

Stock Market Update

Equity

Kyiv-listed stocks continued their growth last week after the World Bank improved its forecast for Ukraine's medium-term GDP growth to 3.5% (from 3%) in 2019 and to 4% (also from 3%) in 2019, endorsing the Ukrainian government's stabilization efforts. However, the cargo blockade of the Donbas separatist-occupied territories remains a clear risk to near-term economic growth for the country.

The UX index advanced by 1.7% to 1020 points over the week, having seen almost uninterrupted growth since late May. Electricity stocks were the best performers after President Poroshenko signed a new law liberalizing the electricity market. The law is aimed at fulfilling Ukraine's obligations to the European Energy Community and the Association Agreement between Ukraine and the European Union. CentrErgo (CEEN) and DonbasErgo (DOEN) rose by 3.6% and 2.0% respectively, with the former closing at UAH 10.80 per share. Motor Sich (MSICH) added 4.0% to UAH 2430 and Raiffeisen Bank Aval (BAVL) was flat at 21.80 kopecks.

In London trading, iron ore producer Ferrexpo (FXPO) reached a new 3-year maximum, gaining 12.8% to GBP 195 per share, as investors appear to have positively recalibrated the political risks facing majority owner Constantine Zhevago. Meanwhile, MHP (MHPC) remained inactive at USD 10.20. Warsaw-listed agro major Kernel (KER) edged up 1.0%, with the stock ignoring confirmation that the group has increased its land bank by a massive 190,000 hectares via a major acquisition. Low-liquidity name Ovostar (OVO) climbed above the PLN 100 line, adding 6.1% to close at PLN 105 per share.

On the interbank currency market, the hryvnia gained 0.5% to 26.15 UAH/USD after the National Bank reported that the country's foreign currency reserves increased by USD 440mn to USD 17.6bn.

Highlights

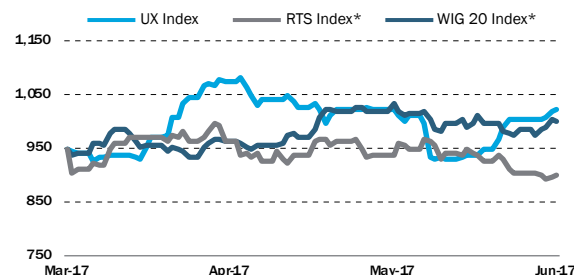
POLITICS AND ECONOMICS

- > 1,300 Ukrainians Enter EU Visa-Free on First Day of Regime
- > NBU Reserves Rose USD 440mn to USD 17.6bn in May

STOCKS IN THE NEWS

- > CentrErgo May Get USD 40mn from Japan for Tripiliska Plant

STOCK MARKET PERFORMANCE

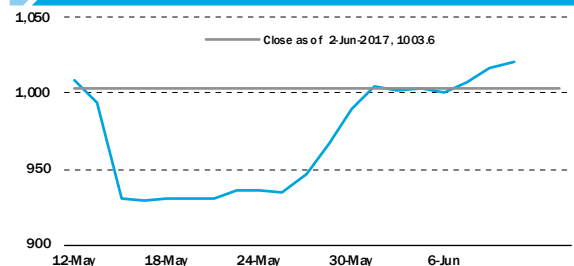


* rebased

MARKET INDEXES

	Last	1W ch	1M ch	YTD
UX	1020.9	1.7%	0.1%	28.3%
RTS	1041.5	-0.4%	-4.1%	-9.6%
WIG20	2330.7	1.2%	-3.4%	19.7%
MSCI EM	1018.2	0.3%	2.8%	18.1%
S&P 500	2431.8	-0.3%	1.5%	8.6%

UX 1M PERFORMANCE



FIXED INCOME

	Last	1W ch	1M ch	YTD
EMBI+Global	318	-1.4%	0.1%	-12.9%
NBU Key Rate	12.5%	0.0 p.p.	-0.5 p.p.	-1.5 p.p.
Ukraine-19	6.2%	-1.6 p.p.	-1.9 p.p.	-1.1 p.p.
Ukraine-27	8.1%	0.0 p.p.	-0.5 p.p.	-0.6 p.p.
MHP-20	5.9%	-0.1 p.p.	-0.6 p.p.	-3.6 p.p.
UZ Rail-21	9.2%	0.0 p.p.	-0.3 p.p.	-2.5 p.p.

CURRENCY

	Last, UAH	1W ch	1M ch	YTD
USD	26.13	-0.6%	-1.4%	-4.3%
EUR	29.27	-1.2%	1.6%	3.5%
RUB	0.46	-1.1%	1.0%	4.1%

COMMODITIES

	Last	1W ch	1M ch	YTD
Wheat, USD/t*	176.0	0.0%	0.0%	1.7%
Steel, USD/t	435.0	0.0%	-2.2%	-12.1%
Oil, USD/bbl	48.2	-3.6%	-2.0%	-15.3%
Gold, USD/oz	1266.6	-1.0%	3.7%	9.9%

*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

1,300 Ukrainians Enter EU Visa-Free on First Day of Regime

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

NEWS

Around 1,300 Ukrainians had entered the European Union without visas by 5pm on Sunday (Jun 11), the first day of Ukraine's long-awaited "visa-free regime" with the EU. Although the total registered Ukrainian traffic into the EU was about 8,200 people on Sunday, most had valid visas. The event was marked with two days of concerts on Independence Square in Kyiv, at which President Poroshenko hailed the freedom to travel to Europe without pre-obtained visas as "Ukraine's final exit from the Russian empire". Negotiations on the visa-free regime had begun in 2008 during the presidency of Victor Yushenko. Ukrainians need to have a modern, "biometric" passport containing a computer chip to take advantage of the liberalized travel regime.

COMMENTARY

It should be noted that despite the visa-free regime, Ukrainians' entry into the EU is still not completely unrestricted; passport holders remain subject to requirements of proof of accommodation, sufficient funds, and return transportation. These are the same hurdles that Ukrainians have always needed to clear when applying for visas at European embassies. It remains to be seen how strict the European border authorities will be in enforcing these statutes, but regardless, mass overstays of the 90-day limit and/or large-scale illegal employment could result in a roll-back of the visa-free privilege for Ukrainians. In terms of Poroshenko's declaration about "final exit from the Russian Empire", we suppose that Ukraine still has considerable work to do in proving that it can reduce its endemic culture of high-level corruption and consistently grow its economy at a steady annual pace before this statement is definitive. For now, Poroshenko will certainly accept the start of the EU visa-regime for the short-term political boost that it represents.

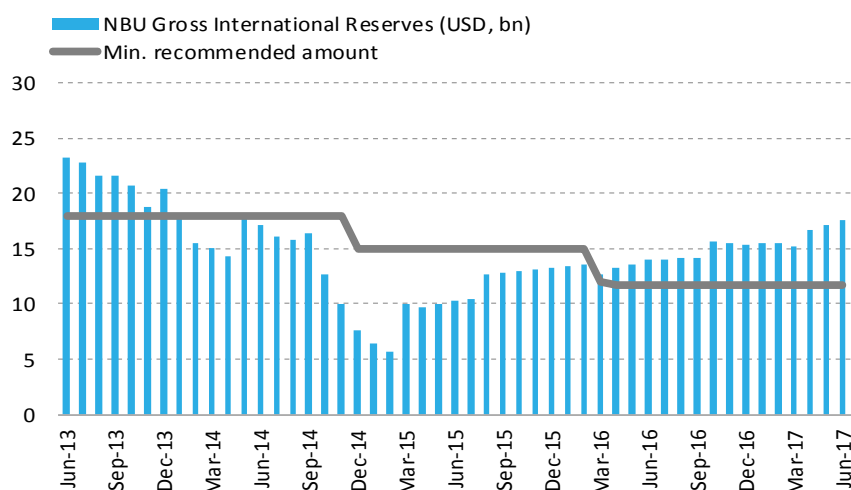
NBU Reserves Rose USD 440mn to USD 17.6bn in May

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

NEWS

Ukraine’s foreign currency reserves rose by USD 440mn (+2.6% MoM) to USD 17.6bn in May, the National Bank of Ukraine (NBU) reported on Jun 6. The NBU said it purchased USD 525mn on the interbank market over the month, while it spent some USD 230mn on servicing the country’s foreign currency denominated debt.

UKRAINE’S FX RESERVES, USD bn



Source: National Bank of Ukraine

COMMENTARY

May was the third consecutive month of rising NBU reserves, which have now increased by 14% since the start of the year (from USD 15.6bn to USD 17.6bn). We assume that the resumption of the IMF program and favorable external market conditions for Ukrainian exports are the main reasons for the reserves’ growth. The latest available statistics indicate that Ukraine’s exports rose by 28% YoY in 4M17 while imports grew by 22% YoY in the period. The country had a balance of payment surplus of USD 386mn in 4M17. This improved economic environment has helped the hryvnia to strengthen against the dollar, with the market exchange rate now standing at 26.15 UAH/USD, up from 27.70 UAH/USD in January. Nevertheless, we stick to our base case scenario that the hryvnia will see a certain decline in the autumn, when foreign currency is needed for natural gas imports. We forecast that the hryvnia will devalue from the current level by 5% by the year-end. Meanwhile, there could be additional short-term appreciation of the hryvnia in case the government manages to tap international markets with a new Eurobond issue. There have been public discussions about MinFin offering a buyback of the Eurobonds maturing in 2019 and 2020 with an option to exchange them for a longer-maturity issue. Ukrainian sovereign Eurobonds are now mostly trading above par value, with the Ukraine-22s issue yielding 7.5%. We believe that MinFin is seeking an opportunity to place a new 5-year bond at near 7.0%.

CentrEnergO May Get USD 40mn from Japan for Tripilaska Plant

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

CENTRENERGO (CEEN UK)

Price: UAH 10.80 Market Cap: USD 153mn

	P/B	EV/S	P/E	EV/EBITDA	Div. Yield
2016	0.5	0.2	10.1	1.6	3.0%
2017E	0.5	0.2	5.9	1.9	5.1%

NEWS

CentrEnergO, Ukraine's second-largest thermal generation company, may receive a USD 40mn loan from the Japanese government to modernize its Tripilaska power plant located just south of Kyiv, President Poroshenko said during his visit on the plant on Jun 8. No additional details were provided, but CentrEnergO's management has repeatedly stated that Tripilaska needs an overhaul to switch its units from anthracite coal burning to steam coal. There is a severe shortage of anthracite coal in Ukraine due to the occupation of the two coal-mining Donbass provinces by pro-Russian separatists.

COMMENTARY

CentrEnergO has already switched the power units to steam coal at its Zmyivska Plant in Kharkiv province. With new funding from Japan, we assume the switch at Tripilaska could be executed in 2018. The main importance of the loan from the Japanese government to CentrEnergO is that it would be much cheaper than any funding from domestic Ukrainian banks. CentrEnergO had no interest bearing debt as of 31 March 2017, so we are confident that the company will have no problems with servicing a USD 40mn loan at 3-4% interest.

The Kyiv-listed CEEN stock rose 3.6% to UAH 10.80 on the news. We have a BUY recommendation for CentrEnergO with a target price of UAH 15.00 per share, which implies a 40% upside.

EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
Agriculture						
Kernel	KER PW	69.7	80.0	15%	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	10.2	14.0	37%	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	66.2	70.0	6%	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	6.92	12.0	73%	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	10.7	13.0	22%	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	0.7	0.3	-58%	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	105.0	110.0	5%	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	195.1	150.0	-23%	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	2430	5250	116%	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	114	270	137%	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	4.5	15.0	233%	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	21.0	37.0	76%	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	12.8	9.0	-30%	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	10.83	15.00	39%	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	0.218	0.27	24%	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	1020.89	1087.67	647.58	1.7%	0.1%	8.5%	28.3%	0.0%	0.0%	0.0%	0.0%
Steel												
Alchevsk Steel	ALMK	0.008	n/a	n/a	-4.7%	-4.7%	-13.8%	-1.2%	-6.4%	-4.8%	-22.3%	-29.5%
Coke												
Yasynivsky Coking	YASK	0.170	0.295	0.100	-26.1%	13.3%	-10.5%	-37.0%	-27.8%	13.3%	-19.0%	-65.3%
Iron Ore Mining												
Ferrexpo	FXPO	195.10	195.10	29.50	12.8%	23.6%	32.8%	45.1%	5.0%	11.1%	23.6%	16.8%
Railcar Manufacturing												
Kryukiv Wagon	KVBZ	8.84	n/a	n/a	2.8%	-6.9%	-9.7%	0.5%	1.1%	-7.0%	-18.2%	-27.8%
Specialized Machinery												
Motor Sich	MSICH	2430	2430	934	4.0%	14.1%	8.5%	30.8%	2.3%	14.1%	0.0%	2.5%
Turboatom	TATM	12.11	n/a	n/a	-3.0%	-1.9%	1.1%	29.5%	-4.8%	-2.0%	-7.4%	1.2%
Telecom												
Ukrtelecom	UTLM	0.130	n/a	n/a	0.0%	0.0%	7.3%	-21.2%	-1.7%	-0.1%	-1.2%	-49.5%
Oil & Gas												
Regal Petroleum	RPT	4.50	5.50	2.73	-5.3%	31.6%	9.1%	20.5%	-0.5%	-7.0%	31.5%	-7.8%
JKX Oil	JKX	21.00	33.50	16.00	-1.2%	9.8%	-20.8%	-30.6%	-2.8%	-2.9%	9.7%	-58.9%
Ukrnafta	UNAF	114.0	n/a	n/a	-1.0%	9.3%	-14.6%	10.5%	-2.7%	9.2%	-23.1%	-17.8%
Power Utilities												
Centrenergy	CEEN	10.83	11.58	7.07	3.6%	3.1%	-2.8%	4.6%	1.9%	3.0%	-11.3%	-23.7%
Donbasenergy	DOEN	12.80	14.89	9.50	2.0%	8.9%	4.2%	21.8%	0.3%	8.9%	-4.2%	-6.5%
Zakhidenergy	ZAEN	120.00	135.00	50.00	0.0%	14.3%	76.5%	92.0%	-1.7%	14.2%	68.0%	63.7%
Consumer												
Agroton	AGT	6.92	7.70	1.08	3.3%	3.1%	34.1%	70.9%	-3.1%	1.6%	3.1%	42.6%
Astarta	AST	66.18	72.00	44.49	1.1%	-7.2%	-1.2%	22.4%	0.7%	-0.7%	-7.2%	-5.8%
Avangardo	AVGR	0.72	1.00	0.26	0.0%	-28.0%	5.9%	105.7%	79.5%	-1.7%	-28.1%	77.4%
Industrial Milk Company	IMC	10.66	10.85	6.50	-0.4%	-1.1%	14.7%	32.4%	-0.5%	-2.1%	-1.2%	4.1%
Kernel	KER	69.70	80.00	48.20	1.0%	1.0%	-5.2%	9.2%	-0.6%	-0.7%	1.0%	-19.1%
MHPC	MHPC	10.20	10.50	8.52	-0.5%	0.5%	10.3%	16.0%	-0.9%	-2.2%	0.4%	-12.2%
Milkiland	MLK	1.85	2.80	1.56	1.6%	-17.8%	-21.3%	-7.5%	-0.5%	-0.1%	-17.8%	-35.8%
Ovostar Union	OVO	105.00	105.00	84.00	6.1%	13.5%	13.0%	21.4%	3.1%	4.3%	13.4%	-6.9%
Banks												
Raiffeisen Bank Aval	BAVL	0.218	n/a	n/a	-0.1%	-15.1%	39.3%	65.4%	-1.9%	-15.2%	30.9%	37.2%

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																
Centrenergo	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	282	4.3%	11.3%	13.2%
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	2016E	2017E	2015	2016E	2017E	2015	2016E	2017E	
Iron Ore Mining														
Ferrexpo	FXPO	1,463	24.0%	351	2,213	>30	7.7	5.7	7.1	5.9	4.5	2.3	2.2	1.7
Railcar Manufacturing														
Krukiv Wagon	KVBZ	38	5.0%	2	33	neg	neg	20.9	neg	>30	5.5	0.8	0.5	0.6
Specialized Machinery														
Turboatom	TATM	56	5.8%	3	-30	0.7	2.0	2.0	-0.3	-0.9	-0.9	-0.2	-0.3	-0.3
Motor Sich	MSICH	192	24.0%	46	143	1.2	2.5	2.6	0.6	0.9	1.0	0.2	0.3	0.3
Oil & Gas														
Ukrnafta	UNAF	234	3.0%	7	229	neg	neg	3.2	neg	2.0	1.5	0.2	0.3	0.2
Regal Petroleum	RPT	18	21.6%	4	-1	neg	n/a	18.4	n/a	n/a	n/a	n/a	n/a	n/a
JKX Oil & Gas	JKX	46	50.4%	23	154	neg	neg	15.3	9.1	5.3	4.5	1.7	1.9	1.6
Electric Utilities														
CentrEnergO	CEEN	152	21.7%	33	73	>30	10.0	5.9	6.2	1.6	1.8	0.2	0.2	0.1
DonbasEnergO	DOEN	11	14.2%	2	25	neg	neg	7.8	3.1	3.6	5.2	0.1	0.2	0.2
Consumer														
MHP	MHPC	1,078	34.1%	368	2,238	neg	18.2	6.3	4.9	5.4	4.6	1.9	2.0	1.6
Kernel	KER	1,488	61.8%	919	1,814	14.8	6.6	5.3	4.6	5.2	4.8	0.8	0.9	0.9
Astarta	AST	443	37.0%	164	591	25.1	4.9	3.9	4.1	3.5	3.5	1.7	1.5	1.3
Avangardco	AVGR	46	22.5%	10	377	neg	neg	23.0	neg	>30	17.2	1.6	2.0	2.1
Ovostar	OVO	169	25.0%	42	174	5.3	4.8	4.6	5.0	4.3	4.0	2.3	2.1	1.9
Banks														
							P/E			P/Book			P/Assets	
Raiffeisen Bank Aval	BAVL	509	1.8%	9		neg	3.4	4.0	1.9	1.3	1.5	0.26	0.24	0.24

Source: Eavex Research

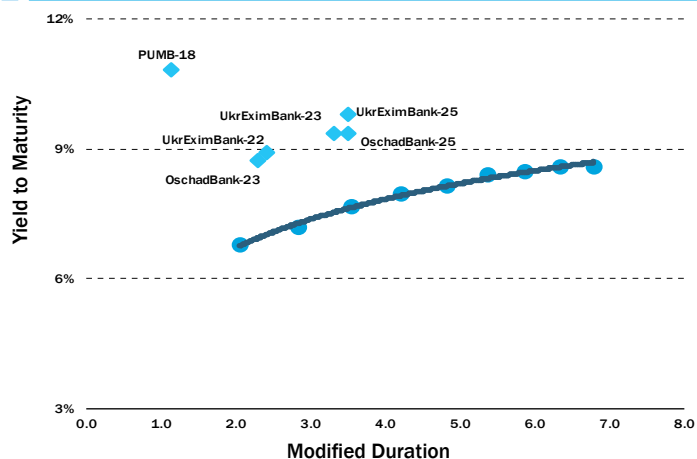
UKRAINIAN EUROBONDS

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	102.9	103.4	6.3%	6.1%	2.1%	2.0	7.75%	S/A	1 Sept 2019	1,744	Caa3/B-/B-
Ukraine, 2020	102.1	102.5	7.0%	6.9%	3.1%	2.8	7.75%	S/A	1 Sept 2020	1,780	Caa3/B-/B-
Ukraine, 2021	101.8	102.3	7.3%	7.1%	4.1%	3.5	7.75%	S/A	1 Sept 2021	1,409	Caa3/B-/B-
Ukraine, 2022	100.6	101.1	7.6%	7.5%	4.0%	4.1	7.75%	S/A	1 Sept 2022	1,384	Caa3/B-/B-
Ukraine, 2023	99.3	99.9	7.9%	7.8%	3.8%	4.8	7.75%	S/A	1 Sept 2023	1,355	Caa3/B-/B-
Ukraine, 2024	98.8	99.4	8.0%	7.9%	4.3%	5.3	7.75%	S/A	1 Sept 2024	1,339	Caa3/B-/B-
Ukraine, 2025	98.0	98.6	8.1%	8.0%	4.6%	5.8	7.75%	S/A	1 Sept 2025	1,329	Caa3/B-/B-
Ukraine, 2026	97.5	98.1	8.1%	8.0%	4.3%	6.3	7.75%	S/A	1 Sept 2026	1,318	Caa3/B-/B-
Ukraine, 2027	97.3	97.9	8.1%	8.1%	4.3%	6.8	7.75%	S/A	1 Sept 2027	1,307	Caa3/B-/B-
Ukraine, GDP-linked (VRI)	37.3	37.8	n/a	n/a	23.0%	n/a	0.00%	S/A	31 May 2040	3,214	/B-/
Corporate Eurobonds											
Agroton, 2019	14.1	25.9	162%	99%	0.0%	1.1	6.00%	S/A	14 Jul 2019	18	//
Kernel, 2022	107.0	107.8	6.9%	6.8%	7.4%	3.7	8.75%	S/A	31 Jan 2022	500	/B/B+
MHP, 2020	105.5	106.4	6.1%	5.7%	9.7%	2.5	8.25%	S/A	2 Apr 2020	750	/B-/B-
MHP, 2024	101.3	101.8	7.5%	7.4%	1.5%	5.3	7.75%	S/A	10 May 2024	500	//
Avangardco, 2018	23.0	26.0	169%	152%	-17.2%	0.7	10.00%	S/A	29 Oct 2018	206	//
UkrLandFarming, 2018	22.2	27.1	339%	275%	-19.7%	0.3	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	89.6	90.4	12.8%	12.6%	0.7%	5.4	10.75%	S/A	31 Dec 2024	1,275	//
Metinvest, 2021	91.0	94.0	12.8%	12.0%	-0.5%	3.7	9.37%	S/A	31 Dec 2021	1,197	//B
Ferrexpo, 2019	104.5	105.4	7.7%	7.2%	4.1%	1.2	10.375%	S/A	07 Apr 2019	186	Caa3/CCC/CC
Ferrexpo, 2019	104.5	105.5	7.7%	7.1%	3.8%	1.2	10.375%	S/A	07 Apr 2019	161	Caa3/CCC/CC
UZ Rail, 2021	101.0	102.0	9.6%	9.3%	6.4%	2.2	9.88%	S/A	15 Sept 2021	500	/CCC+/CCC
Interepipe, 2017	23.0	28.0	n/a	n/a	-7.3%	0.0	10.25%	S/A	2 Aug 2017	200	IN DEFAULT
JKX Oil&Gas, 2018							8.00%	S/A	19 Feb 2018	16	//
Bank Eurobonds											
Fin&Credit Bank, 2019	0.6	1.5	n/a	n/a	-0.2%	n/a	9.25%	S/A	25 Jan 2019	100	IN DEFAULT
PUMB, 2018	101.3	102.7	10.1%	9.1%	0.5%	1.1	11.00%	Q	31 Dec 2018	275	//
Nadra Bank, 2018	0.3	1.5	n/a	n/a	-0.6%	n/a	6.25%	A	31 Jul 2018	60	IN DEFAULT
PrivatBank, 2018-2	15.0	19.0	n/a	n/a	0.0%	1.5	10.25%	S/A	23 Jan 2018	200	IN DEFAULT
PrivatBank, 2021	4.0	12.0	n/a	n/a	-38.5%	1.3	11.00%	S/A	09 Feb 2021	220	IN DEFAULT
PrivatBank, 2018	20.4	23.5	n/a	n/a	64.9%	0.2	10.88%	S/A	28 Feb 2018	175	IN DEFAULT
UkrEximBank, 2022	102.7	103.5	8.9%	8.7%	5.2%	2.3	9.625%	S/A	27 Apr 2022	750	Caa3//B-
UkrEximBank, 2023	93.3	95.6	10.0%	9.4%	14.4%	3.5	7.51%	S/A	9 Feb 2023	125	Caa3//CCC
UkrEximBank, 2025	102.1	102.9	9.2%	9.1%	7.9%	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	102.5	103.2	8.8%	8.6%	5.4%	2.2	8.25%	S/A	10 Mar 2023	700	Caa3//B-
Oschadbank, 2025	102.1	102.9	9.2%	9.1%	8.4%	3.2	8.88%	S/A	20 Mar 2025	500	Caa3//B-
Municipal Eurobonds											
City of Kyiv, 2015	63.4	73.8	n/a	n/a	-10.7%	n/a	8.00%	S/A	6 Nov 2015	101	IN DEFAULT

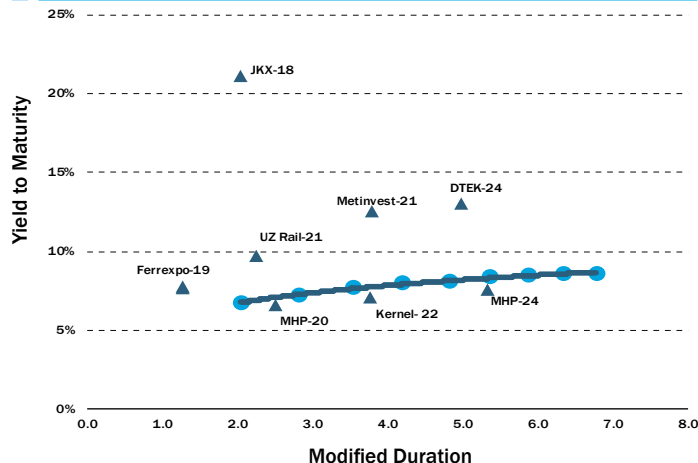
¹ Moody's/S&P/Fitch

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									
UA4000160758			15.00%	14.50%	n/a	14.30%	S/A	14 Mar 2018	1,000
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