

Market Update

Equity

Kyiv-listed stocks ended mostly lower on Monday (Jul 20) as they started the new week amid a lack of fresh growth drivers. The UX index edged down 0.3% to close at 979 points. UkrNafta (UNAF) shed 0.6% to UAH 292 per share. In news relating to the UNAF stock, Naftogaz acknowledged that UkrNafta's minority shareholders have appealed to the London Court of International Arbitration demanding compensation from Naftogaz for natural gas supplied by UkrNafta during 2006-2011. In the electricity sector, CentrEnergO (CEEN) and DonbasEnergO (DOEN) declined by 0.8% and 0.3% respectively. On the upside, Yenakievo Steel (ENMZ) leapt 10.6% to UAH 17.95. Motor Sich (MSICH) was unchanged at UAH 2622. In second-tier names, Metinvest's iron ore producer Pivnichny GOK (SGOK) moved down 1.8% to UAH 6.70. In London, Ferrexpo (FXPO) slipped below GBp 57 on a 2.6% drop, while Kernel (KER) added 2.8% to PLN 41.00 in Warsaw after the company reported its operating update for the Apr-Jun quarter.

Fixed Income

Ukrainian sovereigns were sluggish on Monday with Ukraine-23s up by 0.1p.p. to 55.1/56.4 (18.6%/18.2%). Corporate names were flat. MHP-20s and Metinvest-18s finished unchanged at 80.5/82.5 (14.1%/13.4%) and 55.0/58.0 (37.6%/34.8%), respectively.

Volume Leaders	Ticker	Last, UAH	1D ch	Volume, UAH mn	Number of Trades
Motor Sich	MSICH	2622.00	0.1%	0.6	43
CentrenergO	CEEN	7.47	-0.8%	0.4	61
DonbasenergO	DOEN	20.60	-0.3%	0.3	9

Growth Leaders

Yenakievo Steel	ENMZ	17.95	10.6%	0.20	25
Motor Sich	MSICH	2622.00	0.1%	0.57	43
DonbasenergO	DOEN	20.60	-0.3%	0.27	9

Loss Leaders

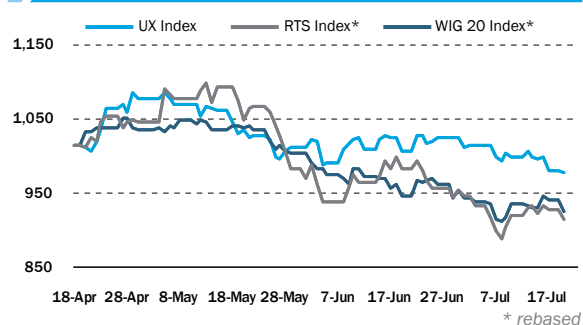
Avdyivka Coke	AVDK	1.06	-3.8%	0.013	19
Pivnichny GOK	SGOK	6.70	-1.7%	0.058	17
Azovstal	AZST	0.76	-1.7%	0.023	22

Highlights

STOCKS IN THE NEWS

- > Kernel Reports Record Seed Crushing Volume for FY15

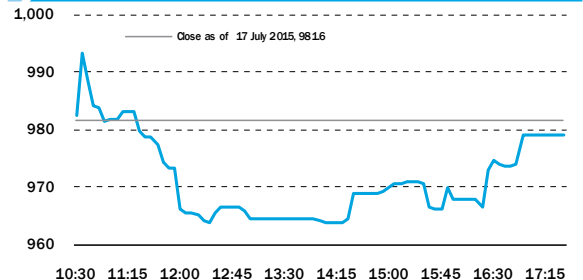
STOCK MARKET PERFORMANCE



MARKET INDEXES

	Last	1D ch	1M ch	YTD
UX	979.0	-0.3%	-2.8%	-5.3%
RTS	900.7	-1.3%	-6.9%	13.9%
WIG20	2244.6	-1.8%	-2.4%	-3.1%
MSCI EM	935.5	-0.7%	-4.0%	-2.2%
S&P 500	2128.3	0.1%	0.9%	3.4%

UX INTRADAY JULY 20, 2015



FIXED INCOME

	Last	1D ch	1M ch	YTD
EMBI+Global	389.8	-0.6%	-0.6%	-3.6%
CDS 5Y UKR	2450.0	0.0%	-16.9%	11.4%
Ukraine-17	37.0%	-0.1 p.p.	-6.7 p.p.	11.3 p.p.
MHP-20	13.7%	0.0 p.p.	0.2 p.p.	-3.8 p.p.
Ukraine-23	18.5%	0.0 p.p.	-1.3 p.p.	11.0 p.p.
Privatbank-18	28.5%	0.0 p.p.	-2.5 p.p.	-4.1 p.p.

CURRENCY

	Last, UAH	1D ch	1M ch	YTD
USD	22.85	1.1%	5.3%	44.4%
EUR	24.74	1.0%	0.4%	29.3%
RUB	0.40	1.1%	1.1%	45.9%

COMMODITIES

	Last	1D ch	1M ch	YTD
Wheat, USD/t*	214.0	0.0%	4.7%	-13.0%
Steel, USD/t	352.5	-1.4%	-4.7%	-21.7%
Oil, USD/bbl	56.7	-0.8%	-11.2%	-4.3%
Gold, USD/oz	1096.7	-3.3%	-8.6%	-7.4%

*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

Kernel Reports Record Seed Crushing Volume for FY15

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KERNEL (KER PW)

Price: PLN 41.0 Market Cap: USD 859mn

	EV/S	P/E	EV/EBITDA	Div. Yield
FY14	0.6	neg	6.0	2%
FY15E	0.6	8.6	3.2	2%

NEWS

Kernel, Ukraine's largest sunflower oil producer, increased its sunflower seed crushing volume by 8% YoY to a full-year record high of 2.52mn tonnes during its 2015 financial year (July to June), the group said in its release on Monday (Jul 20). Sunflower oil sales in bulk rose by 12% to 1.03mn tonnes, while bottled sunflower oil sales grew by 5% YoY to 98,900 mn liters. Robust crop harvests in Ukraine/Russia last season, including a strong in-house harvest, allowed Kernel's trading division to increase its grain sales by 12% YoY to 4.74mn tonnes in FY15. The company's export terminals increased throughput by 23% YoY to 4.82mn tonnes. Meanwhile, drier weather conditions led to a 2% YoY decline in grain received in inland silos to 2.52mn tonnes over the year.

In the April-June quarter (4Q15), Kernel sold 300,000 tonnes of sunflower oil in bulk (+1% YoY), driven by strong export demand and positive price dynamics. The sunflower crushing volume declined by 8% YoY to 611,900 tonnes (due to diminishing seed inventory; in FY14 Ukraine harvested 10.1mn tonnes of sunflower, down from 11.1mn tonnes in FY13). Grain sales in Apr-Jun increased by 11% YoY to 788,300 tonnes. Export terminal throughput rose by 13% YoY to 949,600 tonnes.

Kernel is scheduled to report its FY15 financial results on Oct 30.

COMMENTARY

With actual grain sales of 4.74mn tonnes for FY15, Kernel has met its management guidance issued in October 2014, which forecasted sales of 4.5-5.0mn tonnes. Importantly, the company managed to outperform its projection for sunflower crushing volume set at 2.4-2.5mn tonnes. In addition, apart from the aforementioned record high sunflower crushing volume in FY15, another new record set this year was grain sales volume. We see the FY15 operational data as clearly positive for the KER stock, and we reiterate our BUY recommendation for the issue.

EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
Agriculture						
Kernel	KER PW	41.0	56.50	38%	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	10.5	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 land bank in Ukraine to 500,000 ha in the medium term from the current 290,000 ha.
Astarta	AST PW	34.2	36.1	6%	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.
IMC	IMC PW	5.2	9.4	81%	BUY	We believe IMC operates a high-quality business model while its stock looks heavily oversold. IMC's ongoing land bank expansion program, lack of exposure to the Donbass, and high standards of corporate governance more than offset the disadvantage of the stock's low trading volume.
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	80.0	80.8	1%	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.
Iron Ore						
Ferrexpo	FXPO LN	56.5	48.0	-15%	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.
Steel						
Azovstal	AZST	0.76	0.56	-27%	SELL	Non-transparent reporting practices detrimentally affect Azovstal's reported earnings.
Coke						
Avdyivka Coke	AVDK	1.06	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.
Specialized Machinery						
Motor Sich	MSICH	2622	5250	100%	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%.
Oil & Gas						
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	19.5	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.
Power Utilities						
DonbasEnergO	DOEN	20.6	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	7.47	15.00	101%	BUY	CentrEnergO's privatization has been postponed, but the company retains a strong fundamental value due to its large installed electricity generation capacity.
Banks						
Raiffeisen Bank Aval	BAVL	0.089	0.24	170%	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	979.04	1368.76	908.88	-0.3%	-2.9%	-2.8%	-5.3%	0.0%	0.0%	0.0%	0.0%
Steel												
Alchevsk Steel	ALMK	0.013	0.040	0.010	-2.3%	-2.3%	-0.8%	-13.8%	-2.1%	0.5%	2.0%	-8.5%
Azovstal	AZST	0.76	0.95	0.54	-1.7%	-2.4%	-2.7%	2.0%	-1.4%	0.4%	0.1%	7.3%
Enakievo Steel	ENMZ	17.95	65.00	14.03	12.1%	7.5%	9.6%	-14.3%	12.4%	10.4%	12.4%	-9.1%
Coke												
Avdyivka Coke	AVDK	1.06	3.62	0.86	-3.8%	-8.0%	-5.5%	-38.8%	-3.6%	-5.1%	-2.7%	-33.6%
Yasynivsky Coking	YASK	0.22	0.79	0.18	0.0%	-4.3%	-24.1%	-21.4%	0.3%	-1.5%	-21.4%	-16.2%
Iron Ore Mining												
Centralny GOK	CGOK	6.96	n/a	n/a	0.0%	0.0%	8.7%	-10.7%	0.3%	2.9%	11.5%	-5.4%
Ferrexpo	FXPO	56.50	142.50	47.91	-2.6%	-10.0%	-18.7%	6.6%	-2.3%	-7.1%	-15.9%	11.9%
Pivnichny GOK	SGOK	6.70	12.30	4.44	-2.2%	-2.2%	-2.9%	-20.0%	-1.9%	0.7%	-0.1%	-14.7%
Coal Mining												
Pokrovske Mine	SHCHZ	0.25	n/a	n/a	-3.8%	-3.8%	19.0%	-46.8%	-3.6%	-1.0%	21.8%	-41.6%
Pipe Manufacturing												
Khartsyzk Pipe	HRTR	0.20	0.79	0.20	0.0%	-4.8%	-13.0%	-47.4%	0.3%	-1.9%	-10.3%	-42.1%
Railcar Manufacturing												
Kryukiv Wagon	KVBZ	9.49	19.35	9.05	2.9%	-3.5%	-5.6%	-26.1%	3.2%	-0.6%	-2.8%	-20.9%
Luhanskeplovoz	LTPL	1.35	1.80	0.51	0.0%	35.0%	22.7%	25.0%	0.3%	37.9%	25.5%	30.3%
Specialized Machinery												
Motor Sich	MSICH	2622	2939	1970	0.2%	-4.0%	-3.1%	5.6%	0.4%	-1.1%	-0.3%	10.8%
Turboatom	TATM	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Telecom												
Ukrtelecom	UTLM	0.14	0.21	0.10	0.0%	0.0%	-22.2%	-7.9%	0.3%	2.9%	-19.4%	-2.6%
Oil & Gas												
Regal Petroleum	RPT	5.02	9.25	3.13	-8.8%	0.6%	24.4%	60.5%	-8.6%	3.5%	27.2%	65.7%
JKX Oil	JKX	19.50	51.75	11.00	0.0%	6.8%	-30.4%	62.5%	0.3%	9.7%	-27.6%	67.8%
Ukrnafta	UNAF	291.8	375.0	80.0	-0.6%	-0.9%	2.6%	43.5%	-0.3%	1.9%	5.4%	48.8%
Power Utilities												
Centrenergo	CEEN	7.47	8.70	3.70	-0.8%	-3.4%	-3.3%	-1.0%	-0.5%	-0.6%	-0.5%	4.3%
Donbasenergo	DOEN	20.60	42.00	11.00	-0.3%	-3.7%	-6.4%	-37.6%	0.0%	-0.8%	-3.6%	-32.3%
Zakhidenergo	ZAEN	167.0	199.8	100.0	0.0%	0.0%	0.0%	12.8%	0.3%	2.9%	2.8%	18.0%
Consumer												
Agroton	AGT	1.06	2.82	0.95	-1.9%	-5.4%	-3.6%	-13.8%	-1.6%	-2.5%	-0.9%	-8.6%
Astarta	AST	34.21	40.01	14.50	1.8%	13.1%	18.0%	71.1%	2.1%	16.0%	20.8%	76.3%
Avangardo	AVGR	1.10	9.55	1.00	0.0%	8.9%	-22.5%	-46.3%	0.3%	11.8%	-19.7%	-41.1%
Industrial Milk Company	IMC	5.15	8.80	4.38	n/a	9.1%	7.3%	-9.2%	n/a	12.0%	10.1%	-3.9%
Kernel	KER	41.00	41.00	22.00	2.8%	5.7%	8.2%	44.1%	3.1%	8.5%	11.0%	49.3%
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	10.45	15.60	8.24	-0.5%	1.0%	2.5%	13.6%	-0.2%	3.8%	5.2%	18.8%
Milkiland	MLK	1.42	5.96	1.42	n/a	-6.6%	-21.1%	-4.1%	n/a	-3.7%	-18.3%	1.2%
Ovostar Union	OVO	80.00	83.00	67.00	-1.2%	1.3%	2.6%	11.1%	-1.0%	4.1%	5.4%	16.4%
Chemicals												
Stirol	STIR	6.30	14.13	4.02	0.0%	-9.9%	0.8%	-9.1%	0.3%	-7.0%	3.6%	-3.8%
Banks												
Raiffeisen Bank Aval	BAVL	0.089	0.150	0.086	1.0%	-1.9%	-1.9%	-7.3%	1.3%	1.0%	0.9%	-2.0%
UkrSotsbank	USCB	0.088	0.197	0.064	0.0%	1.7%	6.0%	-32.4%	0.3%	4.6%	8.8%	-27.2%

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
Steel																
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%
Coke																
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
Iron Ore Mining																
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%
Pipe Manufacturing																
Khartsyzk Pipe	HRTR	310	193	92	31	43	18	10.1%	22.6%	19.3%	5	23	2	1.5%	11.7%	2.0%
Railcar Manufacturing																
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
Specialized Machinery																
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%
Telecom																
Ukrtelecom	UTLM	796	412	251	-199	85	72	neg	20.6%	28.5%	-279	18	9	neg	4.4%	3.6%
Oil & Gas																
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%
Electric Utilities																
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
Consumer																
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%
Banks																
		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			
Steel																		
Alchevsk Steel	ALMK	14	3.9%	1	2,628	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	1.1	0.2	0.0	0.0	0.0	2	2	2	\$/tonne
Azovstal	AZST	140	3.0%	4	134	neg	1.8	2.1	neg	0.7	1.1	0.1	0.1	0.1	29	30	29	\$/tonne
Coke																		
Avdivka Coke	AVDK	9	6.8%	1	-30	neg	neg	neg	-0.7	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
Iron Ore Mining																		
Centralny GOK	CGOK	357	0.3%	1	355	1.8	3.1	4.4	1.1	1.6	2.2	0.5	0.6	0.6				
Pivnichny GOK	SGOK	675	0.4%	3	669	1.2	2.1	3.0	0.7	1.0	1.4	0.4	0.5	0.5				
Ferrexpo	FXPO	515	24.0%	124	1,210	2.0	2.8	5.3	2.4	2.4	4.7	0.8	0.9	1.1				
Pipe Manufacturing																		
Khartsyzk Pipe	HRTR	23	2.0%	0	68	4.8	1.0	12.3	2.2	1.6	3.9	0.2	0.4	0.7	109	180	171	\$/tonne
Railcar Manufacturing																		
LuganskTeplovoz	LTPL	13	24.0%	3	50	0.7	neg	n/a	1.4	neg	n/a	0.2	0.4	n/a				
Krukiv Wagon	KVBZ	48	5.0%	2	41	1.1	neg	neg	0.8	neg	neg	0.1	0.3	0.6				
Specialized Machinery																		
Turboatom	TATM	65	5.8%	4	34	0.9	1.2	2.8	0.4	0.5	0.9	0.2	0.2	0.3				
Motor Sich	MSICH	238	24.0%	57	213	1.5	1.8	2.6	0.6	0.6	1.0	0.2	0.2	0.3				
Telecom																		
Ukrtelecom	UTLM	115	7.2%	8	205	neg	6.3	12.6	neg	2.4	2.9	0.3	0.5	0.8				
Oil & Gas																		
Ukrnafta	UNAF	693	3.0%	21	700	29.7	6.6	4.1	2.4	1.8	1.9	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	10.4	2.4	2.3	2.3	0.9	1.1	1.1	29	22	21	\$/boe
Electric Utilities																		
CentrEnerg	CEEN	121	21.7%	26	135	2.0	20.5	neg	1.4	5.2	neg	0.1	0.2	0.4	8	10	8	\$/MWh
DonbasEnerg	DOEN	21	14.2%	3	53	0.3	2.5	neg	0.7	2.7	neg	0.1	0.1	0.3	6	7	7	\$/MWh
Consumer																		
MHP	MHPC	1,104	34.1%	377	2,204	6.8	neg	>30	5.6	4.0	4.2	1.5	1.6	1.9				
Kernel	KER	858	61.8%	530	1,333	8.2	neg	8.6	4.6	6.0	3.2	0.5	0.6	0.6				
Astarta	AST	225	37.0%	83	435	6.6	neg	neg	4.8	3.0	4.4	0.9	1.0	1.3				
Avangardco	AVGR	70	22.5%	16	296	0.3	neg	neg	1.0	2.3	3.2	0.4	0.7	0.8	67	51	48	\$/mneqgs
Ovostar	OVO	126	25.0%	32	134	4.1	4.9	5.2	3.8	4.6	5.4	1.7	1.8	1.7	n/a	n/a	n/a	
Banks																		
						P/E			P/Book			P/Assets						
Raiffeisen Bank Aval	BAVL	117	3.5%	4		1.3	neg	neg	0.1	0.3	0.4	0.02	0.04	0.05				
Ukrsotsbank	USCB	71	1.0%	1		>30	>30	>30	0.1	0.1	0.2	0.02	0.03	0.04				

Source: Eavex Research

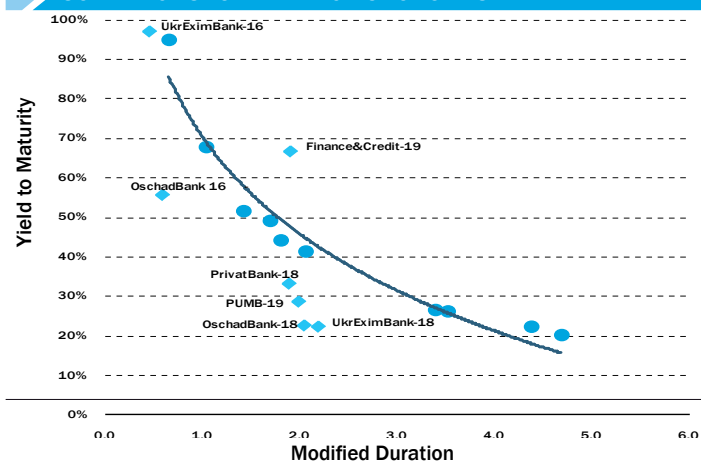
UKRAINIAN EUROBONDS

Issue	Price (Bid)	Price (Ask)	YTM (Bid)	YTM (Ask)	Price chg. (YTD)	Modified Duration	Coupon	Coupon Period	Maturity Date	Volume USD mn	Ratings ¹
Sovereign Eurobonds											
Ukraine, 2015 (EUR)	54.9	56.0	346.5%	331.7%	-18.4%	0.1	4.95%	A	13 Oct 2015	600*	Ca/CC/CC
Ukraine, 2015	54.7	56.8	496.8%	456.9%	-20.7%	0.1	6.875%	S/A	23 Sept 2015	500	Ca/CC/CC
Ukraine, 2016	55.1	56.4	60.4%	58.1%	-11.2%	1.0	6.58%	S/A	21 Nov 2016	1,000	Ca/CC/CC
Ukraine, 2016-2	55.0	56.4	88.5%	84.6%	-14.0%	0.6	6.25%	S/A	17 Jun 2016	1,250	Ca/CC/CC
Ukraine, 2017	54.8	56.3	37.7%	36.2%	-12.2%	1.8	6.75%	S/A	14 Nov 2017	700	Ca/CC/CC
Ukraine, 2017-2	54.0	54.8	47.2%	46.2%	-12.6%	1.4	9.25%	S/A	24 Jul 2017	2,000	Ca/CC/CC
Ukraine, 2017 Infr. projects	53.6	54.6	41.8%	40.7%	-12.0%	1.7	8.375%	S/A	3 Nov 2017	568	Ca//
Ukraine, 2018 Infr. projects	53.3	54.5	35.3%	34.2%	-10.2%	2.0	7.40%	S/A	20 Apr 2018	690	Ca//
Ukraine, 2020	53.5	55.0	23.9%	23.1%	-9.0%	3.5	7.75%	S/A	23 Sept 2020	1,500	Ca/CC/CC
Ukraine, 2021	55.0	56.3	22.5%	21.9%	-6.3%	3.6	7.95%	S/A	23 Feb 2021	1,500	Ca/CC/CC
Ukraine, 2022	55.6	56.9	19.4%	18.9%	-6.5%	4.6	7.80%	S/A	28 Nov 2022	1,250	Ca/CC/CC
Ukraine, 2023	55.1	56.4	18.6%	18.2%	-6.0%	4.7	7.50%	S/A	17 Apr 2023	1,250	Ca/CC/CC
Corporate Eurobonds											
Agroton, 2019	28.4	32.3	48.1%	43.1%	-10.4%	2.6	8.00%	S/A	14 Jul 2019	50	//RD
MHP, 2020	80.5	82.5	14.1%	13.4%	18.1%	3.5	8.25%	S/A	2 Apr 2020	750	/CCC-/CCC
Avangardco, 2015	47.0	51.0	419.2%	359.9%	-24.0%	0.1	10.00%	S/A	29 Oct 2015	200	//WD
UkrLandFarming, 2018	48.5	51.5	46.2%	43.0%	-3.8%	1.7	10.88%	S/A	26 Mar 2018	500	/CC/WD
Mriya, 2016	16.0	18.0	586.1%	521.7%	30.8%	0.2	10.95%	S/A	30 Mar 2016	72	/SD/RD
Mriya, 2018	16.0	18.0	106.5%	98.4%	30.8%	1.5	9.45%	S/A	19 Apr 2018	400	/SD/RD
DTEK, 2018	43.0	45.0	52.1%	49.6%	n/a	1.5	10.375%	S/A	28 Mar 2018	160	Ca//C
DTEK, 2018	43.0	45.0	47.4%	45.0%	-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	40.5%	37.5%	-16.4%	1.1	10.50%	S/A	28 Nov 2017	290	Caa3//C
Metinvest, 2018	55.0	58.0	37.6%	34.8%	1.8%	1.8	8.75%	S/A	14 Feb 2018	750	Caa3//C
Ferrexpo, 2019	84.7	86.0	16.0%	15.5%	n/a	2.5	10.375%	S/A	07 Apr 2019	186	Caa3//C
Ferrexpo, 2019	85.0	87.0	15.9%	15.1%	n/a	2.5	10.375%	S/A	07 Apr 2019	161	Caa3//C
RailUA, 2018	66.5	68.5	27.2%	25.8%	27.3%	2.1	9.50%	S/A	21 May 2018	500	/CC/C
Interpipe, 2017	25.0	35.0	128.7%	92.2%	-45.5%	1.0	10.25%	S/A	2 Aug 2017	200	//
JKX Oil&Gas, 2018	70.6	73.0	29.7%	28.0%	23.3%	1.2	8.00%	S/A	19 Feb 2018	40	
Bank Eurobonds											
Fin&Credit Bank, 2019	23.0	30.0	71.8%	58.0%	-68.1%	1.8	9.25%	S/A	25 Jan 2019	100	//
PUMB, 2018	55.0	58.0	33.5%	31.4%	-16.3%	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	278.8%	255.0%	10.4%	0.1	9.38%	S/A	23 Sept 2015	200	Cau//CC
PrivatBank, 2016	59.0	61.0	133.2%	123.2%	21.2%	0.3	8.75%	S/A	9 Feb 2016	150	Cau//CC
PrivatBank, 2018	68.0	70.0	29.3%	27.8%	16.0%	1.9	10.88%	S/A	28 Feb 2018	175	Cau//CC
UkrEximBank, 2015	82.0	85.0	n/a	n/a	7.7%	0.0	8.38%	S/A	27 Jul 2015	750	WR//C
UkrEximBank, 2016	60.0	65.0	128.1%	105.0%	31.6%	0.3	5.79%	S/A	2 Sept 2016	125	Ca//C
UkrEximBank, 2018	78.0	80.0	20.4%	19.2%	39.8%	2.1	8.75%	S/A	22 Jan 2018	600	Ca//C
VAB Bank, 2019	2.0	6.0	n/a	n/a	-38.5%	n/a	9.00%	Q	14 Jun 2019	88	//WD
Oschadbank, 2016	77.0	79.0	56.0%	50.9%	33.3%	0.5	8.25%	S/A	10 Mar 2016	700	Ca//CC
Oschadbank, 2018	75.0	77.0	21.7%	20.5%	34.6%	2.1	8.88%	S/A	20 Mar 2018	500	Ca//CC
Municipal Eurobonds											
City of Kyiv, 2015	45.0	55.0	425.3%	289.1%	-31.1%	0.2	8.00%	S/A	6 Nov 2015	250	Ca/CC/CC
City of Kyiv, 2016	45.0	55.0	119.3%	87.1%	-29.3%	0.7	9.375%	S/A	30 Jun 2016	300	Ca/CC/CC

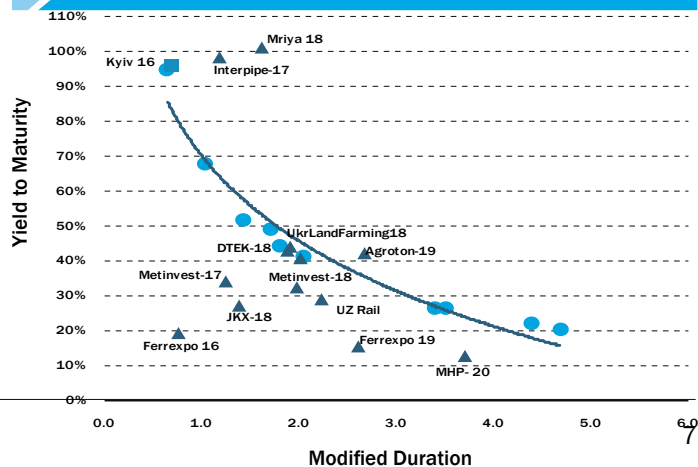
¹ Moody's/S&P/Fitch; * EUR

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
UAH denominated Bonds									
UA4000142665			25%	20%	n/a	14.30%	S/A	24 May 2017	n/a
VAT Bonds									
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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