

Market Update

Equity

Kyiv-listed blue chips were moderately higher on Friday (Jul 31) amid a cautiously optimistic mood ahead of the expected positive IMF decision on disbursement of a new USD 1.7bn loan tranche to Ukraine. The decision was not fully priced in by the market, as the announcement came after the local market closure. The UX index added 0.5% to end the week and the month at 976 points. Avdyivka Coke advanced by 1.8%, approaching UAH 1 after its big plunge at the beginning of last week. Steel sector names were mixed. Alchevsk Steel was unchanged despite news that the company will restart its long-idled second blast furnace in the coming days. Azovstal increased by 1.3%, while Yenakievo Steel was the day's worst UX basket performer, falling by 2.8%. Volume leader UkrNafta edged up 0.5% to UAH 284. In London, Ferrexpo (FXPO) slipped 1.3% and Avangard declined by 4.1%, moving closer to its all-time low of one dollar. In Warsaw, Kernel finished essentially unchanged at PLN 43.80.

Fixed Income

Ukrainian sovereigns saw a strong advance on Friday in anticipation of the IMF's positive decision about providing a USD 1.7bn loan tranche to Ukraine. Ukraine-23s improved by a solid 3.1p.p. to 57.5/60.5 (17.3%/17.0%). Meanwhile, the corporate universe was mixed. MHP-20s rose by 1.1p.p. to 82.3/83.3 (13.5%/13.1%) while Metinvest-18s edged down by 0.3p.p. to 57.5/59.0 (35.6%/34.2%).

Volume Leaders	Ticker	Last, UAH	1D ch	Volume, UAH mn	Number of Trades
Ukrnafta	UNAF	283.80	0.5%	0.87	39
Centrenergo	CEEN	7.44	1.6%	0.65	82
Donbasenergo	DOEN	20.36	0.4%	0.44	14

Growth Leaders

Avdyivka Coke	AVDK	0.98	1.8%	0.199	31
Centrenergo	CEEN	7.44	1.6%	0.655	82
Azovstal	AZST	0.77	1.3%	0.072	6

Loss Leaders

Donetsk Steel Rolling	DMPZ	0.00	-49.3%	0.004	8
Yenakievo Steel	ENMZ	17.00	-2.8%	0.066	16
Donbasenergo	DOEN	20.36	0.4%	0.443	14

Highlights

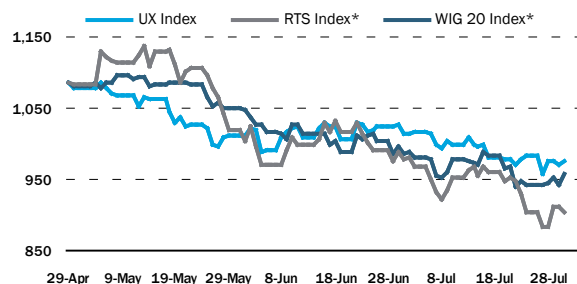
POLITICS AND ECONOMICS

- IMF Approves USD 1.7bn Loan Tranche to Ukraine

FIXED INCOME

- Metinvest's Crude Steel Output Down 32% YoY in 1H15

STOCK MARKET PERFORMANCE

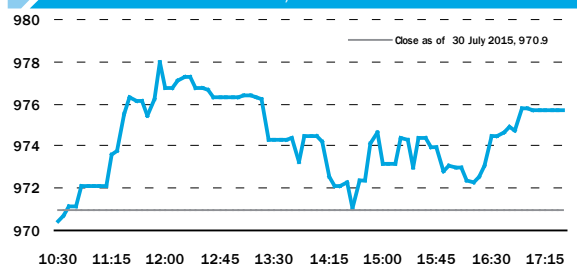


* rebased

MARKET INDEXES

	Last	1D ch	1M ch	YTD
UX	975.7	0.5%	-4.9%	-5.6%
RTS	858.8	-1.0%	-8.6%	8.6%
WIG20	2227.5	1.8%	-3.9%	-3.8%
MSCI EM	901.7	0.9%	-7.3%	-5.7%
S&P 500	2103.8	-0.2%	2.0%	2.2%

UX INTRADAY JULY 31, 2015



FIXED INCOME

	Last	1D ch	1M ch	YTD
EMBI+Global	406.7	0.3%	3.8%	0.6%
CDS 5Y UKR	2000.0	-13.0%	-34.4%	-9.1%
Ukraine-17	33.3%	-3.0 p.p.	-9.1 p.p.	7.6 p.p.
MHP-20	13.3%	-0.4 p.p.	-0.6 p.p.	-4.2 p.p.
Ukraine-23	17.3%	-1.1 p.p.	-1.8 p.p.	9.8 p.p.
Privatbank-18	30.2%	0.0 p.p.	-0.7 p.p.	-2.4 p.p.

CURRENCY

	Last, UAH	1D ch	1M ch	YTD
USD	21.23	0.6%	1.0%	34.2%
EUR	23.32	1.1%	-0.5%	21.8%
RUB	0.34	-2.5%	-9.4%	25.2%

COMMODITIES

	Last	1D ch	1M ch	YTD
Wheat, USD/t*	196.7	0.0%	-4.7%	-20.1%
Steel, USD/t	347.5	0.0%	-4.1%	-22.8%
Oil, USD/bbl	52.2	-2.1%	-18.6%	-11.8%
Gold, USD/oz	1095.8	0.7%	-6.5%	-7.5%

*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

IMF Approves USD 1.7bn Loan Tranche to Ukraine

by Ivan Dzvinka
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NEWS

The Executive Board of the International Monetary Fund has approved the payout of the second tranche of Ukraine's current loan program in the amount of some USD 1.7bn, according to the IMF's press release from Friday (Jul 31). The approval followed the completion of the first review of Ukraine's 4-year "Extended Fund Facility" in the overall amount of some USD 17.5bn.

COMMENTARY

Prime Minister Arseniy Yatseniuk told local media on Sunday (Aug 2) that the second tranche of the IMF loan will be used for replenishment of foreign currency reserves. After the disbursement, Ukraine's reserves should increase to USD 12bn, Yatseniuk said. David Lipton, the IMF's deputy managing director, mentioned encouraging signs in terms of Ukraine's stabilized exchange rate and a moderation in the pace of economic decline. However, he stressed that significant structural and institutional reforms are highly needed to address economic imbalances, and we share the IMF's view. We see the core target of such reforms as reducing the scale of corruption in relation to the diversion/theft of national budget funds, a practice which has been sapping Ukraine's economic potential ever since its independence.

Metinvest's Crude Steel Output Down 32% YoY in 1H15

by Ivan Dzvinka
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NEWS

Metinvest, Ukraine's largest metals & mining group, reported a 32% YoY drop in crude steel output to 3.88mn tonnes over 1H15, according to operating results released on Friday (Jul 31). The group reduced its hot metal production by a similar 33% YoY to 3.84mn tonnes. Iron ore concentrate output was down by 12% to 15.81mn tonnes due to high inventories from the last year. Coke and coking coal production were down by 39% and 31% to 1.83mn tonnes and 1.64mn tonnes, respectively.

On the positive side, Metinvest managed to show better results in 2Q15 after the disappointing war-driven results in 1Q15. Hot metal output rose 32% QoQ to 2.20mn tonnes, fuelled by a 2.1x QoQ jump in output at Yenakievo Steel, which had been shut down for some 40 days during Feb-Mar. Iron ore concentrate output was up by 12% QoQ to 8.36mn tonnes. Tradable ore concentrate production grew by 33% QoQ to 3.54mn tonnes, while tradable pellet output dropped by 13% QoQ to 1.87mn tonnes. Coke output improved by 9% to 955,000 tonnes thanks to better results at the Donbass-based coke makers of the group. Coking coal production was down by 6% QoQ to 793,000 tonnes due to lower output at Krasnodon Coal on separatist-occupied territory.

COMMENTARY

While 2Q15 turned out to be much better than the previous quarter for Metinvest, the results are still much worse compared to a year earlier, before the Donbass war ratcheted up in 3Q14. Notably, crude steel production in 2Q15 is 26% YoY lower, with a similar 27% YoY decline in steel product output. Apart from the by-products of war (the core problem is damaged infrastructure), operational data of the metallurgical segment in 2Q15 was also affected by strong competition on the steel market. Higher iron ore production looks encouraging, but the point which raises considerable concern for us is Metinvest's drop in pellet production. At the current benchmark ore concentrate price of USD 50-55/t, Metinvest's export sales of concentrate to China are barely at breakeven on the operating profit level, but higher-value-added pellet exports remain profitable.

EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
Agriculture						
Kernel	KER PW	43.8	56.50	29%	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	10.0	15.32	53%	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	35.6	36.1	1%	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	5.4	9.4	74%	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	1.1	1.4	30%	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	83.0	80.8	-3%	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	57.8	48.0	-17%	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	0.77	0.56	-28%	SELL	Non-transparent reporting practices detrimentally affect Azovstal's reported earnings.
Coke						
Avdyivka Coke	AVDK	0.98	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	2646	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	5.0	U/R	--	U/R	Regal has repeatedly missed its production targets since 2012.
JKX Oil & Gas	JKX	16.3	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						
DonbasEnerg	DOEN	20.4	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	7.44	15.00	102%	BUY	CenterEnerg'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	0.086	0.24	179%	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	975.72	1332.24	908.88	0.5%	-0.8%	-4.9%	-5.6%	0.0%	0.0%	0.0%	0.0%
Steel												
Alchevsk Steel	ALMK	0.012	0.037	0.010	0.0%	-1.6%	-7.5%	-14.5%	-0.5%	-0.8%	-2.5%	-8.9%
Azovstal	AZST	0.77	0.95	0.59	1.3%	-0.9%	-3.0%	3.8%	0.8%	-0.1%	1.9%	9.3%
Enakievo Steel	ENMZ	17.00	44.54	14.03	-2.8%	0.6%	-1.4%	-18.9%	-3.3%	1.4%	3.5%	-13.3%
Coke												
Avdyivka Coke	AVDK	0.98	3.19	0.86	1.8%	-4.6%	-14.8%	-43.4%	1.3%	-3.8%	-9.9%	-37.8%
Yasnyivsky Coking	YASK	0.24	0.75	0.18	0.0%	-4.0%	-4.0%	-14.3%	-0.5%	-3.2%	0.9%	-8.7%
Iron Ore Mining												
Centralny GOK	CGOK	4.25	n/a	n/a	-38.9%	-38.9%	-36.2%	-45.4%	-39.4%	-38.1%	-31.3%	-39.9%
Ferrexpo	FXPO	57.75	139.70	47.91	-1.3%	3.6%	-13.2%	9.0%	-1.8%	4.4%	-8.2%	14.5%
Pivnichny GOK	SGOK	6.25	12.30	4.44	-0.8%	-0.8%	-8.8%	-25.3%	-1.3%	0.0%	-3.8%	-19.8%
Coal Mining												
Pokrovske Mine	SHCHZ	0.25	n/a	n/a	0.0%	0.0%	19.0%	-46.8%	-0.5%	0.8%	24.0%	-41.2%
Pipe Manufacturing												
Khartsyzk Pipe	HRTR	0.20	0.70	0.20	-4.8%	-4.8%	-4.8%	-47.4%	-5.3%	-4.0%	0.2%	-41.8%
Railcar Manufacturing												
Kryukiv Wagon	KVBZ	9.97	18.41	9.05	-0.2%	0.2%	-2.4%	-22.4%	-0.7%	1.0%	2.6%	-16.8%
Luhanskeplovoz	LTPL	1.35	1.80	0.51	0.0%	0.0%	22.7%	25.0%	-0.5%	0.8%	27.6%	30.6%
Specialized Machinery												
Motor Sich	MSICH	2646	2939	1970	0.8%	0.9%	-6.1%	6.6%	0.3%	1.7%	-1.2%	12.1%
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	0.18	0.21	0.10	28.2%	28.2%	8.8%	18.1%	27.7%	29.0%	13.7%	23.7%
Oil & Gas												
Regal Petroleum	RPT	5.02	9.25	3.13	-4.4%	0.0%	5.2%	60.6%	-4.9%	0.8%	10.2%	66.2%
JKX Oil	JKX	16.25	51.00	11.00	0.0%	-17.7%	-40.9%	35.4%	-0.5%	-16.9%	-36.0%	41.0%
Ukrnafta	UNAF	283.8	375.0	172.5	0.6%	-2.8%	-2.1%	39.6%	0.1%	-2.1%	2.8%	45.2%
Power Utilities												
Centrenergo	CEEN	7.44	8.50	6.72	1.0%	-0.8%	-4.0%	-1.4%	0.6%	0.0%	0.9%	4.2%
Donbasenergo	DOEN	20.36	42.00	19.01	0.3%	0.7%	-7.9%	-38.3%	-0.1%	1.5%	-3.0%	-32.7%
Zakhidenergo	ZAEN	170.0	199.8	120.8	0.0%	25.9%	1.8%	14.8%	-0.5%	26.7%	6.7%	20.4%
Consumer												
Agroton	AGT	1.23	2.43	0.95	-3.1%	-12.1%	8.8%	0.0%	-3.6%	-11.4%	13.8%	5.6%
Astarta	AST	35.63	39.27	14.50	1.0%	1.8%	14.9%	78.2%	0.5%	2.6%	19.9%	83.7%
Avangardo	AVGR	1.05	9.43	1.00	-4.1%	-2.8%	-4.5%	-48.8%	-4.6%	-2.0%	0.4%	-43.2%
Industrial Milk Company	IMC	5.40	8.80	4.38	n/a	-7.4%	16.4%	-4.8%	n/a	-6.6%	21.3%	0.8%
Kernel	KER	43.79	44.79	22.00	0.4%	-1.4%	15.9%	53.9%	-0.1%	-0.6%	20.9%	59.4%
Mriya Agro Holding	MAYA	n/a	4.05	0.05	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MHPC	MHPC	10.00	13.48	8.24	-2.0%	-2.9%	-1.0%	8.7%	-2.5%	-2.1%	3.9%	14.3%
Milkiland	MLK	1.35	5.73	1.30	n/a	-18.2%	-12.9%	-8.8%	n/a	-17.4%	-8.0%	-3.2%
Ovostar Union	OVO	83.00	83.00	67.00	0.2%	0.0%	5.7%	15.3%	-0.3%	0.8%	10.6%	20.9%
Chemicals												
Stirol	STIR	3.00	12.50	3.00	0.0%	-45.5%	-57.1%	-56.7%	-0.5%	-44.7%	-52.2%	-51.1%
Banks												
Raiffeisen Bank Aval	BAVL	0.086	0.150	0.085	0.1%	-1.8%	-6.5%	-10.5%	-0.4%	-1.0%	-1.6%	-4.9%
UkrSotsbank	USCB	0.090	0.177	0.064	18.4%	5.9%	8.4%	-30.9%	17.9%	6.7%	13.3%	-25.3%

Source: Bloomberg

* companies listed abroad are in traded currency

MAIN FINANCIAL FORECASTS, USD mn

Name	Ticker	Net Sales			EBITDA			EBITDA margin			Net Profit			Net Profit margin		
		2013	2014E	2015E	2013	2014E	2015E	2013	2014E	2015E	2013	2014E	2015E	2013	2014E	2015E
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	132	149	132	1	-42	-14	0.1%	-8.0%	-3.9%

Source: Eavex Research

MAIN TRADING MULTIPLES

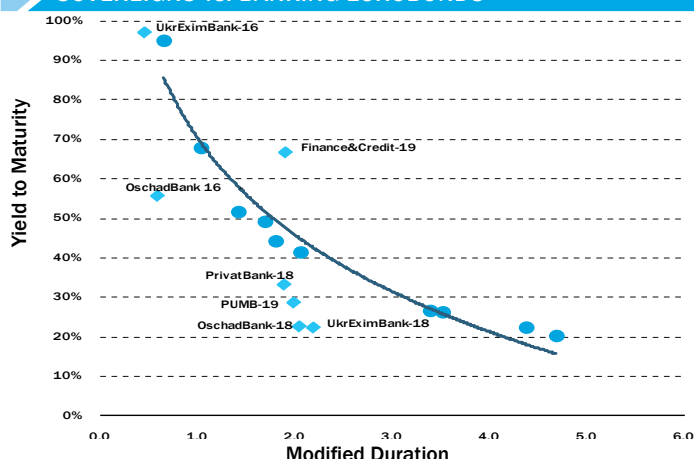
Ticker	MCap USD mn	Free Float % USD mn	EV USD mn	P/E			EV/EBITDA			EV/Sales			EV/Output			Units		
				2013	2014E	2015E	2013	2014E	2015E	2013	2014E	2015E	2013	2014E	2015E			
Steel																		
Alchevsk Steel	ALMK	15	3.9%	1	2,629	neg	neg	neg	neg	neg	neg	1.5	3.8	9.4	679	633	615	\$/tonne
Yenakievo Steel	ENMZ	8	8.8%	1	6	neg	neg	0.4	neg	1.1	0.2	0.0	0.0	0.0	2	2	2	\$/tonne
Azovstal	AZST	153	3.0%	5	147	neg	2.0	2.3	neg	0.8	1.2	0.1	0.1	0.1	32	32	32	\$/tonne
Coke																		
Avdiyivka 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	235	0.3%	1	233	1.2	2.0	2.9	0.7	1.0	1.5	0.3	0.4	0.4				
Pivnichny GOK	SGOK	678	0.4%	3	672	1.2	2.1	3.0	0.7	1.0	1.5	0.4	0.5	0.5				
Ferrexpo	FXPO	526	24.0%	126	1,221	2.0	2.9	5.4	2.4	2.5	4.8	0.8	0.9	1.2				
Pipe Manufacturing																		
Khartsyzk Pipe	HRTR	24	2.0%	0	70	5.2	1.1	13.3	2.2	1.6	4.0	0.2	0.4	0.8	111	185	176	\$/tonne
Railcar Manufacturing																		
LuganskTeplovoz	LTPL	14	24.0%	3	51	0.7	neg	n/a	1.4	neg	n/a	0.2	0.4	n/a				
Krukiv Wagon	KVBZ	54	5.0%	3	48	1.3	neg	neg	0.9	neg	neg	0.1	0.4	0.7				
Specialized Machinery																		
Turboatom	TATM	70	5.8%	4	39	1.0	1.3	3.1	0.4	0.5	1.1	0.2	0.2	0.3				
Motor Sich	MSICH	259	24.0%	62	287	1.6	2.0	2.8	0.7	0.8	1.3	0.3	0.3	0.5				
Telecom																		
Ukrtelecom	UTLM	158	7.2%	11	249	neg	8.7	17.4	neg	2.9	3.5	0.3	0.6	1.0				
Oil & Gas																		
Ukrnafta	UNAF	725	3.0%	22	718	>30	6.9	2.9	2.5	1.9	1.4	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	43	50.4%	22	152	6.7	neg	8.7	2.3	2.2	2.2	0.8	1.0	1.0	28	21	20	\$/boe
Electric Utilities																		
CentrEnerg	CEEN	129	21.7%	28	146	2.2	22.0	neg	1.5	5.6	neg	0.2	0.2	0.5	8	11	9	\$/MWh
DonbasEnerg	DOEN	23	14.2%	3	50	0.3	2.7	neg	0.7	2.5	neg	0.1	0.1	0.3	6	6	6	\$/MWh
Consumer																		
MHP	MHPC	1,057	34.1%	360	2,157	6.5	neg	>30	5.5	3.9	4.1	1.4	1.6	1.9				
Kernel	KER	937	61.8%	579	1,413	8.9	neg	9.4	4.9	6.3	3.4	0.5	0.6	0.6				
Astarta	AST	239	37.0%	89	450	7.0	neg	neg	4.9	3.1	4.6	0.9	1.1	1.3				
Avangardco	AVGR	67	22.5%	15	293	0.3	neg	neg	1.0	2.3	3.1	0.4	0.7	0.8	66	50	47	\$/mneqgs
Ovostar	OVO	134	25.0%	33	142	4.3	5.2	5.5	4.0	4.9	5.7	1.7	1.9	1.8	n/a	n/a	n/a	
Banks																		
						P/E			P/Book			P/Assets						
Raiffeisen Bank Aval	BAVL	122	3.5%	4		1.4	neg	neg	0.1	0.3	0.4	0.02	0.04	0.06				
Ukrsotsbank	USCB	78	1.0%	1		>30	>30	>30	0.1	0.2	0.2	0.02	0.03	0.04				

Source: Eavex Research

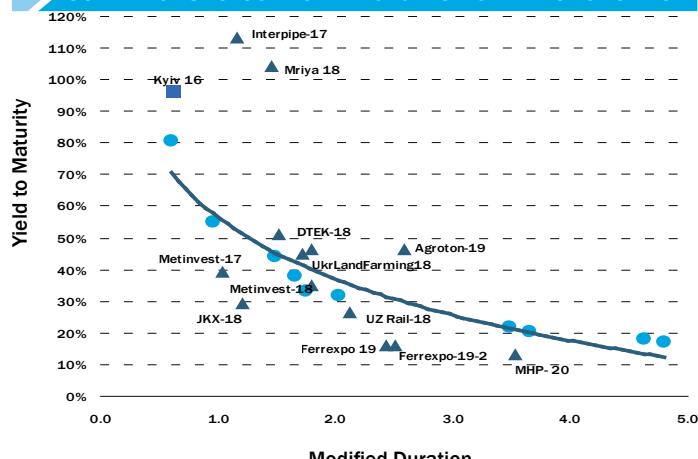
UKRAINIAN EUROBONDS

Issue	Price (Bid)	Price (Ask)	YTM (Bid)	YTM (Ask)	Price chg. (YTD)	Modified Duration	Coupon	Coupon Period	Maturity Date	Volume USD mn	Ratings ¹
Sovereign Eurobonds											
Ukraine, 2015 (EUR)	60.5	62.0	327.0%	307.7%	-9.9%	0.1	4.95%	A	13 Oct 2015	600*	Ca/CC/CC
Ukraine, 2015	60.7	63.1	477.1%	440.9%	-12.0%	0.1	6.875%	S/A	23 Sept 2015	500	Ca/CC/CC
Ukraine, 2016	58.2	59.4	56.0%	53.9%	-6.2%	1.0	6.58%	S/A	21 Nov 2016	1,000	Ca/CC/CC
Ukraine, 2016-2	58.2	59.5	82.6%	79.0%	-9.1%	0.6	6.25%	S/A	17 Jun 2016	1,250	Ca/CC/CC
Ukraine, 2017	59.0	60.5	34.0%	32.6%	-5.5%	1.8	6.75%	S/A	14 Nov 2017	700	Ca/CC/CC
Ukraine, 2017-2	56.4	57.4	44.8%	43.6%	-8.6%	1.5	9.25%	S/A	24 Jul 2017	2,000	Ca/CC/CC
Ukraine, 2017 Infr. projects	57.4	58.4	38.2%	37.2%	-5.9%	1.7	8.375%	S/A	3 Nov 2017	568	Ca//
Ukraine, 2018 Infr. projects	57.3	58.3	32.2%	31.3%	-3.8%	2.0	7.40%	S/A	20 Apr 2018	690	Ca//
Ukraine, 2020	57.3	58.1	22.1%	21.6%	-3.2%	3.5	7.75%	S/A	23 Sept 2020	1,500	Ca/CC/CC
Ukraine, 2021	59.0	60.0	20.7%	20.3%	0.2%	3.7	7.95%	S/A	23 Feb 2021	1,500	Ca/CC/CC
Ukraine, 2022	59.0	60.0	18.1%	17.8%	-1.1%	4.6	7.80%	S/A	28 Nov 2022	1,250	Ca/CC/CC
Ukraine, 2023	57.5	60.5	17.3%	17.0%	-0.6%	4.8	7.50%	S/A	17 Apr 2023	1,250	Ca/CC/CC
Corporate Eurobonds											
Agroton, 2019	28.1	32.3	49.0%	43.6%	-10.7%	2.6	8.00%	S/A	14 Jul 2019	50	//RD
MHP, 2020	82.3	83.3	13.5%	13.1%	20.1%	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	48.5	51.5	46.6%	43.4%	-3.8%	1.7	10.88%	S/A	26 Mar 2018	500	/CC/WD
Mriya, 2016	16.0	18.0	642.8%	570.4%	30.8%	0.2	10.95%	S/A	30 Mar 2016	72	/SD/RD
Mriya, 2018	16.0	18.0	108.5%	100.2%	30.8%	1.4	9.45%	S/A	19 Apr 2018	400	/SD/RD
DTEK, 2018	43.0	45.0	52.6%	50.0%	n/a	1.5	10.375%	S/A	28 Mar 2018	160	Ca//C
DTEK, 2018	43.0	45.0	47.9%	45.5%	-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	40.8%	37.9%	-16.4%	1.0	10.50%	S/A	28 Nov 2017	290	Caa3//C
Metinvest, 2018	57.5	59.0	35.6%	34.2%	5.0%	1.8	8.75%	S/A	14 Feb 2018	750	Caa3//C
Ferrexpo, 2019	83.9	85.5	16.4%	15.7%	n/a	2.5	10.375%	S/A	07 Apr 2019	186	Caa3//C
Ferrexpo, 2019	83.7	86.0	16.4%	15.5%	n/a	2.4	10.375%	S/A	07 Apr 2019	161	Caa3//C
RailUA, 2018	67.0	69.1	27.0%	25.6%	28.2%	2.1	9.50%	S/A	21 May 2018	500	/CC/C
Interpipe, 2017	20.0	30.0	132.1%	94.3%	-54.5%	1.2	10.25%	S/A	2 Aug 2017	200	//
JKX Oil&Gas, 2018	69.9	73.5	30.4%	27.9%	23.1%	1.2	8.00%	S/A	19 Feb 2018	40	
Bank Eurobonds											
Fin&Credit Bank, 2019	23.0	30.0	72.2%	58.4%	-68.1%	2.0	9.25%	S/A	25 Jan 2019	100	//
PUMB, 2018	55.0	58.0	33.7%	31.5%	-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%	0.3	6.25%	A	31 Jul 2018	60	//
PrivatBank, 2015	68.0	70.0	342.4%	313.0%	10.4%	0.1	9.38%	S/A	23 Sept 2015	200	Cau//CC
PrivatBank, 2016	59.0	61.0	143.8%	132.9%	21.2%	0.3	8.75%	S/A	9 Feb 2016	150	Cau//CC
PrivatBank, 2018	66.1	68.1	31.0%	29.4%	0.8%	1.8	10.88%	S/A	28 Feb 2018	175	Cau//CC
UkrEximBank, 2015	82.0	85.0	n/a	n/a	7.7%	n/a	8.38%	S/A	27 Jul 2015	750	WR//C
UkrEximBank, 2016	60.0	65.0	133.8%	109.5%	31.6%	n/a	5.79%	S/A	2 Sept 2016	125	Ca//C
UkrEximBank, 2018	78.0	80.0	20.6%	19.3%	39.8%	2.0	8.75%	S/A	22 Jan 2018	600	Ca//C
VAB Bank, 2019	2.0	6.0	n/a	n/a	-38.5%	n/a	9.00%	Q	14 Jun 2019	88	//WD
Oschadbank, 2016	82.0	83.5	45.7%	42.0%	41.5%	0.5	8.25%	S/A	10 Mar 2016	700	Ca//CC
Oschadbank, 2018	79.2	81.2	19.3%	18.2%	42.0%	2.1	8.88%	S/A	20 Mar 2018	500	Ca//CC
Municipal Eurobonds											
City of Kyiv, 2015	52.6	54.6	354.6%	328.2%	-26.1%	0.1	8.00%	S/A	6 Nov 2015	250	Ca/CC/CC
City of Kyiv, 2016	51.0	55.0	102.2%	90.0%	-25.0%	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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