.8%	1.5%
<b>Consumer</b>												
Agroton	AGT	1.29	5.06	1.19	-1.5%	-5.1%	-3.7%	4.9%	0.4%	-6.2%	-16.2%	-3.0%
Astarta	AST	25.00	48.22	14.50	0.0%	1.8%	0.0%	25.0%	1.9%	0.7%	-12.4%	17.1%
Avangardo	AVGR	2.80	10.27	1.83	-2.8%	-18.8%	47.4%	36.6%	-0.9%	-19.9%	34.9%	28.7%
Industrial Milk Company	IMC	5.90	10.39	5.46	-0.8%	-8.4%	-5.6%	4.1%	1.0%	-9.4%	-18.0%	-3.8%
Kernel	KER	31.51	34.50	22.00	-1.0%	4.5%	0.8%	10.7%	0.9%	3.5%	-11.6%	2.9%
Mriya Agro Holding	MAYA	0.45	5.65	0.36	23.6%	-10.0%	-21.2%	-19.9%	25.5%	-11.0%	-33.6%	-27.8%
MHPC	MHPC	9.20	15.77	9.00	-2.6%	-3.7%	-3.5%	0.0%	-0.8%	-4.7%	-15.9%	-7.9%
Milkiland	MLK	3.41	9.03	1.48	8.9%	7.9%	53.6%	130.4%	10.8%	6.9%	41.2%	122.5%
Ovostar Union	OVO	69.90	76.74	59.40	2.8%	-1.4%	-4.2%	-2.9%	4.7%	-2.4%	-16.7%	-10.8%
<b>Chemicals</b>												
Stirol	STIR	8.80	n/a	n/a	0.0%	0.3%	35.2%	27.0%	1.9%	-0.7%	22.8%	19.1%
<b>Banks</b>												
Raiffeisen Bank Aval	BAVL	0.106	0.190	0.086	-1.8%	5.8%	22.1%	10.5%	0.1%	4.7%	9.7%	2.7%
UkrSotsbank	USCB	0.110	0.200	0.090	0.0%	-4.3%	0.0%	-15.5%	1.9%	-5.3%	-12.4%	-23.4%

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	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%
<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	-7	7.8%	neg	neg	-3	-13	-13	neg	neg	neg
<b>Iron Ore Mining</b>																
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	1,342	1,059	506	464	256	32.0%	34.5%	24.2%	264	185	98	16.7%	13.8%	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>																
Luhanskteplovoz	LTPL	329	127	n/a	36	-2	n/a	10.8%	neg	n/a	19	-16	n/a	5.9%	neg	n/a
Kryukiv Wagon	KVBZ	462	133	67	50	10	5	10.9%	7.6%	7.5%	42	-3	-4	9.0%	neg	neg
<b>Specialized Machinery</b>																
Turboatom	TATM	214	149	114	90	56	36	42.1%	37.3%	32.0%	72	49	23	33.5%	33.0%	20.0%
Motor Sich	MSICH	1,053	879	460	384	342	158	36.5%	38.9%	34.3%	162	129	67	15.4%	14.7%	14.5%
<b>Telecom</b>																
Ukrtelecom	UTLM	791	368	224	190	105	71	24.0%	28.5%	31.5%	17	16	8	2.2%	4.3%	3.5%
<b>Oil &amp; Gas</b>																
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%
<b>Electric Utilities</b>																
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	262	271	72	23	13	11.0%	8.8%	4.9%	65	20	3	9.9%	7.8%	1.1%
<b>Consumer</b>																
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	2,250	291	223	325	10.4%	9.3%	14.4%	105	-107	125	3.8%	neg	5.6%
Astarta	AST	491	465	396	91	154	123	15.5%	27.5%	25.9%	34	-54	30	5.8%	neg	6.3%
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%
<b>Banks</b>																
		Total Assets			Total Equity			Total Income			Net Profit			Return on Equity		
Raiffeisen Bank Aval	BAVL	5,333	2,869	2,765	888	390	376	723	327	276	90	-87	-41	10.1%	-22.2%	-10.9%
Ukrsotsbank	USCB	5,283	1,595	2,588	1,064	303	447	115	130	115	1	-19	-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			
<b>Steel</b>																		
Alchevsk Steel	ALMK	16	3.9%	1	955	neg	neg	neg	neg	neg	neg	0.6	1.4	2.8	247	230	223	\$/tonne
Yenakievo Steel	ENMZ	8	8.8%	1	5	neg	neg	neg	neg	0.1	0.1	0.0	0.0	0.0	2	2	2	\$/tonne
Azovstal	AZST	143	3.0%	4	138	neg	4.0	6.2	neg	0.9	1.2	0.1	0.1	0.1	30	30	30	\$/tonne
<b>Coke</b>																		
Avdivka Coke	AVDK	12	6.8%	1	-28	neg	neg	neg	-0.6	neg	neg	0.0	-0.1	-0.1	-6	-7	-7	\$/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
<b>Iron Ore Mining</b>																		
Centralny GOK	CGOK	416	0.3%	1	414	2.1	3.6	5.2	1.3	1.9	2.5	0.6	0.7	0.8				
Pivnichny GOK	SGOK	827	0.4%	3	820	1.5	2.6	3.6	0.9	1.3	1.7	0.5	0.6	0.6				
Ferrexpo	FXPO	575	24.0%	138	1,269	2.2	3.1	5.9	2.5	2.7	5.0	0.8	0.9	1.2				
<b>Pipe Manufacturing</b>																		
Khartsyzk Pipe	HRTR	61	2.0%	1	107	13.0	2.7	>30	3.4	2.5	6.0	0.3	0.6	1.2	170	281	267	\$/tonne
<b>Railcar Manufacturing</b>																		
LuganskTeplovoz	LTPL	16	24.0%	4	53	0.8	neg	n/a	1.5	neg	n/a	0.2	0.4	n/a				
Krukiv Wagon	KVBZ	58	5.0%	3	52	1.4	neg	neg	1.0	5.1	10.4	0.1	0.4	0.8				
<b>Specialized Machinery</b>																		
Turboatom	TATM	61	5.8%	4	34	0.9	1.2	2.7	0.4	0.6	0.9	0.2	0.2	0.3				
Motor Sich	MSICH	241	24.0%	58	227	1.5	1.9	3.6	0.6	0.7	1.4	0.2	0.3	0.5				
<b>Telecom</b>																		
Ukrtelecom	UTLM	120	7.2%	9	204	7.0	7.5	15.0	1.1	1.9	2.9	0.3	0.6	0.9				
<b>Oil &amp; Gas</b>																		
Ukrnafta	UNAF	716	3.0%	21	714	>30	22.6	>30	2.5	4.5	5.4	0.3	0.4	0.7	n/a	n/a	n/a	\$/boe
Regal Petroleum	RPT	23	21.6%	5	-2	neg	11.3	7.5	neg	-0.2	-0.2	-0.1	-0.1	-0.1	n/a	n/a	n/a	\$/boe
JKX Oil & Gas	JKX	98	50.4%	49	206	15.0	12.5	19.5	3.1	3.0	2.9	1.1	1.0	1.4	38	28	27	\$/boe
<b>Electric Utilities</b>																		
CentrEnerg	CEEN	121	21.7%	26	107	2.0	7.6	13.7	1.1	3.2	4.7	0.1	0.2	0.2	6	8	7	\$/MWh
DonbasEnerg	DOEN	29	14.2%	4	59	0.4	1.4	9.9	0.8	2.6	4.5	0.1	0.2	0.2	7	8	7	\$/MWh
<b>Consumer</b>																		
MHP	MHPC	972	34.1%	331	2,052	6.0	neg	10.0	5.2	3.8	3.7	1.4	1.3	1.3				
Kernel	KER	672	61.8%	415	1,408	6.4	neg	5.4	4.8	6.3	4.3	0.5	0.6	0.6				
Astarta	AST	167	37.0%	62	414	4.9	neg	5.6	4.5	2.7	3.4	0.8	0.9	1.0				
Avangardco	AVGR	179	22.5%	40	366	0.8	neg	5.6	1.2	2.8	3.4	0.6	0.8	0.9	83	63	59	\$/mneqgs
Ovostar	OVO	112	25.0%	28	119	3.6	3.8	4.6	3.4	3.7	4.8	1.5	1.6	1.5	n/a	n/a	n/a	
<b>Banks</b>																		
						P/E			P/Book			P/Assets						
Raiffeisen Bank Aval	BAVL	131	3.5%	5		1.5	neg	neg	0.1	0.3	0.3	0.02	0.05	0.05				
Ukrsotsbank	USCB	84	1.0%	1		>30	>30	>30	0.1	0.3	0.2	0.01	0.05	0.03				

Source: Eavex Research

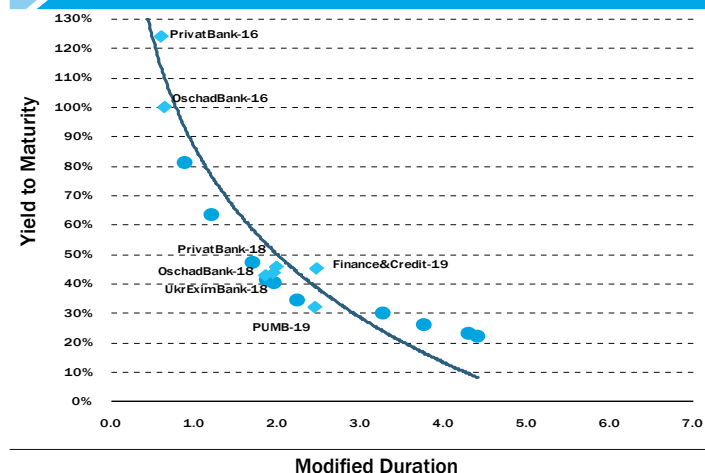
## UKRAINIAN EUROBONDS

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)	45.0	47.0	203.2%	188.2%	-32.3%	0.3	4.95%	A	13 Oct 2015	600*	Caa3/CCC-/CC
Ukraine, 2015	49.9	51.5	195.0%	183.7%	-27.9%	0.3	6.875%	S/A	23 Sept 2015	500	Caa3/CCC-/CC
Ukraine, 2016	43.4	44.5	67.3%	65.1%	-29.9%	1.2	6.58%	S/A	21 Nov 2016	1,000	Caa3/CCC-/CC
Ukraine, 2016-2	43.7	44.7	87.5%	84.7%	-31.8%	0.8	6.25%	S/A	17 Jun 2016	1,250	Caa3/CCC-/CC
Ukraine, 2017	42.0	44.0	46.7%	44.3%	-32.0%	1.9	6.75%	S/A	14 Nov 2017	700	Caa3/CCC-/CC
Ukraine, 2017-2	42.0	44.0	56.2%	53.3%	-30.9%	1.6	9.25%	S/A	24 Jul 2017	2,000	Caa3/CCC-/CC
Ukraine, 2017 Infr. projects	39.0	42.0	54.1%	50.0%	-34.1%	1.7	8.375%	S/A	3 Nov 2017	568	Caa3//
Ukraine, 2018 Infr. projects	38.0	41.0	47.2%	43.7%	-34.2%	2.0	7.40%	S/A	20 Apr 2018	690	Caa3//
Ukraine, 2020	41.3	43.3	30.2%	28.8%	-29.1%	3.2	7.75%	S/A	23 Sept 2020	1,500	Caa3/CCC-/CC
Ukraine, 2021	42.0	43.5	28.9%	27.9%	-28.0%	3.6	7.95%	S/A	23 Feb 2021	1,500	Caa3/CCC-/CC
Ukraine, 2022	42.0	43.5	25.2%	24.3%	-29.0%	4.1	7.80%	S/A	28 Nov 2022	1,250	Caa3/CCC-/CC
Ukraine, 2023	42.5	43.5	23.8%	23.3%	-27.5%	4.3	7.50%	S/A	17 Apr 2023	1,250	Caa3/CCC-/CC
<b>Corporate Eurobonds</b>											
Agroton, 2019	30.3	35.4	43.3%	37.7%	-3.0%	2.9	8.00%	S/A	14 Jul 2019	50	//RD
MHP, 2015	88.0	92.0	100.2%	67.6%	-5.3%	0.1	10.25%	S/A	29 Apr 2015	235	Caa2//CC
MHP, 2020	60.0	62.6	21.6%	20.4%	-11.1%	3.4	8.25%	S/A	2 Apr 2020	750	/CCC-/CC
Avangardco, 2015	44.5	44.5	188.3%	188.3%	-31.1%	0.3	10.00%	S/A	29 Oct 2015	200	/CCC-/
UkrLandFarming, 2018	35.5	35.5	58.0%	58.0%	-29.7%	1.6	10.88%	S/A	26 Mar 2018	500	/CCC-/CC
Mriya, 2016	11.0	14.0	416.9%	347.0%	-3.8%	0.4	10.95%	S/A	30 Mar 2016	72	/SD/RD
Mriya, 2018	10.0	13.0	134.0%	113.5%	4.5%	1.4	9.45%	S/A	19 Apr 2018	400	/SD/RD
DTEK, 2015	50.0	55.0	666.3%	549.9%	-32.3%	0.1	9.50%	S/A	28 Apr 2015	200	Caa2//CC
DTEK, 2018	35.0	40.0	52.8%	46.3%	-17.6%	1.9	7.88%	S/A	4 Apr 2018	750	Caa2//CC
Metinvest, 2015	58.5	63.5	344.8%	282.4%	-24.2%	0.1	10.25%	S/A	20 May 2015	114	Caa2//CC
Metinvest, 2017	44.0	49.0	50.3%	44.5%	-33.6%	1.2	10.50%	S/A	28 Nov 2017	290	//CC
Metinvest, 2018	35.0	38.0	56.5%	52.2%	-34.2%	1.9	8.75%	S/A	14 Feb 2018	750	Caa2//CC
Ferrexpo, 2016	77.0	80.0	35.0%	30.8%	2.0%	0.9	7.875%	S/A	07 Apr 2016	500	/CCC-/CC
UZ Rail, 2018	37.0	42.0	51.5%	45.5%	-25.5%	2.0	9.50%	S/A	21 May 2018	500	/CCC-/CC
Interpipe, 2017	38.0	42.0	63.9%	57.6%	-27.3%	1.6	10.25%	S/A	2 Aug 2017	200	//
JKX Oil&Gas, 2018	71.2	75.2	26.6%	24.2%	25.6%	1.6	8.00%	S/A	19 Feb 2018	40	
<b>Bank Eurobonds</b>											
Fin&Credit Bank, 2019	15.0	25.0	90.5%	62.4%	-75.9%	2.0	9.25%	S/A	25 Jan 2019	100	Caa3//
PUMB, 2018	48.0	53.0	36.9%	33.1%	-25.2%	2.4	11.00%	Q	31 Dec 2018	275	Caa3//
Nadra Bank, 2018	10.0	15.0	n/a	n/a	0.0%	0.3	6.25%	A	31 Jul 2018	60	//
PrivatBank, 2015	43.0	46.0	250.1%	223.5%	-28.8%	0.2	9.38%	S/A	23 Sept 2015	200	Caa3//
PrivatBank, 2016	27.0	32.0	220.8%	183.4%	-40.4%	0.5	8.75%	S/A	9 Feb 2016	150	Caa3//
PrivatBank, 2018	40.0	42.4	53.1%	50.1%	-30.2%	1.9	10.88%	S/A	28 Feb 2018	175	Caa3//CC
UkrEximBank, 2015	65.5	65.5	315.4%	315.4%	-15.5%	0.1	8.38%	S/A	27 Apr 2015	750	Caa3//CC
UkrEximBank, 2016	25.0	30.0	238.9%	197.2%	-42.1%	0.5	5.79%	S/A	2 Sept 2016	125	Caa3//CC
UkrEximBank, 2018	39.0	42.0	51.6%	47.8%	-28.3%	1.9	8.75%	S/A	22 Jan 2018	500	Caa3//CC
VAB Bank, 2019	4.0	8.0			-7.7%	n/a	9.00%	Q	14 Jun 2019	88	//WD
Oschadbank, 2016	39.0	43.0	135.3%	119.1%	-29.9%	0.5	8.25%	S/A	10 Mar 2016	700	Caa3//CC
Oschadbank, 2018	38.0	41.0	51.1%	47.4%	-30.1%	1.9	8.88%	S/A	20 Mar 2018	500	Caa3//CC
<b>Municipal Eurobonds</b>											
City of Kyiv, 2015	40.5	43.1	208.3%	189.7%	-42.4%	0.3	8.00%	S/A	6 Nov 2015	250	Caa3/CCC/
City of Kyiv, 2016	39.0	44.0	101.5%	87.6%	-41.6%	0.9	9.375%	S/A	30 Jun 2016	300	Caa3/CCC/

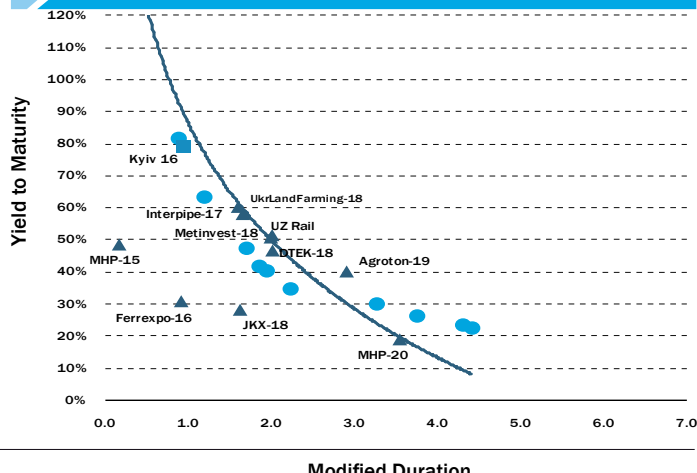
<sup>1</sup> Moody's/S&P/Fitch; \* EUR

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>									
UA4000141592			28%	24%	n/a	14.30%	S/A	20 May 2015	n/a
UA4000142665			28%	24%	n/a	14.30%	S/A	24 May 2017	n/a
<b>USD denominated Bonds</b>									
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
<b>EUR denominated Bonds</b>									
UA4000142681	n/a	n/a	12.5%	8.0%	n/a	4.80%	S/A	6 May 2015	n/a
<b>VAT Bonds</b>									
UA4000082531			27%	25%	n/a	5.50%	S/A	21 Aug 2015	n/a
UA4000082622			27%	25%	n/a	5.50%	S/A	24 Aug 2015	n/a
UA4000083059			27%	25%	n/a	5.50%	S/A	25 Aug 2015	n/a
UA4000185151			27%	25%	1.9	9.50%	S/A	8 Jul 2019	3,577
UA4000185557			27%	25%	1.9	9.50%	S/A	22 Jul 2019	2,171
UA4000186159			27%	25%	1.9	9.50%	S/A	20 Aug 2019	955

Source: Bloomberg, Cbonds, Eavex Research



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