

Market Update

Equity

The few remaining actively traded local Ukrainian equity names ended mixed on Wednesday (Feb 24) amid a lack of information over possible reformatting of the Yatseniuk Cabinet and the situation surrounding resumption of the country's IMF lending program. The UX benchmark ticked up by 0.1% to close at 634 points. Motor Sich (MSICH) held its gains from earlier in the week, finishing flat at UAH 1820, while CentrEnergO (CEEN) added 0.9% to UAH 4.51; the two heavyweight issues combined for UAH 650,000 in turnover. UkrNafta (UNAF) was unchanged at UAH 145 on very light volume, while Yenakievo Steel (ENMZ), which is stranded on separatist-controlled Donbass territory, plummeted 12.0% to yet another all-time low at UAH 10.99, leaving the Metinvest-affiliated company with a nominal implied market capitalization of less than USD 6mn. Data for second-tier issues listed on the Ukrainian Exchange remains unavailable. In London, Avangard and JXK Oil & Gas were both untraded at respective listings of 60 cents and GBp 25.00.

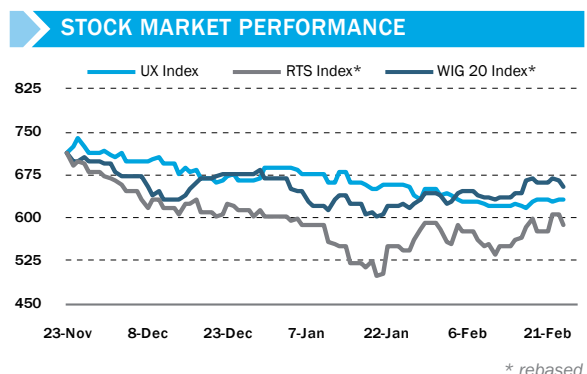
Fixed Income

Ukraine's sovereign Eurobonds lost ground on Wednesday amid a warning from Fitch about the ongoing lack of clarity regarding the IMF loan situation, with Ukraine-19s and Ukraine-27s dropping by 1.0p.p. and 1.3p.p. to 90.0/91.0 (11.3%/10.9%) and 82.5/83.5 (10.4%/10.2%), respectively. In corporate papers, DTEK-18s edged down by 0.5p.p. to 39.0/43.0 (70.3%/63.2%) while Metinvest-18s rose by the same increment, closing at 39.0/44.0 (64.9%/56.6%).

Highlights

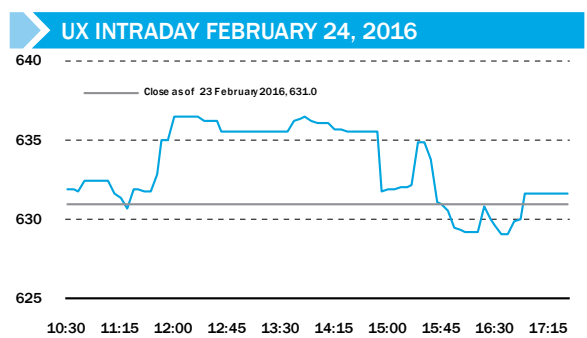
POLITICS AND ECONOMICS

- Ukraine Industrial Production Decline Slows to 1.7% YoY in January



MARKET INDEXES

	Last	1D ch	1M ch	YTD
UX	631.6	0.1%	-4.2%	-7.9%
RTS	737.7	-3.1%	6.7%	-2.6%
WIG20	1818.4	-1.4%	5.3%	-2.2%
MSCI EM	736.5	-1.1%	3.6%	-6.9%
S&P 500	1929.8	0.4%	1.2%	-6.5%



FIXED INCOME

	Last	1D ch	1M ch	YTD
EMBI+Global	497.9	0.2%	0.2%	12.7%
CDS 5Y UKR	1050.0	0.0%	0.0%	0.0%
Ukraine-19	11.1%	0.9 p.p.	1.7%	3.3%
Ukraine-27	10.3%	0.2 p.p.	1.0%	2.6%
MHP-20	13.6%	0.0 p.p.	0.9 p.p.	1.5 p.p.
RAILUA-18	19.1%	0.1 p.p.	1.9 p.p.	2.4 p.p.

CURRENCY

	Last, UAH	1D ch	1M ch	YTD
USD	27.35	0.4%	11.4%	13.8%
EUR	30.12	0.3%	13.6%	14.7%
RUB	0.36	1.1%	14.6%	10.5%

COMMODITIES

	Last	1D ch	1M ch	YTD
Wheat, USD/t*	169.5	0.0%	-1.7%	-7.1%
Steel, USD/t	267.5	0.0%	3.9%	5.9%
Oil, USD/bbl	34.4	3.4%	4.8%	-6.7%
Gold, USD/oz	1228.8	0.3%	11.9%	15.8%

*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

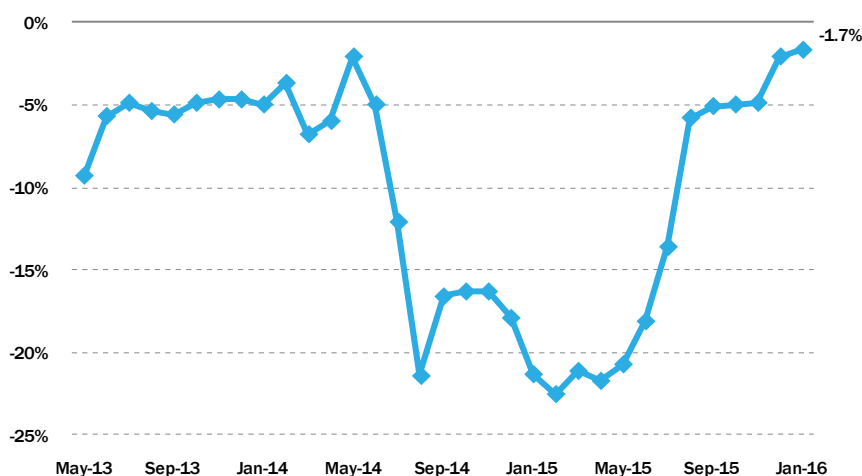
Ukraine Industrial Production Decline Slows to 1.7% YoY in January

by Dmitry Churin
d.churin@eavex.com.ua

NEWS

Ukraine's industrial production decline slowed to 1.7% YoY in January from a 2.1% YoY decline registered for December 2015, according to data from the State Statistics Committee released on Wednesday (Feb 24). In a month-on-month comparison, the industrial index was down 18.6% from December, in line with the historical holiday season pattern. In the extraction and manufacturing sectors, output declines of 2.6% YoY were registered in January, while in the utility sector production rose by 2.2% YoY.

UKRAINE'S MONTHLY INDUSTRIAL PRODUCTION INDEX, YOY



Source: State Statistics Committee

COMMENTARY

The year-on-year data for industrial output has improved notably thanks to the roll-off of high pre-war comparison bases; in January 2015, the IP index had plunged by 20.0% YoY compared to the beginning of 2014; we assume that the recession in the Ukrainian economy technically ended in November. Thus we believe that the IP index will finally return to positive territory this month, especially taking into account a 3% boost from this February's additional calendar day. On the other hand, Ukrainian internal consumption remains quite weak. Overall capital investment in the country decreased by 1.7% YoY in full-year 2015. UkrStat reported that some UAH 251bn (USD 11.6bn at the average UAH/USD exchange rate for the period) of capital investment was employed last year (excluding the occupied parts of the Donbass and Crimea). Regionally, the largest reduction in capital investment in 2015 were recorded in Donetsk and Luhansk provinces: -58.9% YoY and -73.9% YoY respectively, following large 2014 declines in those regions of -56% YoY and -60.8% YoY respectively.

EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
Agriculture						
Kernel	KER PW	48.1	57.20	19%	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	7.6	12.03	58%	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	31.2	36.1	16%	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	6.2	9.4	52%	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	0.6	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	94.0	80.8	-14%	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).
Iron Ore						
Ferrexpo	FXPO LN	24.8	11.0	-56%	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.
Steel						
Azovstal	AZST	0.30	0.56	88%	SELL	Non-transparent accounting practices overseen by majority owner Metinvest detrimentally affect Azovstal's reported earnings.
Coke						
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.
Specialized Machinery						
Motor Sich	MSICH	1820	5250	188%	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	3.0	U/R	--	U/R	Regal has repeatedly missed its production targets since 2012.
JKX Oil & Gas	JKX	25.5	U/R	--	U/R	The launch of extraction at JKX's Russian gas field has lifted output, but the company's higher-margin Ukrainian operations continue to lag behind expectations.
Power Utilities						
DonbasEnerg	DOEN	14.0	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	4.51	15.00	232%	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	0.070	0.24	241%	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	631.64	1158.71	602.94	0.1%	2.6%	-4.2%	-7.9%	0.0%	0.0%	0.0%	0.0%
Steel												
Alchevsk Steel	ALMK	0.013	0.017	0.010	1.6%	1.6%	5.0%	14.4%	1.5%	-1.0%	9.2%	22.3%
Azovstal	AZST	0.30	0.89	0.25	0.7%	4.2%	-21.7%	-26.0%	0.6%	1.6%	-17.5%	-18.1%
Enakievo Steel	ENMZ	10.99	19.78	8.60	-12.0%	-6.9%	-26.6%	-21.5%	-12.1%	-9.5%	-22.4%	-13.6%
Coke												
Avdyivka Coke	AVDK	1.13	1.60	0.86	0.0%	0.4%	-0.4%	3.0%	-0.1%	-2.3%	3.8%	10.9%
Yasnyivsky Coking	YASK	0.23	0.43	0.06	9.5%	4.5%	-4.2%	0.0%	9.4%	1.9%	0.1%	7.9%
Iron Ore Mining												
Centralny GOK	CGOK	4.00	n/a	n/a	0.0%	0.0%	-11.1%	-6.1%	-0.1%	-2.6%	-6.9%	1.8%
Ferrexpo	FXPO	24.75	80.00	14.00	-6.6%	16.5%	47.8%	15.1%	-6.7%	13.8%	52.0%	23.0%
Pivnichny GOK	SGOK	3.50	9.50	2.20	0.0%	-2.8%	-10.2%	-33.9%	-0.1%	-5.4%	-6.0%	-26.0%
Coal Mining												
Pokrovske Mine	SHCHZ	0.20	n/a	n/a	0.0%	0.0%	-13.0%	-13.0%	-0.1%	-2.6%	-8.8%	-5.1%
Pipe Manufacturing												
Khartsyzk Pipe	HRTR	0.10	0.59	0.07	0.0%	-16.7%	-47.4%	-44.4%	-0.1%	-19.3%	-43.1%	-36.5%
Railcar Manufacturing												
Kryukiv Wagon	KVBZ	8.59	12.95	6.82	1.3%	7.6%	7.2%	8.6%	1.2%	5.0%	11.5%	16.5%
Luhanskteplovoz	LTPL	0.45	n/a	n/a	0.0%	0.0%	0.0%	0.0%	-0.1%	-2.6%	4.2%	7.9%
Specialized Machinery												
Motor Sich	MSICH	1820	2889	1663	0.0%	8.3%	0.0%	-8.0%	-0.1%	5.7%	4.2%	-0.1%
Turboatom	TATM	6.00	n/a	n/a	1.7%	0.0%	-7.7%	33.3%	1.6%	-2.6%	-3.5%	41.2%
Telecom												
Ukrtelecom	UTLM	0.11	0.21	0.09	-12.0%	-15.3%	-31.0%	-8.3%	-12.1%	-17.9%	-26.8%	-0.4%
Oil & Gas												
Regal Petroleum	RPT	3.00	6.50	2.60	0.0%	9.1%	-4.2%	-20.0%	-0.1%	6.5%	0.1%	-12.1%
JKX Oil	JKX	25.00	37.38	15.50	0.0%	0.0%	-5.7%	-8.3%	-0.1%	-2.6%	-1.4%	-0.4%
Ukrnafta	UNAF	144.9	337.6	140.0	-0.1%	-1.4%	-13.8%	-18.1%	-0.2%	-4.1%	-9.5%	-10.2%
Power Utilities												
Centrenergo	CEEN	4.51	8.50	4.12	0.9%	1.2%	1.2%	-1.1%	0.8%	-1.5%	5.4%	6.8%
Donbasenergo	DOEN	14.00	31.96	13.90	-1.3%	-2.8%	-6.7%	-11.2%	-1.4%	-5.4%	-2.4%	-3.3%
Zakhidenergo	ZAEN	84.0	193.9	52.0	0.0%	12.0%	19.8%	0.0%	-0.1%	9.4%	24.1%	7.9%
Consumer												
Agroton	AGT	0.95	1.40	0.80	-3.1%	-8.7%	14.5%	-5.9%	-3.2%	-11.3%	18.7%	2.0%
Astarta	AST	31.20	38.50	21.19	0.5%	4.0%	6.4%	-9.6%	0.4%	1.4%	10.6%	-1.7%
Avangardo	AVGR	0.60	3.45	0.23	0.0%	-20.0%	-40.0%	-52.0%	-0.1%	-22.6%	-35.8%	-44.1%
Industrial Milk Company	IMC	6.19	6.90	4.38	0.0%	-0.2%	6.0%	3.7%	-0.1%	-2.8%	10.2%	11.6%
Kernel	KER	48.06	55.20	29.40	-1.5%	1.5%	15.0%	-0.1%	-1.6%	-1.2%	19.2%	7.8%
Mriya Agro Holding	MAYA	n/a	0.50	0.05	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MHPC	MHPC	7.61	12.05	7.10	0.1%	1.3%	-0.7%	-18.2%	0.0%	-1.3%	3.6%	-10.3%
Milkiland	MLK	1.31	3.50	0.89	-3.7%	-8.4%	15.9%	-7.7%	-3.8%	-11.0%	20.2%	0.2%
Ovostar Union	OVO	94.00	94.00	68.00	0.0%	2.2%	5.6%	3.9%	-0.1%	-0.5%	9.8%	11.8%
Chemicals												
Stirol	STIR	4.00	n/a	n/a	0.0%	24.6%	-32.8%	-32.8%	-0.1%	22.0%	-28.5%	-24.9%
Banks												
Raiffeisen Bank Aval	BAVL	0.070	0.114	0.063	0.6%	2.0%	-1.5%	-6.5%	0.5%	-0.6%	2.7%	1.4%
UkrSotsbank	USCB	0.090	0.145	0.060	0.0%	2.3%	-6.6%	-9.0%	-0.1%	-0.4%	-2.4%	-1.1%

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
Steel																
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%
Coke																
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%
Iron Ore Mining																
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%
Pipe Manufacturing																
Khartsyzk Pipe	HRTR	193	92	75	43	18	12	22.6%	19.3%	15.8%	23	2	1	11.7%	2.0%	1.1%
Railcar Manufacturing																
Kryukiv Wagon	KVBZ	179	41	46	-17	-4	-4	-9.3%	-9.3%	-7.7%	-22	-9	-4	-12.3%	-22.2%	-9.1%
Specialized Machinery																
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	700	693	342	238	191	38.9%	33.9%	27.5%	129	169	75	14.7%	24.2%	10.8%
Telecom																
Ukrtelecom	UTLM	412	254	207	85	72	58	20.6%	28.5%	28.0%	18	9	4	4.4%	3.6%	2.0%
Oil & Gas																
Ukrnafta	UNAF	2,324	1,336	963	380	219	120	16.4%	16.4%	12.5%	105	-23	33	4.5%	-1.7%	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%
Electric Utilities																
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%
Consumer																
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	347	385	159	137	114	34.0%	39.5%	29.6%	-90	88	19	-19.3%	25.2%	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
Banks																
		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			
Steel																		
Alchevsk Steel	ALMK	12	3.9%	0	2,627	n/a	neg	neg	10.6	neg	neg	2.1	5.0	5.1	679	633	615	\$/tonne
Yenakievo Steel	ENMZ	4	8.8%	0	218	neg	neg	neg	>30	12.4	17.5	0.2	0.3	0.5	80	76	74	\$/tonne
Azovstal	AZST	45	3.0%	1	9	0.6	neg	neg	0.0	0.1	0.2	0.0	0.0	0.0	2	2	2	\$/tonne
Coke																		
Avdyivka Coke	AVDK	8	6.8%	1	7	neg	2.1	6.5	neg	0.2	0.2	0.0	0.0	0.0	2	2	2	\$/tonne
Yasynivsky Coke	YASK	2	9.0%	0	2	neg	neg	neg	neg	neg	neg	0.0	0.0	0.0	n/a	n/a	n/a	\$/tonne
Iron Ore Mining																		
Centralny GOK	CGOK	171	0.3%	0	170	2.7	neg	neg	0.7	1.0	1.4	0.3	0.6	0.8				
Pivnichny GOK	SGOK	295	0.4%	1	288	2.3	neg	neg	0.5	1.1	2.1	0.3	0.5	0.6				
Ferrexpo	FXPO	201	24.0%	48	1,219	1.1	1.7	neg	2.5	5.0	18.8	0.9	1.3	1.7				
Pipe Manufacturing																		
Khartsyzk Pipe	HRTR	10	2.0%	0	55	0.4	5.2	11.4	1.3	3.1	4.7	0.3	0.6	0.7	138	184	221	\$/tonne
Railcar Manufacturing																		
Krukiv Wagon	KVBZ	36	5.0%	2	30	neg	neg	neg	neg	neg	neg	0.2	0.7	0.7				
Specialized Machinery																		
Turboatom	TATM	54	5.8%	3	24	1.0	2.3	3.3	0.3	0.6	0.8	0.1	0.2	0.3				
Motor Sich	MSICH	138	24.0%	33	162	1.1	0.8	1.9	0.5	0.7	0.8	0.2	0.2	0.2				
Telecom																		
Ukrtelecom	UTLM	75	7.2%	5	166	4.1	8.2	18.2	2.0	2.3	2.9	0.4	0.7	0.8				
Oil & Gas																		
Ukrnafta	UNAF	287	3.0%	9	281	2.7	neg	8.7	0.7	1.3	2.3	0.1	0.2	0.3	n/a	n/a	n/a	\$/boe
Regal Petroleum	RPT	13	21.6%	3	-12	neg	2.3	neg	neg	-0.8	-1.2	-0.3	-0.3	-0.5	n/a	n/a	n/a	\$/boe
JKX Oil & Gas	JKX	60	50.4%	30	168	neg	11.9	29.8	2.5	2.4	3.1	1.1	1.1	1.4	31	23	22	\$/boe
Electric Utilities																		
CentrEnergO	CEEN	61	21.7%	13	44	10.4	13.2	5.9	1.7	3.3	3.5	0.1	0.1	0.1	3	3	3	\$/MWh
DonbasEnergO	DOEN	12	14.2%	2	26	1.4	neg	5.8	1.3	neg	4.1	0.1	0.1	0.1	3	3	3	\$/MWh
Consumer																		
MHP	MHPC	804	34.1%	274	1,910	neg	neg	3.8	3.7	4.2	4.2	1.4	1.7	1.5				
Kernel	KER	964	61.8%	596	1,346	neg	9.6	5.3	6.0	3.4	3.9	0.6	0.6	0.6				
Astarta	AST	196	37.0%	73	400	neg	2.2	10.5	2.5	2.9	3.5	0.9	1.2	1.0				
Avangardco	AVGR	38	22.5%	9	336	neg	n/a	n/a	2.6	n/a	n/a	0.8	n/a	n/a	76	58	54	\$/mneggs
Ovostar	OVO	142	25.0%	36	149	5.5	n/a	n/a	5.1	n/a	n/a	2.0	n/a	n/a	n/a	n/a	n/a	
Banks																		
						P/E			P/Book			P/Assets						
Raiffeisen Bank Aval	BAVL	158	1.8%	3		neg	neg	4.8	0.4	0.5	0.5	0.06	0.08	0.07				
Ukrsotsbank	USCB	254	0.2%	1		>30	>30	>30	0.7	0.8	0.9	0.12	0.17	0.16				

Source: Eavex Research

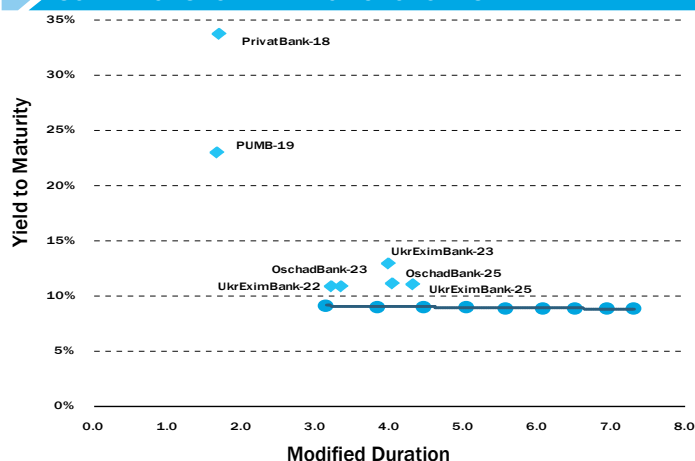
UKRAINIAN EUROBONDS

Issue	Price (Bid)	Price (Ask)	YTM (Bid)	YTM (Ask)	Price chg. (YTD)	Modified Duration	Coupon	Coupon Period	Maturity Date	Volume USD mn	Ratings ¹
Sovereign Eurobonds											
Ukraine, 2019	90.0	91.0	11.3%	10.9%	-3.3%	2.8	7.75%	S/A	1 Sept 2019	1,155	Caa3/B-/CCC
Ukraine, 2020	88.4	89.4	11.1%	10.8%	-3.9%	3.5	7.75%	S/A	1 Sept 2020	1,531	Caa3/B-/CCC
Ukraine, 2021	87.8	88.8	10.8%	10.5%	-3.7%	4.1	7.75%	S/A	1 Sept 2021	1,378	Caa3/B-/CCC
Ukraine, 2022	86.8	87.8	10.6%	10.4%	-3.7%	4.7	7.75%	S/A	1 Sept 2022	1,355	Caa3/B-/CCC
Ukraine, 2023	85.5	86.5	10.6%	10.4%	-4.0%	5.2	7.75%	S/A	1 Sept 2023	1,330	Caa3/B-/CCC
Ukraine, 2024	84.5	85.5	10.6%	10.4%	-4.4%	5.6	7.75%	S/A	1 Sept 2024	1,315	Caa3/B-/CCC
Ukraine, 2025	83.5	84.5	10.5%	10.3%	-5.0%	6.0	7.75%	S/A	1 Sept 2025	1,306	Caa3/B-/CCC
Ukraine, 2026	82.8	83.8	10.5%	10.3%	-5.0%	6.4	7.75%	S/A	1 Sept 2026	1,295	Caa3/B-/CCC
Ukraine, 2027	82.5	83.5	10.4%	10.2%	-4.7%	6.8	7.75%	S/A	1 Sept 2027	1,286	Caa3/B-/CCC
Ukraine, GDP-linked (VRI)	29.0	30.5	n/a	n/a	-27.0%	n/a	0.00%	S/A	31 May 2040	2,916	Caa3/B-/CCC
Corporate Eurobonds											
Agroton, 2019	10.0	13.0	116.4%	98.2%	0.0%	1.5	8.00%	S/A	14 Jul 2019	50	//RD
MHP, 2020	83.1	84.1	13.8%	13.4%	-4.3%	3.1	8.25%	S/A	2 Apr 2020	750	/CCC-/CCC
Avangardco, 2018	44.8	46.8	47.1%	45.0%	-10.4%	2.0	10.00%	S/A	29 Oct 2018	206	//WD
UkrLandFarming, 2018	30.0	43.0	91.7%	64.0%	-27.0%	1.2	10.88%	S/A	26 Mar 2018	500	/CC/WD
Mriya, 2016	9.0	12.0	n/a	n/a	-16.0%	0.0	10.95%	S/A	30 Mar 2016	72	/SD/RD
Mriya, 2018	n/a	n/a	n/a	n/a	-16.0%	1.0	9.45%	S/A	19 Apr 2018	400	/SD/RD
DTEK, 2018	39.0	43.0	70.3%	63.2%	-1.2%	n/a	10.375%	S/A	28 Mar 2018	160	Ca//C
DTEK, 2018	40.5	43.5	62.4%	57.5%	-5.6%	1.4	7.88%	S/A	4 Apr 2018	750	Ca//C
Metinvest, 2016	40.1	43.1	n/a	n/a	-26.7%	n/a	10.25%	S/A	31 Jan 2016	85	Caa3//C
Metinvest, 2017	39.5	43.2	76.1%	68.7%	-8.8%	0.3	10.50%	S/A	28 Nov 2017	290	Caa3//C
Metinvest, 2018	39.0	44.0	64.9%	56.6%	-6.7%	1.4	8.75%	S/A	14 Feb 2018	750	Caa3//C
Ferrexpo, 2019	52.6	56.2	37.3%	34.3%	-0.5%	2.5	10.375%	S/A	07 Apr 2019	186	Caa3//C
Ferrexpo, 2019	39.0	44.0	64.9%	56.6%	-4.3%	1.4	10.375%	S/A	07 Apr 2019	161	Caa3//C
RailUA, 2018	82.3	84.0	19.6%	18.5%	-3.6%	1.8	9.50%	S/A	21 May 2018	500	/CC/C
Interepipe, 2017	23.0	33.0	149.7%	107.3%	-6.7%	0.9	10.25%	S/A	2 Aug 2017	200	//
JKX Oil&Gas, 2018	68.1	72.1	38.6%	34.9%	-2.7%	0.8	8.00%	S/A	19 Feb 2018	40	
Bank Eurobonds											
Fin&Credit Bank, 2019	4.7	10.0	190.3%	127.9%	-19.8%	1.4	9.25%	S/A	25 Jan 2019	100	//
PUMB, 2018	73.6	76.0	24.1%	22.6%	0.9%	1.6	11.00%	Q	31 Dec 2018	275	WR//NR
Nadra Bank, 2018	1.0	8.3	n/a	n/a	-36.2%	0.1	6.25%	A	31 Jul 2018	60	//
PrivatBank, 2018-2	63.0	65.0	39.7%	37.5%	-15.8%	n/a	10.25%	S/A	23 Jan 2018	200	//
PrivatBank, 2021	60.0	62.0	25.7%	24.7%	-9.0%	3.2	11.00%	S/A	09 Feb 2021	220	//
PrivatBank, 2018	64.0	67.0	38.1%	35.1%	-3.6%	1.5	10.88%	S/A	28 Feb 2018	175	//
UkrEximBank, 2022	83.8	85.0	13.6%	13.3%	-5.9%	n/a	9.625%	S/A	27 Apr 2022	750	WR//C
UkrEximBank, 2023	69.6	72.6	15.1%	14.2%	-4.0%	n/a	7.51%	S/A	9 Feb 2023	125	Ca//C
UkrEximBank, 2025	81.6	82.8	13.3%	13.1%	-5.9%	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	83.4	84.5	13.1%	12.8%	-5.8%	2.8	8.25%	S/A	10 Mar 2023	700	Ca//CC
Oschadbank, 2025	81.9	83.1	13.1%	12.8%	-5.9%	3.6	8.88%	S/A	20 Mar 2025	500	Ca//CC
Municipal Eurobonds											
City of Kyiv, 2015	82.7	83.6	n/a	n/a	-0.4%	n/a	8.00%	S/A	6 Nov 2015	101	//

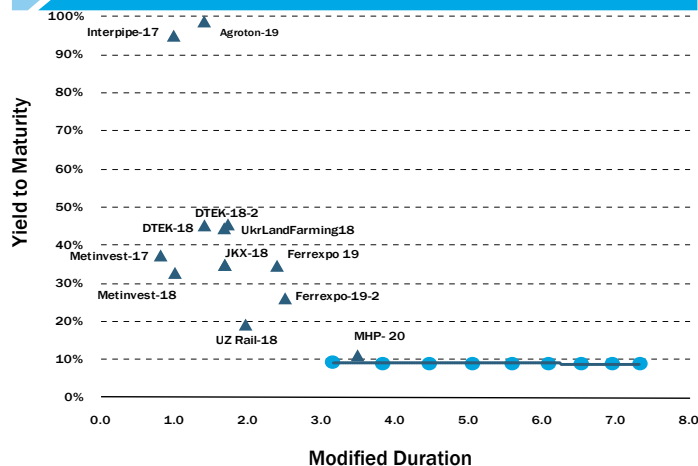
¹ Moody's/S&P/Fitch

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
UAH denominated Bonds									
UA4000142665			20%	19%	n/a	14.30%	S/A	24 May 2017	n/a
VAT Bonds									
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

Eavex Capital

7 Klovsky uzviz, 16th Floor
Carnegie Center
Kyiv, 01021, Ukraine

Telephone: +38 044 590 5454
Facsimile: +38 044 590 5464
E-mail: office@eavex.com.ua
Web-page: www.eavex.com.ua

Yuriy Yakovenko
Chairman of the Board
yuriy.yakovenko@eavex.com.ua

SALES & TRADING

Pavel Korovitskiy
Managing Director
Equity and Fixed Income
p.korovitsky@eavex.com.ua

Alexander Klymchuk
Equity and Fixed Income
a.klymchuk@eavex.com.ua

Eugene Klymchuk
Fixed Income Sales and Trading
e.klymchuk@eavex.com.ua

Serhiy Scherbaniuk
Equity Trading
s.shcherbaniuk@eavex.com.ua

RESEARCH

Dmitry Churin
Head of Research
d.churin@eavex.com.ua

Ivan Dzvinka
Research Associate
i.dzvinka@eavex.com.ua

Will Ritter
Research editor
w.ritter@eavex.com.ua