

Market Update

Equity

Kyiv-listed stocks ended mixed on Thursday (Aug 20) amid a dry domestic news flow over the day. The UX index ticked down 0.1% to close at 975 points. UkrNafta (UNAF) continued to slide southward on this week's notable drop in global oil prices, edging lower by 0.6% to finish at a 2-month low of UAH 256. Electricity generators CentrEnergO (CEEN) and DonbasEnergO (DOEN) saw marginal gains of 0.3% and 0.6% respectively, with the former closing at UAH 7.20. On the interbank currency market, the hryvnia strengthened by 20 kopeck; bid/ask quotes ended at 21.90/22.07 UAH/USD. London-listed Ferrexpo (FXPO) gave up its gains from recent days, sliding back 7.0% to GBp 65, while MHP (MHPC) was unchanged at USD 9.40. In Warsaw, Astarta (AST) and Kernel (KER) slipped by 1.8% and 0.6%, following the downward trend on European stock markets.

Fixed Income

Ukrainian sovereigns were mostly lower on Thursday. Ukraine-17s declined by 1.4p.p. to 56.3/57.0 (45.9%/45.0%) and Ukraine-23s finished flat at 56.5/58.0 (18.3%/17.7%). Corporate names closed in the red. MHP-20s and UkrlandFarming-18s declined by 0.2p.p. and 2.0p.p. to 82.1/83.2 (13.6%/13.2%) and 61.0/63.0 (16.9%/16.3%), respectively.

Volume Leaders	Ticker	Last, UAH	1D ch	Volume, UAH mn	Number of Trades
Motor Sich	MSICH	2655.00	-0.9%	0.95	13
CentrenergO	CEEN	7.20	0.3%	0.71	67
DonbasenergO	DOEN	19.70	0.6%	0.40	27

Growth Leaders

Avdyivka Coke	AVDK	1.05	1.3%	0.149	18
Kryukiv Wagon	KVBZ	10.33	1.1%	0.065	6
DonbasenergO	DOEN	19.70	0.6%	0.403	27

Loss Leaders

Raiffeisen Bank Aval	BAVL	0.09	-1.2%	0.017	17
Motor Sich	MSICH	2,655.00	-0.9%	0.946	13
Ukrnafta	UNAF	256.40	-0.6%	0.164	41

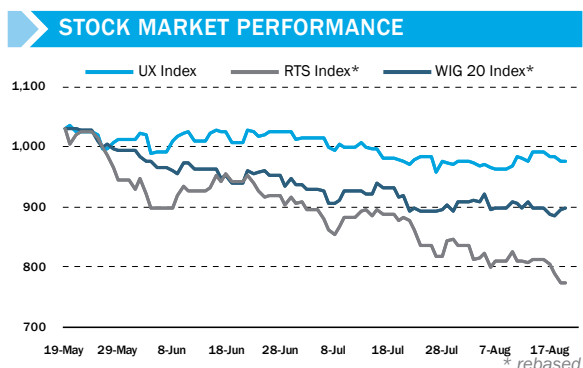
Highlights

POLITICS AND ECONOMICS

- > Ukrainian Banking System Has Net Loss of UAH 2.5bn in July

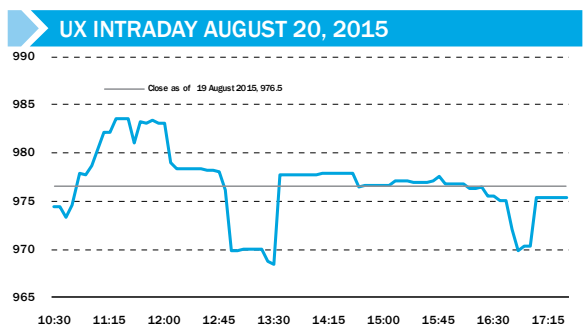
STOCKS IN THE NEWS

- > Avangard Receives Green Light for Export Its Eggs to Israel



MARKET INDEXES

	Last	1D ch	1M ch	YTD
UX	975.4	-0.1%	-0.4%	-5.6%
RTS	795.5	0.2%	-11.7%	0.6%
WIG20	2200.9	0.4%	-1.9%	-5.0%
MSCI EM	830.3	-1.2%	-11.2%	-13.2%
S&P 500	2035.7	-2.1%	-4.3%	-1.1%



FIXED INCOME

	Last	1D ch	1M ch	YTD
EMBI+Global	446.1	1.8%	14.4%	10.4%
CDS 5Y UKR	2200.0	2.3%	-10.2%	0.0%
Ukraine-17	36.5%	0.1 p.p.	-0.5 p.p.	10.8 p.p.
MHP-20	13.4%	0.1 p.p.	-0.3 p.p.	-4.1 p.p.
Ukraine-23	18.0%	0.0 p.p.	-0.5 p.p.	10.5 p.p.
Privatbank-18	30.2%	0.0 p.p.	0.5 p.p.	-2.4 p.p.

CURRENCY

	Last, UAH	1D ch	1M ch	YTD
USD	22.18	3.2%	-3.0%	40.2%
EUR	24.93	4.3%	0.8%	30.3%
RUB	0.33	1.9%	-18.0%	19.7%

COMMODITIES

	Last	1D ch	1M ch	YTD
Wheat, USD/t*	190.1	0.0%	-11.2%	-22.8%
Steel, USD/t	325.0	0.0%	-7.8%	-27.8%
Oil, USD/bbl	46.6	-1.1%	-18.2%	-26.6%
Gold, USD/oz	1152.2	1.6%	5.1%	-2.8%

*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

Ukrainian Banking System Has Net Loss of UAH 2.5bn in July

by Dmitry Churin
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NEWS

The Ukrainian banking system had a net loss of UAH 2.5bn (USD 115mn) in July, compared to a net loss of UAH 5.4bn in June, according to the data from the National Bank of Ukraine published on Thursday (Aug 20). For 7M15 Ukrainian banking system, excluding insolvent banks, had total income of UAH 126bn and net loss of UAH 33.1bn (USD 1.5bn). Banks' total charges for loan loss provisions amounted to UAH 69bn in 7M15 compared to loan loss provisions of UAH 34bn in 7M14. The Ukrainian banking system consisted of 129 banks as of 1 Jul 2015 while as of 1 Jan 2015 it was 163 banks in the country. The banks' total regulatory capital was UAH 140bn (USD 6.5bn) and total assets were UAH 1.250 trillion (USD 58bn) as of 1 Jul 2015. The share of foreign banks in the Ukrainian banking system was 33%.

COMMENTARY

The Ukrainian banking system continue to suffer from economy contraction and the hryvnia devaluation with the official National Bank's UAH/USD exchange rate jumped from 15.77 UAH/USD to 22.03 UAH/USD as of today. The second factor, which is equally if not more subversive to stability, was an intense outflow of retail deposits from the system to the tune of some UAH 45bn this year. Although the situation in the Ukrainian banking system looks unsustainable, we believe that the 15 largest banks, which as of 1 Jul 2015 accounted for 80% of the system's assets, will withstand the pressure. Importantly, the banking system started to demonstrate improvement with the NBU reported that the banks' total net interesting income rising by 22.5% MoM to UAH 4.9bn in July and net commission income increasing 12.3% MoM to UAH 1.8bn for the same month.

Avangard Receives Green Light for Export Its Eggs to Israel

by Ivan Dzvinka
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AVANGARD (AVGR LI)

Price: USD 0.88 Market Cap: USD 56mn

	EV/S	P/E	EV/EBITDA	Div. Yield
2014	0.7	neg	2.2	0%
2015E	0.8	neg	3.0	0%

NEWS

Avis, a brand-new subsidiary of Avangard, Ukraine's largest egg producer, has received a green light for exporting its shell eggs into Israel, Interfax reported on Thursday (Aug 20) citing Oleksiy Pavlenko, Head of Ukrainian Agricultural Ministry. Apart from Avis, such allowance was received by another domestic private egg producing company.

COMMENTARY

In August 2014, Avangard has received an approval (Kosher certification) from special responsible Israeli commission regarding the quality of eggs and egg products of Avangard's Avis and Imperovo, respectively. Still, that was the necessary condition to allow Avangard exporting its products to Israel. The sufficient requirement is received now via inter-governmental agreement for eggs trading between Ukraine and Israel.

The received allowance will enable Avangard to diversify its egg export sales together with an expected improvement in profitability due to the lucrative egg prices in this importing country. In 2014, almost 70% of egg export volume of Avangard went to the only country of Iraq.

EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
Agriculture						
Kernel	KER PW	44.0	56.50	28%	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	9.4	15.32	63%	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	32.2	36.1	12%	HOLD	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	5.0	9.4	88%	BUY	Quality business & cheap stock are attributes which appropriately fits to the case of IMC. The company's work on deleverage, ongoing land bank expansion program, no exposure to Donbass and high standards of corporate governance more than offset poor liquidity of the IMC's stock.
AvangardCo	AVGR LI	0.9	1.4	56%	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	65.0	48.0	-26%	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	0.80	0.56	-30%	SELL	Non-transparent reporting practices detrimentally affect Azovstal's reported earnings.
Coke						
Avdyivka Coke	AVDK	1.05	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	2655	5250	98%	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	4.3	U/R	--	U/R	Regal has repeatedly missed its production targets since 2012.
JKX Oil & Gas	JKX	17.0	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.
Power Utilities						
DonbasEnergO	DOEN	19.7	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	7.20	15.00	108%	BUY	CenterEnergO'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	0.091	0.24	163%	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	975.42	1284.20	908.88	-0.1%	-0.1%	-0.4%	-5.6%	0.0%	0.0%	0.0%	0.0%
Steel												
Alchevsk Steel	ALMK	0.013	0.035	0.010	0.0%	0.8%	0.8%	-13.1%	0.1%	0.9%	1.2%	-7.5%
Azovstal	AZST	0.80	0.90	0.59	0.1%	2.1%	4.7%	6.8%	0.2%	2.2%	5.1%	12.4%
Enakievo Steel	ENMZ	16.58	41.46	14.03	0.0%	-0.2%	-7.6%	-20.9%	0.1%	-0.1%	-7.3%	-15.3%
Coke												
Avdyivka Coke	AVDK	1.05	3.03	0.86	1.3%	-1.9%	-0.8%	-39.3%	1.4%	-1.7%	-0.4%	-33.7%
Yasnyivsky Coking	YASK	0.36	0.70	0.18	0.0%	0.0%	63.6%	28.6%	0.1%	0.1%	64.0%	34.2%
Iron Ore Mining												
Centralny GOK	CGOK	5.97	n/a	n/a	0.0%	0.0%	-14.2%	-23.4%	0.1%	0.1%	-13.9%	-17.8%
Ferrexpo	FXPO	65.00	139.70	47.91	-7.1%	3.2%	15.0%	22.6%	-7.0%	3.3%	15.4%	28.2%
Pivnichny GOK	SGOK	6.30	12.30	4.44	0.0%	0.0%	-6.0%	-24.7%	0.1%	0.1%	-5.6%	-19.1%
Coal Mining												
Pokrovske Mine	SHCHZ	0.37	n/a	n/a	0.0%	0.0%	48.0%	-21.3%	0.1%	0.1%	48.4%	-15.7%
Pipe Manufacturing												
Khartsyzk Pipe	HRTR	0.23	0.70	0.20	0.0%	0.0%	15.0%	-39.5%	0.1%	0.1%	15.4%	-33.9%
Railcar Manufacturing												
Kryukiv Wagon	KVBZ	10.33	16.91	9.05	1.1%	4.3%	8.9%	-19.6%	1.2%	4.5%	9.2%	-14.0%
Luhanskeplovoz	LTPL	0.92	1.80	0.51	0.0%	0.0%	-31.9%	-14.8%	0.1%	0.1%	-31.5%	-9.2%
Specialized Machinery												
Motor Sich	MSICH	2655	2939	1970	-0.9%	-1.4%	1.3%	6.9%	-0.7%	-1.2%	1.6%	12.5%
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	0.17	0.21	0.10	0.0%	-3.9%	23.4%	13.7%	0.1%	-3.8%	23.8%	19.3%
Oil & Gas												
Regal Petroleum	RPT	4.28	9.25	3.13	0.0%	-5.5%	-14.8%	36.8%	0.1%	-5.4%	-14.4%	42.4%
JKX Oil	JKX	17.00	51.00	11.00	0.0%	9.7%	-12.8%	41.7%	0.1%	9.8%	-12.5%	47.3%
Ukrnafta	UNAF	256.4	375.0	172.5	-0.6%	-3.4%	-12.1%	26.1%	-0.5%	-3.3%	-11.8%	31.7%
Power Utilities												
Centrenergo	CEEN	7.20	8.50	6.72	0.3%	-1.0%	-3.6%	-4.5%	0.4%	-0.9%	-3.2%	1.1%
Donbasenergo	DOEN	19.70	39.20	19.00	0.6%	0.0%	-4.4%	-40.3%	0.7%	0.1%	-4.0%	-34.7%
Zakhidenergo	ZAEN	130.0	199.8	120.8	-7.1%	-13.3%	-22.2%	-12.2%	-7.0%	-13.2%	-21.8%	-6.6%
Consumer												
Agroton	AGT	1.14	2.32	0.95	-3.4%	-8.8%	7.5%	-7.3%	-3.3%	-8.7%	7.9%	-1.7%
Astarta	AST	32.15	39.27	14.50	-5.4%	-6.4%	-6.0%	60.8%	-5.3%	-6.3%	-5.7%	66.4%
Avangardo	AVGR	0.88	9.00	0.80	10.0%	-11.1%	-20.0%	-57.1%	10.1%	-11.0%	-19.6%	-51.5%
Industrial Milk Company	IMC	5.00	8.80	4.38	-1.0%	-2.0%	-2.9%	-11.8%	-0.9%	-1.8%	-2.5%	-6.2%
Kernel	KER	44.00	45.55	22.00	-0.7%	-2.5%	7.3%	54.6%	-0.6%	-2.3%	7.7%	60.2%
Mriya Agro Holding	MAYA	n/a	1.90	0.05	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MHPC	MHPC	9.40	13.45	8.24	0.0%	1.6%	-10.0%	2.2%	0.1%	1.8%	-9.7%	7.8%
Milkiland	MLK	0.99	5.05	0.99	-5.7%	-17.5%	-30.3%	-33.1%	-5.6%	-17.4%	-29.9%	-27.5%
Ovostar Union	OVO	80.00	83.00	67.00	-1.2%	0.0%	0.0%	11.1%	-1.1%	0.1%	0.4%	16.7%
Chemicals												
Stirol	STIR	6.00	12.50	3.00	0.0%	0.0%	-4.8%	-13.4%	0.1%	0.1%	-4.4%	-7.8%
Banks												
Raiffeisen Bank Aval	BAVL	0.091	0.145	0.085	-1.1%	0.7%	2.5%	-5.0%	-1.0%	0.8%	2.8%	0.6%
UkrSotsbank	USCB	0.100	0.175	0.064	0.0%	-3.4%	13.6%	-23.2%	0.1%	-3.3%	14.0%	-17.6%

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		
		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																
Luhanskeplovov	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	521	11.1%	16.4%	39.0%	23	105	253	0.9%	4.5%	19.0%
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	145	163	145	1	-42	-14	0.1%	-8.0%	-3.9%

Source: Eavex Research

MAIN TRADING MULTIPLES

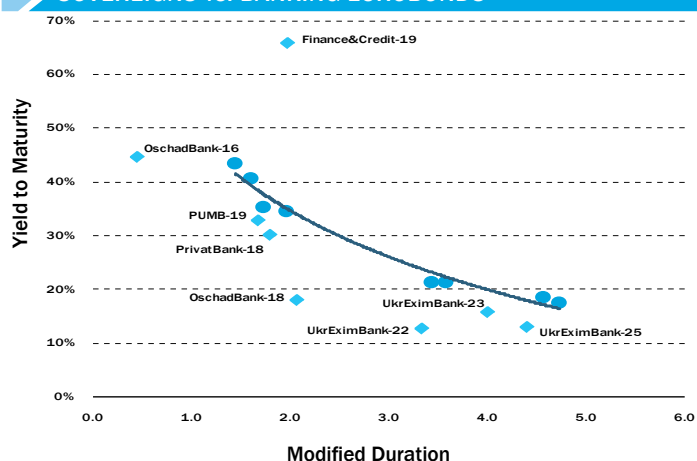
Ticker	MCap USD mn	Free Float % USD mn	EV USD mn	P/E			EV/EBITDA			EV/Sales			EV/Output			Units		
				2013	2014E	2015E	2013	2014E	2015E	2013	2014E	2015E	2013	2014E	2015E			
Steel																		
Alchevsk Steel	ALMK	15	3.9%	1	2,628	neg	neg	neg	neg	neg	neg	1.5	3.8	9.4	679	633	615	\$/tonne
Yenakievo Steel	ENMZ	8	8.8%	1	6	neg	neg	0.3	neg	1.0	0.2	0.0	0.0	0.0	2	2	2	\$/tonne
Azovstal	AZST	151	3.0%	4	144	neg	2.0	2.3	neg	0.8	1.1	0.1	0.1	0.1	31	32	32	\$/tonne
Coke																		
Avdyivka 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	4	9.0%	0	5	neg	neg	neg	0.2	neg	neg	0.0	0.0	0.0	0.2	neg	neg	\$/tonne
Iron Ore Mining																		
Centralny GOK	CGOK	315	0.3%	1	314	1.6	2.7	3.9	1.0	1.4	2.0	0.5	0.5	0.6				
Pivnichny GOK	SGOK	655	0.4%	3	648	1.2	2.0	2.9	0.7	1.0	1.4	0.4	0.4	0.5				
Ferrexpo	FXPO	591	24.0%	142	1,287	2.2	3.2	6.1	2.5	2.6	5.0	0.8	0.9	1.2				
Pipe Manufacturing																		
Khartsyzk Pipe	HRTR	27	2.0%	1	73	5.7	1.2	14.6	2.3	1.7	4.1	0.2	0.4	0.8	115	191	182	\$/tonne
Railcar Manufacturing																		
LuganskTeplovoz	LTPL	9	24.0%	2	46	0.5	neg	n/a	1.3	neg	n/a	0.1	0.4	n/a				
Krukiv Wagon	KVBZ	53	5.0%	3	47	1.3	neg	neg	0.9	neg	neg	0.1	0.4	0.7				
Specialized Machinery																		
Turboatom	TATM	67	5.8%	4	36	0.9	1.3	2.9	0.4	0.5	1.0	0.2	0.2	0.3				
Motor Sich	MSICH	249	24.0%	60	277	1.5	1.9	2.7	0.7	0.8	1.3	0.3	0.3	0.4				
Telecom																		
Ukrtelecom	UTLM	146	7.2%	11	236	neg	8.0	16.0	neg	2.8	3.3	0.3	0.6	0.9				
Oil & Gas																		
Ukrnafta	UNAF	627	3.0%	19	620	26.9	5.9	2.5	2.2	1.6	1.2	0.2	0.3	0.5	n/a	n/a	n/a	\$/boe
Regal Petroleum	RPT	21	21.6%	5	-4	neg	10.7	7.1	neg	-0.2	-0.3	-0.1	-0.1	-0.1	n/a	n/a	n/a	\$/boe
JKX Oil & Gas	JKX	45	50.4%	23	154	7.0	neg	9.1	2.3	2.2	2.2	0.9	1.1	1.0	28	21	21	\$/boe
Electric Utilities																		
CentrEnerg	CEEN	120	21.7%	26	136	2.0	20.4	neg	1.4	5.3	neg	0.1	0.2	0.4	8	10	9	\$/MWh
DonbasEnerg	DOEN	21	14.2%	3	50	0.3	2.5	neg	0.7	2.5	neg	0.1	0.1	0.3	6	6	6	\$/MWh
Consumer																		
MHP	MHPC	993	34.1%	339	2,093	6.1	neg	>30	5.4	3.8	4.0	1.4	1.5	1.8				
Kernel	KER	941	61.8%	582	1,417	9.0	neg	9.5	4.9	6.4	3.4	0.5	0.6	0.6				
Astarta	AST	216	37.0%	80	426	6.3	neg	neg	4.7	3.0	4.4	0.9	1.0	1.2				
Avangardco	AVGR	56	22.5%	13	282	0.2	neg	neg	0.9	2.2	3.0	0.4	0.7	0.8	64	49	46	\$/mneqgs
Ovostar	OVO	129	25.0%	32	137	4.2	5.0	5.3	3.9	4.7	5.5	1.7	1.8	1.7	n/a	n/a	n/a	
Banks																		
						P/E			P/Book			P/Assets						
Raiffeisen Bank Aval	BAVL	123	3.5%	4		1.4	neg	neg	0.1	0.3	0.4	0.02	0.04	0.06				
Ukrsotsbank	USCB	349	0.2%	1		>30	>30	>30	0.4	0.7	1.0	0.07	0.14	0.18				

Source: Eavex Research

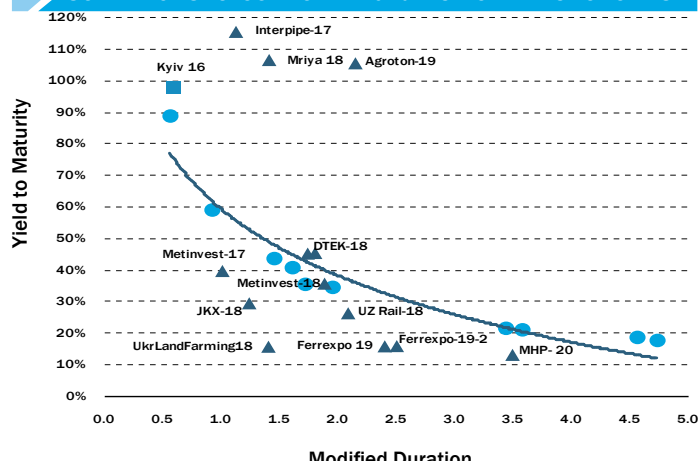
UKRAINIAN EUROBONDS

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)	60.0	61.5	462.0%	434.8%	-10.6%	0.1	4.95%	A	13 Oct 2015	600*	Ca/CC/CC
Ukraine, 2015	60.2	60.8	884.3%	862.5%	-14.0%	0.0	6.875%	S/A	23 Sept 2015	500	Ca/CC/CC
Ukraine, 2016	55.5	56.6	63.8%	61.6%	-10.6%	0.9	6.58%	S/A	21 Nov 2016	1,000	Ca/CC/CC
Ukraine, 2016-2	55.5	56.6	97.4%	93.6%	-13.5%	0.5	6.25%	S/A	17 Jun 2016	1,250	Ca/CC/CC
Ukraine, 2017	56.5	57.8	37.1%	35.9%	-9.6%	1.7	6.75%	S/A	14 Nov 2017	700	Ca/CC/CC
Ukraine, 2017-2	56.3	57.0	45.9%	45.0%	-9.0%	1.4	9.25%	S/A	24 Jul 2017	2,000	Ca/CC/CC
Ukraine, 2017 Infr. projects	55.9	56.9	40.6%	39.5%	-8.3%	1.6	8.375%	S/A	3 Nov 2017	568	Ca//
Ukraine, 2018 Infr. projects	54.8	55.8	34.8%	33.9%	-7.9%	1.9	7.40%	S/A	20 Apr 2018	690	Ca//
Ukraine, 2020	56.0	57.3	22.8%	22.2%	-5.0%	3.4	7.75%	S/A	23 Sept 2020	1,500	Ca/CC/CC
Ukraine, 2021	56.3	57.5	22.1%	21.5%	-4.2%	3.8	7.95%	S/A	23 Feb 2021	1,500	Ca/CC/CC
Ukraine, 2022	56.0	57.3	19.3%	18.8%	-5.9%	4.5	7.80%	S/A	28 Nov 2022	1,250	Ca/CC/CC
Ukraine, 2023	56.5	58.0	18.3%	17.7%	-3.5%	4.7	7.50%	S/A	17 Apr 2023	1,250	Ca/CC/CC
Corporate Eurobonds											
Agroton, 2019	20.3	25.0	64.4%	55.0%	-33.1%	2.3	8.00%	S/A	14 Jul 2019	50	//RD
MHP, 2020	82.1	83.2	13.6%	13.2%	19.8%	3.5	8.25%	S/A	2 Apr 2020	750	/CCC-/CCC
Avangardco, 2015	47.5	47.5	444.5%	444.5%	-26.4%	0.1	10.00%	S/A	29 Oct 2015	200	//WD
UkrLandFarming, 2018	61.0	63.0	16.9%	16.3%	n/a	n/a	10.88%	S/A	26 Mar 2018	500	/CC/WD
Mriya, 2016	16.0	18.0	762.8%	672.8%	30.8%	0.1	10.95%	S/A	30 Mar 2016	72	/SD/RD
Mriya, 2018	16.0	18.0	112.1%	103.4%	30.8%	1.4	9.45%	S/A	19 Apr 2018	400	/SD/RD
DTEK, 2018	47.0	52.0	48.3%	42.7%	n/a	1.7	10.375%	S/A	28 Mar 2018	160	Ca//C
DTEK, 2018	43.0	48.0	48.7%	42.8%	0.0%	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	41.5%	38.5%	-16.4%	1.0	10.50%	S/A	28 Nov 2017	290	Caa3//C
Metinvest, 2018	55.0	58.0	38.6%	35.7%	1.8%	1.9	8.75%	S/A	14 Feb 2018	750	Caa3//C
Ferrexpo, 2019	84.0	85.5	16.4%	15.8%	n/a	2.5	10.375%	S/A	07 Apr 2019	186	Caa3//C
Ferrexpo, 2019	83.5	85.6	16.6%	15.7%	n/a	2.4	10.375%	S/A	07 Apr 2019	161	Caa3//C
RailUA, 2018	66.0	69.4	28.1%	25.7%	27.7%	2.1	9.50%	S/A	21 May 2018	500	/CC/C
Interpipe, 2017	20.0	30.0	138.1%	98.2%	-54.5%	1.1	10.25%	S/A	2 Aug 2017	200	//
JKX Oil&Gas, 2018	70.1	72.8	30.8%	28.9%	22.7%	1.2	8.00%	S/A	19 Feb 2018	40	
Bank Eurobonds											
Fin&Credit Bank, 2019	27.0	34.0	64.3%	52.9%	-63.3%	2.1	9.25%	S/A	25 Jan 2019	100	//
PUMB, 2018	55.0	58.0	34.0%	31.8%	-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%	0.2	6.25%	A	31 Jul 2018	60	//
PrivatBank, 2015	67.5	69.5	577.9%	528.4%	9.6%	0.1	9.38%	S/A	23 Sept 2015	200	Cau//CC
PrivatBank, 2016	59.0	61.0	160.8%	148.4%	21.2%	0.3	8.75%	S/A	9 Feb 2016	150	Cau//CC
PrivatBank, 2018	67.1	68.1	30.6%	29.8%	1.5%	1.8	10.88%	S/A	28 Feb 2018	175	Cau//CC
UkrEximBank, 2022	83.5	84.5	13.4%	13.2%	n/a	3.3	9.625%	S/A	27 Apr 2022	750	WR//C
UkrEximBank, 2023	61.0	63.0	16.9%	16.3%	n/a	n/a	7.51%	S/A	9 Feb 2023	125	Ca//C
UkrEximBank, 2025	81.1	82.4	13.3%	13.1%	n/a	4.4	9.75%	S/A	22 Jan 2025	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	82.0	85.0	49.9%	41.8%	42.7%	0.4	8.25%	S/A	10 Mar 2016	700	Ca//CC
Oschadbank, 2018	80.3	82.2	18.9%	17.8%	43.9%	2.0	8.88%	S/A	20 Mar 2018	500	Ca//CC
Municipal Eurobonds											
City of Kyiv, 2015	53.3	55.1	434.8%	404.3%	-25.3%	0.1	8.00%	S/A	6 Nov 2015	250	Ca/CC/CC
City of Kyiv, 2016	52.5	55.0	103.5%	95.5%	-24.0%	0.6	9.375%	S/A	30 Jun 2016	300	Ca/CC/CC

SOVEREIGNS vs. BANKING EUROBONDS



SOVEREIGNS vs. CORPORATE and MUNICIPAL EUROBONDS



¹ Moody's/S&P/Fitch; * EUR

Source: Bloomberg, Cbonds, Eavex Research

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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