

**Market Update**

**Equity**

Most Kyiv-listed stocks saw limited action on Monday (Apr 20), as the UX index inched lower by 0.3% to 1011 points. UkrNafta (UNAF) was the exception to the slow-moving trend, dropping 2.9% to UAH 243 per share as it appears that some large market player has been gradually unloading its position in the stock, which has lost around 3% each day for the last six consecutive sessions. Electricity names were higher, with CentrEnergO (CEEN) rising 1.0% to just below UAH 8 and DonbasEnergO (DOEN) picking up 0.8%. Volume leader Motor Sich (MSICH) was essentially unchanged at UAH 2600 per share on turnover of UAH 2.3mn. In London, it was a mixed session for Ukrainian names. Ferrexpo (FXPO) climbed 0,7% to Gbp 68.75 while low-liquidity Avangard (AVGR) slid 10% to USD 2.50. Warsaw-listed Kernel (KER) edged down 0.9% to PLN 38.25 after the company's mixed-result operational update, and Agroton (AGT) shed 0.9% to close at PLN 1.15.

**Fixed Income**

Ukrainian sovereigns were lower on Monday with Ukraine-23s dropping by 0.4p.p. to 44.5/45.8 (22.9%/22.1%). Corporate names were mixed. UkrlandFarming-18s improved by 2.5p.p. to 39.0/42.0 (55.0%/51.1%) while Metinvest-18s declined by 0.5p.p. closing at 54.0/56.0 (36.1%/34.3%).

Volume Leaders	Ticker	Last, UAH	1D ch	Volume, UAH mn	Number of Trades
Motor Sich	MSICH	2605.00	-0.1%	2.3	18
Ukrnafta	UNAF	242.70	-2.9%	1.3	143
CentrenergO	CEEN	7.99	1.0%	0.8	55

**Growth Leaders**

CentrenergO	CEEN	7.99	1.0%	0.76	55
DonbasenergO	DOEN	22.46	0.8%	0.68	17
Alchevsk Steel	ALMK	0.01	0.8%	0.00	11

**Loss Leaders**

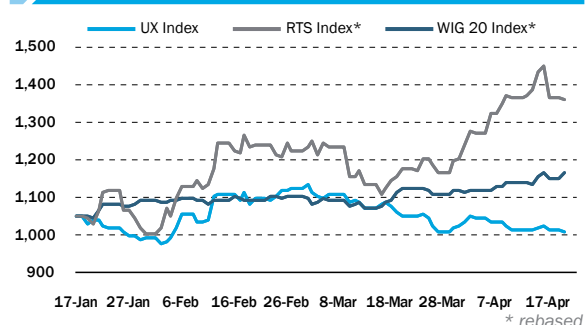
Ukrnafta	UNAF	242.70	-2.9%	1.307	143
Yenakievo Steel	ENMZ	17.40	-1.2%	0.003	8
Azovstal	AZST	0.79	-1.0%	0.015	14

**Highlights**

**STOCKS IN THE NEWS**

- > Kernel Operated at Close to Full Seed-Crushing Capacity Over Jan-Mar
- > CentrEnergO Reports Sharp Drop in Net Profit for FY14

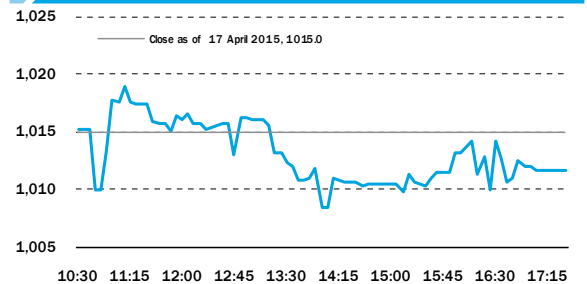
**STOCK MARKET PERFORMANCE**



**MARKET INDEXES**

	Last	1D ch	1M ch	YTD
UX	1011.6	-0.3%	-3.8%	-2.1%
RTS	995.7	-0.3%	15.5%	25.9%
WIG20	2505.3	1.7%	4.1%	8.2%
MSCI EM	1033.8	-0.9%	6.6%	8.1%
S&P 500	2100.4	0.9%	-0.4%	2.0%

**UX INTRADAY APRIL 20, 2015**



**FIXED INCOME**

	Last	1D ch	1M ch	YTD
EMBI+Global	392.9	-0.7%	-6.3%	-2.8%
CDS 5Y UKR	3884.6	0.0%	65.4%	73.9%
Ukraine-17	47.2%	1.0 p.p.	-3.6 p.p.	21.5 p.p.
Ferrexpo-16	31.7%	-0.7 p.p.	-1.0 p.p.	0.4 p.p.
Ukraine-23	22.7%	0.2 p.p.	-1.0 p.p.	15.2 p.p.
Privatbank-16	217.7%	-15.9 p.p.	-29.8 p.p.	132.3 p.p.

**CURRENCY**

	Last, UAH	1D ch	1M ch	YTD
USD	22.85	9.1%	4.1%	44.4%
EUR	24.54	8.4%	3.3%	28.2%
RUB	0.43	7.6%	16.8%	57.8%

**COMMODITIES**

	Last	1D ch	1M ch	YTD
Wheat, USD/t*	199.5	0.0%	-4.2%	-18.9%
Steel, USD/t	372.5	0.7%	-1.3%	-17.2%
Oil, USD/bbl	63.5	0.0%	12.4%	7.2%
Gold, USD/oz	1195.9	-0.7%	1.1%	0.9%

\*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

## Kernel Operated at Close to Full Seed-Crushing Capacity Over Jan-Mar

by Ivan Dzvinka  
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### KERNEL (KER PW)

Price: PLN 38.25 Market Cap: USD 819mn

	EV/S	P/E	EV/EBITDA	Div. Yield
FY14	0.6	neg	7.0	2%
FY15E	0.7	6.6	4.8	2%

### NEWS

Kernel, Ukraine's largest sunflower oil producer, released strong set of operating results for the 9-month period ending Mar 31 on Monday (Apr 20). Grain sales increased by 12% YoY to 3.96mn tonnes, and a 15% YoY growth in seed-crushing volume to 1.91mn tonnes led to expansion in sunflower oil sales in bulk by 17% to 729,900 tonnes and in retail bottling by 7% to 80.8mn liters. Kernel's export terminal throughput increased by 26% to 3.87mn tonnes over the stated period.

In the Jan-Mar quarter alone (3Q15 on the company's reporting calendar), the group's grain sales rose by 2% YoY to 1.33mn tonnes on the back of a rich harvest in the company's farming segment and in Ukraine overall. The volume of seeds crushed in the quarter inched down by 0.7% to 704,000 tonnes, keeping the company close to full crushing capacity utilization. Sunflower oil sales in bulk decreased by 6% YoY to 249,200 tonnes over Jan-Mar due to what the company said was an altered schedule of forward sales contracts. Meanwhile, bottled oil sales moved up by 5% to 23.8mn liters; explaining this, Kernel cited higher domestic demand due to consumers' expectation of higher inflation. Export terminal throughput in the quarter rose by 18% to 1.22mn tonnes, as Kernel used its own terminals for its increased exports.

Total acreage sown this season in Kernel's farming segment is expected by management to increase by 3% YoY to 383,200 hectares. Land under winter wheat was increased by 2.5x to 73,000 ha, with acreage under winter rapeseed at 11,000 ha (after nil last season). Soya should be sown on 65,000 ha (+3% YoY), while management targets a drop in land use under corn to 157,000 ha (-12% YoY) and sunflower to 57,000 ha (-14%).

Kernel's financial results for the Jan-Mar 2015 quarter are expected to be published on May 28.

### COMMENTARY

Given Kernel's earlier operational projections for FY15 (which ends on 30 June 2015) of 2.4-2.5mn tonnes of seeds crushed and 4.5-5.0mn tonnes of grain sold, the company's 9M results represent 78% (for seeds crushed) and 83% (for grain sold) fulfillment of the mid-point of the targets. We thus see a high probability that Kernel will at least meet its guidance. Another piece of encouraging news for the stock is that the group continues to utilize almost all of its seed-crushing capacity. Overall, we treat this operational release as impressive, and reiterate our BUY recommendation for the KER stock with a target price of PLN 50.2 per share.

## CentrEnergO Reports Sharp Drop in Net Profit for FY14

by Dmitry Churin  
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### CENTRENERGO (CEEN UK)

Price: UAH 7.99 Market Cap: USD 140mn

	P/B	EV/S	P/E	EV/EBITDA	Div. Yield
2014	0.5	0.2	23.8	4.9	0.7%
2015E	0.5	0.3	neg	neg	0.0%

## NEWS

CentrEnergO, Ukraine's second-largest thermal electricity generation company, reported that its net profit slumped by 85% YoY to UAH 70.6mn (USD 5.9mn at the average UAH/USD exchange rate for the period) in full-year 2014, according to financial statements published on Monday (Apr 20). CentrEnergO's net revenue rose by 1.4% YoY in UAH terms to UAH 7.6bn while EBITDA dropped by 59.6% YoY to UAH 311mn (USD 26mn). The company's EBITDA margin declined from 10.3% in FY13 to 4.1% in FY14, and the net margin was just 0.9%. On the balance sheet side, CentrEnergO's total debt was UAH 380mn as of 31 Dec 2014. Cash and cash equivalents stood at UAH 395mn for the same date.

### CENTRENERGO FY14 FINANCIALS

UAH mn	2014	2013	chg.
Net revenue	7558	7454	1.4%
EBITDA	311.1	769.5	-59.6%
margin	4.1%	10.3%	-6.2 p.p.
Net Income	70.6	487.0	-85.5%
net margin	0.9%	6.5%	-5.6 p.p.

Source: Company data.

## COMMENTARY

At just a few million dollars, CentrEnergO's FY14 bottom line is barely above the negligible level. The fourth quarter is historically an unprofitable period for Ukrainian thermal power generation, and the situation was exacerbated by limited access to cheap coal due to the Donbass war; CentrEnergO had a net loss of UAH 148mn in 4Q14 compared to a net loss of UAH 39mn in 4Q13. The company, which is 78% state-owned but is likely to be privatized by Ukraine's new reformist government, has been facing a shortage of anthracite coal since last summer, and it is clear that its 1Q15 financial results will be much worse than those from a year ago. Another big uncertainty facing CentrEnergO is the fate of its Vuglegorsk power plant, which is located very near the demarcation line between Ukrainian- and separatist-controlled territory in Donetsk province.

As a state-controlled company, CentrEnergO is obligated to pay out at least 30% of its net profit to shareholders. We estimate that the potential FY14 dividend will amount to UAH 0.057 per share, implying an anemic dividend yield of 0.7%.

## EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
<b>Agriculture</b>						
Kernel	KER PW	38.3	50.2	31%	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	11.0	17.96	63%	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	24.0	90.0	275%	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	2.5	1.4	-45%	SELL	Loss 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	73.0	80.8	11%	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	68.8	48.0	-30%	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	0.79	0.56	-30%	SELL	Non-transparent reporting practices detrimentally affect Azovstal's reported earnings.
<b>Coke</b>						
Avdyivka Coke	AVDK	1.38	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	2605	5250	102%	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	4.8	U/R	--	U/R	The company has been constantly missed production targets since 2012.
JKX Oil & Gas	JKX	29.5	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	22.5	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	7.99	15.00	88%	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	0.097	0.24	148%	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	1011.64	1368.76	908.88	-0.3%	-0.5%	-3.8%	-2.1%	0.0%	0.0%	0.0%	0.0%
<b>Steel</b>												
Alchevsk Steel	ALMK	0.013	0.045	0.011	0.8%	-0.8%	3.1%	-9.0%	1.1%	-0.3%	6.9%	-6.9%
Azovstal	AZST	0.79	0.95	0.35	-1.2%	0.3%	1.8%	6.6%	-0.9%	0.7%	5.6%	8.7%
Enakievo Steel	ENMZ	17.40	65.00	14.81	-1.2%	-1.0%	2.4%	-16.9%	-0.9%	-0.6%	6.1%	-14.8%
<b>Coke</b>												
Avdyivka Coke	AVDK	1.38	3.62	1.10	-0.1%	1.1%	-4.6%	-20.4%	0.3%	1.6%	-0.9%	-18.3%
Yasnyivsky Coking	YASK	0.30	0.84	0.18	0.0%	7.1%	-14.3%	7.1%	0.3%	7.6%	-10.5%	9.2%
<b>Iron Ore Mining</b>												
Centralny GOK	CGOK	6.10	n/a	n/a	0.0%	0.0%	-33.7%	-21.7%	0.3%	0.5%	-29.9%	-19.6%
Ferrexpo	FXPO	68.75	155.00	47.91	0.7%	5.0%	19.6%	29.7%	1.1%	5.4%	23.4%	31.8%
Pivnichny GOK	SGOK	7.80	12.30	4.44	0.0%	-6.4%	-6.0%	-6.8%	0.3%	-5.9%	-2.2%	-4.7%
<b>Coal Mining</b>												
Pokrovske Mine	SHCHZ	0.29	0.79	0.17	0.0%	26.1%	-39.6%	-38.3%	0.3%	26.5%	-35.8%	-36.2%
<b>Pipe Manufacturing</b>												
Khartsyzk Pipe	HRTR	0.39	1.01	0.20	-2.5%	-2.5%	-23.5%	2.6%	-2.2%	-2.0%	-19.7%	4.7%
<b>Railcar Manufacturing</b>												
Kryukiv Wagon	KVBZ	10.33	21.60	9.73	-0.1%	-0.5%	-6.5%	-19.6%	0.2%	0.0%	-2.7%	-17.5%
Luhanskteplovoz	LTPL	1.50	1.80	0.85	0.0%	0.0%	0.0%	38.9%	0.3%	0.5%	3.8%	41.0%
<b>Specialized Machinery</b>												
Motor Sich	MSICH	2605	2939	1672	-0.1%	1.1%	-5.6%	4.9%	0.2%	1.6%	-1.8%	7.0%
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	0.20	0.09	0.0%	9.0%	21.6%	21.6%	0.3%	9.5%	25.4%	23.7%
<b>Oil &amp; Gas</b>												
Regal Petroleum	RPT	4.77	10.25	3.13	0.0%	0.3%	16.3%	52.6%	0.3%	0.8%	20.1%	54.7%
JKX Oil	JKX	29.50	62.00	11.00	1.7%	-4.8%	-10.6%	145.8%	2.1%	-4.4%	-6.8%	147.9%
Ukrnafta	UNAF	242.7	375.0	54.0	-3.3%	-14.7%	-20.8%	19.4%	-2.9%	-14.3%	-17.0%	21.5%
<b>Power Utilities</b>												
Centrenergo	CEEN	7.99	8.70	3.00	0.5%	1.3%	-0.7%	6.0%	0.8%	1.7%	3.1%	8.0%
Donbasenergo	DOEN	22.46	50.16	11.00	0.6%	2.1%	1.6%	-31.9%	1.0%	2.5%	5.4%	-29.8%
Zakhidenergo	ZAEN	150.0	199.8	91.2	0.0%	-13.8%	-16.2%	1.3%	0.3%	-13.3%	-12.4%	3.4%
<b>Consumer</b>												
Agroton	AGT	1.15	3.19	1.05	-0.9%	2.7%	-7.3%	-6.5%	-0.5%	3.1%	-3.5%	-4.4%
Astarta	AST	24.00	47.95	14.50	0.0%	0.0%	2.3%	20.0%	0.3%	0.5%	6.0%	22.1%
Avangardo	AVGR	2.50	10.27	1.83	-9.9%	-3.8%	-17.9%	22.0%	-9.6%	-3.4%	-14.1%	24.0%
Industrial Milk Company	IMC	5.69	10.39	5.00	3.5%	-0.5%	8.4%	0.4%	3.8%	-0.1%	12.2%	2.4%
Kernel	KER	38.25	39.25	22.00	-0.9%	0.5%	-1.6%	34.4%	-0.6%	1.0%	2.1%	36.5%
Mriya Agro Holding	MAYA	0.32	5.25	0.32	-0.6%	-20.0%	-25.4%	-43.1%	-0.3%	-19.5%	-21.6%	-41.0%
MHPC	MHPC	11.00	15.77	8.24	0.0%	-3.5%	23.6%	19.6%	0.3%	-3.1%	27.4%	21.7%
Milkiland	MLK	2.78	7.57	1.48	-3.5%	16.3%	-1.8%	87.8%	-3.1%	16.8%	2.0%	89.9%
Ovostar Union	OVO	73.00	74.87	64.00	0.0%	4.3%	5.0%	1.4%	0.3%	4.7%	8.8%	3.5%
<b>Chemicals</b>												
Stirol	STIR	6.00	n/a	n/a	0.0%	-8.4%	-31.8%	-13.4%	0.3%	-7.9%	-28.0%	-11.3%
<b>Banks</b>												
Raiffeisen Bank Aval	BAVL	0.097	0.190	0.086	-0.9%	2.3%	-2.8%	0.9%	-0.6%	2.8%	1.0%	3.0%
UkrSotsbank	USCB	0.110	0.200	0.090	0.0%	-0.1%	1.3%	-15.6%	0.3%	0.4%	5.1%	-13.5%

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	1,250	1,063	-7	45	48	neg	3.6%	4.5%	-61	-125	-48	neg	neg	neg
Azovstal	AZST	2,562	1,793	1,524	-81	153	103	neg	8.5%	6.7%	-308	77	50	neg	4.3%	3.3%
<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	5	10.9%	neg	7.5%	42	-23	-4	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	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	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	418	94	26	-26	10.3%	4.1%	neg	60	6	-23	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	1,524	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	422	355	91	143	109	15.5%	28.3%	25.5%	34	-82	27	5.8%	neg	6.3%
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	2,765	888	390	376	723	327	276	90	-87	-41	10.1%	-22.2%	-10.9%
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	2,628	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	neg	neg	0.1	0.1	0.0	0.0	0.0	2	2	2	\$/tonne
Azovstal	AZST	146	3.0%	4	139	neg	1.9	2.9	neg	0.9	1.4	0.1	0.1	0.1	30	31	31	\$/tonne
<b>Coke</b>																		
Avdyivka Coke	AVDK	12	6.8%	1	-27	neg	neg	neg	-0.6	neg	neg	0.0	-0.1	-0.1	-6	-7	-7	\$/tonne
Yasynivsky Coke	YASK	4	9.0%	0	4	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	313	0.3%	1	311	1.6	2.7	3.9	1.0	1.4	2.0	0.5	0.5	0.6				
Pivnichny GOK	SGOK	787	0.4%	3	780	1.4	2.4	3.5	0.9	1.2	1.7	0.5	0.5	0.6				
Ferrexpo	FXPO	598	24.0%	144	1,276	2.3	3.3	6.1	2.5	2.6	5.0	0.8	0.9	1.2				
<b>Pipe Manufacturing</b>																		
Khartsyzk Pipe	HRTR	44	2.0%	1	90	9.4	2.0	24.1	2.9	2.1	5.1	0.3	0.5	1.0	143	237	225	\$/tonne
<b>Railcar Manufacturing</b>																		
LuganskTeplovoz	LTPL	14	24.0%	3	52	0.7	neg	n/a	1.4	neg	n/a	0.2	0.4	n/a				
Krukiv Wagon	KVBZ	52	5.0%	3	46	1.2	neg	neg	0.9	neg	9.2	0.1	0.3	0.7				
<b>Specialized Machinery</b>																		
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	237	24.0%	57	223	1.5	1.8	3.6	0.6	0.7	1.4	0.2	0.3	0.5				
<b>Telecom</b>																		
Ukrtelecom	UTLM	151	7.2%	11	236	8.9	9.5	19.0	1.2	2.3	3.3	0.3	0.6	1.1				
<b>Oil &amp; Gas</b>																		
Ukrnafta	UNAF	576	3.0%	17	572	24.7	18.2	>30	2.0	3.6	4.3	0.2	0.3	0.5	n/a	n/a	n/a	\$/boe
Regal Petroleum	RPT	23	21.6%	5	-2	neg	11.4	7.6	neg	-0.1	-0.2	-0.1	-0.1	-0.1	n/a	n/a	n/a	\$/boe
JKX Oil & Gas	JKX	75	50.4%	38	184	11.6	neg	15.0	2.8	2.7	2.6	1.0	1.3	1.2	34	25	24	\$/boe
<b>Electric Utilities</b>																		
CentrEnerg	CEEN	129	21.7%	28	128	2.2	22.0	neg	1.4	4.9	neg	0.1	0.2	0.3	7	9	8	\$/MWh
DonbasEnerg	DOEN	23	14.2%	3	54	0.4	2.8	neg	0.7	2.7	neg	0.1	0.1	0.3	7	7	7	\$/MWh
<b>Consumer</b>																		
MHP	MHPC	1,162	34.1%	396	2,242	7.2	neg	12.0	5.7	4.2	4.1	1.5	1.5	1.5				
Kernel	KER	819	61.8%	506	1,554	7.8	neg	6.6	5.3	7.0	4.8	0.6	0.6	0.7				
Astarta	AST	161	37.0%	60	409	4.7	neg	6.0	4.5	2.8	3.8	0.8	1.0	1.2				
Avangardco	AVGR	160	22.5%	36	386	0.7	neg	neg	1.3	3.0	4.1	0.6	0.9	1.1	87	66	62	\$/mneqgs
Ovostar	OVO	118	25.0%	29	125	3.8	4.6	4.8	3.5	4.3	5.0	1.5	1.7	1.6	n/a	n/a	n/a	
<b>Banks</b>																		
						P/E			P/Book			P/Assets						
Raiffeisen Bank Aval	BAVL	127	3.5%	4		1.4	neg	neg	0.1	0.3	0.3	0.02	0.04	0.05				
Ukrsotsbank	USCB	89	1.0%	1		>30	>30	>30	0.1	0.2	0.2	0.02	0.03	0.04				

Source: Eavex Research

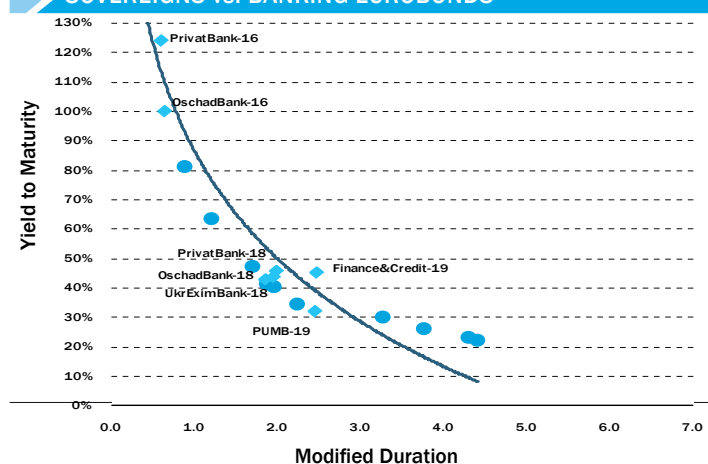
## UKRAINIAN EUROBONDS

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)	45.0	47.0	252.8%	234.2%	-32.3%	0.2	4.95%	A	13 Oct 2015	600*	Ca/CC/CC
Ukraine, 2015	49.0	50.5	262.2%	248.0%	-29.3%	0.2	6.875%	S/A	23 Sept 2015	500	Ca/CC/CC
Ukraine, 2016	43.1	44.3	72.9%	70.4%	-30.3%	1.0	6.58%	S/A	21 Nov 2016	1,000	Ca/CC/CC
Ukraine, 2016-2	43.1	44.4	99.7%	95.9%	-32.5%	0.7	6.25%	S/A	17 Jun 2016	1,250	Ca/CC/CC
Ukraine, 2017	42.8	43.8	47.8%	46.5%	-31.6%	1.7	6.75%	S/A	14 Nov 2017	700	Ca/CC/CC
Ukraine, 2017-2	43.0	44.0	57.2%	55.7%	-30.1%	1.5	9.25%	S/A	24 Jul 2017	2,000	Ca/CC/CC
Ukraine, 2017 Infr. projects	40.5	42.0	54.3%	52.2%	-32.9%	1.6	8.375%	S/A	3 Nov 2017	568	Ca//
Ukraine, 2018 Infr. projects	39.5	41.5	47.1%	44.7%	-32.5%	2.1	7.40%	S/A	20 Apr 2018	690	Ca//
Ukraine, 2020	42.8	43.0	29.6%	29.4%	-28.1%	3.4	7.75%	S/A	23 Sept 2020	1,500	Ca/CC/CC
Ukraine, 2021	43.0	44.0	28.5%	27.9%	-26.8%	3.5	7.95%	S/A	23 Feb 2021	1,500	Ca/CC/CC
Ukraine, 2022	43.0	44.0	24.8%	24.3%	-27.7%	4.0	7.80%	S/A	28 Nov 2022	1,250	Ca/CC/CC
Ukraine, 2023	44.5	45.8	22.9%	22.1%	-23.9%	4.6	7.50%	S/A	17 Apr 2023	1,250	Ca/CC/CC
<b>Corporate Eurobonds</b>											
Agroton, 2019	30.1	35.3	45.4%	39.5%	-3.3%	2.7	8.00%	S/A	14 Jul 2019	50	//RD
MHP, 2015	95.0	99.0	310.4%	67.6%	2.1%	0.0	10.25%	S/A	29 Apr 2015	235	Caa3//CC
MHP, 2020	71.0	73.8	17.2%	16.1%	4.9%	3.7	8.25%	S/A	2 Apr 2020	750	/CCC//CC
Avangardco, 2015	40.6	40.6	299.6%	299.6%	-37.1%	0.2	10.00%	S/A	29 Oct 2015	200	/CCC-/
UkrLandFarming, 2018	39.0	42.0	55.0%	51.1%	-12.9%	1.9	10.88%	S/A	26 Mar 2018	500	/CC/
Mriya, 2016	11.0	14.0	466.6%	386.3%	-3.8%	0.3	10.95%	S/A	30 Mar 2016	72	/SD/RD
Mriya, 2018	11.0	14.0	116.9%	101.5%	-3.8%	1.6	9.45%	S/A	19 Apr 2018	400	/SD/RD
DTEK, 2015	67.0	72.0	n/a	n/a	-10.3%	0.0	9.50%	S/A	28 Apr 2015	200	Caa3//C
DTEK, 2018	43.0	46.0	44.3%	41.1%	-2.2%	2.1	7.88%	S/A	4 Apr 2018	750	Caa3//C
Metinvest, 2015	68.0	73.0	603.8%	478.6%	-12.4%	0.1	10.25%	S/A	20 May 2015	114	Caa3//RD
Metinvest, 2017	57.0	62.0	37.9%	33.5%	-15.0%	1.2	10.50%	S/A	28 Nov 2017	290	//RD
Metinvest, 2018	54.0	56.0	36.1%	34.3%	-0.9%	2.0	8.75%	S/A	14 Feb 2018	750	Caa3//RD
Ferrexpo, 2016	80.0	83.0	34.0%	29.5%	5.8%	0.8	7.88%	S/A	07 Apr 2016	286	Caa3/CCC/CC
Ferrexpo, 2019	77.6	80.0	18.6%	17.6%	n/a	2.6	10.38%	S/A	07 Apr 2019	161	Caa3/CCC/CC
UZ Rail, 2018	53.0	56.1	35.9%	33.4%	2.8%	2.1	9.50%	S/A	21 May 2018	500	/CC/CC
Interepipe, 2017	15.0	25.0	158.0%	104.9%	-63.6%	1.1	10.25%	S/A	2 Aug 2017	200	//
JKX Oil&Gas, 2018	70.1	73.4	28.1%	26.0%	23.2%	1.5	8.00%	S/A	19 Feb 2018	40	
<b>Bank Eurobonds</b>											
Fin&Credit Bank, 2019	10.0	15.0	121.1%	92.3%	-84.9%	1.4	9.25%	S/A	25 Jan 2019	100	Ca//
PUMB, 2018	43.5	48.5	41.6%	37.2%	-31.9%	2.3	11.00%	Q	31 Dec 2018	275	Ca//
Nadra Bank, 2018	7.0	12.0	n/a	n/a	-24.0%	0.2	6.25%	A	31 Jul 2018	60	//
PrivatBank, 2015	48.0	53.0	273.5%	225.9%	-19.2%	0.2	9.38%	S/A	23 Sept 2015	200	Ca//
PrivatBank, 2016	30.0	35.0	239.2%	198.7%	-34.3%	0.4	8.75%	S/A	9 Feb 2016	150	Ca//
PrivatBank, 2018	45.0	50.0	48.3%	42.8%	-28.6%	1.9	10.88%	S/A	28 Feb 2018	175	Ca//CC
UkrEximBank, 2015	67.0	67.0	n/a	n/a	-13.5%	0.0	8.38%	S/A	27 Apr 2015	750	Ca//CC
UkrEximBank, 2016	37.0	45.0	185.0%	140.4%	-13.7%	0.5	5.79%	S/A	2 Sept 2016	125	Ca//CC
UkrEximBank, 2018	59.0	62.0	32.3%	29.9%	7.1%	2.0	8.75%	S/A	22 Jan 2018	500	Ca//CC
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	64.0	67.0	69.0%	62.0%	12.0%	0.7	8.25%	S/A	10 Mar 2016	700	Ca//CC
Oschadbank, 2018	63.0	65.0	28.4%	27.0%	13.3%	2.2	8.88%	S/A	20 Mar 2018	500	Ca//CC
<b>Municipal Eurobonds</b>											
City of Kyiv, 2015	42.1	45.6	263.1%	230.2%	-39.5%	0.2	8.00%	S/A	6 Nov 2015	250	Ca/CC/
City of Kyiv, 2016	42.3	45.4	101.8%	92.8%	-38.0%	0.8	9.375%	S/A	30 Jun 2016	300	Ca/CC/

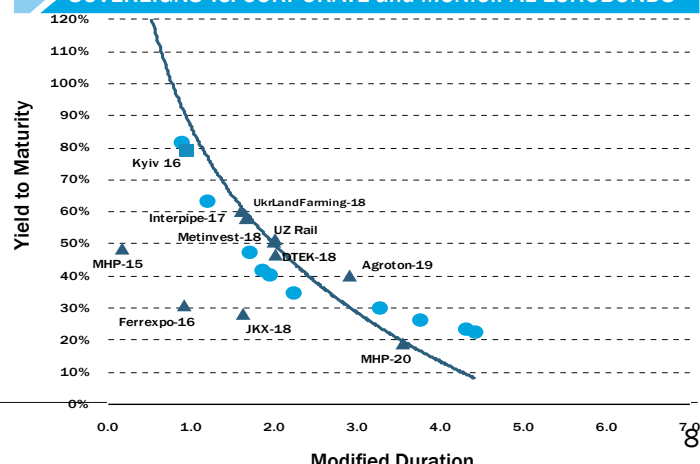
<sup>1</sup> Moody's/S&P/Fitch; \* EUR

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>									
UA4000141592					n/a	14.30%	S/A	20 May 2015	n/a
UA4000142665			30%	26%	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			30%	26%	n/a	5.50%	S/A	21 Aug 2015	n/a
UA4000082622			30%	26%	n/a	5.50%	S/A	24 Aug 2015	n/a
UA4000083059			30%	26%	n/a	5.50%	S/A	25 Aug 2015	n/a
UA4000185151			30%	26%	1.9	9.50%	S/A	8 Jul 2019	3,577
UA4000185557			30%	26%	1.9	9.50%	S/A	22 Jul 2019	2,171
UA4000186159			30%	26%	1.9	9.50%	S/A	20 Aug 2019	955

Source: Bloomberg, Cbonds, Eavex Research

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