

Stock Market Update

Equity

Kyiv-listed Ukrainian stocks enjoyed a convincing advance last week ahead of the publication of companies' 2Q17 financial results. The earnings season is expected to be good for most domestic blue chips. In particular, the Ukrainian banking association said that Raiffeisen Bank Aval (BAVL) posted EPS of 3.66 kopecks in 5M17, which suggests that the 2Q17 EPS could reach 2 kopecks after the 1Q EPS of 2.36 kopecks. The BAVL stock jumped 12% to 25.30 kopecks after the news. There are also expectations that Motor Sich (MSICH) will report a strong profit of UAH 700mn for 2Q, and the MSICH stock rose 3.1% to UAH 2450 per share after a contraction over preceding week.

In IMF program related news, Fund spokesman William Murray said that pension reform, privatization and the fight against corruption remain key requirements for the disbursement of the fifth tranche of USD 1.9bn to Ukraine.

On the macroeconomic front, UkrStart released a surprisingly high figure for retail sales growth in 1H17 (+7.3% YoY). The latest data includes a 9.0% YoY retail sales increase for June alone.

The UX index climbed to a two-year high, gaining 3.9% to 1081 points. Although trading volume was still rather low, buying momentum could turn into more sustainable upward trend in the medium term. Electricity stocks CentrEnerg (CEEN) and DonbasEnerg (DOEN) picked up 2.5% and 3.7% respectively, with the former closing at UAH 10.75.

In London trading, the stock of poultry producer MHP (MHP) did not react to the company's operating update, which confirmed an increase in export sales. The stock remained at its level of the past several months just above USD 10. Warsaw-listed Ukrainian names were moderately lower, with Kernel (KER) and Ovostar (OVO) declining by 1.6% and 3.0% respectively.

On the interbank currency market, the hryvnia gained 0.5% to close at 25.88 UAH/USD amid broad weakness of the dollar against other major currencies.

Highlights

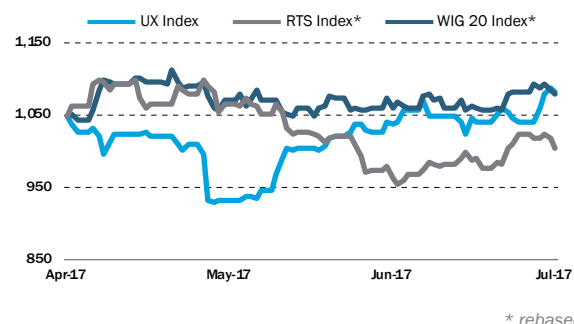
POLITICS AND ECONOMICS

- > NATO Holds Black Sea Drills as Poroshenko Touts NATO MAP

STOCKS IN THE NEWS

- > Kernel Increases Output in All Key Segments in Mar-Jun Quarter
- > MHP Poultry Sales Up 11% YoY to 157,000 tonnes in 2Q17

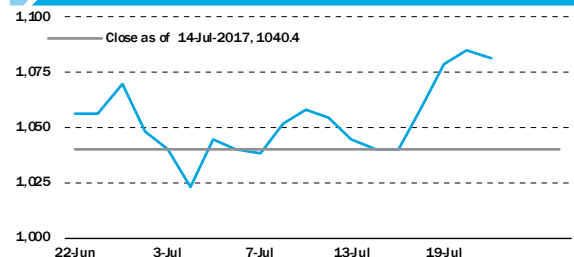
STOCK MARKET PERFORMANCE



MARKET INDEXES

	Last	1W ch	1M ch	YTD
UX	1081.4	3.9%	4.3%	35.9%
RTS	1024.9	-1.9%	4.5%	-11.1%
WIG20	2343.1	-0.3%	1.7%	20.3%
MSCI EM	1060.2	1.3%	5.1%	23.0%
S&P 500	2472.5	0.5%	1.5%	10.4%

UX 1M PERFORMANCE



FIXED INCOME

	Last	1W ch	1M ch	YTD
EMBI+Global	326	-0.2%	-1.8%	-10.9%
NBU Key Rate	12.5%	0.0 p.p.	0.0 p.p.	-1.5 p.p.
Ukraine-19	5.6%	-2.1 p.p.	-2.2 p.p.	-1.7 p.p.
Ukraine-27	7.9%	-0.1 p.p.	-0.2 p.p.	-0.8 p.p.
MHP-20	5.5%	-0.1 p.p.	-0.3 p.p.	-4.0 p.p.
UZ Rail-21	8.2%	-0.2 p.p.	-0.9 p.p.	-3.5 p.p.

CURRENCY

	Last, UAH	1W ch	1M ch	YTD
USD	25.88	-0.5%	-0.5%	-5.2%
EUR	30.18	1.2%	4.2%	6.7%
RUB	0.44	-0.9%	0.0%	-0.9%

COMMODITIES

	Last	1W ch	1M ch	YTD
Wheat, USD/t*	178.5	0.0%	6.6%	3.2%
Steel, USD/t	467.5	1.1%	6.3%	-5.6%
Oil, USD/bbl	48.1	-1.7%	3.9%	-15.4%
Gold, USD/oz	1255.1	2.1%	1.0%	8.9%

*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

NATO Holds Black Sea Drills as Poroshenko Touts NATO MAP

by Will Ritter
w.ritter@eavex.com.ua

NEWS

US and NATO warships participated in the “Sea Breeze” military exercises in cooperation with Ukraine’s navy last week in the Mykolayiv-Odesa area of the southern coast, domestic and international media reported. The exercises are an annual event in the Black Sea and are officially aimed at improving the inter-operability of Ukrainian and NATO military forces. President Poroshenko took the opportunity of the exercises to state that Ukraine is seeking a “Membership Action Plan” from NATO by 2020 and that toward this end, he is committed to modernizing Ukraine’s military forces to meet NATO standards as quickly as possible.

COMMENTARY

We are puzzled by Poroshenko’s continued insistence on playing up Kyiv’s chances to join NATO when the possibility of this occurring in the near or medium terms is simply non-existent due to opposition from key alliance member-countries. The geopolitical situation has clearly changed since the 2008 NATO summit in Bucharest at which Ukraine was promised a membership action plan, as at that time, the idea of NATO having step in to defend Ukrainian territory against Russian aggression was only a theoretical idea. On the other hand, regular and substantial cooperation between the Ukrainian military and NATO in a framework outside of formal membership nonetheless represents an important goal in Ukrainian security. The uncomfortable truth is that prior to 2014, Ukraine lacked any kind of combat-ready military forces at all, and the situation today represents a vast improvement in the army’s capabilities and professionalism. Poroshenko deserves credit for this, but we are nonetheless rather disappointed by the President’s apparent grandstanding on the NATO membership issue, which fits his penchant for making grandiose promises on which he is unable to deliver.

Kernel Increases Output in All Key Segments in Mar-Jun Quarter

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

KERNEL (KER PW)

Price: PLN 65.00 Market Cap: USD 1,420mn

	P/B	EV/S	P/E	EV/EBITDA	Div. Yield
2015	1.4	0.9	6.3	5.0	1.4%
2016E	1.4	0.8	5.3	4.6	1.4%

NEWS

Kyiv-based Kernel Holding, Ukraine's largest agricultural group, reported an increase in output in all key business segments both in the Mar-Jun quarter as well as in its 2017 full financial year (running from June to July), according to an operational update published on Jul 20. The company's bulk oil sales rose by 35% YoY to near 282,000 tonnes in 4Q17, with the FY17 increase at 10% YoY to 1.09mn tonnes. In other key business segments, Kernel demonstrated grain sales growth of 29% YoY to 957,000 tonnes in 4Q17 and of 15% YoY to 5.1mn tonnes for the full year. However, on a quarter-on-quarter basis, Kernel had a seasonal drop in grain sales by 31% and a decline in bulk sunflower oil sales by 4.1%.

KERNEL OPERATIONAL UPDATE

Volume	4Q17	4Q16	Change	FY17	FY16	Change
Grain sales, tonnes	957,487	744,278	+28.6%	5,060,491	4,409,465	+14.8%
Sunflower oil sales in bulk, tonnes	281,587	208,766	+10.1%	1,083,729	983,904	+10.1%
Bottled oil sales, '000 liters	39,235	16,400	+139%	131,412	93,382	+40.3%
Oilseed crush, tonnes	909,571	647,333	+40.5%	2,958,695	2,684,756	+10.2%
Export terminals throughput, tonnes	1,431,625	1,008,338	+42.0%	6,101,263	5,343,255	+14.2%

Source: Companies' data

COMMENTARY

Kernel reported solid operational results for both 4Q17 and the full financial year, which should translate into higher profits for both periods. We forecast that the company will report a net profit of USD 78mn for 4Q17, bringing its full-year net profit to USD 270mn (+20% YoY). Based on this figure, we estimate that Kernel is currently valued at P/E of 5.3x. The company said it had a record high sunflower seed processing figure of 3.0mn tonnes due to increased crushing volumes and ongoing expansion of the business. However, the company admitted that sunflower supplies in Ukraine remain rather tight, preventing the group from using its seed-crushing facilities at full capacity. This year the sunflower seed harvest in Ukraine is expected at around 14.5mn tonnes, meaning that Kernel could increase its sunflower oil output by at least 5% YoY in case it is able to retain its 22% share in nationwide seed procurement.

Kernel's full-year 2017 financials are due for release in late October.

The latest operating results had a NEUTRAL impact on Kernel's share price on the Warsaw Stock Exchange. The stock edged down by 1.6% for the week to close at PLN 65.00 on Friday (Jul 21).

MHP Poultry Sales Up 11% YoY to 157,000 tonnes in 2Q17

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

MHP (MHPC LI)

Price: USD 10.05 Market Cap: USD 1,062mn

	P/B	EV/S	P/E	EV/EBITDA	Div. Yield
2016	1.5	2.0	17.9	5.4	7.5%
2017E	1.3	1.6	6.2	4.5	7.5%

NEWS

London-listed vertically-integrated poultry producer MHP increased its poultry sales volume by 11% YoY to 157,200 tonnes in 2Q17, according to the company's operational update published on Jul 17. The achieved price for poultry rose 20% YoY in hryvnia terms in the period. The company said that its production facilities continued to operate at full capacity in 2Q17. For 1H17, MHP reported that its poultry production volume was essentially changed YoY 287,700 tonnes. The company's sunflower oil segment demonstrated a 2% YoY increase in sales to 167,000 tonnes in 1H17, with all of the sales being exports. In the grain segment, MHP is operating a land bank of 360,000 hectares in Ukraine this year compared to 335,000 hectares in 2016. The company reported that its harvest of winter crops has begun, with yields which are in line with expectations.

MHP OPERATIONAL UPDATE

Poultry	2Q17	2Q16	Change	1H17	1H16	Change
Sales volume, tonnes	157,245	148,870	+11%	283,972	248,426	+14%
Price per 1 kg net VAT	32.92	29.20	+20%	32.35	27.42	+18%

Source: Companies' data

COMMENTARY

MHP's operational update for the second quarter looks quite upbeat, as double-digit growth in both poultry sales and UAH pricing gives grounds to assume solid financial results for the quarter. We forecast that MHP will post a net profit before foreign exchange gain/loss of USD 110mn for 2Q17, which would be 15% higher than a year ago. MHP's 2Q financial results are due for publication on Aug 17.

Export sales remained the main contributor to poultry sales growth, with the company boosting poultry exports by 31% YoY to 71,300 tonnes in 2Q17. For the first half, poultry exports jumped 44% YoY to 123,000 tonnes. MHP is exporting mainly to the Middle East, the EU, and North Africa. On the pricing side, the average chicken meat price was reported at UAH 32.3 per kg excl. VAT (+18% YoY) in 1H17.

MHP's stock has been trading sporadically near a strong resistance level of USD 10.50 per share since April, with the current listing at USD 10.10.

EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
Agriculture						
Kernel	KER PW	65.0	80.0	23%	HOLD	With some 95% of its revenue linked to major foreign currencies, hryvnia devaluation is positive for Kernel, and recent changes in Ukraine's tax regime should also benefit the group. With on-demand borrowing access, Kernel is well placed to further consolidate its position in the oilseed crushing industry.
MHP	MHPC LI	10.1	14.0	39%	BUY	MHP could start process of deleveraging which in turn would boost the company's MCap. Also the company has a declared strategy to expand its presence on the MENA and EU markets. MHP continued to increase its export sales, which accounted for 51% of total revenue in 9M16 compared to 45% a year ago.
Astarta	AST PW	65.0	70.0	8%	HOLD	The new VAT regime for agro producers will be largely neutral for Astarta, in our view, while recovery of sugar prices bode well for the company's earnings. Astarta is focused on business diversification and cost optimization via improving its energy and operational efficiency.
Agroton	AGT PW	6.08	12.0	97%	BUY	Agroton unveiled a strategy to increase its land bank from 122,000 ha to 200,000 ha by mid-2019 securing additional lease rights and by acquiring companies that control land plots in Luhansk and Kharkiv region.
IMC	IMC PW	10.0	13.0	31%	BUY	The recent changes in Ukraine's tax legislation are positive for IMC, which is focused growing exportable crops; some 95% of the company's revenue is tied to the dollar. Land bank is targeted to expand by 50% over 2015-20. A high standard of corporate governance makes the stock an attractive play in spite of its low liquidity.
AvangardCo	AVGR LI	0.6	0.3	-50%	SELL	Ukraine's new VAT regime for agro producers is negative for Avangard, as its subsidy reimbursements will be reduced. Large room for cost optimization provides a theoretical upside to earnings, but the company's highly volatile financial results have rendered forecasting unreliable.
Ovostar Union	OVO PW	114.0	110.0	-4%	BUY	The company has a strong focus on domestic branded egg sales and successfully expands its export sales to mitigate negative effect from devaluation. Ovostar is in the midst of a long-term expansion that will ultimately see egg output triple over 2012-18E.
Iron Ore						
Ferrexpo	FXPO LN	214.2	150.0	-30%	HOLD	An impressive reduction in the production and other operating cost led to higher profitability. A separate positive factor was an upward price trend for iron ore and steel on global markets.
Specialized Machinery						
Motor Sich	MSICH	2448	5250	114%	BUY	The reported profit for FY16 represents UAH 1052 per share, which means the stock is still valued at P/E of barely more than 2.0x. Our base case scenario forecast for Motor Sich's net profit for FY17 is UAH 2.0bn, implying EPS of UAH 960.
Oil & Gas						
UkrNafta	UNAF	126	270	114%	BUY	UNAF stock has been in a local upward trend since December after Parliament cut the production tax for oil for 2017.
Concern Galnaftogaz	GLNG	0.15	0.24	60%	BUY	Galnaftogaz is pursuing a plan to aggressively expand its filling station network.
Regal Petroleum	RPT LN	3.6	15.0	314%	BUY	Taking into account that Regal acquired PEP's assets for an estimated value of USD 6.8/boe of 2P reserves, we assume that Regal's potential enterprise value could be as much as USD 92mn.
JKX Oil & Gas	JKX LN	16.8	37.0	121%	HOLD	The company's balance sheet looks healthy after it successfully restructured its Eurobonds. An overall demand for natural gas in Ukraine remains strong.
Power Utilities						
DonbasEnerg	DOEN	13.0	9.0	-31%	SELL	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	10.75	15.00	40%	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	0.253	0.27	7%	BUY	Raiffeisen Aval's 1Q17 net profit was at a record high UAH 1.45bn (USD 54mn), implying earnings per share of 2.36 kopecks. We forecast that the bank will post a net profit of UAH 3.50bn in FY17 and will pay a 5.40 kopeck dividend next year.

Source: Eavex Research

PRICES AND QUOTES

Name	Ticker	Today, UAH*	52 high, UAH*	52 low, UAH*	Absolute performance				Performance relative to the UX index			
					1W	1M	3M	YtD	1W	1M	3M	YtD
UX Index	UX	1081.43	1089.50	670.15	3.9%	4.3%	5.4%	35.9%	0.0%	0.0%	0.0%	0.0%
Iron Ore Mining												
Ferrexpo	FXPO	216.00	221.00	39.00	0.9%	20.6%	47.4%	60.6%	-0.5%	-3.0%	16.3%	24.7%
Railcar Manufacturing												
Kryukiv Wagon	KVBZ	9.25	n/a	n/a	0.5%	-2.6%	-1.1%	5.1%	-3.4%	-6.9%	-6.4%	-30.8%
Specialized Machinery												
Motor Sich	MSICH	2448	2697	934	3.1%	0.4%	11.9%	31.8%	-0.8%	-3.9%	6.6%	-4.1%
Turboatom	TATM	11.05	n/a	n/a	1.4%	-9.1%	-7.9%	18.2%	-2.6%	-13.4%	-13.3%	-17.7%
Telecom												
Ukrtelecom	UTLM	0.130	n/a	n/a	0.0%	-5.7%	0.2%	-21.1%	-3.9%	-10.0%	-5.2%	-57.0%
Oil & Gas												
Regal Petroleum	RPT	3.63	5.50	2.73	-9.4%	-15.7%	-10.6%	-2.9%	0.4%	-13.3%	-20.0%	-38.8%
JKX Oil	JKX	16.75	33.50	16.50	-2.2%	-15.2%	-14.1%	-44.6%	0.4%	-6.1%	-19.5%	-80.5%
Ukrnafta	UNAF	126.1	n/a	n/a	-2.2%	4.0%	22.1%	22.2%	-6.1%	-0.4%	16.7%	-13.7%
Power Utilities												
Centrenergo	CEEN	10.75	11.58	7.54	2.5%	2.4%	1.0%	3.9%	-1.4%	-1.9%	-4.4%	-32.0%
Donbasenergo	DOEN	12.96	n/a	n/a	3.7%	-0.3%	9.1%	23.3%	-0.3%	-4.6%	3.7%	-12.6%
Zakhidenergo	ZAEN	123.00	135.00	55.00	1.7%	3.4%	68.5%	96.8%	-2.3%	-0.9%	63.1%	60.9%
Consumer												
Agroton	AGT	5.98	7.70	1.42	0.3%	-7.7%	-13.6%	47.7%	0.0%	-3.6%	-12.0%	11.8%
Astarta	AST	65.01	72.00	46.78	1.6%	-2.2%	-3.3%	20.3%	1.8%	-2.3%	-6.5%	-15.6%
Avangardo	AVGR	0.60	1.00	0.26	0.0%	-7.7%	-31.8%	71.4%	0.4%	-3.9%	-12.0%	35.5%
Industrial Milk Company	IMC	9.95	10.98	6.50	-1.4%	-9.0%	-1.3%	23.6%	-0.3%	-5.3%	-13.4%	-12.3%
Kernel	KER	64.94	80.00	57.50	-1.6%	-1.3%	-3.5%	1.7%	-1.9%	-5.6%	-5.6%	-34.2%
MHPC	MHPC	10.05	10.50	8.54	0.5%	1.5%	-1.5%	14.3%	0.4%	-3.4%	-2.8%	-21.6%
Milkiland	MLK	1.69	2.80	1.69	-4.0%	-5.6%	-23.2%	-15.5%	-0.2%	-7.9%	-9.9%	-51.4%
Ovostar Union	OVO	114.00	128.05	84.00	-3.0%	3.6%	20.6%	31.8%	0.4%	-6.9%	-0.7%	-4.1%
Banks												
Raiffeisen Bank Aval	BAVL	0.253	n/a	n/a	12.2%	12.8%	-1.7%	91.7%	8.3%	8.4%	-7.1%	55.9%

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		
		2015	2016	2017E	2015	2016	2017E	2015	2016	2017E	2015	2016	2017E	2015	2016	2017E
Iron Ore Mining																
Ferrexpo	FXPO	961	986	1,282	313	375	495	32.6%	38.0%	38.6%	31	189	255	3.3%	19.2%	19.9%
Railcar Manufacturing																
Kryukiv Wagon	KVBZ	41	67	55	-15	1	6	-37.1%	0.9%	11.0%	-19	-4	2	-46.3%	-5.9%	3.3%
Specialized Machinery																
Turboatom	TATM	128	98	99	87	33	35	67.9%	34.0%	35.2%	75	27	28	58.3%	28.0%	27.8%
Motor Sich	MSICH	697	414	426	237	166	151	33.9%	40.1%	35.3%	158	77	74	22.6%	18.6%	17.2%
Oil & Gas																
Ukrnafta	UNAF	1,319	885	1,162	-101	116	151	-7.7%	13.1%	13.0%	-250	-343	74	-18.9%	-38.7%	6.3%
Regal Petroleum	RPT	22	25	27	10	10	15	45.5%	40.4%	55.6%	-1	0	1	na	0.0%	3.7%
JKX Oil	JKX	89	80	95	17	29	34	19.1%	36.3%	35.8%	-82	-20	3	-92.1%	-25.0%	3.2%
Electric Utilities																
Centrenergy	CEEN	315	419	492	12	46	40	3.7%	11.1%	8.1%	3	15	26	1.0%	3.6%	5.2%
Donbasenergo	DOEN	190	157	147	8	7	5	4.3%	4.4%	3.3%	-9	-2	1	-4.6%	-1.1%	1.0%
Consumer																
MHP	MHPC	1,183	1,135	1,400	459	415	490	38.8%	36.6%	35.0%	-126	59	170	-10.6%	5.2%	12.1%
Kernel	KER	2,330	1,989	2,128	397	346	381	17.0%	17.4%	17.9%	101	225	270	4.3%	11.3%	12.7%
Astarta	AST	349	402	445	144	167	170	41.4%	41.6%	38.1%	18	90	113	5.1%	22.4%	25.3%
Avangardco	AVGR	230	191	180	-69	1	22	-30.2%	0.4%	12.2%	-158	-57	2	-68.9%	-29.6%	1.1%
Ovostar	OVO	76	84	90	35	40	43	46.0%	47.7%	48.2%	32	35	37	42.3%	41.8%	41.1%
Banks																
		Total Assets			Total Equity			Total Income			Net Profit			Return on Equity		
Raiffeisen Bank Aval	BAVL	1,958	2,113	2,080	261	381	347	216	204	228	-66	150	228	-25.3%	39.4%	65.7%

Source: Eavex Research

MAIN TRADING MULTIPLES

Name	Ticker	MCap USD mn	Free Float % USD mn	EV USD mn	P/E			EV/EBITDA			EV/Sales			
					2015	2016	2017E	2015	2016	2017E	2015	2016	2017E	
Iron Ore Mining														
Ferrexpo	FXPO	1,654	24.0%	397	2,404	>30	8.7	6.5	7.7	6.4	4.9	2.5	2.4	1.9
Railcar Manufacturing														
Krukiv Wagon	KVBZ	41	5.0%	2	36	neg	neg	22.3	neg	>30	5.9	0.9	0.5	0.6
Specialized Machinery														
Turboatom	TATM	57	5.8%	3	-29	0.8	2.1	2.1	-0.3	-0.9	-0.8	-0.2	-0.3	-0.3
Motor Sich	MSICH	197	24.0%	47	147	1.2	2.6	2.7	0.6	0.9	1.0	0.2	0.4	0.3
Oil & Gas														
Ukrnafta	UNAF	264	3.0%	8	258	neg	neg	3.6	neg	2.2	1.7	0.2	0.3	0.2
Regal Petroleum	RPT	15	21.6%	3	-4	neg	n/a	15.1	n/a	n/a	n/a	n/a	n/a	n/a
JKX Oil & Gas	JKX	37	50.4%	19	146	neg	neg	12.5	8.6	5.0	4.3	1.6	1.8	1.5
Electric Utilities														
CentrEnergO	CEEN	153	21.7%	33	75	>30	10.1	6.0	6.4	1.6	1.9	0.2	0.2	0.2
DonbasEnergO	DOEN	12	14.2%	2	26	neg	neg	8.1	3.2	3.7	5.5	0.1	0.2	0.2
Consumer														
MHP	MHPC	1,062	34.1%	362	2,222	neg	17.9	6.2	4.8	5.4	4.5	1.9	2.0	1.6
Kernel	KER	1,416	61.8%	875	1,742	14.0	6.3	5.2	4.4	5.0	4.6	0.7	0.9	0.8
Astarta	AST	445	37.0%	165	592	25.1	4.9	3.9	4.1	3.5	3.5	1.7	1.5	1.3
Avangardco	AVGR	38	22.5%	9	370	neg	neg	19.2	neg	>30	16.8	1.6	1.9	2.1
Ovostar	OVO	187	25.0%	47	192	5.9	5.3	5.1	5.5	4.8	4.4	2.5	2.3	2.1
Banks														
							P/E			P/Book			P/Assets	
Raiffeisen Bank Aval	BAVL	601	1.8%	11		neg	4.0	4.7	2.3	1.6	1.7	0.31	0.28	0.29

Source: Eavex Research

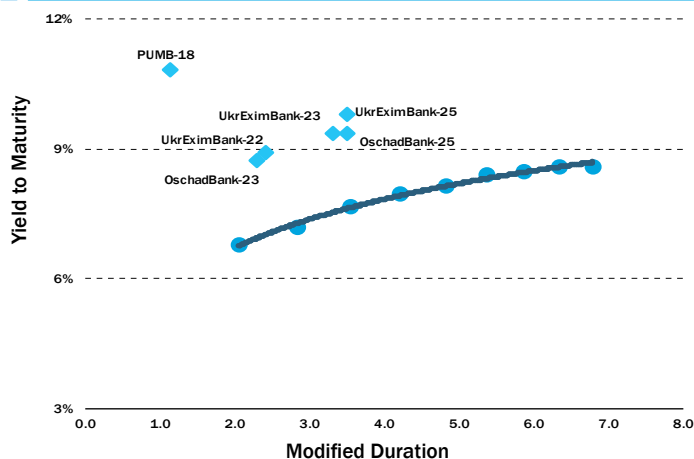
UKRAINIAN EUROBONDS

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	103.9	104.4	5.8%	5.5%	3.1%	1.9	7.75%	S/A	1 Sept 2019	1,744	Caa3/B-/B-
Ukraine, 2020	103.6	104.1	6.4%	6.3%	4.7%	2.7	7.75%	S/A	1 Sept 2020	1,780	Caa3/B-/B-
Ukraine, 2021	103.0	103.5	6.9%	6.8%	5.4%	3.4	7.75%	S/A	1 Sept 2021	1,409	Caa3/B-/B-
Ukraine, 2022	102.5	103.1	7.2%	7.0%	6.0%	4.1	7.75%	S/A	1 Sept 2022	1,384	Caa3/B-/B-
Ukraine, 2023	101.0	101.6	7.5%	7.4%	5.7%	4.7	7.75%	S/A	1 Sept 2023	1,355	Caa3/B-/B-
Ukraine, 2024	100.0	100.6	7.7%	7.6%	5.6%	5.2	7.75%	S/A	1 Sept 2024	1,339	Caa3/B-/B-
Ukraine, 2025	99.4	100.0	7.9%	7.7%	6.1%	5.8	7.75%	S/A	1 Sept 2025	1,329	Caa3/B-/B-
Ukraine, 2026	98.9	99.5	7.9%	7.8%	5.8%	6.2	7.75%	S/A	1 Sept 2026	1,318	Caa3/B-/B-
Ukraine, 2027	98.6	99.3	7.9%	7.9%	5.8%	6.7	7.75%	S/A	1 Sept 2027	1,307	Caa3/B-/B-
Ukraine, GDP-linked (VRI)	42.5	43.5	n/a	n/a	41.0%	n/a	0.00%	S/A	31 May 2040	3,214	/B-/
Corporate Eurobonds											
Agroton, 2019	14.0	18.4	155%	128%	-19.1%	1.1	6.00%	S/A	14 Jul 2019	18	//
Kernel, 2022	108.4	109.3	6.6%	6.4%	8.8%	3.6	8.75%	S/A	31 Jan 2022	500	/B/B+
MHP, 2020	106.2	107.1	5.7%	5.4%	10.5%	2.3	8.25%	S/A	2 Apr 2020	750	/B-/B-
MHP, 2024	102.9	103.4	7.2%	7.1%	3.1%	5.2	7.75%	S/A	10 May 2024	500	//
Avangardco, 2018	22.0	27.0	200%	167%	-17.2%	0.6	10.00%	S/A	29 Oct 2018	206	//
UkrLandFarming, 2018	28.5	28.5	331%	331%	-7.1%	0.2	10.88%	S/A	26 Mar 2018	500	/CC/
Mriya, 2016	6.5	8.5	n/a	n/a	n/a	n/a	10.95%	S/A	30 Mar 2016	72	IN DEFAULT
Mriya, 2018	6.5	8.5	n/a	n/a	n/a	n/a	9.45%	S/A	19 Apr 2018	400	IN DEFAULT
DTEK, 2024	89.5	90.5	12.9%	12.7%	0.6%	5.3	10.75%	S/A	31 Dec 2024	1,275	//
Metinvest, 2021	91.0	94.0	13.1%	12.2%	-0.5%		9.37%	S/A	31 Dec 2021	1,197	//B
Ferrexpo, 2019	105.7	106.6	6.7%	6.2%	5.4%	1.1	10.375%	S/A	07 Apr 2019	186	Caa3/CCC/CC
Ferrexpo, 2019	105.6	106.6	6.8%	6.2%	4.9%	1.1	10.375%	S/A	07 Apr 2019	161	Caa3/CCC/CC
UZ Rail, 2021	103.1	104.1	8.9%	8.7%	8.6%	2.1	9.88%	S/A	15 Sept 2021	500	/CCC+/CCC
Interepipe, 2017	25.0	28.0	n/a	n/a	-3.6%	0.0	10.25%	S/A	2 Aug 2017	200	IN DEFAULT
JKX Oil&Gas, 2018	85.0	95.0	22.7%	17.1%	19.8%	1.9	8.00%	S/A	19 Feb 2018	16	//
Bank Eurobonds											
Fin&Credit Bank, 2019	0.6	1.5	n/a	n/a	0.0%	n/a	9.25%	S/A	25 Jan 2019	100	IN DEFAULT
PUMB, 2018	102.5	104.2	9.1%	7.9%	1.8%	1.1	11.00%	Q	31 Dec 2018	275	//
Nadra Bank, 2018	0.3	1.6	n/a	n/a	2.0%	n/a	6.25%	A	31 Jul 2018	60	IN DEFAULT
PrivatBank, 2018-2	19.0	22.0	n/a	n/a	20.6%	1.5	10.25%	S/A	23 Jan 2018	200	IN DEFAULT
PrivatBank, 2021	4.0	12.0	n/a	n/a	-38.5%	1.2	11.00%	S/A	09 Feb 2021	220	IN DEFAULT
PrivatBank, 2018	20.5	23.3	n/a	n/a	64.5%	0.2	10.88%	S/A	28 Feb 2018	175	IN DEFAULT
UkrEximBank, 2022	104.7	105.4	8.4%	8.2%	7.2%	2.2	9.625%	S/A	27 Apr 2022	750	Caa3//B-
UkrEximBank, 2023	95.0	97.2	9.6%	9.1%	16.5%	3.5	7.51%	S/A	9 Feb 2023	125	Caa3//CCC
UkrEximBank, 2025	104.6	105.4	8.8%	8.6%	10.5%	3.5	9.75%	S/A	22 Jan 2025	600	Caa3//B-
VAB Bank, 2019	n/a	n/a	n/a	n/a	n/a	n/a	9.00%	Q	14 Jun 2019	88	IN DEFAULT
Oschadbank, 2023	104.8	105.6	8.3%	8.1%	7.9%	2.1	8.25%	S/A	10 Mar 2023	700	Caa3//B-
Oschadbank, 2025	104.7	105.5	8.8%	8.6%	11.1%	3.2	8.88%	S/A	20 Mar 2025	500	Caa3//B-
Municipal Eurobonds											
City of Kyiv, 2015	62.4	73.0	n/a	n/a	-11.8%	n/a	8.00%	S/A	6 Nov 2015	101	IN DEFAULT

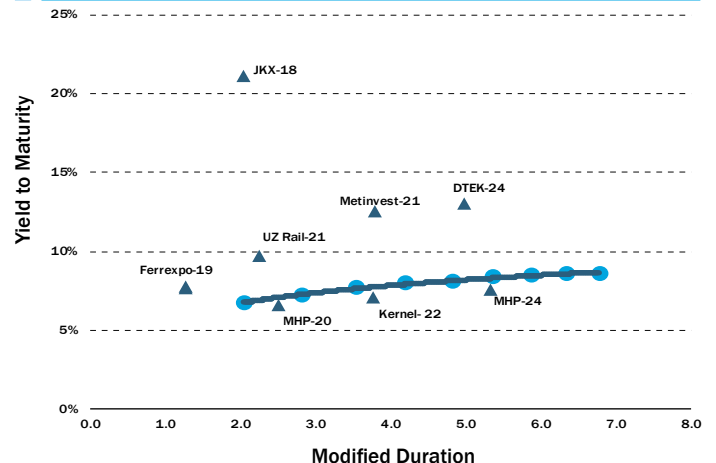
¹ Moody's/S&P/Fitch

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 UAH mn
UAH denominated Bonds									
UA4000194591			14.90%	14.40%	n/a	16.62%	S/A	11 Jul .2018	1,454
VAT Bonds									
UA4000185151			15.00%	14.65%	1.9	9.50%	S/A	8 Jul 2019	3,577
UA4000185557			15.00%	14.65%	1.9	9.50%	S/A	22 Jul 2019	2,171
UA4000186159			15.00%	14.65%	1.9	9.50%	S/A	20 Aug 2019	955

Source: Bloomberg, Cbonds, Eavex Research

Eavex Capital

7 Klovisky 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

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