

**Market Update**

**Equity**

Kyiv-listed stocks finished lower on Wednesday (Feb 10), weighed down by a tough but expected statement from IMF Managing Director Christine Lagarde that lending to Ukraine will remain under question without a substantial effort to fight corruption inside the governing power structures. The UX index declined by 0.8%, finishing at 620 points. Azovstal (AZST) was once again the worst performing blue chip, sliding 4.0% to 28.70 kopecks. Among other losers, Yenakievo Steel (ENMZ) dropped 1.8% to UAH 12.77 per share. On the upside, CentrEnergO (CEEN) and DonbasEnergO (DOEN edged up by 0.3% and 1.4% respectively. On the interbank currency market, the hryvnia slipped 0.5% to bid/ask of 25.94/26.03 UAH/USD. In London trading, poultry producer MHP (MHPC) jumped 10.3% to get back to the USD 8 level. In Warsaw, sporadically-traded crop grower Agroton (AGT) surged 22% to PLN 1.05 and Kernel (KER) picked up 0.8% to PLN 44.50.

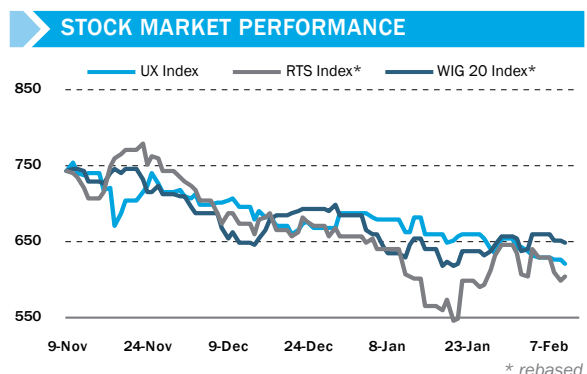
**Fixed Income**

Ukrainians sovereigns managed to pause their 4-day slide on Wednesday, with Ukraine-19s and Ukraine-27s regaining 0.8p.p. and 0.5p.p. to end at 88.3/89.3 (12.0%/11.6%) and 81.5/82.5(10.6%/10.4%), respectively. In corporate names, top issue MHP-20s declined by 1.8p.p. to 82.9/84.4 (13.8%/13.3%) while Ferrexpo-19s edged up by 0.5p.p., closing at 40.0/43.0 (67.6%/62.2%).

**Highlights**

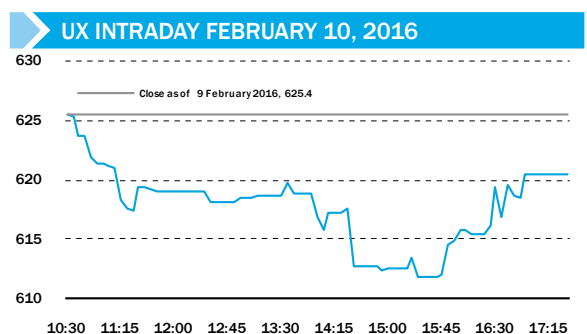
**STOCKS IN THE NEWS**

- UkrNafta Reports FY15 Oil Output of 12mn Barrels (-11% YoY)



**MARKET INDEXES**

	Last	1D ch	1M ch	YTD
UX	620.4	-0.8%	-8.5%	-9.5%
RTS	696.6	0.9%	-5.5%	-8.0%
WIG20	1761.0	-0.4%	2.1%	-5.3%
MSCI EM	730.6	0.1%	-1.3%	-7.7%
S&P 500	1851.9	0.0%	-3.7%	-10.3%



**FIXED INCOME**

	Last	1D ch	1M ch	YTD
EMBI+Global	524.7	0.1%	12.2%	18.8%
CDS 5Y UKR	1050.0	0.0%	0.0%	0.0%
Ukraine-19	11.7%	0.9 p.p.	2.2%	4.0%
Ukraine-27	10.5%	-0.1 p.p.	1.1%	2.7%
MHP-20	13.5%	0.6 p.p.	1.0 p.p.	1.4 p.p.
RAILUA-18	19.0%	0.0 p.p.	2.0 p.p.	2.3 p.p.

**CURRENCY**

	Last, UAH	1D ch	1M ch	YTD
USD	25.95	0.1%	11.1%	8.0%
EUR	29.31	0.1%	13.1%	11.6%
RUB	0.33	1.4%	5.5%	1.0%

**COMMODITIES**

	Last	1D ch	1M ch	YTD
Wheat, USD/t*	171.0	0.0%	-5.3%	-6.3%
Steel, USD/t	260.0	0.0%	3.0%	3.0%
Oil, USD/bbl	30.8	1.7%	-11.6%	-16.4%
Gold, USD/oz	1197.1	0.7%	8.4%	12.8%

\*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

**UkrNafta Reports FY15 Oil Output of 12mn Barrels (-11% YoY)**

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**UKRNAFTA (UNAF UK)**

Price: UAH 151 Market Cap: USD 316mn

	P/B	EV/S	P/E	EV/EBITDA	Div. Yield
2015E	0.4	0.2	2.0	1.3	n/a
2016E	0.4	0.3	9.5	2.6	n/a

**NEWS**

UkrNafta, Ukraine’s largest oil producer, reported that its oil and condensate output dropped by 11.5% YoY to 12.2mn barrel equivalents (boe) in full-year 2015, according to the company’s press release published on Wednesday (Feb 10). UkrNafta also decreased its natural gas extraction by 13.5% YoY to 1.5bn cubic meters (cu-m) in the period. Overall gas extraction in Ukraine declined by 3.1% YoY to 19.2bn cu-m in 2015 (around 80% of Ukrainian gas is extracted by the state via Naftogaz subsidiary UkrGazVydobuvannya; UkrNafta is the second-largest producer).

**COMMENTARY**

UkrNafta said that the main reason for the fall in production is the natural decline in its fields’ yield, which was accompanied by small investment into drilling of new wells and workover of wells last year. The company’s total CapEx in FY15 was only UAH 550mn (USD 25mn), or only half of management’s recommended investment into production. UkrNafta CEO Mark Rollins told domestic media earlier this week that an oil price below USD 25 per barrel will “ruin” the company, implying that such pricing would force the company to begin taking production off line. Rollins said that in FY16 the company should invest UAH 1.3bn (USD 50mn) in production. He said that the investment program would be kept under review and increased in the case world oil prices improve over the course of the year. For us, UkrNafta’s low level of CapEx during 2010-2015 was an obvious signal of the company’s bad management. Nevertheless, it is unrealistic to expect that in times of cheap oil, UkrNafta can find the resources to invest into new drilling. On the positive side, UkrNafta has large room for cost-cutting and business optimization in the upstream segment, and we believe that the company can definitely increase its profitability in the petroleum retailing business. Meanwhile, UkrNafta’s huge tax debt of UAH 10bn remains a notable drag on its development. In our view, one way or another, the government will restructure UkrNafta’s tax debt, giving it the necessary financial resources to stabilize its oil&gas production.

The Kyiv-listed UNAF stock has been in a clear downward corridor since September 2015. We now see a lower boundary for the corridor at UAH 130 per share, while the upper boundary lies at UAH 160.

## EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
<b>Agriculture</b>						
Kernel	KER PW	44.5	57.20	29%	BUY	The group's stock looks undervalued currently even after taking into account an expected decrease in earnings in FY16 due to lowering in seed-crushing margin from an exceptionally high level of FY15.
MHP	MHPC LI	8.0	12.03	50%	BUY	MHP's new soybean processing plant and expected launch of new breeding facilities in early 2016 bodes well for optimization of its poultry production cost. The group's long-term targets are a 50% expansion in poultry output to 900,000 tonnes by 2019 and a 40% land bank increase to 550,000ha.
Astarta	AST PW	28.0	36.1	29%	BUY	Astarta has made decisive moves toward diversification (it opened a soybean processing plant in early 2014) and cost optimization (a bioenergy complex was launched in 2014). Astarta's exposure to UAH devaluation is largely offset by its UAH cost base, and it has no assets in the Donbass.
IMC	IMC PW	6.1	9.4	54%	BUY	IMC's quality agribusiness model suggests to us that the company's stock is undervalued. IMC's work on debt reduction, its ongoing land bank expansion program, and high standards of corporate governance are all positive factors offsetting the stock's low trading volume.
AvangardCo	AVGR LI	0.8	U/R	--	U/R	A massive loss on the EBITDA level of almost USD 100mn for 1H15 has damaged Avangard's financial reporting credibility.
Ovostar Union	OVO PW	91.3	80.8	-11%	U/R	Ovostar managed to increase its EBITDA by 15% YoY to USD 24mn in 9M15, as a drop in devaluation-driven egg pricing in USD terms was offset by strong growth in output, rising export sales, and high hryvnia egg inflation (+60% YoY in 9M15).
<b>Iron Ore</b>						
Ferrexpo	FXPO LN	20.3	11.0	-46%	SELL	The long slide in benchmark iron ore prices, exacerbated by a reduction in the pellet-to-fines premium, has hammered Ferrexpo's earnings in 2015. Gloomy outlook for 2016 suggests even more depressed results in the next year.
<b>Steel</b>						
Azovstal	AZST	0.29	0.56	94%	SELL	Non-transparent accounting practices overseen by majority owner Metinvest 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	1713	5250	206%	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	2.7	U/R	--	U/R	Regal has repeatedly missed its production targets since 2012.
JKX Oil & Gas	JKX	25.0	U/R	--	U/R	The launch of extraction at JKX's Russian gas field has lifted output, but the company's higher-margin Ukrainian operations continue to lag behind expectations.
<b>Power Utilities</b>						
DonbasEnerg	DOEN	15.0	U/R	--	U/R	The Donetsk separatist government has nationalized DonbasEnerg's Starobeshevo power plant, which previously accounted for about 70% of the company's installed power-generating capacity.
CenterEnerg	CEEN	4.39	15.00	242%	BUY	CenterEnerg'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	0.071	0.24	240%	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	620.41	1158.71	611.88	-0.8%	-2.7%	-8.5%	-9.5%	0.0%	0.0%	0.0%	0.0%
<b>Steel</b>												
Alchevsk Steel	ALMK	0.014	0.017	0.010	0.0%	-2.1%	22.3%	23.4%	0.8%	0.6%	30.8%	33.0%
Azovstal	AZST	0.29	0.89	0.28	-3.4%	-13.0%	-26.4%	-28.3%	-2.6%	-10.3%	-17.9%	-18.7%
Enakievo Steel	ENMZ	12.77	19.97	8.60	-4.8%	-4.6%	-8.8%	-8.8%	-4.0%	-1.8%	-0.3%	0.8%
<b>Coke</b>												
Avdyivka Coke	AVDK	1.13	1.67	0.86	2.7%	-1.4%	3.8%	2.3%	3.5%	1.3%	12.3%	11.8%
Yasnyivsky Coking	YASK	0.25	0.43	0.06	0.0%	0.0%	8.7%	8.7%	0.8%	2.7%	17.2%	18.2%
<b>Iron Ore Mining</b>												
Centralny GOK	CGOK	4.00	n/a	n/a	0.0%	0.0%	-6.1%	-6.1%	0.8%	2.7%	2.4%	3.4%
Ferrexpo	FXPO	20.25	80.00	14.00	0.0%	2.5%	-2.4%	-5.8%	0.8%	5.3%	6.1%	3.7%
Pivnichny GOK	SGOK	3.40	9.50	2.20	0.0%	-4.2%	-35.8%	-35.8%	0.8%	-1.5%	-27.3%	-26.3%
<b>Coal Mining</b>												
Pokrovske Mine	SHCHZ	0.20	n/a	n/a	0.0%	-13.0%	-13.0%	-13.0%	0.8%	-10.3%	-4.5%	-3.5%
<b>Pipe Manufacturing</b>												
Khartsyzk Pipe	HRTR	0.12	0.59	0.07	0.0%	0.0%	-36.8%	-33.3%	0.8%	2.7%	-28.3%	-23.8%
<b>Railcar Manufacturing</b>												
Kryukiv Wagon	KVBZ	8.68	13.39	6.82	0.0%	0.0%	9.5%	9.7%	0.8%	2.7%	18.0%	19.3%
Luhanskteplovoz	LTPL	0.45	n/a	n/a	0.0%	0.0%	0.0%	0.0%	0.8%	2.7%	8.5%	9.5%
<b>Specialized Machinery</b>												
Motor Sich	MSICH	1713	2939	1698	-0.3%	-2.4%	-12.6%	-13.4%	0.5%	0.3%	-4.1%	-3.9%
Turboatom	TATM	5.20	n/a	n/a	-16.1%	3.0%	15.6%	15.6%	-15.3%	5.7%	24.1%	25.1%
<b>Telecom</b>												
Ukrtelecom	UTLM	0.13	0.21	0.09	0.0%	6.3%	8.3%	8.3%	0.8%	9.0%	16.7%	17.8%
<b>Oil &amp; Gas</b>												
Regal Petroleum	RPT	2.65	6.50	2.65	0.0%	-15.9%	-29.3%	-29.3%	0.8%	-13.1%	-20.8%	-19.8%
JKX Oil	JKX	25.00	37.38	15.50	0.0%	-2.0%	-5.7%	-8.3%	0.8%	0.8%	2.8%	1.3%
Ukrnafta	UNAF	151.4	337.6	140.0	-0.1%	-0.5%	-14.5%	-14.5%	0.7%	2.2%	-6.0%	-4.9%
<b>Power Utilities</b>												
Centrenergo	CEEN	4.39	8.50	4.12	0.2%	0.0%	-3.1%	-3.9%	1.0%	2.7%	5.4%	5.7%
Donbasenergo	DOEN	14.97	32.68	13.90	1.3%	-1.8%	-4.4%	-5.0%	2.1%	0.9%	4.1%	4.5%
Zakhidenergo	ZAEN	75.0	193.9	52.0	0.0%	0.0%	-10.7%	-10.7%	0.8%	2.7%	-2.2%	-1.2%
<b>Consumer</b>												
Agroton	AGT	1.05	1.52	0.80	22.1%	25.0%	11.7%	4.0%	22.9%	27.7%	20.2%	13.5%
Astarta	AST	28.02	38.50	21.19	0.0%	-6.9%	-19.2%	-18.8%	0.8%	-4.1%	-10.7%	-9.2%
Avangardo	AVGR	0.80	3.80	0.23	0.0%	-20.0%	-42.0%	-36.0%	0.8%	-17.3%	-33.5%	-26.5%
Industrial Milk Company	IMC	6.12	7.24	4.38	-0.3%	-0.2%	3.7%	2.5%	0.5%	2.6%	12.2%	12.1%
Kernel	KER	44.50	55.20	29.40	0.8%	-0.5%	-3.8%	-7.5%	1.6%	2.2%	4.7%	2.1%
Mriya Agro Holding	MAYA	n/a	0.53	0.05	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MHPC	MHPC	8.00	12.05	7.10	10.3%	6.7%	-5.9%	-14.0%	11.1%	9.4%	2.6%	-4.4%
Milkiland	MLK	1.51	3.50	0.89	29.1%	29.1%	4.9%	6.3%	29.9%	31.8%	13.4%	15.9%
Ovostar Union	OVO	91.27	93.00	68.00	-0.3%	-1.8%	4.9%	0.9%	0.6%	0.9%	13.4%	10.4%
<b>Chemicals</b>												
Stirol	STIR	3.50	n/a	n/a	0.0%	5.1%	-41.2%	-41.2%	0.8%	7.8%	-32.7%	-31.6%
<b>Banks</b>												
Raiffeisen Bank Aval	BAVL	0.071	0.114	0.069	-1.4%	-1.3%	-2.6%	-6.4%	-0.6%	1.5%	5.9%	3.2%
UkrSotsbank	USCB	0.110	0.145	0.060	0.0%	15.5%	11.0%	11.0%	0.8%	18.2%	19.5%	20.6%

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		
		2014	2015E	2016E	2014	2015E	2016E	2014	2015E	2016E	2014	2015E	2016E	2014	2015E	2016E
<b>Steel</b>																
Alchevsk Steel	ALMK	1,254	527	517	248	-50	-54	19.7%	-9.6%	-10.5%	na	-115	-110	na	-21.8%	-21.4%
Enakievo Steel	ENMZ	916	642	482	6	18	13	0.6%	2.8%	2.6%	-33	-37	-42	-3.6%	-5.7%	-8.7%
Azovstal	AZST	1,885	1,157	868	183	70	45	9.7%	6.0%	5.1%	77	-38	-40	4.1%	-3.3%	-4.6%
<b>Coke</b>																
Avdyivka Coke	AVDK	533	294	258	-60	31	27	na	10.7%	10.5%	-67	4	1	-12.5%	1.3%	0.5%
Yasynivsky Coking	YASK	162	83	66	-12	-9	-10	-7.3%	na	-15.8%	-19	-11	-11	-11.5%	-13.9%	-17.0%
<b>Iron Ore Mining</b>																
Centralny GOK	CGOK	523	307	223	261	164	118	49.9%	53.5%	53.0%	64	-1	-7	12.3%	-0.4%	-3.3%
Pivnichny GOK	SGOK	1,048	615	447	571	251	140	54.5%	40.8%	31.3%	129	-2	-15	12.3%	-0.4%	-3.3%
Ferrexpo	FXPO	1,388	953	727	496	243	65	35.8%	25.5%	8.9%	184	116	-29	13.2%	12.1%	-3.9%
<b>Pipe Manufacturing</b>																
Khartsyzk Pipe	HRTR	193	92	75	43	18	12	22.6%	19.3%	15.8%	23	2	1	11.7%	2.0%	1.1%
<b>Railcar Manufacturing</b>																
Kryukiv Wagon	KVBZ	179	41	46	-17	-4	-4	-9.3%	-9.3%	-7.7%	-22	-9	-4	-12.3%	-22.2%	-9.1%
<b>Specialized Machinery</b>																
Turboatom	TATM	164	115	83	73	39	29	44.6%	34.0%	35.0%	53	23	17	32.4%	20.0%	20.0%
Motor Sich	MSICH	879	636	630	342	218	191	38.9%	34.3%	30.3%	129	92	75	14.7%	14.5%	11.9%
<b>Telecom</b>																
Ukrtelecom	UTLM	412	254	207	85	72	58	20.6%	28.5%	28.0%	18	9	4	4.4%	3.6%	2.0%
<b>Oil &amp; Gas</b>																
Ukrnafta	UNAF	2,324	1,336	963	380	247	120	16.4%	18.4%	12.5%	105	161	33	4.5%	12.1%	3.4%
Regal Petroleum	RPT	37	35	22	-146	15	10	na	44.5%	45.5%	-127	6	-1	na	16.6%	-4.5%
JKX Oil	JKX	146	150	120	69	70	55	46.9%	46.7%	45.8%	-80	5	2	-54.4%	3.3%	1.7%
<b>Electric Utilities</b>																
Centrenergo	CEEN	630	323	353	26	13	12	4.1%	4.1%	3.5%	6	5	10	0.9%	1.4%	2.9%
Donbasenergo	DOEN	458	190	178	20	-12	6	4.4%	-6.5%	3.5%	8	-16	2	1.8%	-8.5%	1.2%
<b>Consumer</b>																
MHP	MHPC	1,379	1,131	1,290	510	455	450	37.0%	40.2%	34.9%	-412	-81	211	-29.9%	-7.2%	16.4%
Kernel	KER	2,393	2,330	2,382	223	397	345	9.3%	17.0%	14.5%	-107	101	182	-4.5%	4.3%	7.6%
Astarta	AST	468	360	385	159	102	114	34.0%	28.2%	29.6%	-90	-12	19	-19.3%	-3.4%	4.9%
Avangardco	AVGR	420	na	na	129	na	na	30.9%	na	na	-27	na	na	-6.4%	na	na
Ovostar	OVO	75	na	na	29	na	na	38.9%	na	na	26	na	na	34.5%	na	na
<b>Banks</b>																
		Total Assets			Total Equity			Total Income			Net Profit			Return on Equity		
Raiffeisen Bank Aval	BAVL	2,869	1,992	2,302	390	296	318	327	217	216	-87	-115	33	-22.2%	-38.9%	10.4%
Ukrsotsbank	USCB	2,730	1,833	1,976	518	333	278	150	86	77	-42	-415	-50	-8.0%	-124.4%	-17.9%

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		
				2014	2015E	2016E	2014	2015E	2016E	2014	2015E	2016E	2014	2015E	2016E			
<b>Steel</b>																		
Alchevsk Steel	ALMK	14	3.9%	1	2,629	n/a	neg	neg	10.6	neg	neg	2.1	5.0	5.1	679	634	615	\$/tonne
Yenakievo Steel	ENMZ	5	8.8%	0	219	neg	neg	neg	>30	12.4	17.5	0.2	0.3	0.5	80	76	74	\$/tonne
Azovstal	AZST	46	3.0%	1	10	0.6	neg	neg	0.1	0.1	0.2	0.0	0.0	0.0	2	2	2	\$/tonne
<b>Coke</b>																		
Avdyivka Coke	AVDK	8	6.8%	1	7	neg	2.2	6.8	neg	0.2	0.3	0.0	0.0	0.0	2	2	2	\$/tonne
Yasynivsky Coke	YASK	3	9.0%	0	3	neg	neg	neg	neg	neg	neg	0.0	0.0	0.0	n/a	n/a	n/a	\$/tonne
<b>Iron Ore Mining</b>																		
Centralny GOK	CGOK	181	0.3%	0	179	2.8	neg	neg	0.7	1.1	1.5	0.3	0.6	0.8				
Pivnichny GOK	SGOK	302	0.4%	1	295	2.3	neg	neg	0.5	1.2	2.1	0.3	0.5	0.7				
Ferrexpo	FXPO	172	24.0%	41	1,189	0.9	1.5	neg	2.4	4.9	18.4	0.9	1.2	1.6				
<b>Pipe Manufacturing</b>																		
Khartsyzk Pipe	HRTR	12	2.0%	0	58	0.5	6.5	14.5	1.3	3.3	4.9	0.3	0.6	0.8	144	192	231	\$/tonne
<b>Railcar Manufacturing</b>																		
Krukiv Wagon	KVBZ	38	5.0%	2	32	neg	neg	neg	neg	neg	neg	0.2	0.8	0.7				
<b>Specialized Machinery</b>																		
Turboatom	TATM	57	5.8%	3	27	1.1	2.5	3.4	0.4	0.7	0.9	0.2	0.2	0.3				
Motor Sich	MSICH	137	24.0%	33	141	1.1	1.5	1.8	0.4	0.6	0.7	0.2	0.2	0.2				
<b>Telecom</b>																		
Ukrtelecom	UTLM	94	7.2%	7	184	5.2	10.2	22.6	2.2	2.5	3.2	0.4	0.7	0.9				
<b>Oil &amp; Gas</b>																		
Ukrnafta	UNAF	316	3.0%	9	310	3.0	2.0	9.5	0.8	1.3	2.6	0.1	0.2	0.3	n/a	n/a	n/a	\$/boe
Regal Petroleum	RPT	12	21.6%	3	-13	neg	2.1	neg	neg	-0.8	-1.3	-0.3	-0.4	-0.6	n/a	n/a	n/a	\$/boe
JKX Oil & Gas	JKX	62	50.4%	31	171	neg	12.5	>30	2.5	2.4	3.1	1.2	1.1	1.4	31	23	23	\$/boe
<b>Electric Utilities</b>																		
CentrEnerg	CEEN	62	21.7%	14	45	10.6	13.5	6.0	1.7	3.4	3.6	0.1	0.1	0.1	3	3	3	\$/MWh
DonbasEnerg	DOEN	14	14.2%	2	30	1.6	neg	6.6	1.5	neg	4.8	0.1	0.2	0.2	4	4	4	\$/MWh
<b>Consumer</b>																		
MHP	MHPC	845	34.1%	288	1,951	neg	neg	4.0	3.8	4.3	4.3	1.4	1.7	1.5				
Kernel	KER	904	61.8%	558	1,285	neg	9.0	5.0	5.8	3.2	3.7	0.5	0.6	0.5				
Astarta	AST	179	37.0%	66	382	neg	neg	9.5	2.4	3.8	3.3	0.8	1.1	1.0				
Avangardco	AVGR	51	22.5%	12	349	neg	n/a	n/a	2.7	n/a	n/a	0.8	n/a	n/a	79	60	56	\$/mneggs
Ovostar	OVO	140	25.0%	35	147	5.4	n/a	n/a	5.0	n/a	n/a	2.0	n/a	n/a	n/a	n/a	n/a	
<b>Banks</b>																		
						P/E			P/Book			P/Assets						
Raiffeisen Bank Aval	BAVL	167	1.8%	3		neg	neg	5.0	0.4	0.6	0.5	0.06	0.08	0.07				
Ukrsotsbank	USCB	327	0.2%	1		>30	>30	>30	0.8	1.0	1.2	0.12	0.17	0.16				

Source: Eavex Research

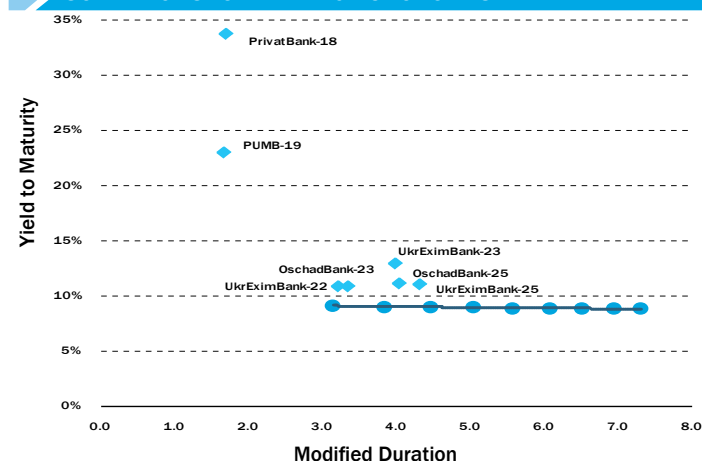
**UKRAINIAN EUROBONDS**

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, 2019	88.3	89.3	12.0%	11.6%	-5.2%	2.9	7.75%	S/A	1 Sept 2019	1,155	Caa3/B-/CCC
Ukraine, 2020	86.5	87.9	11.6%	11.2%	-5.7%	3.5	7.75%	S/A	1 Sept 2020	1,531	Caa3/B-/CCC
Ukraine, 2021	85.5	86.5	11.3%	11.1%	-6.1%	4.1	7.75%	S/A	1 Sept 2021	1,378	Caa3/B-/CCC
Ukraine, 2022	85.0	86.0	11.0%	10.8%	-5.7%	4.7	7.75%	S/A	1 Sept 2022	1,355	Caa3/B-/CCC
Ukraine, 2023	84.3	85.3	10.9%	10.6%	-5.4%	5.2	7.75%	S/A	1 Sept 2023	1,330	Caa3/B-/CCC
Ukraine, 2024	83.5	84.5	10.7%	10.5%	-5.5%	5.6	7.75%	S/A	1 Sept 2024	1,315	Caa3/B-/CCC
Ukraine, 2025	82.8	83.8	10.7%	10.5%	-5.8%	6.0	7.75%	S/A	1 Sept 2025	1,306	Caa3/B-/CCC
Ukraine, 2026	82.0	83.0	10.6%	10.4%	-5.8%	6.4	7.75%	S/A	1 Sept 2026	1,295	Caa3/B-/CCC
Ukraine, 2027	81.5	82.5	10.6%	10.4%	-5.9%	6.8	7.75%	S/A	1 Sept 2027	1,286	Caa3/B-/CCC
Ukraine, GDP-linked (VRI)	31.0	33.0	n/a	n/a	-21.5%	n/a	0.00%	S/A	31 May 2040	2,916	Caa3/B-/CCC
<b>Corporate Eurobonds</b>											
Agroton, 2019	10.0	13.1	113.8%	95.6%	0.5%	1.6	8.00%	S/A	14 Jul 2019	50	//RD
MHP, 2020	82.9	84.4	13.8%	13.3%	-4.3%	3.2	8.25%	S/A	2 Apr 2020	750	/CCC-/CCC
Avangardco, 2018	44.8	48.8	46.4%	42.3%	-8.4%	2.1	10.00%	S/A	29 Oct 2018	206	//WD
UkrLandFarming, 2018	29.0	37.0	92.9%	73.9%	-34.0%	1.2	10.88%	S/A	26 Mar 2018	500	/CC/WD
Mriya, 2016	10.0	13.0	n/a	n/a	-8.0%	0.0	10.95%	S/A	30 Mar 2016	72	/SD/RD
Mriya, 2018	n/a	n/a	n/a	n/a	-34.0%	0.8	9.45%	S/A	19 Apr 2018	400	/SD/RD
DTEK, 2018	40.0	44.0	67.4%	60.6%	1.2%	n/a	10.375%	S/A	28 Mar 2018	160	Ca//C
DTEK, 2018	40.5	43.5	61.5%	56.7%	-5.6%	1.4	7.88%	S/A	4 Apr 2018	750	Ca//C
Metinvest, 2016	41.6	43.2	n/a	n/a	-25.3%	n/a	10.25%	S/A	31 Jan 2016	85	Caa3//C
Metinvest, 2017	39.2	44.2	74.6%	65.0%	-7.9%	0.4	10.50%	S/A	28 Nov 2017	290	Caa3//C
Metinvest, 2018	40.0	43.0	67.6%	62.2%	-6.7%	1.5	8.75%	S/A	14 Feb 2018	750	Caa3//C
Ferrexpo, 2019	53.3	56.5	36.5%	33.8%	0.3%	2.5	10.375%	S/A	07 Apr 2019	186	Caa3//C
Ferrexpo, 2019	40.0	43.0	67.6%	62.2%	-3.0%	1.5	10.375%	S/A	07 Apr 2019	161	Caa3//C
RailUA, 2018	82.0	84.0	19.7%	18.4%	-3.8%	1.9	9.50%	S/A	21 May 2018	500	/CC/C
Interepipe, 2017	23.0	33.0	161.2%	115.2%	-6.7%	0.8	10.25%	S/A	2 Aug 2017	200	//
JKX Oil&Gas, 2018	70.1	79.9	36.1%	28.0%	4.2%	0.8	8.00%	S/A	19 Feb 2018	40	
<b>Bank Eurobonds</b>											
Fin&Credit Bank, 2019	5.8	10.6	168.0%	121.0%	-10.9%	1.4	9.25%	S/A	25 Jan 2019	100	//
PUMB, 2018	73.0	77.5	24.3%	21.7%	1.5%	1.6	11.00%	Q	31 Dec 2018	275	WR//NR
Nadra Bank, 2018	2.3	11.0	n/a	n/a	-9.1%	0.2	6.25%	A	31 Jul 2018	60	//
PrivatBank, 2018-2	67.0	69.0	35.0%	33.1%	-10.5%	n/a	10.25%	S/A	23 Jan 2018	200	//
PrivatBank, 2021	59.0	61.0	26.2%	25.1%	-10.4%	3.2	11.00%	S/A	09 Feb 2021	220	//
PrivatBank, 2018	65.0	66.0	36.6%	35.6%	-3.7%	1.4	10.88%	S/A	28 Feb 2018	175	//
UkrEximBank, 2022	81.6	82.8	14.2%	13.8%	-8.3%	n/a	9.625%	S/A	27 Apr 2022	750	WR//C
UkrEximBank, 2023	70.7	74.2	14.7%	13.7%	-2.2%	n/a	7.51%	S/A	9 Feb 2023	125	Ca//C
UkrEximBank, 2025	80.2	81.6	13.7%	13.3%	-7.4%	4.1	9.75%	S/A	22 Jan 2025	600	Ca//C
VAB Bank, 2019	n/a	n/a	n/a	n/a	n/a	n/a	9.00%	Q	14 Jun 2019	88	//WD
Oschadbank, 2023	82.3	83.5	13.3%	13.0%	-6.9%	2.9	8.25%	S/A	10 Mar 2023	700	Ca//CC
Oschadbank, 2025	80.8	81.8	13.3%	13.1%	-7.3%	3.6	8.88%	S/A	20 Mar 2025	500	Ca//CC
<b>Municipal Eurobonds</b>											
City of Kyiv, 2015	82.4	84.9	n/a	n/a	0.1%	n/a	8.00%	S/A	6 Nov 2015	101	//

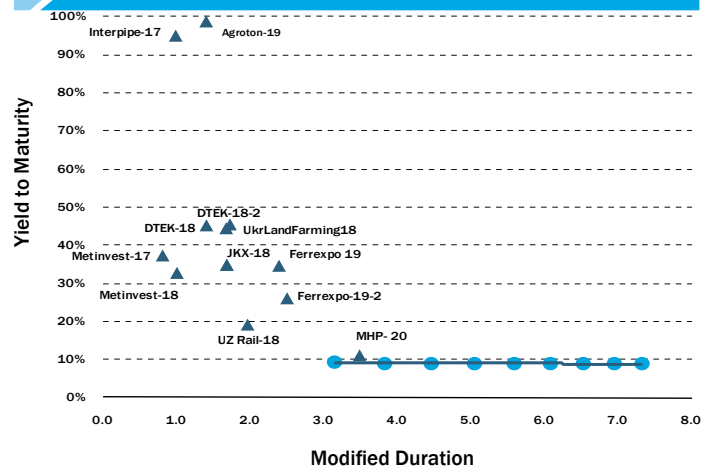
<sup>1</sup> Moody's/S&P/Fitch

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			20%	19%	n/a	14.30%	S/A	24 May 2017	n/a
<b>VAT Bonds</b>									
UA4000185151			20%	19%	1.9	9.50%	S/A	8 Jul 2019	3,577
UA4000185557			20%	19%	1.9	9.50%	S/A	22 Jul 2019	2,171
UA4000186159			20%	19%	1.9	9.50%	S/A	20 Aug 2019	955

Source: Bloomberg, Cbonds, Eavex Research



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