

## Market Update

### Equity

The UX index declined by 0.4% to 1024 points on Wednesday (Jun 17) as market players were concerned about increased volatility in the UAH/USD rate this week. The NBU said it will allow the hryvnia to float in a fairly wide range of 21-23 against the dollar in the near term. The country's largest oil producer UkrNafta (UNAF) gained 1.0% to close at UAH 281 per share. Electricity stocks were lower, with CentrEnerg (CEEN) and DonbasEnerg (DOEN) retreating by 0.8% and 1.6% respectively. In London trading, Ferrexpo (FXPO) lost 1.1% to close at GBP 69.25 while MHP (MHPC) was unchanged at USD 10.45. Warsaw-listed Kernel (KER) was also unchanged at PLN 38.25, ignoring the company's announcement that it raised USD 65mn for use as working capital in its farming segment. Meanwhile, Astarta (AST) advanced by 3.2% to close at PLN 28.50.

### Fixed Income

Ukrainian sovereigns were mixed in light activity yesterday as creditors continued to fight the push for a write-down on their principal holdings despite a rejection of their latest plan by the IMF. Ukraine-23s inched up 0.3 p.p. to close at 52.1/52.5 (19.6%/18.8%) while Ukraine-21s shed 0.8 p.p. to 51.5/52.5 (24.0%/23.5%). State banking issues were notably lower, with UkrEximBank-16s declining 2.0 p.p. to 58.0/63.0 and OschadBank-18s down 1.8 p.p. to 72.0/74.0.

Volume Leaders	Ticker	Last, UAH	1D ch	Volume, UAH mn	Number of Trades
Centrenerg	CEEN	7.83	-0.8%	1.1	66
Ukrnafta	UNAF	281.90	1.0%	0.5	31
Azovstal	AZST	0.80	0.4%	0.2	19

### Growth Leaders

Alchevsk Steel	ALMK	0.01	2.9%	0.01	7
Ukrnafta	UNAF	281.90	1.0%	0.54	31
Azovstal	AZST	0.80	0.4%	0.22	19

### Loss Leaders

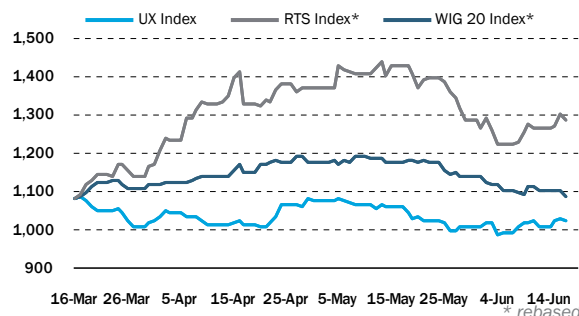
UkrSotsbank	USCB	0.09	-13.0%	0.024	15
Raiffeisen Bank Aval	BAVL	0.09	-1.9%	0.049	27
Donbasenergo	DOEN	21.65	-1.6%	0.129	20

## Highlights

### POLITICS AND ECONOMICS

- Gov't Forecasts 10% YoY Decline in Grain Harvest to 58mn Tonnes

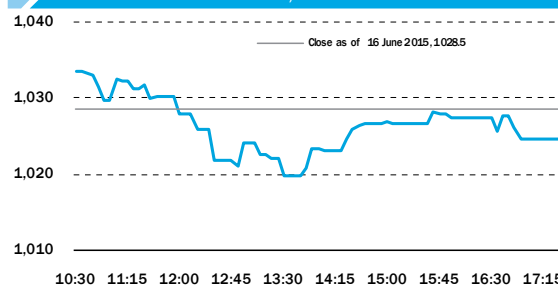
## STOCK MARKET PERFORMANCE



## MARKET INDEXES

	Last	1D ch	1M ch	YTD
UX	1024.6	-0.4%	-3.6%	-0.8%
RTS	966.6	-1.2%	-10.1%	22.2%
WIG20	2321.4	-1.5%	-7.7%	0.2%
MSCI EM	969.4	0.4%	-7.1%	1.4%
S&P 500	2100.4	0.2%	-1.1%	2.0%

## UX INTRADAY JUNE 17, 2015



## FIXED INCOME

	Last	1D ch	1M ch	YTD
EMBI+Global	400.7	0.0%	7.9%	-0.9%
CDS 5Y UKR	2950.0	0.0%	-3.3%	34.1%
Ukraine-17	43.4%	-0.5 p.p.	-0.1 p.p.	17.7 p.p.
Ferrexpo-16	22.1%	0.0 p.p.	-7.6 p.p.	-9.2 p.p.
Ukraine-23	19.7%	-0.1 p.p.	-1.3 p.p.	12.2 p.p.
Privatbank-16	184.2%	1.0 p.p.	11.8 p.p.	98.8 p.p.

## CURRENCY

	Last, UAH	1D ch	1M ch	YTD
USD	21.75	0.0%	4.1%	37.5%
EUR	24.66	0.8%	3.0%	28.9%
RUB	0.41	0.1%	-4.0%	47.5%

## COMMODITIES

	Last	1D ch	1M ch	YTD
Wheat, USD/t*	204.3	0.0%	3.4%	-17.0%
Steel, USD/t	370.0	0.0%	2.1%	-17.8%
Oil, USD/bbl	63.9	0.3%	-5.1%	7.9%
Gold, USD/oz	1185.6	0.3%	-3.1%	0.1%

\*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

## Gov't Forecasts 10% YoY Decline in Grain Harvest to 58mn Tonnes

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### NEWS

Ukraine's grain harvest will decline by about 10% YoY to 58mn tonnes in the 2015/16 season, according to an Agriculture Ministry forecast unveiled on Wednesday (Jun 17). Ukrainian farmers have completed their planting season on 6.9mn hectares of land spending about UAH 67bn (USD 3.0bn) implying USD 435 per hectare under crop.

### COMMENTARY

In our view, the government's forecast is somewhat over-optimistic; the widely-consulted USDA forecast says Ukraine will have a harvest of around 56mn tonnes of grain in 2015/16. Ukrainian grain accounts for about 2.3% of the annual global supply. The country had a historically high harvest of 63.8mn tonnes in the 2014/15 season, meaning that a decrease in this year's harvest is widely expected. Our conservative 2015/16 harvest forecast for wheat is 23mn tonnes, 26mn tonnes for corn, 6.2mn tonnes for barley, and 500,000 tonnes for rye. We also forecast grain export of 30mn tonnes in the next marketing year (starting from Jul 1). The agro sector contributes about 10% to Ukraine's GDP and employs 15% of the labor force. In 2014, agro exports constituted 16.2% of Ukraine's total merchandise exports of USD 53.4bn.

On the downside, global prices for soft commodities are not currently favorable for Ukrainian agro producers, with wheat prices down by 17% YtD to USD 204 per tonne. Additionally, profitability margins for farmers may see further pressure from a controversial proposal by Ukraine's government to raise import duties, including those on farm-related imports, by 5-10%. Such increases would further raise already-inflated costs for Ukrainian agro producers, which have jumped due to the hryvnia devaluation. Ukrainian farmers have USD-linked expenses for the whole spectrum of seed and agrochemical products, machinery, and machinery parts used in plant production.

## 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	10.5	15.32	47%	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	28.5	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	1.5	1.4	-9%	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	79.0	80.8	2%	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	69.3	48.0	-31%	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	2760	5250	90%	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	4.8	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>						
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	91%	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	0.093	0.24	159%	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	1024.64	1368.76	908.88	-0.4%	0.3%	-3.6%	-0.8%	0.0%	0.0%	0.0%	0.0%
<b>Steel</b>												
Alchevsk Steel	ALMK	0.014	0.040	0.010	2.9%	-0.7%	-6.0%	-2.1%	3.3%	-1.0%	-2.4%	-1.2%
Azovstal	AZST	0.80	0.95	0.35	0.1%	-0.5%	-5.3%	7.4%	0.5%	-0.8%	-1.7%	8.2%
Enakievo Steel	ENMZ	17.57	65.00	14.03	4.3%	1.4%	1.1%	-16.1%	4.7%	1.2%	4.7%	-15.3%
<b>Coke</b>												
Avdyivka Coke	AVDK	1.16	3.62	0.86	-1.2%	-3.4%	-14.4%	-33.2%	-0.8%	-3.7%	-10.8%	-32.4%
Yasynivsky Coking	YASK	0.29	0.84	0.18	0.0%	20.8%	-3.3%	3.6%	0.4%	20.5%	0.3%	4.4%
<b>Iron Ore Mining</b>												
Centralny GOK	CGOK	6.40	n/a	n/a	11.3%	11.3%	-24.7%	-17.8%	11.7%	11.0%	-21.1%	-17.0%
Ferrexpo	FXPO	69.25	143.00	47.91	-1.1%	-9.8%	-9.5%	30.7%	-0.7%	-10.1%	-5.9%	31.5%
Pivnichny GOK	SGOK	6.90	12.30	4.44	0.0%	0.0%	-11.5%	-17.6%	0.4%	-0.3%	-7.9%	-16.7%
<b>Coal Mining</b>												
Pokrovske Mine	SHCHZ	0.39	0.79	0.17	0.0%	0.0%	18.2%	-17.0%	0.4%	-0.3%	21.8%	-16.2%
<b>Pipe Manufacturing</b>												
Khartsyzk Pipe	HRTR	0.23	0.94	0.20	0.0%	4.5%	-20.7%	-39.5%	0.4%	4.3%	-17.1%	-38.6%
<b>Railcar Manufacturing</b>												
Kryukiv Wagon	KVBZ	10.85	21.60	9.15	0.0%	-0.3%	-2.5%	-15.6%	0.4%	-0.6%	1.1%	-14.7%
Luhanskeplovoz	LTPL	1.10	1.80	0.85	0.0%	0.0%	-8.3%	1.9%	0.4%	-0.3%	-4.7%	2.7%
<b>Specialized Machinery</b>												
Motor Sich	MSICH	2760	2939	1970	0.0%	1.8%	-0.1%	11.2%	0.3%	1.6%	3.5%	12.0%
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%	0.0%	18.4%	0.4%	-0.3%	3.6%	19.3%
<b>Oil &amp; Gas</b>												
Regal Petroleum	RPT	4.75	9.25	3.13	0.0%	-0.1%	-4.9%	52.0%	0.4%	-0.4%	-1.3%	52.8%
JKX Oil	JKX	28.25	60.25	11.00	-0.9%	-2.6%	-5.8%	135.4%	-0.5%	-2.9%	-2.2%	136.3%
Ukrnafta	UNAF	281.9	375.0	54.0	1.0%	3.3%	3.5%	38.7%	1.4%	3.0%	7.1%	39.5%
<b>Power Utilities</b>												
Centrenergo	CEEN	7.83	8.70	3.00	-0.8%	-0.3%	-5.1%	3.8%	-0.5%	-0.5%	-1.5%	4.7%
Donbasenergo	DOEN	21.65	46.00	11.00	-1.6%	-0.3%	-8.0%	-34.4%	-1.2%	-0.6%	-4.4%	-33.6%
Zakhidenergo	ZAEN	167.0	199.8	91.2	7.1%	7.1%	0.6%	12.8%	7.4%	6.8%	4.2%	13.6%
<b>Consumer</b>												
Agroton	AGT	1.13	3.19	0.95	-5.0%	15.3%	18.9%	-8.1%	-4.7%	15.0%	22.6%	-7.3%
Astarta	AST	28.50	45.99	14.50	3.3%	0.4%	17.3%	42.5%	3.6%	0.1%	20.9%	43.3%
Avangardo	AVGR	1.50	10.27	1.50	0.0%	-14.5%	-44.4%	-26.8%	0.4%	-14.8%	-40.8%	-26.0%
Industrial Milk Company	IMC	5.00	10.39	4.38	n/a	5.3%	0.4%	-11.8%	n/a	5.0%	4.0%	-11.0%
Kernel	KER	38.25	39.25	22.00	0.0%	0.3%	6.0%	34.4%	0.4%	0.0%	9.6%	35.2%
Mriya Agro Holding	MAYA	0.16	4.73	0.05	0.0%	0.0%	128.6%	-71.5%	0.4%	-0.3%	132.2%	-70.7%
MHPC	MHPC	10.45	15.60	8.24	0.0%	-4.6%	-9.1%	13.6%	0.4%	-4.9%	-5.5%	14.4%
Milkiland	MLK	1.90	7.18	1.48	n/a	-6.9%	-21.5%	28.4%	n/a	-7.2%	-17.9%	29.2%
Ovostar Union	OVO	79.00	83.00	67.00	-1.3%	-1.3%	-4.8%	9.7%	-0.9%	-1.5%	-1.2%	10.6%
<b>Chemicals</b>												
Stirol	STIR	6.25	18.00	4.02	0.0%	0.0%	13.6%	-9.8%	0.4%	-0.3%	17.2%	-9.0%
<b>Banks</b>												
Raiffeisen Bank Aval	BAVL	0.093	0.160	0.086	-2.0%	2.3%	-3.1%	-3.4%	-1.6%	2.0%	0.5%	-2.6%
UkrSotsbank	USCB	0.087	0.200	0.085	-13.0%	-5.3%	-13.0%	-33.2%	-12.6%	-5.6%	-9.4%	-32.3%

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>																
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	-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	2,630	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	155	3.0%	5	148	neg	2.0	2.4	neg	0.8	1.2	0.1	0.1	0.1	32	33	33	\$/tonne
<b>Coke</b>																		
Avdyivka Coke	AVDK	10	6.8%	1	-29	neg	neg	neg	-0.6	neg	neg	0.0	-0.1	-0.1	-7	-7	-8	\$/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	345	0.3%	1	343	1.8	3.0	4.3	1.1	1.5	2.2	0.5	0.6	0.6				
Pivnichny GOK	SGOK	731	0.4%	3	724	1.3	2.3	3.2	0.8	1.1	1.6	0.4	0.5	0.5				
Ferrexpo	FXPO	641	24.0%	154	1,336	2.4	3.5	6.6	2.6	2.7	5.2	0.8	1.0	1.3				
<b>Pipe Manufacturing</b>																		
Khartsyzk Pipe	HRTR	27	2.0%	1	73	5.8	1.2	14.9	2.3	1.7	4.1	0.2	0.4	0.8	116	193	183	\$/tonne
<b>Railcar Manufacturing</b>																		
LuganskTeplovoz	LTPL	11	24.0%	3	48	0.6	neg	n/a	1.4	neg	n/a	0.1	0.4	n/a				
Krukiv Wagon	KVBZ	57	5.0%	3	51	1.4	neg	neg	1.0	neg	neg	0.1	0.4	0.8				
<b>Specialized Machinery</b>																		
Turboatom	TATM	68	5.8%	4	38	1.0	1.3	3.0	0.4	0.5	1.0	0.2	0.2	0.3				
Motor Sich	MSICH	264	24.0%	63	238	1.6	2.0	2.9	0.6	0.7	1.1	0.2	0.3	0.4				
<b>Telecom</b>																		
Ukrtelecom	UTLM	155	7.2%	11	246	neg	8.5	17.0	neg	2.9	3.4	0.3	0.6	1.0				
<b>Oil &amp; Gas</b>																		
Ukrnafta	UNAF	703	3.0%	21	711	>30	6.7	4.1	2.5	1.9	2.0	0.3	0.3	0.5	n/a	n/a	n/a	\$/boe
Regal Petroleum	RPT	24	21.6%	5	-1	neg	12.0	8.0	neg	-0.1	-0.1	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>																		
CentrEnergO	CEEN	133	21.7%	29	147	2.2	22.6	neg	1.6	5.7	neg	0.2	0.2	0.5	8	11	9	\$/MWh
DonbasEnergO	DOEN	24	14.2%	3	57	0.4	2.8	neg	0.8	2.8	neg	0.1	0.1	0.3	7	7	7	\$/MWh
<b>Consumer</b>																		
MHP	MHPC	1,104	34.1%	377	2,242	6.8	neg	>30	5.7	4.0	4.3	1.5	1.6	2.0				
Kernel	KER	832	61.8%	514	1,307	7.9	neg	8.4	4.5	5.9	3.2	0.5	0.5	0.6				
Astarta	AST	194	37.0%	72	405	5.7	neg	neg	4.5	2.8	4.1	0.8	1.0	1.2				
Avangardco	AVGR	96	22.5%	22	322	0.4	neg	neg	1.1	2.5	3.4	0.5	0.8	0.9	73	55	52	\$/mneqgs
Ovostar	OVO	129	25.0%	32	138	4.2	5.0	5.3	3.9	4.7	5.5	1.7	1.8	1.7	n/a	n/a	n/a	
<b>Banks</b>																		
						P/E			P/Book			P/Assets						
Raiffeisen Bank Aval	BAVL	128	3.5%	5		1.4	neg	neg	0.1	0.3	0.4	0.02	0.04	0.06				
Ukrsotsbank	USCB	74	1.0%	1		>30	>30	>30	0.1	0.1	0.2	0.02	0.03	0.04				

Source: Eavex Research

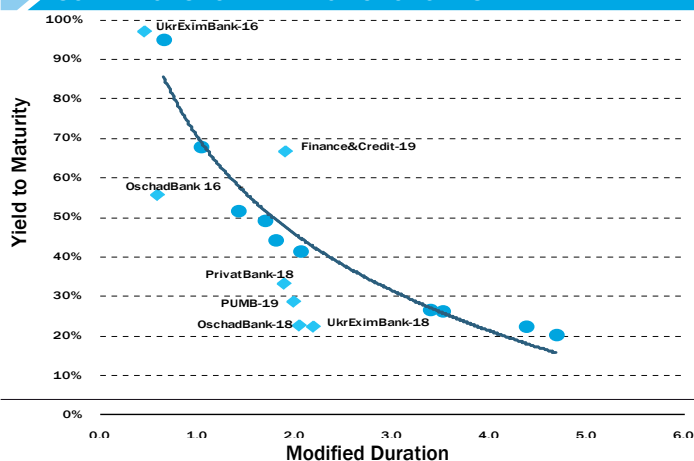
UKRAINIAN EUROBONDS

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)	52.0	53.5	281.7%	266.0%	-22.4%	0.2	4.95%	A	13 Oct 2015	600*	Ca/CC/CC
Ukraine, 2015	52.0	53.6	370.7%	347.7%	-25.0%	0.1	6.875%	S/A	23 Sept 2015	500	Ca/CC/CC
Ukraine, 2016	47.8	49.1	70.8%	68.2%	-22.7%	1.0	6.58%	S/A	21 Nov 2016	1,000	Ca/CC/CC
Ukraine, 2016-2	47.6	48.8	102.5%	98.5%	-25.6%	0.6	6.25%	S/A	17 Jun 2016	1,250	Ca/CC/CC
Ukraine, 2017	47.6	49.1	44.3%	42.5%	-23.5%	1.8	6.75%	S/A	14 Nov 2017	700	Ca/CC/CC
Ukraine, 2017-2	46.5	48.0	55.4%	53.2%	-24.1%	1.4	9.25%	S/A	24 Jul 2017	2,000	Ca/CC/CC
Ukraine, 2017 Infr. projects	46.3	47.8	49.1%	47.2%	-23.6%	1.7	8.375%	S/A	3 Nov 2017	568	Ca//
Ukraine, 2018 Infr. projects	46.0	47.5	41.5%	39.9%	-22.1%	2.0	7.40%	S/A	20 Apr 2018	690	Ca//
Ukraine, 2020	47.6	48.6	26.9%	26.3%	-19.3%	3.4	7.75%	S/A	23 Sept 2020	1,500	Ca/CC/CC
Ukraine, 2021	51.5	52.5	24.0%	23.5%	-12.4%	3.6	7.95%	S/A	23 Feb 2021	1,500	Ca/CC/CC
Ukraine, 2022	49.5	51.0	21.8%	21.1%	-16.5%	4.5	7.80%	S/A	28 Nov 2022	1,250	Ca/CC/CC
Ukraine, 2023	52.1	52.5	19.6%	18.8%	-11.8%	4.7	7.50%	S/A	17 Apr 2023	1,250	Ca/CC/CC
<b>Corporate Eurobonds</b>											
Agroton, 2019	30.1	39.3	48.2%	37.5%	2.6%	2.6	8.00%	S/A	14 Jul 2019	50	//RD
MHP, 2020	81.0	83.0	13.8%	13.1%	18.8%	3.6	8.25%	S/A	2 Apr 2020	750	/CCC-/CCC
Avangardco, 2015	47.0	51.0	324.0%	278.1%	-24.0%	0.2	10.00%	S/A	29 Oct 2015	200	//WD
UkrLandFarming, 2018	48.5	51.5	45.2%	42.0%	7.5%	1.8	10.88%	S/A	26 Mar 2018	500	/CC/WD
Mriya, 2016	16.0	18.0	469.4%	420.7%	30.8%	0.2	10.95%	S/A	30 Mar 2016	72	/SD/RD
Mriya, 2018	16.0	18.0	101.3%	93.7%	30.8%	1.6	9.45%	S/A	19 Apr 2018	400	/SD/RD
DTEK, 2018	45.0	48.0	48.5%	45.1%	n/a	1.8	10.375%	S/A	28 Mar 2018	160	Ca//C
DTEK, 2018	44.0	47.0	45.1%	41.8%	0.0%	1.9	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	57.0	60.0	39.5%	36.6%	-16.4%	1.2	10.50%	S/A	28 Nov 2017	290	Caa3//C
Metinvest, 2018	55.0	58.0	36.6%	34.0%	1.8%	1.9	8.75%	S/A	14 Feb 2018	750	Caa3//C
Ferrexpo, 2016	89.0	91.0	23.7%	20.6%	16.9%	0.7	7.88%	S/A	07 Apr 2016	286	Caa3/CCC/C
Ferrexpo, 2019	85.0	87.0	15.8%	15.0%	n/a	2.6	10.38%	S/A	07 Apr 2019	161	Caa3/CCC/C
RailUA, 2018	61.0	64.0	30.6%	28.4%	17.8%	2.2	9.50%	S/A	21 May 2018	500	/CC/C
Interpipe, 2017	25.0	35.0	118.6%	86.0%	-45.5%	1.1	10.25%	S/A	2 Aug 2017	200	//
JKX Oil&Gas, 2018	69.6	74.0	29.5%	26.6%	23.4%	1.3	8.00%	S/A	19 Feb 2018	40	
<b>Bank Eurobonds</b>											
Fin&Credit Bank, 2019	23.0	30.0	70.2%	56.8%	-68.1%	1.9	9.25%	S/A	25 Jan 2019	100	//
PUMB, 2018	51.5	54.5	35.7%	33.4%	-21.5%	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	66.0	68.0	204.6%	187.8%	7.2%	0.2	9.38%	S/A	23 Sept 2015	200	Cau//CC
PrivatBank, 2016	44.0	46.0	191.0%	177.7%	-9.1%	0.3	8.75%	S/A	9 Feb 2016	150	Cau//CC
PrivatBank, 2018	64.0	66.0	31.7%	30.2%	9.2%	1.9	10.88%	S/A	28 Feb 2018	175	Cau//CC
UkrEximBank, 2015	74.0	76.0	n/a	n/a	-3.2%	0.1	8.38%	S/A	27 Jul 2015	750	WR//C
UkrEximBank, 2016	58.0	63.0	115.2%	95.5%	27.4%	0.4	5.79%	S/A	2 Sept 2016	125	Ca//C
UkrEximBank, 2018	72.0	74.0	23.8%	22.5%	29.2%	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	73.0	75.0	58.9%	54.1%	26.5%	0.5	8.25%	S/A	10 Mar 2016	700	Ca//CC
Oschadbank, 2018	72.0	74.0	23.2%	21.9%	29.3%	2.1	8.88%	S/A	20 Mar 2018	500	Ca//CC
<b>Municipal Eurobonds</b>											
City of Kyiv, 2015	45.0	55.0	332.2%	225.8%	-31.1%	0.2	8.00%	S/A	6 Nov 2015	250	Ca/CC/CC
City of Kyiv, 2016	45.0	55.0	108.3%	79.6%	-29.3%	0.7	9.375%	S/A	30 Jun 2016	300	Ca/CC/CC

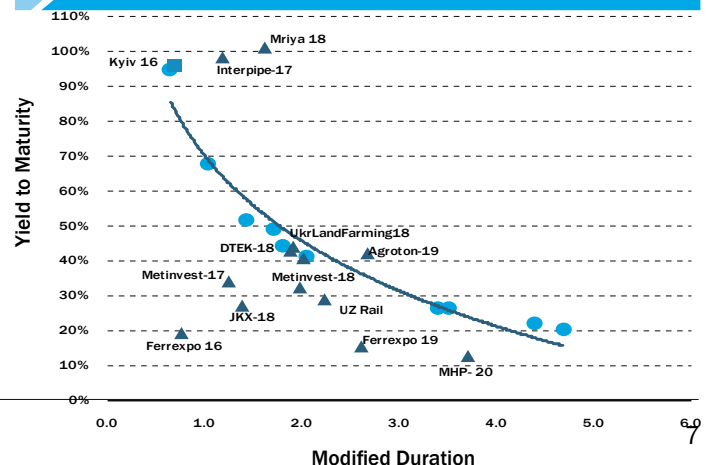
<sup>1</sup> Moody's/S&P/Fitch; \* EUR

Source: Bloomberg, Cbonds, Eavex Research

SOVEREIGNS vs. BANKING 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>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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