Weekly Market Monitor

May 10, 2017

Stock Market Update

Equity

Locally-listed Ukrainian equities were in a sideways trend during the 3-day trading week shortened by the May 1-2 Labor Day double-holiday. A dry news flow and low liquidity on the market led to light activity but with a soft attempt to swing the market up and down. Among positive developments, Ukraine received a beneficial European Parliament decision to increase import quotas for agricultural products. This will allow the country to expand agro exports to Europe by about USD 200mn this year. Assistance to Ukraine's economy was also approved last week by the US Congress. The Senate and House of Representatives passed an appropriations bill under which Ukraine should get not less than USD 560mn in grants and aid this year. The bill still needs to be signed by the US president.

The UX index ended 0.2% lower at 1020 points. CentrEnergo (CEEN) the took most points from the gauge, dropping 1.5% to UAH 10.50 per share. Aircraft engine maker Motor Sich (MSICH) edged down 0.8% to UAH 2130, while Raiffeisen Bank Aval (BAVL) edged up 0.4% after an announcement that the bank earned UAH 1.44bn in net profit in 1Q17.

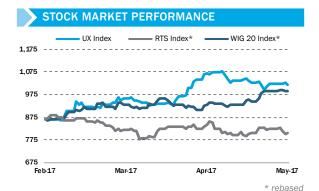
In London, Ferrexpo (FXPO) slid 4.9% to GBp 150 per share. The company does not report quarterly results, making it harder for investors to evaluate the impact of global iron ore price turbulence on Ferrexpo's bottom line. MHP (MHPC) was little-changed, slipping half a percent to USD 10.20. In Warsaw, Kernel (KER) lost 0.5% to close at PLN 68.70 as some traders bet that falling crude oil prices could negatively affect soft commodities. Lugansk-based crop grower Agroton (AGT) finished unchanged at PLN 7.30.

The hryvnia remained firm against the dollar last week, rising by 0.2% to close at 26.50 UAH/USD. The NBU said it was purchasing foreign currency on the interbank market to prevent stronger short-term hryvnia appreciation.

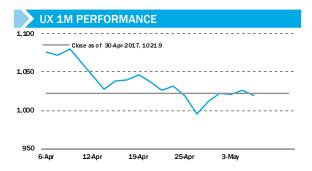
Highlights

POLITICS AND ECONOMICS

> Lavrov Due at White House Amid Trump's Ukraine Policy Vacuum



| MARKE | MARKET INDEXES | | | | | | | | | | | | |
|---------|----------------|-------|-------|-------|--|--|--|--|--|--|--|--|--|
| | Last | 1W ch | 1M ch | YTD | | | | | | | | | |
| UX | 1020.2 | -0.2% | -4.6% | 28.2% | | | | | | | | | |
| RTS | 1085.7 | -2.6% | -4.4% | -5.8% | | | | | | | | | |
| WIG20 | 2382.2 | 0.2% | 6.4% | 22.3% | | | | | | | | | |
| MSCI EM | 978.3 | 0.0% | 1.4% | 13.5% | | | | | | | | | |
| S&P 500 | 2399.3 | 0.6% | 1.7% | 7.2% | | | | | | | | | |



| OME | | | |
|-------|--------------------------------------|--|--|
| Last | 1W ch | 1M ch | YTD |
| 321 | -0.1% | -3.9% | -12.1% |
| 13.0% | 0.0 p.p. | -7.1 p.p. | -7.1 p.p. |
| 6.8% | -1.8 p.p. | -2.1 p.p. | -0.6 p.p. |
| 8.6% | -0.1 p.p. | -0.4 p.p. | -0.1 p.p. |
| 6.5% | -0.1 p.p. | -1.3 p.p. | -3.0 p.p. |
| 9.5% | -0.1 p.p. | -1.3 p.p. | -2.2 p.p. |
| | 321 13.0% 6.8% 8.6% 6.5% | Last 1W ch 321 -0.1% 13.0% 0.0 p.p. 6.8% -1.8 p.p. 8.6% -0.1 p.p. 6.5% -0.1 p.p. | Last 1W ch 1M ch 321 -0.1% -3.9% 13.0% 0.0 p.p. -7.1 p.p. 6.8% -1.8 p.p. -2.1 p.p. 8.6% -0.1 p.p. -0.4 p.p. 6.5% -0.1 p.p. -1.3 p.p. |

| CURRENCY | | | | | | | | | | | |
|----------|-----------|-------|-------|-------|--|--|--|--|--|--|--|
| | Last, UAH | 1W ch | 1M ch | YTD | | | | | | | |
| USD | 26.50 | -0.2% | -2.3% | -2.9% | | | | | | | |
| EUR | 29.15 | 0.8% | 0.6% | 3.0% | | | | | | | |
| RUB | 0.46 | -1.8% | -5.5% | 3.8% | | | | | | | |

| COMMODITIES | | | | | | | | | | | | |
|---------------|--------|-------|-------|--------|--|--|--|--|--|--|--|--|
| | Last | 1W ch | 1M ch | YTD | | | | | | | | |
| Wheat, USD/t* | 176.0 | -1.4% | -2.2% | 1.7% | | | | | | | | |
| Steel, USD/t | 445.0 | 0.0% | -7.8% | -10.1% | | | | | | | | |
| Oil, USD/bbl | 49.1 | -5.7% | -9.8% | -13.6% | | | | | | | | |
| Gold, USD/oz | 1221.6 | -3.7% | -2.8% | 6.0% | | | | | | | | |

^{*}Ukraine FOB

Source: Bloomberg, Ukrainian Exchange



Politics and Economics

May 10, 2017

Lavrov Due at White House Amid Trump's Ukraine Policy Vacuum

by Will Ritter

NEWS

Russian Foreign Minister Sergey Lavrov is due to meet with new US President Donald Trump in Washington at the White House today (May 10), Reuters reported, citing an un-named Trump administration official. The official listed the Syrian conflict as the headlining issue for discussion at the meeting. This meeting will represent the first face-to-face encounter between Trump and a top-level Russian official since the former entered the White House in January. Last week, Trump held his second phone call with Russian President Putin; neither side mentioned Ukraine in their respective public reports about the call.

COMMENTARY

The fact that Ukraine, which is the single most important point of contention between the United States and Russia, was not mentioned either following the Trump-Putin call nor ahead of today's Trump-Layroy meeting, should concern everyone in the West. This indicates a substantial risk that Trump is either completely disinterested in Ukraine, or worse, that he has made an unpublicized deal with Putin to follow a hands-off US policy in regard to Kyiv. We think it would be naïve to assume that Trump can be counted on to stick to an orthodox Republican party position on Russia and Ukraine: in fact, Trump's foreign policy views seem subject to change by the day or by the hour. Indeed, it will be important which of his advisors are present at today's meeting with Lavroy; Trump's chief strategist Stephen Bannon is viewed as being highly sympathetic to Moscow. Lavrov's meeting with Trump comes at an opportune time for the Kremlin, just a day after Trump dismissed the top US law enforcement official, FBI Director James Comey. Comey has been leading an investigation into possible links between Trump's presidential campaign and the Russian government, and the dismissal provoked immediate concerns from both major US political parties that Trump is abusing his power to try to block the investigation. This situation will allow Lavrov to present Moscow as a sympathetic ally of the US President in his battles against a growing list of domestic political enemies. Although recent political signs from the EU have been positive, with centrist Emmanuel Macron trouncing Moscow's favored candidate for the French presidency last week and pro-EU liberal Martin Schultz being chosen to face off against Angela Merkel in Germany's election this autumn, we believe that a coherent policy from Washington is still needed to underpin stability in Ukraine.



Recommendations

May 10, 2017

EAVEX RECOMMENDATIONS

| Name | Ticker | Price, per share | Target price, per share | Upside, % | Rating | Commentary |
|-----------------------|---------|---------------------|----------------------------|-----------|--------|--|
| Agriculture | | | | | | |
| Kernel | KER PW | 69.0 | 80.0 | 16% | 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. |
| МНР | MHPC LI | 10.2 | 14.0 | 38% | 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 | 71.3 | 70.0 | -2% | 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 | 6.71 | 12.0 | 79% | 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 | 10.8 | 13.0 | 21% | 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 | 1.0 | 0.3 | -70% | 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 | 92.5 | 110.0 | 19% | 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 | 157.8 | 150.0 | -5% | 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 | 2129 | 5250 | 147% | 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 | 104 | 270 | 159% | 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 | 3.4 | 15.0 | 339% | 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 | 18.5 | 37.0 | 100% | 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 | | | | | | |
| DonbasEnergo | DOEN | 11.8 | 9.0 | -23% | SELL | The Donetsk separatist government has nationalized DonbasEnergo's Starobeshevo power plant, which previously accounted for about 70% of the company's installed power-generating capacity. |
| CenterEnergo | CEEN | 10.50 | 15.00 | 43% | BUY | CentrEnergo'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 | 0.257 | U/R | | U/R | 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 has purchased a 30% stake in the institution. |

Source: Eavex Research







| PRICES AND QU | JOTES | | | | | | | | | | | |
|-------------------------|--------|----------------|------------------|-----------------|-------|----------------|-----------------|------------|--------|------------------|--------------------|-----------------|
| Name | Ticker | Today, UAH* | 52 high, UAH* | 52 low, UAH* | 1W | Absolute 1M | performar 3M | nce YtD | Perfor | mance rela 1M | ative to the 3M | UX index YtD |
| UX Index | UX | 1020.16 | 1087.67 | 608.11 | -0.2% | -4.6% | 18.0% | 28.2% | 0.0% | 0.0% | 0.0% | 0.0% |
| Steel | | | | | | | | | | | | |
| Alchevsk Steel | ALMK | 0.009 | n/a | n/a | 6.3% | 1.2% | -6.6% | 3.7% | 6.4% | 5.8% | -24.6% | -24.5% |
| Coke | | | | | | | | | | | | |
| Yasynivsky Coking | YASK | 0.150 | 0.270 | 0.100 | 0.0% | -28.6% | 0.0% | -44.4% | 0.2% | -23.9% | -18.0% | -72.6% |
| Iron Ore Mining | | | | | | | | | | | | |
| Ferrexpo | FXPO | 150.30 | 175.60 | 29.50 | -4.9% | -10.9% | -1.9% | 11.7% | 1.8% | -4.8% | -6.2% | -16.4% |
| Railcar Manufacturing | | | | | | | | | | | | |
| Kryukiv Wagon | KVBZ | 9.50 | n/a | n/a | -1.0% | 6.7% | -13.6% | 8.0% | -0.9% | 11.4% | -31.6% | -20.2% |
| Specialized Machinery | | | | | | | | | | | | |
| Motor Sich | MSICH | 2129 | 2263 | 934 | -1.6% | -4.7% | 6.7% | 14.6% | -1.4% | 0.0% | -11.3% | -13.6% |
| Turboatom | TATM | 12.35 | n/a | n/a | 0.0% | 2.9% | 23.4% | 32.1% | 0.2% | 7.5% | 5.4% | 3.9% |
| Telecom | | | | | | | | | | | | |
| Ukrtelecom | UTLM | 0.130 | n/a | n/a | 0.0% | 8.3% | -10.3% | -21.2% | 0.2% | 13.0% | -28.3% | -49.4% |
| Oil & Gas | | | | | | | | | | | | |
| Regal Petroleum | RPT | 3.56 | 5.50 | 1.75 | -5.8% | -16.2% | -21.3% | -4.7% | -0.9% | -5.6% | -11.6% | -32.9% |
| JKX Oil | JKX | 19.50 | 33.50 | 16.00 | 0.0% | -2.5% | -33.9% | -35.5% | 0.6% | 0.2% | 2.1% | -63.7% |
| Ukrnafta | UNAF | 104.3 | n/a | n/a | 3.3% | -19.5% | -9.3% | 1.1% | 3.4% | -14.9% | -27.3% | -27.1% |
| Power Utilities | | | | | | | | | | | | |
| Centrenergo | CEEN | 10.50 | 11.58 | 5.95 | -1.5% | -2.1% | -5.9% | 1.4% | -1.3% | 2.5% | -23.9% | -26.7% |
| Donbasenergo | DOEN | 11.75 | 16.47 | 9.50 | -1.7% | -3.2% | -8.9% | 11.8% | -1.5% | 1.4% | -26.9% | -16.4% |
| Zakhidenergo | ZAEN | 105.00 | n/a | n/a | 43.8% | 61.5% | 58.6% | 68.0% | 44.0% | 66.2% | 40.6% | 39.8% |
| Consumer | | | | | | | | | | | | |
| Agroton | AGT | 7.30 | 7.70 | 1.08 | 0.0% | 18.7% | 30.6% | 80.2% | 0.6% | 0.2% | 23.3% | 52.1% |
| Astarta | AST | 72.00 | 72.00 | 40.00 | 0.0% | 6.6% | 17.3% | 33.2% | 0.7% | 0.2% | 11.3% | 5.0% |
| Avangardo | AVGR | 1.00 | 1.00 | 0.26 | 0.0% | 38.9% | 170.3% | 185.7% | 0.6% | 0.2% | 43.5% | 157.5% |
| Industrial Milk Company | IMC | 10.40 | 10.47 | 6.50 | 0.2% | 4.0% | 16.5% | 29.2% | 0.0% | 0.4% | 8.6% | 1.0% |
| Kernel | KER | 68.67 | 80.00 | 48.20 | -0.5% | -6.1% | -10.6% | 7.5% | 3.7% | -0.3% | -1.4% | -20.6% |
| MHPC | MHPC | 10.15 | 10.50 | 8.52 | -1.5% | 2.6% | 12.8% | 15.5% | 1.1% | -1.3% | 7.3% | -12.7% |
| Milkiland | MLK | 2.25 | 2.80 | 1.56 | 3.7% | -3.8% | 1.8% | 12.5% | 0.6% | 3.9% | 0.8% | -15.7% |
| Ovostar Union | OVO | 92.50 | 98.50 | 84.00 | -2.1% | -2.5% | 2.2% | 6.9% | -1.4% | -1.9% | 2.1% | -21.3% |
| Banks | | | | | | | | | | | | |
| Raiffeisen Bank Aval | BAVL | 0.257 | n/a | n/a | 0.4% | 0.9% | 83.4% | 94.8% | 0.6% | 5.5% | 65.5% | 66.7% |

Source: Bloomberg

^{*} companies listed abroad are in traded currency







| Name | Ticker | N | et Sales | i | 1 | EBITDA | | EBITDA margin | | N | et Profit | | Net | Profit m | argin | |
|-----------------------|--------|-------|-----------|-------|------|--------------|-------|---------------|-------|------------|-----------|------------------|-------|----------|--------|-------|
| | | 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% | 19.99 |
| Railcar Manufacturing | | | | | | | | | | | | | | | | |
| Kryukiv Wagon | KVBZ | 41 | 67 | 55 | -15 | 1 | 6 | -37.1% | 0.9% | 11.0% | -19 | -4 | 2 | -46.3% | -5.9% | 3.39 |
| Specialized Machinery | | | | | | | | | | | | | | | | |
| Turboatom | TATM | 128 | 98 | 99 | 87 | 33 | 35 | 67.9% | 34.0% | 35.2% | 75 | 27 | 28 | 58.3% | 28.0% | 27.89 |
| Motor Sich | MSICH | 697 | 655 | 676 | 237 | 180 | 151 | 33.9% | 27.5% | 22.3% | 158 | 86 | 74 | 22.6% | 13.1% | 10.99 |
| 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% | 6.39 |
| Regal Petroleum | RPT | 22 | 25 | 27 | 10 | 10 | 15 | 45.5% | 40.4% | 55.6% | -1 | 0 | 1 | na | 0.0% | 3.79 |
| JKX Oil | JKX | 89 | 80 | 95 | 17 | 29 | 34 | 19.1% | 36.3% | 35.8% | -82 | -20 | 3 | -92.1% | -25.0% | 3.29 |
| 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 | | | | | | | | | | | | | | | | |
| МНР | MHPC | 1,183 | 1,135 | 1,400 | 459 | 415 | 490 | 38.8% | 36.6% | 35.0% | -126 | 59 | 170 | -10.6% | 5.2% | 12.19 |
| Kernel | KER | 2,330 | 1,989 | 2,128 | 397 | 346 | 381 | 17.0% | 17.4% | 17.9% | 101 | 225 | 282 | 4.3% | 11.3% | 13.29 |
| Astarta | AST | 349 | 402 | 445 | 144 | 167 | 170 | 41.4% | 41.6% | 38.1% | 18 | 90 | 113 | 5.1% | 22.4% | 25.39 |
| Avangardco | AVGR | 230 | 191 | 180 | -69 | 1 | 22 | -30.2% | 0.4% | 12.2% | -158 | -57 | 2 | -68.9% | -29.6% | 1.19 |
| Ovostar | OVO | 76 | 84 | 90 | 35 | 40 | 43 | 46.0% | 47.7% | 48.2% | 32 | 35 | 37 | 42.3% | 41.8% | 41.19 |
| Banks | | 1 | Total Ass | ets | • | 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 | G MULTIPLI | ES | | | | | | | | | | | | |
|-----------------------|------------|--------|--------|---------|--------|------|--------------|-------|------|----------|-------|------|----------|-------|
| Name | Ticker | MCap | | e Float | EV | 2015 | P/E 2016E | 2017E | 2015 | EV/EBITD | | 2015 | EV/Sales | |
| Iron Ore Mining | | USD mn | % | USD mn | USD mn | 2015 | 20105 | 2017E | 2015 | 2016E | 2017E | 2015 | 2016E | 2017E |
| Ferrexpo | FXPO | 1,147 | 24.0% | 276 | 1,897 | >30 | 6.1 | 4.5 | 6.1 | 5.1 | 3.8 | 2.0 | 1.9 | 1.5 |
| Railcar Manufacturing | | _, | 2 | 2.0 | 2,001 | | 0.2 | 0 | 0.1 | 0.1 | 0.0 | 2.0 | 2.0 | 2.0 |
| Krukiv Wagon | KVBZ | 41 | 5.0% | 2 | 36 | neg | neg | 22.3 | neg | >30 | 5.9 | 0.9 | 0.5 | 0.6 |
| Specialized Machinery | 52 | | 0.070 | _ | | | | 22.0 | | | 0.0 | 0.0 | 0.0 | 0.0 |
| 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 | 167 | 24.0% | 40 | 120 | 1.1 | 1.9 | 2.3 | 0.5 | 0.7 | 0.8 | 0.2 | 0.2 | 0.2 |
| Oil & Gas | WOIOIT | 101 | 24.070 | 40 | 120 | 1.1 | 1.5 | 2.0 | 0.5 | 0.1 | 0.0 | 0.2 | 0.2 | 0.2 |
| Ukrnafta | UNAF | 213 | 3.0% | 6 | 203 | neď | neg | 2.9 | neg | 1.7 | 1.3 | 0.2 | 0.2 | 0.2 |
| Regal Petroleum | RPT | 15 | 21.6% | 3 | -5 | neg | | 14.8 | 9 | | | | | |
| | | | | | | neg | n/a | | n/a | n/a | n/a | n/a | n/a | n/a |
| JKX Oil & Gas | JKX | 43 | 50.4% | 22 | 152 | neg | neg | 14.5 | 9.0 | 5.2 | 4.5 | 1.7 | 1.9 | 1.6 |
| Electric Utilities | | | | | | | | | | | | | | |
| CentrEnergo | CEEN | 146 | 21.7% | 32 | 68 | >30 | 9.6 | 5.7 | 5.7 | 1.5 | 1.7 | 0.2 | 0.2 | 0.1 |
| DonbasEnergo | DOEN | 10 | 14.2% | 1 | 24 | neg | neg | 7.1 | 3.0 | 3.5 | 5.0 | 0.1 | 0.2 | 0.2 |
| Consumer | | | | | | | | | | | | | | |
| MHP | MHPC | 1,073 | 34.1% | 366 | 2,233 | neg | 18.1 | 6.3 | 4.9 | 5.4 | 4.6 | 1.9 | 2.0 | 1.6 |
| Kernel | KER | 1,408 | 61.8% | 870 | 1,734 | 14.0 | 6.3 | 5.0 | 4.4 | 5.0 | 4.6 | 0.7 | 0.9 | 0.8 |
| Astarta | AST | 463 | 37.0% | 171 | 610 | 26.2 | 5.1 | 4.1 | 4.2 | 3.7 | 3.6 | 1.8 | 1.5 | 1.4 |
| Avangardco | AVGR | 64 | 22.5% | 14 | 395 | neg | neg | >30 | neg | >30 | 18.0 | 1.7 | 2.1 | 2.2 |
| Ovostar | ovo | 143 | 25.0% | 36 | 148 | 4.5 | 4.1 | 3.9 | 4.2 | 3.7 | 3.4 | 2.0 | 1.8 | 1.6 |
| Banks | | | | | | | P/E | | | P/Book | | | P/Assets | |
| Raiffeisen Bank Aval | BAVL | 595 | 1.8% | 11 | | neg | 4.0 | 4.6 | 2.3 | 1.6 | 1.7 | 0.30 | 0.28 | 0.29 |

Source: Eavex Research



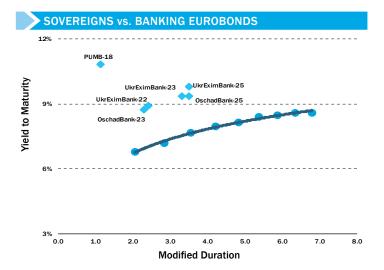
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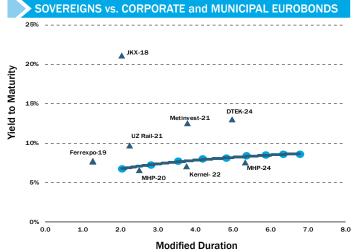


| UKRAINIAN EUR | OBONDS | | | | | | | | | | |
|---------------------------|----------------|----------------|--------------|--------------|---------------------|----------------------|---------|------------------|------------------|------------------|----------------------|
| Issue | Price (Bid) | Price (Ask) | YTM (Bid) | YTM (Ask) | Price chg. (YTD) | Modified Duration | Coupon | Coupon Period | Maturity Date | Volume USD mn | Ratings ¹ |
| Sovereign Eurobonds | | | | | | | | | | | |
| Ukraine, 2019 | 101.9 | 102.3 | 6.8% | 6.7% | 1.1% | 2.1 | 7.75% | S/A | 1 Sept 2019 | 1,744 | Caa3/B-/B- |
| Ukraine, 2020 | 101.4 | 101.8 | 7.3% | 7.1% | 2.4% | 2.8 | 7.75% | S/A | 1 Sept 2020 | 1,780 | Caa3/B-/B- |
| Ukraine, 2021 | 100.0 | 100.5 | 7.7% | 7.6% | 2.3% | 3.6 | 7.75% | S/A | 1 Sept 2021 | 1,409 | Caa3/B-/B- |
| Ukraine, 2022 | 98.8 | 99.4 | 8.0% | 7.9% | 2.1% | 4.2 | 7.75% | S/A | 1 Sept 2022 | 1,384 | Caa3/B-/B- |
| Ukraine, 2023 | 97.8 | 98.4 | 8.2% | 8.1% | 2.3% | 4.8 | 7.75% | S/A | 1 Sept 2023 | 1,355 | Caa3/B-/B- |
| Ukraine, 2024 | 96.3 | 96.9 | 8.4% | 8.3% | 1.6% | 5.4 | 7.75% | S/A | 1 Sept 2024 | 1,339 | Caa3/B-/B- |
| Ukraine, 2025 | 95.4 | 96.0 | 8.5% | 8.4% | 1.8% | 5.9 | 7.75% | S/A | 1 Sept 2025 | 1,329 | Caa3/B-/B- |
| Ukraine, 2026 | 94.4 | 95.0 | 8.6% | 8.5% | 1.0% | 6.3 | 7.75% | S/A | 1 Sept 2026 | 1,318 | Caa3/B-/B- |
| Ukraine, 2027 | 94.1 | 94.8 | 8.6% | 8.5% | 1.0% | 6.8 | 7.75% | S/A | 1 Sept 2027 | 1,307 | Caa3/B-/B- |
| Ukraine, GDP-linked (VRI) | 35.0 | 35.8 | n/a | n/a | 16.0% | n/a | 0.00% | S/A | 31 May 2040 | 3,214 | /B-/ |
| Corporate Eurobonds | | | | | | | | | | | |
| Agroton, 2019 | 14.0 | 25.9 | 151% | 93% | -0.3% | 1.2 | 6.00% | S/A | 14 Jul 2019 | 18 | // |
| Kernel, 2022 | 106.5 | 107.3 | 7.1% | 6.9% | 6.9% | 3.8 | 8.75% | S/A | 31 Jan 2022 | 500 | /B/B+ |
| MHP, 2020 | 104.1 | 105.0 | 6.7% | 6.3% | 8.2% | 2.5 | 8.25% | S/A | 2 Apr 2020 | 750 | /B-/B- |
| MHP, 2024 | 101.1 | 101.6 | 7.5% | 7.4% | 1.4% | 5.3 | 7.75% | S/A | 10 May 2024 | 500 | // |
| Avangardco, 2018 | 23.0 | 27.0 | 153% | 134% | -15.5% | 0.8 | 10.00% | S/A | 29 Oct 2018 | 206 | // |
| UkrLandFarming, 2018 | 25.0 | 27.7 | 284% | 255% | -14.1% | 0.4 | 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 | 89.4 | 90.0 | 13.1% | 12.9% | 0.4% | 5.4 | 10.75% | S/A | 31 Dec 2024 | 1,275 | // |
| Metinvest, 2021 | 91.0 | 94.0 | 12.9% | 12.1% | -0.5% | 3.8 | 9.37% | S/A | 31 Dec 2021 | 1,197 | //B |
| Ferrexpo, 2019 | 104.3 | 105.3 | 7.9% | 7.4% | 4.0% | 1.3 | 10.375% | S/A | 07 Apr 2019 | 186 | Caa3/CCC/CC |
| Ferrexpo, 2019 | 104.1 | 105.3 | 8.0% | 7.4% | 3.5% | 1.3 | 10.375% | S/A | 07 Apr 2019 | 161 | Caa3/CCC/CC |
| UZ Rail, 2021 | 100.3 | 101.2 | 9.8% | 9.5% | 5.6% | 2.3 | 9.88% | S/A | 15 Sept 2021 | 500 | /CCC+/CCC |
| Interepipe, 2017 | 23.0 | 28.0 | n/a | n/a | -7.3% | 0.1 | 10.25% | S/A | 2 Aug 2017 | 200 | IN DEFAULT |
| JKX Oil&Gas, 2018 | 84.6 | 86.6 | 21.6% | 20.5% | 0.3% | 2.1 | 8.00% | S/A | 19 Feb 2018 | 16 | // |
| Bank Eurobonds | | | | | | | | | | | |
| Fin&Credit Bank, 2019 | 0.6 | 1.9 | n/a | n/a | 22.7% | n/a | 9.25% | S/A | 25 Jan 2019 | 100 | IN DEFAULT |
| PUMB, 2018 | 99.4 | 101.2 | 11.4% | 10.2% | -1.2% | 1.1 | 11.00% | Q | 31 Dec 2018 | 275 | // |
| Nadra Bank, 2018 | 0.3 | 1.6 | n/a | n/a | -0.6% | n/a | 6.25% | Α | 31 Jul 2018 | 60 | IN DEFAULT |
| PrivatBank, 2018-2 | 17.0 | 20.5 | n/a | n/a | 10.3% | 1.5 | 10.25% | S/A | 23 Jan 2018 | 200 | IN DEFAULT |
| PrivatBank, 2021 | 9.0 | 14.0 | n/a | n/a | -11.5% | 1.4 | 11.00% | S/A | 09 Feb 2021 | 220 | IN DEFAULT |
| PrivatBank, 2018 | 22.5 | 24.8 | n/a | n/a | 77.5% | 0.3 | 10.88% | S/A | 28 Feb 2018 | 175 | IN DEFAULT |
| UkrEximBank, 2022 | 102.4 | 103.2 | 9.0% | 8.8% | 4.9% | 2.4 | 9.625% | S/A | 27 Apr 2022 | 750 | Caa3//B- |
| UkrEximBank, 2023 | 92.6 | 95.6 | 10.2% | 9.4% | 14.0% | 3.5 | 7.51% | S/A | 9 Feb 2023 | 125 | Caa3//CCC |
| UkrEximBank, 2025 | 101.1 | 101.9 | 9.4% | 9.3% | 6.9% | 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 | 102.4 | 103.3 | 8.8% | 8.6% | 5.4% | 2.3 | 8.25% | S/A | 10 Mar 2023 | 700 | Caa3//B- |
| Oschadbank, 2025 | 100.8 | 101.7 | 9.4% | 9.3% | 7.1% | 3.3 | 8.88% | S/A | 20 Mar 2025 | 500 | Caa3//B- |
| Municipal Eurobonds | | | | | | | | | | | |
| City of Kyiv, 2015 | 64.9 | 72.6 | n/a | n/a | -10.4% | n/a | 8.00% | S/A | 6 Nov 2015 | 101 | IN DEFAULT |

¹Moody's/S&P/Fitch

Source: Bloomberg, Chonds, Eavex Research







| UKRAINIAN | DOMESTIC BON | IDS | | | | | | | |
|-----------------|--------------|-------------|-----------|-----------|----------------------|--------|------------------|---------------|------------------|
| Issue | Price (Bid) | Price (Ask) | YTM (Bid) | YTM (Ask) | Modified Duration | Coupon | Coupon Period | Maturity Date | Volume UAH mn |
| UAH denominated | d Bonds | | | | | | | | |
| UA4000160758 | | | 15.25% | 14.50% | n/a | 14.30% | S/A | 14 Mar 2018 | 1,000 |
| | | | | | | | | | |
| | | | | | | | | | |
| VAT Bonds | | | | | | | | | |
| UA4000185151 | | | 15.30% | 14.90% | 1.9 | 9.50% | S/A | 8 Jul 2019 | 3,577 |
| UA4000185557 | | | 15.30% | 14.90% | 1.9 | 9.50% | S/A | 22 Jul 2019 | 2,171 |
| UA4000186159 | | | 15.30% | 14.90% | 1.9 | 9.50% | S/A | 20 Aug 2019 | 955 |

Source: Bloomberg, Chonds, 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 Dmitry Churin

Managing Director Head of Research

Equity and Fixed Income d.churin@eavex.com.ua

p.korovitsky@eavex.com.ua

a.klymchuk@eavex.com.ua

Alexander Klymchuk Will Ritter

Equity and Fixed Income Research editor

Eugene Klymchuk

Fixed Income Sales and Trading

e.klymchuk@eavex.com.ua

Serhiy Scherbaniuk

Equity Trading

s.shcherbaniuk@eavex.com.ua

w.ritter@eavex.com.ua

RESEARCH

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