

**Market Update**

**Equity**

Locally-listed Ukrainian equities continued to fluctuate in a narrow range on Wednesday (Jul 15). Among the day's headlines, Canada and Ukraine concluded negotiations on a free-trade pact, a deal that affects only a tiny slice of Ukraine's commerce but should still be politically significant in both countries. Also, Finance Minister Natalia Jaresko met again with the country's bondholders with time running short to reach a restructuring deal before a possible default. The UX index edged down 0.4% to close at 996 points. UkrNafta (UNAF) provided some support to the benchmark, rising 1.0% on information that shareholders affiliated with Igor Kolomoysky have given a preliminary green light to appoint BG Group Kazakhstan top manager Mark Rollins as the new CEO of UkrNafta. On the downside, Motor Sich (MSICH) declined by 0.7%, dipping back below UAH 2700 for the first time since early June. In the steel sector, Azovstal (AZST) and Yenakievo Steel (ENMZ) lost 0.7% and 3.5% respectively. London-listed Ferrexpo (FXPO) was down 0.4% to close at Gbp 59.50 while JKX Oil&Gas (JKX) added 2.6% to Gbp 19.50, continuing to respond positively to news that an elevated production tax imposed last year will be removed in October. In Warsaw, Astarta (AST) advanced by 3.4% to PLN 33.10.

**Fixed Income**

Ukrainian sovereigns declined on Wednesday with Ukraine-23s and Ukraine-17s down by 0.3p.p. and 0.9p.p. to 55.0/56.3 (18.7%/18.3%) and 53.9/55.1 (47.0%/45.5%), respectively. Corporate names also finished in the red. MHP-20s and Ferrexpo-19s dropped by 0.2p.p. closing at 80.3/81.7 (14.1%/13.6%) and 84.2/86.2 (16.2%/15.4%), respectively.

Volume Leaders	Ticker	Last, UAH	1D ch	Volume, UAH mn	Number of Trades
Motor Sich	MSICH	2688.00	-0.7%	0.6	47
Ukrnafta	UNAF	295.10	1.0%	0.5	53
Centrenergo	CEEN	7.76	0.8%	0.3	49

**Growth Leaders**

Avdyivka Coke	AVDK	1.13	5.0%	0.00	25
Ukrnafta	UNAF	295.10	1.0%	0.48	53
Centrenergo	CEEN	7.76	0.8%	0.35	49

**Loss Leaders**

Donbasenergo	DOEN	20.99	-2.9%	0.054	56
Kryukiv Wagon	KVBZ	9.40	-1.4%	0.104	20
Raiffeisen Bank Aval	BAVL	0.09	-0.8%	0.142	49

**Highlights**

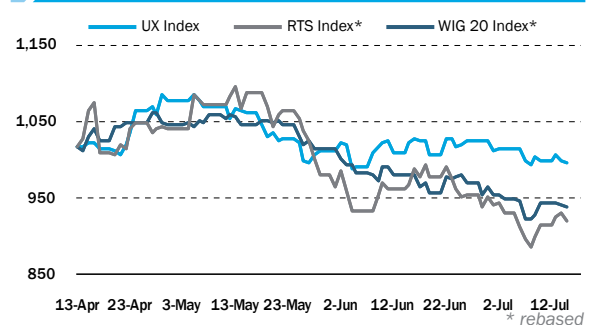
**STOCKS IN THE NEWS**

- > MHP Expands Poultry Output by 4% YoY in 2Q15

**FIXED INCOME**

- > Metinvest Starts Sales of Coated Galvanized Steel

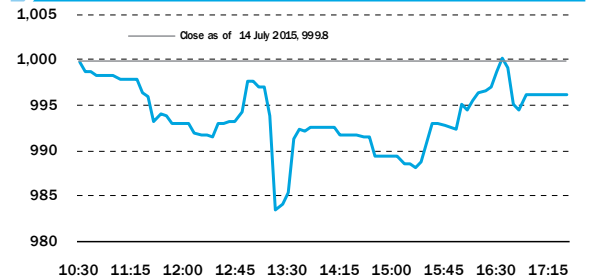
**STOCK MARKET PERFORMANCE**



**MARKET INDEXES**

	Last	1D ch	1M ch	YTD
UX	996.2	-0.4%	-1.4%	-3.6%
RTS	909.5	-1.1%	-4.3%	15.0%
WIG20	2257.6	-0.1%	-4.3%	-2.5%
MSCI EM	938.0	-0.3%	-4.2%	-1.9%
S&P 500	2107.4	-0.1%	0.6%	2.4%

**UX INTRADAY JULY 15, 2015**



**FIXED INCOME**

	Last	1D ch	1M ch	YTD
EMBI+Global	393.9	1.7%	2.0%	-2.5%
CDS 5Y UKR	2475.0	0.0%	-13.2%	12.5%
Ukraine-17	37.3%	0.3 p.p.	-5.5 p.p.	11.6 p.p.
MHP-20	13.9%	0.1 p.p.	1.0 p.p.	-3.6 p.p.
Ukraine-23	18.5%	0.1 p.p.	0.0 p.p.	11.0 p.p.
Privatbank-18	30.0%	0.3 p.p.	-0.3 p.p.	-2.6 p.p.

**CURRENCY**

	Last, UAH	1D ch	1M ch	YTD
USD	22.45	1.1%	6.6%	41.9%
EUR	24.58	0.6%	3.6%	28.4%
RUB	0.39	0.3%	3.2%	43.6%

**COMMODITIES**

	Last	1D ch	1M ch	YTD
Wheat, USD/t*	214.0	0.0%	4.7%	-13.0%
Steel, USD/t	357.5	0.0%	-3.4%	-20.6%
Oil, USD/bbl	57.1	-2.5%	-11.7%	-3.6%
Gold, USD/oz	1149.4	-0.6%	-2.7%	-3.0%

\*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

**MHP Expands Poultry Output by 4% YoY in 2Q15**

by Ivan Dzvinka  
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**MHP (MHPC LI)**

Price: USD 10.0 Market Cap: USD 1,057mn

	EV/S	P/E	EV/EBITDA	Div. Yield
2014	1.6	neg	3.9	4.7%
2015E	1.9	nm	4.1	2.4%

**NEWS**

MHP, Ukraine's largest poultry producer, increased poultry production by 4% YoY to 138,100 tonnes in 2Q15, the company reported in its release this morning (Jul 16). Sales volume rose by 3% to 143,800 tonnes. Export sales improved by 47% YoY to 40,000 tonnes while domestic sales were down by 8% to 103,800 tonnes due to lower sales in Donbass. Average poultry selling price grew by 55% YoY to UAH 27.7/kg (ex-VAT) while in USD terms the price was down by 16% to 1.28/kg.

MHP sold 79,000 tonnes of sunflower oil (+13% YoY) in 2Q15 at average price of USD 766/t (-11%). In addition, the company launched in 2Q15 export of soybean oil produced at one of Ukrainian soybean processing plants using harvested in-house soya. The launch of MHP's own soybean extraction facility is planned for this September. MHP exported 5,100 tonnes of soybean oil in 2Q15 at the average price of USD 733 per tonne.

MHP plans to harvest 340,000 ha of land in Ukraine including 50,000 ha of land received under swap for Russian assets a month ago. The company started to harvest winter crops while spring crops are in good condition.

MHP is set to publish its 2Q15 and 1H15 financial report on August 26.

**COMMENTARY**

MHP managed to increase export sales to EU 3.3x YoY in 1H15 to 11,700 tonnes. As a result, EU market accounted for 18% of the group's export sales in 1H15 vs. 6% in 1H14. Launch of soybean processing bodes well not only for expanding the share of sales in hard currency of the company but also allows to partly satisfy internal needs for soybean protein (by-product of soybean crushing into oil). With launch of own soya processing plant, internal needs in soybean protein will be fully covered, management stated earlier. Meanwhile, with weakening in domestic sales and poultry export sales of 66,000 tonnes in 1H15 (vs. FY15 target of ~175,000 tonnes), it could be rather challenging task for the group to achieve its poultry output level of 600,000 tonnes for 2015. On the positive side, possibly lower than expected sales volume in 2015 will likely be compensated with higher than projected poultry prices.

## Metinvest Starts Sales of Coated Galvanized Steel

by Ivan Dzvinka  
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### NEWS

Metinvest, Ukraine's largest metals & mining group, has launched sales of coated galvanized steel in Ukraine and abroad, the company said in a release on Wednesday (Jul 15). The group has signed a long-term agreement with Kamenets-Podilskiy-based coated steel producer Module-Ukraine to galvanize and coat Metinvest's in-house rolled steel for sales/distribution to outside parties via the group's sales channels.

### COMMENTARY

The launch of sales of coated galvanized steel is a step in the right direction for Metinvest, as it is aimed toward import substitution on the domestic market. Ironically, Ukraine covers some 20-25% of its internal steel consumption with imports despite being a Top 4 global steel exporting country. Coated steel accounted for some 40% of the total steel imports of 250,000 tonnes into Ukraine in 5M15. For reference, operated by Metinvest steel mills produced 4.2mn tonnes of steel products over the same period. Given that China is the source of around half of coated steel imports to Ukraine, we presume that Metinvest should be rather successful in creating a domestic [and probably export] market presence in this segment, taking into account the Chinese coated steel's reputation for inferior quality.

## EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
<b>Agriculture</b>						
Kernel	KER PW	39.4	56.50	43%	BUY	A hedged approach to doing 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	10.0	15.32	53%	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 land bank in Ukraine to 500,000 ha in the medium term from the current 290,000 ha.
Astarta	AST PW	33.1	36.1	9%	BUY	Astarta has made decisive moves toward diversification (it launched a soybean processing plant in early 2014) and cost optimization (launch of bioenergy complex in 2014). With no assets in the Donbass, Astarta's exposure to UAH devaluation is largely offset by its UAH cost base.
AvangardCo	AVGR LI	1.1	1.4	25%	SELL	The loss of the company's output in the war-hit Donbass along with UAH devaluation will lead to even lower EBITDA in 2015 after a 57% plunge in 2014.
Ovostar Union	OVO PW	83.0	80.8	-3%	HOLD	Ovostar has been one of the hardest-hit Ukrainian public companies by this year's UAH devaluation, as some 70% of its production cost is linked to USD while only 15% of its revenue is earned in hard currencies.
<b>Iron Ore</b>						
Ferrexpo	FXPO LN	59.5	48.0	-19%	SELL	The ongoing issue of global iron ore oversupply along with sluggish growth in demand will likely keep ore prices at depressed levels at least in the short run, boding poorly for Ferrexpo's earnings.
<b>Steel</b>						
Azovstal	AZST	0.77	0.56	-27%	SELL	Non-transparent reporting practices detrimentally affect Azovstal's reported earnings.
<b>Coke</b>						
Avdyivka Coke	AVDK	1.13	U/R	--	Susp.	Avdyivka Coke's facilities are located on the front line of the Donbass separatist-occupied territory, and the plant has been experiencing periodic artillery shelling since August 2014. However, the company continues to operate, albeit at reduced capacity.
<b>Specialized Machinery</b>						
Motor Sich	MSICH	2688	5250	95%	BUY	Motor Sich should see its revenue 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	Regal has repeatedly missed its production targets since 2012.
JKX Oil & Gas	JKX	17.5	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	21.0	U/R	--	U/R	The Donetsk separatist government has nationalized DonbasEnergO's Starobeshevo power plant, which previously accounted for about 70% of the company's installed power-generating capacity.
CenterEnergO	CEEN	7.76	15.00	93%	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	0.089	0.24	169%	BUY	Raiffeisen Aval has a conservative risk policy, and we therefore assume it will manage to weather the current banking crisis in Ukraine and start to generate profits starting from 2016. The EBRD is expected to purchase a stake in the institution.

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	996.19	1368.76	908.88	-0.4%	0.3%	-1.4%	-3.6%	0.0%	0.0%	0.0%	0.0%
<b>Steel</b>												
Alchevsk Steel	ALMK	0.013	0.040	0.010	0.0%	0.8%	-8.4%	-9.7%	0.4%	0.5%	-7.0%	-6.1%
Azovstal	AZST	0.77	0.95	0.35	-0.6%	-1.5%	-3.8%	2.7%	-0.3%	-1.8%	-2.4%	6.3%
Enakievo Steel	ENMZ	16.20	65.00	14.03	-3.6%	-4.1%	-4.7%	-22.7%	-3.2%	-4.4%	-3.3%	-19.1%
<b>Coke</b>												
Avdyivka Coke	AVDK	1.13	3.62	0.86	6.4%	6.4%	-7.7%	-34.8%	6.8%	6.1%	-6.3%	-31.2%
Yasynivsky Coking	YASK	0.22	0.79	0.18	10.0%	-18.5%	-8.3%	-21.4%	10.4%	-18.8%	-7.0%	-17.8%
<b>Iron Ore Mining</b>												
Centralny GOK	CGOK	6.96	n/a	n/a	0.0%	10.5%	21.0%	-10.7%	0.4%	10.2%	22.4%	-7.1%
Ferrexpo	FXPO	59.50	143.00	47.91	-0.4%	3.9%	-19.6%	12.3%	-0.1%	3.6%	-18.2%	15.9%
Pivnichny GOK	SGOK	6.85	12.30	4.44	0.0%	5.7%	-0.7%	-18.2%	0.4%	5.4%	0.6%	-14.6%
<b>Coal Mining</b>												
Pokrovske Mine	SHCHZ	0.26	n/a	n/a	0.0%	23.8%	-33.3%	-44.7%	0.4%	23.5%	-32.0%	-41.1%
<b>Pipe Manufacturing</b>												
Khartsyzk Pipe	HRTR	0.20	0.79	0.20	0.0%	0.0%	-9.1%	-47.4%	0.4%	-0.3%	-7.7%	-43.8%
<b>Railcar Manufacturing</b>												
Kryukiv Wagon	KVBZ	9.40	19.35	9.15	-1.1%	-5.8%	-1.8%	-26.8%	-0.7%	-6.1%	-0.4%	-23.3%
Luhanskteplovoz	LTPL	0.60	1.80	0.51	-40.0%	-45.5%	-45.5%	-44.4%	-39.6%	-45.7%	-44.1%	-40.9%
<b>Specialized Machinery</b>												
Motor Sich	MSICH	2688	2939	1970	-0.7%	-0.5%	-1.2%	8.3%	-0.4%	-0.8%	0.2%	11.8%
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	0.14	0.21	0.10	0.0%	0.0%	-22.2%	-7.9%	0.4%	-0.3%	-20.9%	-4.3%
<b>Oil &amp; Gas</b>												
Regal Petroleum	RPT	4.99	9.25	3.13	0.0%	0.0%	-0.3%	59.5%	0.4%	-0.3%	1.1%	63.1%
JKX Oil	JKX	19.50	56.75	11.00	2.6%	-9.3%	-32.2%	62.5%	3.0%	-9.6%	-30.8%	66.1%
Ukrnafta	UNAF	295.1	375.0	80.0	1.0%	4.1%	10.9%	45.2%	1.4%	3.8%	12.3%	48.7%
<b>Power Utilities</b>												
Centrenergo	CEEN	7.76	8.70	3.70	0.8%	2.9%	-1.0%	2.9%	1.1%	2.6%	0.3%	6.4%
Donbasenergo	DOEN	20.99	42.00	11.00	-2.9%	-0.5%	-3.7%	-36.4%	-2.6%	-0.8%	-2.4%	-32.8%
Zakhidenergo	ZAEN	167.0	199.8	91.2	0.0%	0.0%	7.1%	12.8%	0.4%	-0.3%	8.4%	16.4%
<b>Consumer</b>												
Agroton	AGT	1.14	2.82	0.95	3.6%	-2.6%	15.2%	-7.3%	4.0%	-2.9%	16.5%	-3.7%
Astarta	AST	33.08	41.58	14.50	3.4%	7.4%	18.1%	65.4%	3.7%	7.1%	19.5%	69.0%
Avangardo	AVGR	1.10	9.55	1.00	0.0%	9.5%	-29.4%	-46.6%	0.4%	9.2%	-28.0%	-43.0%
Industrial Milk Company	IMC	5.05	9.32	4.38	n/a	12.2%	-4.7%	-10.9%	n/a	11.9%	-3.4%	-7.3%
Kernel	KER	39.44	39.44	22.00	0.9%	2.4%	3.8%	38.6%	1.2%	2.1%	5.2%	42.2%
Mriya Agro Holding	MAYA	n/a	4.68	0.05	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MHPC	MHPC	10.00	15.60	8.24	-3.4%	-1.5%	-7.4%	8.7%	-3.0%	-1.8%	-6.1%	12.3%
Milkiland	MLK	1.48	6.25	1.46	n/a	0.7%	-26.0%	0.0%	n/a	0.4%	-24.6%	3.6%
Ovostar Union	OVO	83.00	83.00	67.00	3.8%	6.4%	3.8%	15.3%	4.1%	6.1%	5.1%	18.9%
<b>Chemicals</b>												
Stirol	STIR	6.30	18.00	4.02	-9.9%	-9.9%	0.8%	-9.1%	-9.5%	-10.2%	2.2%	-5.5%
<b>Banks</b>												
Raiffeisen Bank Aval	BAVL	0.089	0.150	0.086	-0.8%	0.9%	-3.3%	-7.0%	-0.4%	0.6%	-1.9%	-3.4%
UkrSotsbank	USCB	0.088	0.197	0.064	0.0%	6.0%	-12.0%	-32.4%	0.4%	5.7%	-10.6%	-28.8%

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>																
Luhanskeplovovoz	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	15	3.9%	1	2,629	neg	neg	neg	neg	neg	neg	1.5	3.8	9.4	679	633	615	\$/tonne
Yenakievo Steel	ENMZ	8	8.8%	1	6	neg	neg	0.3	neg	1.0	0.2	0.0	0.0	0.0	2	2	2	\$/tonne
Azovstal	AZST	143	3.0%	4	137	neg	1.9	2.2	neg	0.7	1.1	0.1	0.1	0.1	30	30	30	\$/tonne
<b>Coke</b>																		
Avdiyivka Coke	AVDK	10	6.8%	1	-29	neg	neg	neg	-0.6	neg	neg	0.0	-0.1	-0.1	-7	-8	-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	363	0.3%	1	362	1.9	3.2	4.5	1.2	1.6	2.3	0.5	0.6	0.7				
Pivnichny GOK	SGOK	703	0.4%	3	697	1.3	2.2	3.1	0.8	1.1	1.5	0.4	0.5	0.5				
Ferrexpo	FXPO	544	24.0%	131	1,239	2.1	3.0	5.6	2.4	2.5	4.8	0.8	0.9	1.2				
<b>Pipe Manufacturing</b>																		
Khartsyzk Pipe	HRTR	23	2.0%	0	69	4.9	1.0	12.6	2.2	1.6	3.9	0.2	0.4	0.7	109	181	172	\$/tonne
<b>Railcar Manufacturing</b>																		
LuganskTeplovoz	LTPL	6	24.0%	1	43	0.3	neg	n/a	1.2	neg	n/a	0.1	0.3	n/a				
Krukiv Wagon	KVBZ	48	5.0%	2	42	1.2	neg	neg	0.8	neg	neg	0.1	0.3	0.6				
<b>Specialized Machinery</b>																		
Turboatom	TATM	66	5.8%	4	35	0.9	1.2	2.9	0.4	0.5	1.0	0.2	0.2	0.3				
Motor Sich	MSICH	249	24.0%	60	224	1.5	1.9	2.7	0.6	0.7	1.0	0.2	0.3	0.4				
<b>Telecom</b>																		
Ukrtelecom	UTLM	117	7.2%	8	207	neg	6.4	12.8	neg	2.4	2.9	0.3	0.5	0.8				
<b>Oil &amp; Gas</b>																		
Ukrnafta	UNAF	713	3.0%	21	721	>30	6.8	4.2	2.5	1.9	2.0	0.3	0.3	0.5	n/a	n/a	n/a	\$/boe
Regal Petroleum	RPT	25	21.6%	5	0	neg	12.5	8.3	neg	0.0	0.0	0.0	0.0	0.0	n/a	n/a	n/a	\$/boe
JKX Oil & Gas	JKX	52	50.4%	26	161	8.0	neg	10.5	2.4	2.3	2.3	0.9	1.1	1.1	29	22	21	\$/boe
<b>Electric Utilities</b>																		
CentrEnergO	CEEN	128	21.7%	28	142	2.1	21.7	neg	1.5	5.5	neg	0.2	0.2	0.4	8	10	9	\$/MWh
DonbasEnergO	DOEN	22	14.2%	3	55	0.3	2.6	neg	0.8	2.7	neg	0.1	0.1	0.3	7	7	7	\$/MWh
<b>Consumer</b>																		
MHP	MHPC	1,057	34.1%	360	2,157	6.5	neg	>30	5.5	3.9	4.1	1.4	1.6	1.9				
Kernel	KER	834	61.8%	515	1,310	7.9	neg	8.4	4.5	5.9	3.2	0.5	0.5	0.6				
Astarta	AST	219	37.0%	81	430	6.4	neg	neg	4.7	3.0	4.4	0.9	1.0	1.2				
Avangardco	AVGR	70	22.5%	16	296	0.3	neg	neg	1.0	2.3	3.1	0.4	0.7	0.8	67	51	48	\$/mneqgs
Ovostar	OVO	132	25.0%	33	141	4.3	5.1	5.4	4.0	4.8	5.6	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	119	3.5%	4		1.3	neg	neg	0.1	0.3	0.4	0.02	0.04	0.06				
Ukrsotsbank	USCB	72	1.0%	1		>30	>30	>30	0.1	0.1	0.2	0.02	0.03	0.04				

Source: Eavex Research

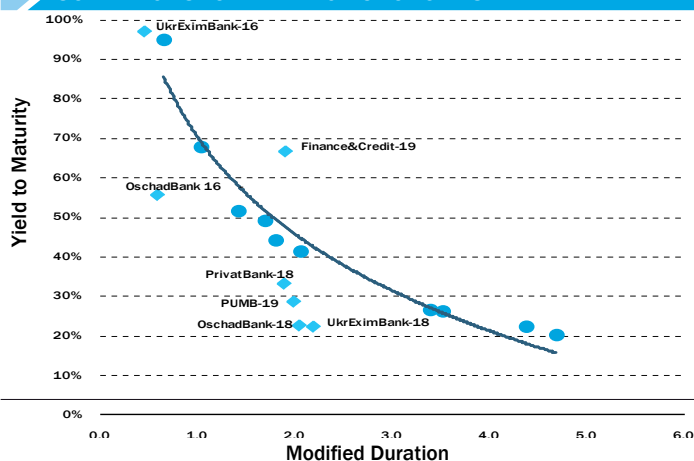
UKRAINIAN EUROBONDS

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)	54.4	56.3	334.1%	310.7%	-18.6%	0.1	4.95%	A	13 Oct 2015	600*	Ca/CC/CC
Ukraine, 2015	54.8	56.2	471.6%	447.0%	-21.1%	0.1	6.875%	S/A	23 Sept 2015	500	Ca/CC/CC
Ukraine, 2016	54.6	55.9	60.9%	58.6%	-11.9%	1.0	6.58%	S/A	21 Nov 2016	1,000	Ca/CC/CC
Ukraine, 2016-2	54.7	55.9	88.7%	85.2%	-14.6%	0.6	6.25%	S/A	17 Jun 2016	1,250	Ca/CC/CC
Ukraine, 2017	54.3	55.8	38.1%	36.6%	-13.0%	1.8	6.75%	S/A	14 Nov 2017	700	Ca/CC/CC
Ukraine, 2017-2	53.9	55.1	47.0%	45.5%	-12.4%	1.4	9.25%	S/A	24 Jul 2017	2,000	Ca/CC/CC
Ukraine, 2017 Infr. projects	53.3	54.9	41.9%	40.2%	-12.0%	1.7	8.375%	S/A	3 Nov 2017	568	Ca//
Ukraine, 2018 Infr. projects	53.0	54.0	35.4%	34.5%	-10.8%	2.0	7.40%	S/A	20 Apr 2018	690	Ca//
Ukraine, 2020	53.8	55.3	23.7%	22.9%	-8.6%	3.5	7.75%	S/A	23 Sept 2020	1,500	Ca/CC/CC
Ukraine, 2021	56.0	57.3	22.0%	21.4%	-4.7%	3.6	7.95%	S/A	23 Feb 2021	1,500	Ca/CC/CC
Ukraine, 2022	55.3	56.3	19.5%	19.1%	-7.4%	4.6	7.80%	S/A	28 Nov 2022	1,250	Ca/CC/CC
Ukraine, 2023	55.0	56.3	18.7%	18.3%	-6.2%	4.7	7.50%	S/A	17 Apr 2023	1,250	Ca/CC/CC
<b>Corporate Eurobonds</b>											
Agroton, 2019	28.4	32.3	47.8%	42.9%	-10.4%	2.6	8.00%	S/A	14 Jul 2019	50	//RD
MHP, 2020	80.3	81.7	14.1%	13.6%	17.4%	3.5	8.25%	S/A	2 Apr 2020	750	/CCC-/CCC
Avangardco, 2015	50.8	50.8	286.5%	286.5%	-21.3%	0.1	10.00%	S/A	29 Oct 2015	200	//WD
UkrLandFarming, 2018	48.5	51.5	46.1%	42.8%	-3.8%	1.8	10.88%	S/A	26 Mar 2018	500	/CC/WD
Mriya, 2016	16.0	18.0	565.1%	503.6%	30.8%	0.2	10.95%	S/A	30 Mar 2016	72	/SD/RD
Mriya, 2018	16.0	18.0	105.6%	97.6%	30.8%	1.5	9.45%	S/A	19 Apr 2018	400	/SD/RD
DTEK, 2018	43.0	45.0	52.0%	49.4%	n/a	1.6	10.375%	S/A	28 Mar 2018	160	Ca//C
DTEK, 2018	43.0	45.0	47.3%	44.9%	-3.3%	1.8	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	40.3%	37.4%	-16.4%	1.1	10.50%	S/A	28 Nov 2017	290	Caa3//C
Metinvest, 2018	58.0	60.0	34.7%	32.9%	6.3%	1.8	8.75%	S/A	14 Feb 2018	750	Caa3//C
Ferrexpo, 2019	84.8	86.2	15.9%	15.4%	n/a	2.5	10.375%	S/A	07 Apr 2019	186	Caa3//C
Ferrexpo, 2019	84.2	86.2	16.2%	15.4%	n/a	2.5	10.375%	S/A	07 Apr 2019	161	Caa3//C
RailUA, 2018	67.0	70.0	26.8%	24.8%	29.1%	2.2	9.50%	S/A	21 May 2018	500	/CC/C
Interpipe, 2017	25.0	35.0	127.1%	91.2%	-45.5%	1.0	10.25%	S/A	2 Aug 2017	200	//
JKX Oil&Gas, 2018	70.5	73.0	29.6%	27.9%	23.2%	1.2	8.00%	S/A	19 Feb 2018	40	
<b>Bank Eurobonds</b>											
Fin&Credit Bank, 2019	23.0	30.0	71.5%	57.8%	-68.1%	1.8	9.25%	S/A	25 Jan 2019	100	//
PUMB, 2018	55.0	58.0	33.5%	31.3%	-16.3%	1.8	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	259.2%	237.1%	10.4%	0.1	9.38%	S/A	23 Sept 2015	200	Cau//CC
PrivatBank, 2016	59.0	61.0	129.2%	119.6%	21.2%	0.3	8.75%	S/A	9 Feb 2016	150	Cau//CC
PrivatBank, 2018	66.0	67.8	30.7%	29.4%	13.3%	1.9	10.88%	S/A	28 Feb 2018	175	Cau//CC
UkrEximBank, 2015	80.0	82.0	n/a	n/a	4.5%	0.0	8.38%	S/A	27 Jul 2015	750	WR//C
UkrEximBank, 2016	60.0	65.0	124.3%	102.0%	31.6%	0.4	5.79%	S/A	2 Sept 2016	125	Ca//C
UkrEximBank, 2018	76.5	78.5	21.3%	20.0%	37.2%	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	76.7	77.5	55.6%	53.7%	31.8%	0.5	8.25%	S/A	10 Mar 2016	700	Ca//CC
Oschadbank, 2018	74.8	76.1	21.8%	21.0%	33.6%	2.1	8.88%	S/A	20 Mar 2018	500	Ca//CC
<b>Municipal Eurobonds</b>											
City of Kyiv, 2015	51.4	53.0	318.7%	299.3%	-28.1%	0.2	8.00%	S/A	6 Nov 2015	250	Ca/CC/CC
City of Kyiv, 2016	48.9	50.6	104.1%	98.6%	-29.6%	0.6	9.375%	S/A	30 Jun 2016	300	Ca/CC/CC

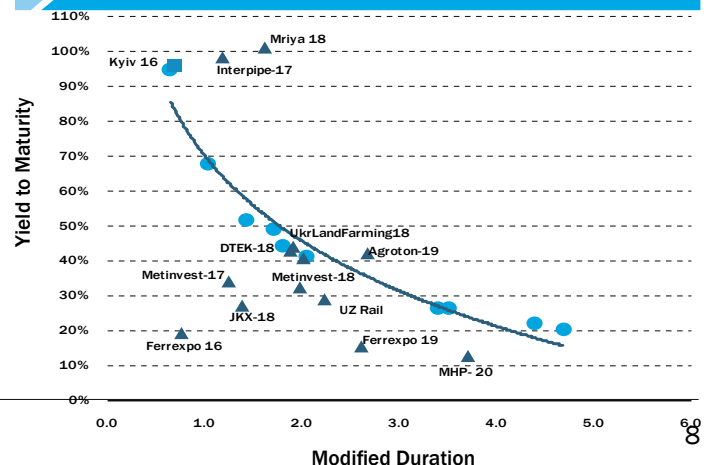
<sup>1</sup> Moody's/S&P/Fitch; \* EUR

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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