

Market Monitor

February 4, 2014

Market Update

Equity

Kyiv-listed stocks started off the new month by ending lower on Monday (Feb 3) in an unremarkable session that saw three of the 10 local blue chips, including top financial names UkrSotsbank and Raiffeisen Aval, post negligible trading volumes. Externally, the major global indices continued to sell off, with US bourses suffering the worst; the S&P 500 and the DJIA both slid more than 2% after the release of worse-than-expected US manufacturing data. The UX index finished with a loss of 0.8% at 883 points. UkrNafta was the most notable mover, dropping by 2.9% to UAH 123 after having moved up nearly 20% in recent days on speculative buying. DonbasEnergo and Yenakievo Steel both shed 0.7%, while top liquid name Motor Sich was essentially unchanged on volume of UAH 3.1mn. In London, somewhat ironically given the negative global sentiments, Ferrexpo finally was able to halt its long slide, correcting upward by 1.7%.

Fixed Income

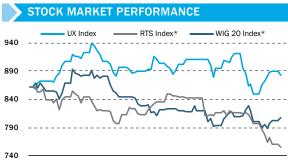
Ukraine's sovereign Eurobonds rebounded on Monday amid hopes for a Western financing package for the country, with benchmark Ukraine-23s improving by 1.7p.p. to close at 86.8/88.3 (9.7%/9.4%). Meanwhile, corporate names were mostly lower, with DTEK-18s declining by 1.4p.p. and finishing at 88.3/89.2 (11.5%/11.2%).

| Volume Leaders | Ticker | Last, UAH | 1D ch | Volume, UAH mn | Number of Trades |
|----------------|--------|-----------|-------|-------------------|---------------------|
| Motor Sich | MSICH | 1734.00 | -0.1% | 3.1 | 38 |
| Centrenergo | CEEN | 4.42 | -0.5% | 1.7 | 64 |
| Ukrnafta | UNAF | 122.900 | -2.9% | 1.1 | 44 |
| Growth Leaders | | | | | |
| Bank Forum | FORM | 0.70 | 15.0% | 0.35 | 7 |
| Pivnichny GOK | SGOK | 8.10 | 1.3% | 0.27 | 8 |
| Motor Sich | MSICH | 1734.00 | -0.1% | 3.09 | 38 |
| Loss Leaders | | | | | |
| Ukrnafta | UNAF | 122.90 | -2.9% | 1.102 | 44 |
| Azovstal | AZST | 0.59 | -0.8% | 0.005 | 9 |
| Donbasenergo | DOEN | 32.00 | -0.7% | 0.113 | 32 |

Highlights

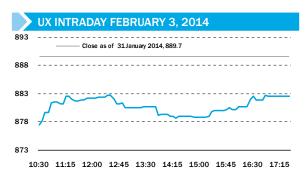
POLITICS AND ECONOMICS

- Yanukovich Floats Idea of Early Presidential, Parliamentary Elections
- > FY13 Sugar Output Was 1.2mn t (-46% YoY), Should Rebound to 1.8mn t in 2014/15 MY



2-Nov 12-Nov 22-Nov 2-Dec 12-Dec 22-Dec 1-Jan 11-Jan 21-Jan 31-Jan * rebase

| MARKE | T INDEXES | | | |
|---------|-----------|-------|--------|--------|
| | Last | 1D ch | 1M ch | YTD |
| UX | 882.6 | -0.8% | -3.0% | -3.0% |
| RTS | 1293.2 | -0.6% | -10.4% | -10.4% |
| WIG20 | 2369.6 | 0.6% | -1.5% | -1.3% |
| MSCI EM | 926.7 | -1.0% | -5.4% | -7.5% |
| S&P 500 | 1741.9 | -2.3% | -4.9% | -5.4% |



| ME | | | |
|-------|---------------------------------|---|--|
| Last | 1D ch | 1M ch | YTD |
| 396.5 | 1.7% | 20.7% | 19.9% |
| | | | |
| 10.5% | -0.4 p.p. | 1.4 p.p. | 1.5 p.p. |
| 18.2% | 0.0 p.p. | 8.7 p.p. | 9.5 p.p. |
| 9.6% | -0.3 p.p. | 0.5 p.p. | 2.1 p.p. |
| 23.3% | 2.3 p.p. | 0.2 p.p. | -1.4 p.p. |
| | 396.5 10.5% 18.2% 9.6% | Last 1D ch 396.5 1.7% 10.5% -0.4 p.p. 18.2% 0.0 p.p. 9.6% -0.3 p.p. | Last 1D ch 1M ch 396.5 1.7% 20.7% 10.5% -0.4 p.p. 1.4 p.p. 18.2% 0.0 p.p. 8.7 p.p. 9.6% -0.3 p.p. 0.5 p.p. |

| CURF | RENCY | | | |
|------|-----------|-------|-------|-------|
| | Last, UAH | 1D ch | 1M ch | YTD |
| USD | 8.66 | 0.4% | 5.1% | 5.0% |
| EUR | 11.73 | 0.9% | 4.9% | 3.2% |
| RUB | 0.24 | -0.4% | -1.6% | -2.7% |

| СОММОД | ITIES | | | |
|---------------|--------|-------|-------|-------|
| | Last | 1D ch | 1M ch | YTD |
| Wheat, USD/t* | 265.4 | 0.0% | -7.7% | -7.7% |
| Steel, USD/t | 537.5 | -0.9% | 0.0% | 0.0% |
| Oil, USD/bbl | 106.0 | -0.3% | -0.5% | -4.6% |
| Gold, USD/oz | 1257.7 | 1.1% | 1.7% | 5.1% |

*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange



Politics and Economics

February 4, 2014

Yanukovich Floats Idea of Early Presidential, Parliamentary Elections

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

NEWS

Party of Regions MP Yuriy Miroshnychenko said on Monday evening (Feb 3) that President Yanukovich sees early presidential and parliamentary elections as a way to resolve the current political standoff in Ukraine, Reuters reported this morning. "The president said that if politicians can't now come to an agreement, reach joint decisions and implement them, then the only democratic way of resolving the situation is early elections," Reuters quoted Miroshnychenko as saying. The MP, who is one of Yanukovich's most prominent moderate allies, also said that the President will not declare a state of emergency to clear the EuroMaidan protest from central Kyiv.

COMMENTARY

The proposal for early elections for both the presidency (the election is due in March 2015) and Parliament (due in late 2017), looks to us like an attempt by Yanukovich to re-take the initiative in the crisis, after having been on the defensive for the past two weeks since the outbreak of the Hrushevsky Street violence. A presidential election in the next few months could put the opposition in an uncomfortable position, as they would be forced to choose their presidential candidate from among several rivals, which could fracture the EuroMaidan movement. Further, the opposition has absolutely nothing to gain from an early parliamentary election unless the single mandate districts are abolished, as the electoral math in mostly pro-Russian Eastern Ukraine is no different now than it was in 2012 and in previous elections. Today's Reuters article stated that Yanukovich leads all potential presidential candidates in the polls, but this is misleading, as the opposition vote is split in opinion polls among several hopefuls, any of whom would be projected to defeat Yanukovich in a one-on-one matchup. We therefore believe that yesterday's remarks by Miroshnychenko are likely a bluff designed to derail Western proposals for an interim unity government and to sow infighting among the opposition.



Politics and Economics

February 4, 2014

FY13 Sugar Output Was 1.2mn t (-46% YoY), Should Rebound to 1.8mn t in 2014/15 MY

by Ivan Dzvinka i.dzvinka@eavex.com.ua

NEWS

Ukrainian sugar beet refineries have completed their 2013 processing campaign, and produced 1.2mn tonnes of sugar in the recent season, the UNIAN news agency reported, citing the UkrSugar industry association on Monday (Feb 3). This represents a decline of 45.5% YoY. The number of sugar plants in operation in the season was 38 vs. 63 in 2012 (and, for reference, 120 in 2006).

COMMENTARY

The drop in sugar output this season was expected against the backdrop of much less acreage in planted with sugar beet (306,000 hectares vs. 448,000 in 2012). The significant reduction in domestic output bodes well for sugar prices, which advanced by 25% over June - December 2013. Better pricing should improve the profitability levels of the remaining sugar makers, including Warsaw-listed Astarta. With sugar inventories in the amount of 900,000 tonnes from the previous season, Ukraine's domestic sugar consumption needs this year are sufficiently covered, according to UkrSugar chief Mykola Yarchuk. Yarchuk forecasts that in the current season, some 350,000 ha of lands will be sown with sugar beet and sugar production will reach 1.8mn tonnes in the 2014/15 marketing year (September 2014 – August 2015).



Recommendations

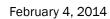
February 4, 2014

EAVEX RECOMMENDATIONS

| Name | Ticker | Price, per share | Target price, per share | Upside, % | Rating | Commentary |
|-----------------------|---------|---------------------|----------------------------|-----------|--------|--|
| Steel&Pipes | | | | | | |
| Azovstal | AZST | 0.59 | 0.56 | -6% | SELL | Non-transparent reporting practices detrimentally affect Azovstal's reported earnings. |
| Iron Ore | | | | | | |
| Ferrexpo | FXPO LN | 154.6 | 218.0 | 41% | BUY | Operations at Ferrexpo's new Yeristovo Mine should allow the company to increase its iron ore pellet output by 10% YoY to 10.6mn tonnes in 2013, with further growth to 12.0mn tonnes in 2015. |
| Pivnichny GOK | SGOK | 8.10 | | - | Susp. | The rating is suspended after the news in late January that CGOK's EGM on 14 Feb 2014 intends to approve additional share issue with new shares to be privately placed. No details were specified. |
| Centralny GOK | CGOK | 7.00 | - | - | Susp. | The rating is suspended after the news in late January that CGOK's EGM on 14 Feb 2014 intends to approve additional share issue with new shares to be privately placed. No details were specified. |
| Coke | | | | | | |
| Avdyivka Coke | AVDK | 2.74 | 6.2 | 128% | BUY | AVDK's order book is secure thanks to its integration with Metinvest, Ukraine's largest M&M holding. |
| Yasynivsky Coke | YASK | 0.56 | 3.4 | 519% | BUY | Yasynivsky Coke benefits from steady demand for its output both in Ukraine & abroad thanks to the high quality of its coke relative to other domestic producers. |
| Coal | | | | | | |
| Pokrovske Mine | SHCHZ | 0.36 | 2.9 | 718% | BUY | We expect Pokrovske Mine to double its coking coal extraction to 9.5mn tonnes over 2010-15. |
| Railcar Manufacturing | | | | | | |
| Krukiv Wagon | KVBZ | 17.5 | U/R | - | U/R | |
| LuganskTeplovoz | LTPL | 1.52 | 5.2 | 244% | BUY | LuganskTeplovoz's incorporation into TransMashHolding should help it to exploit its already-dominant position on the Russian market for diesel locomotives. |
| Specialized Machinery | | | | | | |
| Motor Sich | MSICH | 1734 | 5250 | 203% | BUY | Motor Sich should see its sales 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%. |
| Turboatom | TATM | 5.00 | 8.9 | 78% | BUY | We model Turboatom's revenue as increasing at 18% CAGR over 2012-2015. Deliveries of hydro and steam turbines to export markets will remain the company's key revenue drivers. |
| 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 | 12.8 | 42.0 | 229% | BUY | We assume that Regal will be able to produce 5,200 boepd in 2014, generating USD 116mn in sales. |
| JKX Oil & Gas | JKX | 71.3 | 370 | 419% | BUY | 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 | | | | | | |
| DonbasEnergo | DOEN | 32.0 | 72.0 | 125% | BUY | DonbasEnergo is expected to pay a significant dividend from its FY13 profit that could amount to as much as UAH 5.0 per share, implying a dividend yield of 20%. |
| CenterEnergo | CEEN | 4.42 | 15.00 | 239% | BUY | CentrEnergo's privatization has been postponed, but the company retains a strong fundamental value due to its large installed electricity generation capacity. |
| Consumer | | | | | | |
| МНР | MHPC | 15.0 | 22.10 | 47% | BUY | MHP is ramping up poultry production at its greenfield Vinnytsia complex, which has annual capacity of 220,000 tonnes. We think MHP will be able to expand its output by 50% over 2012-15 to 600,000 tonnes of poultry, with the lion's share of incremental volume to be exported. |
| Astarta | AST | 66.3 | 90.0 | 36% | BUY | Astarta's business leans on three pillars: sugar beet cultivation/processing, grain cultivation, and cattle farming. With sugar prices depressed since 2011, a favorable market for grain should continue to drive the company's profitability. |
| AvangardCo | AVGR | 11.5 | 19.35 | 69% | BUY | A doubling of egg processing capacity to 6mn eggs/day in 1H13 with further expansion to 10mn in early 2014 bode well for the group's earnings due to 1) the higher profitability of the egg products (EP) segment vs. shell eggs and 2) the longer storage life of EP, which enables the company to retain its output for sale in periods of more favorable pricing. Still, the reported selling price for the company's shell eggs appears to be unjustifiably high. Even with financial quality concerns priced in, the stock looks cheap vs its global peers. |
| Ovostar Union | ovo | 81.5 | 109.50 | 34% | HOLD | The company is on its way to implementing a two-stage investment program aimed at expanding egg production capacity to 2.1bn pieces by 2017, or 3x more compared to FY12 production of 719mn eggs. Very low liquidity in the OVO stock is a major concern. |

Source: Eavex Research



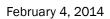




| Namo | Ticker | Today, | 52 high, | 52 low, | | Absolute | performan | ice | Perfor | mance rela | ative to the | UX inde |
|------------------------------|---------|--------|--------------|--------------|------------|----------|----------------|----------------|------------|------------|--------------|---------------|
| Name | ricker | UAH* | UAH* | UAH* | 1 d | 1w | 1m | ytd | 1 d | 1w | 1m | yto |
| UX Index | UX | 882.60 | 1061.97 | 781.22 | -0.8% | 2.1% | -3.0% | -3.0% | 0.0% | 0.0% | 0.0% | 0.09 |
| Steel | | | | | | | | | | | | |
| Alchevsk Steel | ALMK | 0.036 | 0.06 | 0.02 | 0.0% | 1.1% | -7.5% | -7.5% | 0.8% | -1.0% | -4.5% | -4.5% |
| Azovstal | AZST | 0.59 | 0.90 | 0.31 | -0.8% | -0.3% | -11.9% | -11.9% | 0.0% | -2.4% | -8.9% | -8.9% |
| Dniprospetzstal | DNSS | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Enakievo Steel | ENMZ | 31.3 | 49.9 | 20.0 | -0.9% | 1.1% | -2.1% | -2.1% | -0.1% | -1.0% | 0.9% | 0.99 |
| Arcelor Mittal KR | KSTL | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Mariupol Ilyicha | MMKI | 0.11 | 0.26 | 0.05 | -15.4% | 22.2% | 10.0% | 10.0% | -14.6% | 20.1% | 13.0% | 13.09 |
| Coke | | | | | | | | | | | | 4.00 |
| Avdyivka Coke | AVDK | 2.74 | 4.80 | 1.60 | -0.3% | 0.0% | -7.6% | -7.6% | 0.5% | -2.1% | -4.6% | -4.69 8.79 |
| Yasynivsky Coking | YASK | 0.56 | 0.85 | 0.49 | -3.4% | 0.0% | 5.7% | 5.7% | -2.7% | -2.1% | 8.7% | 0.17 |
| Iron Ore Mining | | | | | | | | | 2.20/ | 2.20/ | 40.70 | 10.79 |
| Centralny GOK | CGOK | 7.00 | n/a | n/a | 0.0% | 11.1% | 7.7% | 7.7% | 0.8% | 9.0% | 10.7% | -17.09 |
| Ferrexpo | FXPO | 2.52 | 4.55 | 2.02 | 0.8% | -3.7% | -17.9% | -20.1% | 1.6% | -5.8% | -14.9% | |
| Pivnichny GOK | SGOK | 8.10 | 10.00 | 5.77 | 1.3% | -1.2% | 1.3% | 1.3% | 2.0% | -3.3% | 4.3% | 4.3% |
| Coal Mining | 0110117 | 2.22 | 0.74 | 0.40 | 0.00/ | 10.10/ | 40.00/ | 40.00/ | 0.00/ | 4.4.00/ | 7.00/ | -7.0% |
| Pokrovske Mine | SHCHZ | 0.36 | 0.71 | 0.10 | 0.0% | 16.1% | -10.0% | -10.0% | 0.8% | 14.0% | -7.0% | -7.07 |
| Komsomolets Donbasa | SHKD | 0.43 | n/a | n/a | 0.0% | -28.3% | -30.6% | -30.6% | 0.8% | -30.4% | -27.6% | 5.9% |
| Energy Coal | CLE | 0.36 | 4.57 | 0.31 | 1.0% | 7.4% | 10.2% | 2.9% | 1.8% | 5.3% | 13.2% | 3.97 |
| Mining Machinery | | , | , | , | , | , | , | , | , | , | , | n/a |
| Svitlo Shakhtara | HMBZ | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 11/ 6 |
| Pipe Manufacturing | LIDTO | 0.50 | 0.86 | 0.20 | 0.00/ | 0.00/ | 16 70/ | 16.70/ | 0.80/ | 2.10/ | 12.70/ | -13.7% |
| Khartsyzk Pipe | HRTR | 0.50 | 0.86 | 0.30 | 0.0% | 0.0% | -16.7% | -16.7% | 0.8% | -2.1% | -13.7% | 7.89 |
| Interpipe NMPP | NVTR | 0.22 | n/a | n/a | 4.8% | 4.8% | 4.8% | 4.8% | 5.6% | 2.7% | 7.8% | 1.07 |
| Railcar Manufacturing | 10.07 | 47.5 | 20.0 | 40.0 | 0.00/ | 4.40/ | 4.00/ | 4.00/ | 0.00/ | 2.40/ | 4.00/ | 4.2% |
| Kryukiv Wagon | KVBZ | 17.5 | 29.0 | 12.0 | 0.0% | -1.4% | 1.2% | 1.2% | 0.8% | -3.4% | 4.2% | 4.3% |
| Luhanskteplovoz | LTPL | 1.52 | 2.20 | 1.26 | 0.0% | 9.4% | 1.3% | 1.3% | 0.8% | 7.3% | 4.3% | 0.7% |
| Stakhanov Wagon | SVGZ | 1.27 | n/a | n/a | 0.0% | 5.8% | -2.3% | -2.3% | 0.8% | 3.7% | 0.7% | 0.17 |
| Specialized Machinery | LUAZ | 0.03 | 0.08 | 0.02 | -2.7% | -8.0% | -4.5% | -4.5% | -1.9% | -10.1% | -1.5% | -1.5% |
| Bogdan Motors Motor Sich | MSICH | 1,734 | 2,640 | 1,303 | 0.2% | 1.6% | -4.5% -4.9% | -4.5% -4.9% | 1.0% | -10.1% | -1.5% | -1.9% |
| Sumy Frunze Engineering | SMASH | 2.50 | 2,640 n/a | 1,303 n/a | 0.2% | 0.0% | 0.0% | 0.0% | 0.8% | -0.5% | 3.0% | 3.09 |
| Turboatom | TATM | 1.80 | | n/a | 0.0% | -47.8% | -48.6% | -48.6% | 0.8% | -49.9% | -45.6% | -45.69 |
| WESTA ISIC | WES | 0.15 | n/a 0.26 | 0.13 | -2.0% | -47.8% | -6.5% | 10.0% | -1.2% | -49.9% | -45.6% | 13.0% |
| | WES | 0.13 | 0.20 | 0.13 | -2.070 | -2.170 | -0.5% | 10.0% | -1.270 | -4.270 | -3.5% | 10.07 |
| Telecom Ukrtelecom | UTLM | 0.14 | 0.17 | 0.09 | 0.0% | 23.7% | 26.6% | 26.6% | 0.8% | 21.6% | 29.7% | 29.7% |
| | UTLIVI | 0.14 | 0.17 | 0.09 | 0.0% | 23.170 | 20.0% | 20.0% | 0.676 | 21.0% | 29.170 | |
| Oil & Gas Regal Petroleum | RPT | 0.21 | 0.48 | 0.19 | -0.9% | -5.3% | 5.5% | -1.2% | -0.1% | -7.4% | 8.5% | 1.8% |
| JKX Oil | JKX | 1.16 | 1.21 | 0.19 | -1.2% | 2.3% | -1.1% | -1.2% | -0.1% | 0.2% | 2.0% | 1.1% |
| Ukrnafta | UNAF | 1.10 | 280 | 96 | -2.8% | 9.7% | 13.2% | 13.2% | -0.5% | 7.6% | 16.2% | 16.2% |
| Power Utilities | UNAF | 123 | 200 | 90 | -2.070 | 9.170 | 13.270 | 15.270 | -2.170 | 7.0% | 10.270 | |
| Centrenergo | CEEN | 4.42 | 7.40 | 2.50 | -0.5% | 0.5% | -7.3% | -7.3% | 0.3% | -1.6% | -4.3% | -4.3% |
| Donbasenergo | DOEN | 32.0 | 34.0 | 15.4 | -0.9% | 7.7% | 16.0% | 16.0% | -0.1% | 5.7% | 19.0% | 19.0% |
| Zakhidenergo | ZAEN | 119.0 | 120.0 | 64.0 | 0.0% | 42.5% | 31.6% | 31.6% | 0.8% | 40.4% | 34.7% | 34.79 |
| Consumer | ZALIN | 115.0 | 120.0 | 04.0 | 0.070 | 42.5% | 31.0% | 31.0% | 0.0% | 40.470 | 34.770 | |
| | AGT | 0.78 | 3.6 | 0.36 | -1.5% | 5.7% | 9.7% | 19.7% | -0.7% | 3.6% | 12.7% | 22.7% |
| Agroton Astarta | AST | 21.1 | 24.4 | 14.5 | 0.3% | -1.1% | -5.0% | -5.3% | 1.1% | -3.2% | -1.9% | -2.29 |
| Avangardo | AVGR | 11.5 | 13.0 | 7.61 | -0.6% | 4.4% | 0.7% | -2.3% | 0.2% | 2.3% | 3.7% | 0.79 |
| Industrial Milk Company | IMC | 3.16 | 5.25 | 3.16 | -0.6% | -14.7% | -24.2% | -2.5% | -0.3% | -16.8% | -21.2% | -18.9% |
| Kernel | KER | 12.3 | 22.4 | 11.8 | 1.5% | -6.7% | -8.6% | -3.0% | 2.3% | -8.8% | -5.6% | 0.09 |
| Mriya Agro Holding | MAYA | 7.16 | 8.2 | 5.36 | 2.0% | 1.3% | 3.1% | -3.9% | 2.8% | -0.8% | 6.1% | -0.89 |
| MHPC | MHPC | 15.0 | 19.9 | 14.15 | -0.5% | -10.0% | -15.4% | -11.7% | 0.3% | -12.1% | -12.4% | -8.79 |
| Milkiland | MLK | 3.17 | 5.1 | 3.02 | 1.9% | 1.2% | -17.6% | -23.7% | 2.7% | -0.9% | -14.6% | -20.79 |
| Ovostar Union | OVO | 25.9 | 33.3 | 21.3 | 0.5% | -4.6% | -17.2% | -22.1% | 1.3% | -6.7% | -14.2% | -19.09 |
| Sintal | SNPS | n/a | - | | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| MCB Agricole | 4GW1 | n/a | - | | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Chemicals | | 11/ 0 | | | 11/ 4 | 11/ 4 | 11, 0 | 11/ 4 | 11/ 4 | 11/ 0 | 11, 0 | , |
| Stirol | STIR | 13.1 | n/a | n/a | 0.2% | -5.2% | 5.0% | 5.0% | 1.0% | -7.3% | 8.1% | 8.19 |
| Banks | STIIN | 10.1 | ny u | 11/ 4 | J.Z/0 | J.270 | 0.070 | 3.070 | 1.070 | 1.570 | J.1/0 | |
| Danko | | | | | | | | | | | | - 40 |
| Raiffeisen Bank Aval | BAVL | 0.113 | 0.128 | 0.077 | -1.1% | 4.4% | -0.6% | -0.6% | -0.3% | 2.4% | 2.4% | 2.4% |

Source: Bloomberg * companies listed abroad are in USD







| Names | Tieleer | N | let Sales | 5 | | EBITDA | | EB | ITDA ma | argin | N | et Profit | | Net | Profit m | nargin |
|-----------------------|---------|-------|-----------|-------|------|-----------|-------|--------|------------|--------|------|-----------|-------|-------|-----------|--------|
| Name | Ticker | 2012 | 2013E | 2014E | 2012 | 2013E | 2014E | 2012 | 2013E | _ | | 2013E | 2014E | 2012 | 2013E | _ |
| Steel | | | | | | | | | | | | | | | | |
| Alchevsk Steel | ALMK | 1,783 | 1,729 | 1,730 | -5 | -62 | -14 | neg | neg | neg | -127 | -173 | -35 | neg | neg | neg |
| Enakievo Steel | ENMZ | 1,578 | 1,531 | 1,561 | -84 | 22 | 33 | neg | 1.5% | 2.1% | 9 | -185 | -29 | 0.5% | neg | ne |
| Azovstal | AZST | 2,814 | 1,938 | 1,976 | -181 | -31 | 35 | neg | neg | 1.8% | -333 | -173 | -24 | neg | neg | neį |
| Coke | | _, | _, | _,-,- | | | | | | | | | | | | · |
| Avdyivka Coke | AVDK | 1.090 | 914 | 784 | -112 | 47 | 29 | neg | 5.1% | 3.8% | -137 | -6 | -24 | neg | neg | neį |
| Yasynivsky Coking | YASK | 432 | 367 | 333 | 27 | 29 | 19 | 6.4% | 7.8% | 5.7% | 8 | | 5 | 1.9% | 3.1% | 1.49 |
| Iron Ore Mining | | | | | | | | | | | | | | | | |
| Centralny GOK | CGOK | 610 | 679 | 634 | 232 | 312 | 279 | 38.0% | 46.0% | 44.1% | 95 | 179 | 150 | 15.6% | 26.4% | 23.7% |
| Pivnichny GOK | SGOK | 1,416 | 1,630 | 1,506 | 750 | 914 | 816 | 53.0% | 56.1% | 54.2% | 436 | | 461 | 30.8% | 33.7% | 30.6% |
| Ferrexpo | FXPO | 1.424 | 1.545 | 1.623 | 402 | 433 | 449 | 28.2% | 28.0% | 27.7% | 216 | | 248 | 15.1% | 15.5% | 15.3% |
| Coal Mining | 1741 0 | _, | _, | _,=_= | | | | | | | | | | | | |
| Komsomolets Donbasa | SHKD | 273 | 220 | 234 | 125 | 92 | 94 | 45.9% | 41.8% | 40.1% | 7 | 17 | 17 | 2.6% | 7.6% | 7.3% |
| Coal Energy | CLE | 165 | 126 | 101 | 63 | 21 | 9 | 38.0% | 16.8% | 8.9% | 38 | | -24 | 23.2% | neg | neg |
| Pipe Manufacturing | V | | | | | | - | | | | | | | | | · |
| Khartsyzk Pipe | HRTR | 480 | 310 | 361 | 52 | 31 | 34 | 10.8% | 10.1% | 9.5% | 34 | 17 | 20 | 7.0% | 5.5% | 5.5% |
| Railcar Manufacturing | | | 020 | 002 | 02 | | | 20.070 | 20.275 | 0.070 | ٠. | | | | 0.070 | |
| Luhanskteplovoz | LTPL | 216 | 329 | 367 | 29 | 36 | 38 | 13.4% | 10.8% | 10.4% | 5 | 18 | 20 | 2.2% | 5.4% | 5.5% |
| Kryukiv Wagon | KVBZ | 891 | 424 | 387 | 135 | 65 | 60 | 15.2% | 15.3% | 15.4% | 95 | | 22 | 10.7% | 5.8% | 5.8% |
| Stakhanov Wagon | SVGZ | 311 | 172 | 150 | 7 | 6 | 5 | 2.3% | 3.4% | 3.6% | 1 | | -1 | 0.2% | neg | |
| Specialized Machinery | 0.02 | 011 | | 200 | | | | 2.0% | 0 | 0.070 | _ | _ | _ | 0.270 | | |
| Turboatom | TATM | 160 | 199 | 222 | 51 | 73 | 78 | 32.2% | 36.7% | 35.2% | 38 | 55 | 59 | 23.8% | 27.8% | 26.6% |
| Motor Sich | MSICH | 979 | 1,000 | 1,116 | 309 | 233 | 258 | 31.6% | 23.3% | 23.1% | 200 | 184 | 205 | 20.4% | 18.4% | 18.4% |
| Telecom | | | _, | _, | | | | | | | | | | | | |
| Ukrtelecom | UTLM | 838 | 749 | 654 | 206 | 215 | 209 | 24.5% | 28.7% | 31.9% | 45 | 50 | 65 | 5.4% | 6.6% | 10.0% |
| Oil & Gas | · · · | | | | | | | | | | | | | • | - | |
| Ukrnafta | UNAF | 1,853 | 2,454 | 2,143 | 319 | 373 | 355 | 17.2% | 15.2% | 16.5% | 176 | 131 | 121 | 9.5% | 5.4% | 5.7% |
| Regal Petroleum | RPT | 51 | 38 | 60 | 21 | 17 | 31 | 42.0% | 45.0% | 52.0% | 12 | | 13 | 22.7% | 13.2% | 21.3% |
| JKX Oil | JKX | 203 | 210 | 231 | 136 | 85 | 90 | 67.1% | 40.5% | 39.0% | -11 | | 24 | neg | 9.5% | 10.4% |
| Electric Utilities | 3.00 | 200 | 220 | 202 | 200 | | | 011270 | 10.075 | 00.075 | | 20 | | 1108 | 0.070 | |
| Centrenergo | CEEN | 1.119 | 902 | 1.006 | 69 | 62 | 69 | 6.2% | 6.8% | 6.8% | 29 | 43 | 50 | 2.6% | 4.8% | 5.0% |
| Donbasenergo | DOEN | 574 | 656 | 732 | 32 | 72 | 64 | 5.6% | 11.0% | 8.8% | 4 | | 43 | 0.7% | 7.5% | 5.9% |
| Consumer | DOLIV | 01-1 | 000 | 102 | 02 | | 0-1 | 0.070 | 11.0% | 0.070 | | 43 | 70 | 0.170 | 1.070 | |
| MHP | MHPC | 1,408 | 1,422 | 1,635 | 468 | 413 | 545 | 33.2% | 29.0% | 33.3% | 311 | 202 | 269 | 22.1% | 14.2% | 16.5% |
| Kernel | KER | 2,157 | 2,797 | 2,480 | 322 | 291 | 257 | 14.9% | 10.4% | 10.4% | 211 | 105 | 77 | 9.8% | 3.8% | 3.1% |
| Astarta | AST | 456 | 504 | 598 | 109 | 125 | 169 | 20.0% | 20.6% | 23.6% | 58 | | 113 | 10.6% | 12.9% | 15.8% |
| Avangardco | AVGR | 629 | 703 | 785 | 280 | 328 | 373 | 44.5% | 46.6% | 47.5% | 228 | 262 | 300 | 36.3% | 37.2% | 38.3% |
| Agroton | AGT | 88 | 69 | 76 | 200 | 13 | 12 | 23.2% | 18.1% | 15.4% | 7 | | -1 | 7.7% | neg | neg |
| Banks | AGI | | Total Ass | | | Total Equ | | | Total Inco | | , | Net Pro | | | urn on Eq | |
| Raiffeisen Bank Aval | BAVL | 5,962 | 5,497 | 5,664 | 793 | 884 | 856 | 679 | 665 | 613 | 4 | 90 | 115 | 0.5% | 10.1% | 13.5% |
| Ukrsotsbank | USCB | 4,854 | 5,283 | 4,949 | 957 | 1,064 | 1.016 | 451 | 360 | 453 | 1 | 1 | 20 | 0.1% | 0.1% | 2.0% |

Source: Eavex Research



| | Ticker | MCap | | Float | EV | | P/E | | | V/EBITE | | | V/Sales | | | /Outp | | Units |
|-------------------------|--------------|----------|--------|--------|----------|------------|-----------------|------------|------|---------|------------|------|---------|-------|-------|-----------|-------|-------------|
| 0 | 1101101 | USD mn | % | USD mn | USD mn | 2012 | 2013E | 2014E | 2012 | 2013E | 2014E | 2012 | 2013E | 2014E | 20122 | 2013E | 2013E | Omto |
| Steel Alchevsk Steel | | | | _ | | | | | | | | | | | | | 4.45 | A () |
| Yenakievo Steel | ALMK | 107 | 3.9% | 4 | 1,901 | neg | neg | neg | neg | neg | neg | 1.1 | 1.1 | 1.1 | 491 | 458 | 445 | \$/tonne |
| Azovstal | ENMZ | 38 | 8.8% | 3 | 32 | 4.5 | neg | neg | neg | 1.5 | 1.0 | 0.0 | 0.0 | 0.0 | 12 | 11 | 11 | \$/tonn |
| Coke | AZST | 287 | 3.0% | 8 | 269 | neg | neg | neg | neg | neg | 7.6 | 0.1 | 0.1 | 0.1 | 59 | 60 | 59 | \$/tonne |
| Avdyivka Coke | A)/DI/ | | C 00/ | 4 | 50 | | | | | 4.2 | 0.0 | 0.4 | 0.4 | 0.4 | 4.4 | 45 | 16 | \$/tonne |
| Yasynivsky Coke | AVDK YASK | 62 18 | 6.8% | 4 | 59 19 | neg 2.1 | neg | neg 3.8 | neg | 1.3 | 2.0 1.0 | 0.1 | 0.1 | 0.1 | 14 | 15 0.6 | 1.0 | \$/tonn |
| Iron Ore Mining | TASK | 10 | 9.0% | 2 | 19 | 2.1 | 1.6 | 3.0 | 0.7 | 0.6 | 1.0 | 0.0 | 0.1 | 0.1 | 0.7 | 0.6 | 1.0 | φ/ τοππ |
| Centralny GOK | CGOK | 948 | 0.3% | 2 | 946 | 10.0 | 5.3 | 6.3 | 4.1 | 3.0 | 3.4 | 1.6 | 1.4 | 1.5 | | | | |
| Pivnichny GOK | SGOK | 2,156 | 0.3% | 9 | 2,150 | 4.9 | 3.9 | 4.7 | 2.9 | 2.4 | 2.6 | 1.5 | 1.4 | 1.4 | | | | |
| Ferrexpo | FXPO | 1,484 | 24.0% | 356 | 2,150 | 6.9 | 6.2 | 6.0 | 5.1 | 4.7 | 4.6 | 1.4 | 1.3 | 1.3 | | | | |
| Coal Mining | TAFO | 1,404 | 24.070 | 330 | 2,030 | 0.9 | 0.2 | 0.0 | 5.1 | 4.1 | 4.0 | 1.4 | 1.5 | 1.5 | | | | |
| Komsomolets Donbasa | SHKD | 17 | 5.4% | 1 | 119 | 2.3 | 1.0 | 1.0 | 0.9 | 1.3 | 1.3 | 0.4 | 0.5 | 0.5 | 29 | 28 | 26 | \$/tonne |
| Coal Energy | CLE | 16 | 25.0% | 4 | 126 | 0.4 | neg | neg | 2.0 | 6.0 | 14.0 | 0.8 | 1.0 | 1.3 | 2.0 | 6.0 | 14.0 | \$/tonne |
| Pipe Manufacturing | OLL | 10 | 20.070 | | 120 | 0.4 | no _B | ilog | 2.0 | 0.0 | 14.0 | 0.0 | 1.0 | 1.0 | 2.0 | 0.0 | | *, |
| Khartsyzk Pipe | HRTR | 150 | 2.0% | 3 | 196 | 4.5 | 8.7 | 7.5 | 3.8 | 6.3 | 5.7 | 0.4 | 0.6 | 0.5 | 311 | 515 | 490 | \$/tonne |
| Railcar Manufacturing | | | | | | | | | | | | | | | | | | |
| LuganskTeplovoz | LTPL | 38 | 24.0% | 9 | 80 | 8.0 | 2.2 | 1.9 | 2.8 | 2.3 | 2.1 | 0.4 | 0.2 | 0.2 | | | | |
| Krukiv Wagon | KVBZ | 232 | 5.0% | 12 | 232 | 2.4 | 9.4 | 10.4 | 1.7 | 3.6 | 3.9 | 0.3 | 0.5 | 0.6 | | | | |
| Stakhanov Wagon | SVGZ | 33 | 8.0% | 3 | 72 | >30 | neg | neg | 10.1 | 12.3 | 13.3 | 0.2 | 0.4 | 0.5 | | | | |
| Specialized Machinery | | | | | | | | | | | | | | | | | | |
| Turboatom | TATM | 171 | 5.8% | 10 | 98 | 4.5 | 3.1 | 2.9 | 1.9 | 1.3 | 1.3 | 0.6 | 0.5 | 0.4 | | | | |
| Motor Sich | MSICH | 416 | 24.0% | 100 | 435 | 2.1 | 2.3 | 2.0 | 1.4 | 1.9 | 1.7 | 0.4 | 0.4 | 0.4 | | | | |
| Telecom | | | | | | | | | | | | | | | | | | |
| Ukrtelecom | UTLM | 301 | 7.2% | 22 | 623 | 6.7 | 6.1 | 4.6 | 3.0 | 2.9 | 3.0 | 0.7 | 0.8 | 1.0 | | | | |
| Oil & Gas | | | | | | | | | | | | | | | | | | |
| Ukrnafta | UNAF | 770 | 3.0% | 23 | 762 | 4.4 | 5.9 | 6.4 | 2.4 | 2.0 | 2.1 | 0.4 | 0.3 | 0.4 | n/a | n/a | n/a | \$/bo |
| Regal Petroleum | RPT | 67 | 21.6% | 14 | 38 | 5.7 | 13.2 | 5.2 | 1.8 | 2.2 | 1.2 | 0.7 | 1.0 | 0.6 | n/a | n/a | n/a | \$/bo |
| JKX Oil & Gas | JKX | 199 | 50.4% | 101 | 308 | neg | 10.0 | 8.3 | 2.3 | 3.6 | 3.4 | 1.5 | 1.5 | 1.3 | 56 | 42 | 41 | \$/bo |
| Electric Utilities | | | | | | | | | | | | | | | | | | |
| CentrEnergo | CEEN | 189 | 21.7% | 41 | 258 | 6.5 | 4.4 | 3.8 | 3.7 | 4.2 | 3.7 | 0.2 | 0.3 | 0.3 | 14 | 18 | 16 | \$/MWI |
| DonbasEnergo | DOEN | 87 | 14.2% | 12 | 158 | 22.9 | 1.8 | 2.0 | 4.9 | 2.2 | 2.5 | 0.3 | 0.2 | 0.2 | 19 | 20 | 19 | \$/MWI |
| Consumer | | | | | | | | | | | | | | | | | | |
| MHP | MHPC | 1,587 | 34.1% | 541 | 2,747 | 5.1 | 7.8 | 5.9 | 5.9 | 6.7 | 5.0 | 2.0 | 1.9 | 1.7 | | | | |
| Kernel | KER | 979 | 61.8% | 605 | 1,685 | 4.6 | 9.3 | 12.7 | 5.2 | 5.8 | 6.6 | 0.8 | 0.6 | 0.7 | | | | |
| Astarta | AST | 527 | 37.0% | 195 | 861 | 9.1 | 6.7 | 4.7 | 7.9 | 6.9 | 5.1 | 1.9 | 1.7 | 1.4 | | | | |
| Avangardco | AVGR | 733 | 22.5% | 165 | 933 | 3.2 | 2.8 | 2.4 | 3.3 | 2.8 | 2.5 | 1.5 | 1.3 | 1.2 | 211 | 160 | 151 9 | \$/mnegg |
| Agroton | AGT | 17 | 26.2% | 4 | 66 | 2.5 | neg | neg | 3.2 | 5.2 | 5.6 | 0.7 | 1.0 | 0.9 | n/a | n/a | n/a | |
| Banks | | | | | | | P/E | | | P/Book | | | P/Asset | s | | | | |
| Raiffeisen Bank Aval | BAVL | 391 | 3.6% | 14 | | >30 | 4.4 | 3.4 | 0.5 | 0.4 | 0.5 | 0.07 | 0.07 | 0.07 | | | | |
| Ukrsotsbank | USCB | 370 | 1.4% | 5 | | >30 | >30 | 19.4 | 0.5 | 0.3 | 0.4 | 0.08 | 0.07 | 0.08 | | | | |

Source: Eavex Research



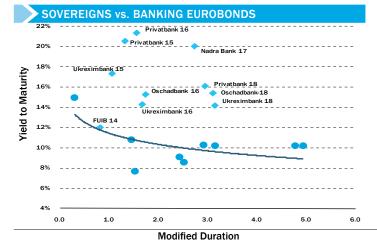


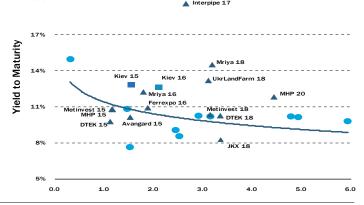
February 4, 2014

| | Price | Price | YTM | YTM | Price chg. | Modified | | Coupon | Maturity | Volume | |
|------------------------------|-------|-------|--------|--------|------------|----------|--------|--------|--------------|--------|----------------------|
| Issue | (Bid) | (Ask) | (Bid) | (Ask) | (YTD) | Duration | Coupon | Period | Date | USD mn | Ratings ¹ |
| Sovereign Eurobonds | | | | | | | | | | | |
| Ukraine, 2014 | 97.5 | 99.5 | 19.3% | 11.0% | -1.5% | 0.3 | 7.95% | S/A | 4 Jun. 2014 | 1,000 | Caa2/CCC+/E |
| Naftogaz Ukraine, 2014 | 96.7 | 97.8 | 18.6% | 16.1% | -3.2% | 0.6 | 9.50% | S/A | 30 Sept 2014 | 1,595 | //B- |
| Ukraine, 2015 (EUR) | 95.6 | 96.9 | 8.2% | 7.2% | 0.2% | 1.5 | 4.95% | Α | 13 Oct 2015 | 600* | Caa2/CCC+/E |
| Ukraine, 2015 | 94.2 | 95.7 | 11.4% | 10.3% | -2.7% | 1.4 | 6.875% | S/A | 23 Sept 2015 | 500 | Caa2/CCC+/E |
| Ukraine, 2016 | 92.8 | 95.8 | 9.8% | 8.4% | 0.3% | 2.4 | 6.58% | S/A | 21 Nov 2016 | 1,000 | Caa2/CCC+/E |
| Ukraine, 2016-2 | 93.2 | 95.7 | 9.1% | 8.1% | 0.2% | 2.5 | 6.25% | S/A | 17 Jun 2016 | 1,250 | Caa2/CCC+/E |
| Ukraine, 2017 | 89.1 | 90.8 | 10.5% | 9.9% | -3.0% | 3.1 | 6.75% | S/A | 14 Nov 2017 | 700 | Caa2/CCC+/E |
| Ukraine, 2017-2 | 96.9 | 98.2 | 10.5% | 10.1% | -1.7% | 2.9 | 9.25% | S/A | 24 Jul 2017 | 2,000 | Caa2/CCC+/E |
| Ukraine, 2017 Infr. projects | 92.0 | 93.5 | 11.7% | 11.1% | 12.3% | 3.0 | 8.375% | S/A | 3 Nov 2017 | 568 | Caa2// |
| Ukraine, 2018 Infr. projects | 88.8 | 90.4 | 11.3% | 10.7% | 14.1% | 3.4 | 7.40% | S/A | 20 Apr 2018 | 690 | Caa2// |
| Ukraine, 2020 | 88.3 | 89.8 | 10.4% | 10.0% | -4.3% | 4.8 | 7.75% | S/A | 23 Sept 2020 | 1,500 | Caa2/CCC+/E |
| Ukraine, 2021 | 88.3 | 90.3 | 10.4% | 10.0% | -4.7% | 4.9 | 7.95% | S/A | 23 Feb 2021 | 1,500 | Caa2/CCC+/E |
| Ukraine, 2022 | 87.4 | 89.4 | 10.0% | 9.6% | -2.9% | 5.9 | 7.80% | S/A | 28 Nov 2022 | 1,250 | Caa2/CCC+/E |
| Ukraine, 2023 | 86.3 | 88.3 | 9.8% | 9.4% | -3.6% | 6.2 | 7.50% | S/A | 17 Apr 2023 | 1,250 | Caa2/CCC+/E |
| Corporate Eurobonds | | | | | | | | | | | |
| Agroton, 2014 | 50.0 | 54.4 | 33.4% | 30.0% | n/a | 3.1 | 8.00% | S/A | 14 Jul 2019 | 50 | /CCC/RD |
| MHP, 2015 | 99.9 | 100.9 | 11.3% | 10.8% | -3.0% | 1.1 | 10.25% | S/A | 29 Apr 2015 | 235 | Caa2//B- |
| MHP, 2020 | 83.5 | 85.6 | 12.1% | 11.6% | -5.5% | 4.4 | 8.25% | S/A | 2 Apr 2020 | 750 | /CCC+/B- |
| Avangardco, 2015 | 99.9 | 101.3 | 10.7% | 9.7% | n/a | 1.5 | 10.00% | S/A | 29 Oct 2015 | 200 | //B- |
| UkrLandFarming, 2018 | 90.9 | 94.5 | 13.8% | 12.6% | 2.8% | 3.1 | 10.88% | S/A | 26 Mar 2018 | 275 | /CCC+/B- |
| Mriya, 2016 | 97.8 | 100.2 | 13.0% | 11.5% | -1.2% | 1.8 | 10.95% | S/A | 30 Mar 2016 | 72 | /CCC+/B- |
| Mriya, 2018 | 83.7 | 85.0 | 14.7% | 14.3% | -3.1% | 3.2 | 9.45% | S/A | 19 Apr 2018 | 400 | /CCC+/B- |
| DTEK, 2015 | 100.0 | 101.0 | 10.3% | 9.3% | -1.7% | 1.1 | 9.50% | S/A | 28 Apr 2015 | 200 | Caa2//B- |
| DTEK, 2018 | 91.6 | 92.2 | 10.4% | 10.2% | -2.5% | 3.3 | 7.88% | S/A | 4 Apr 2018 | 750 | Caa2//B- |
| Metinvest, 2015 | 99.9 | 101.3 | 11.2% | 9.9% | -1.5% | 1.2 | 10.25% | S/A | 20 May 2015 | 500 | Caa2//B- |
| Metinvest, 2018 | 94.4 | 96.0 | 10.7% | 10.1% | 0.2% | 3.1 | 8.75% | S/A | 14 Feb 2018 | 750 | Caa2//B- |
| Ferrexpo, 2016 | 94.0 | 96.1 | 11.6% | 10.2% | -3.0% | 1.9 | 7.875% | S/A | 07 Apr 2016 | 500 | /CCC+/B- |
| UZ Rail, 2018 | 90.2 | 91.7 | 12.5% | 12.0% | -0.9% | 3.3 | 9.50% | S/A | 21 May 2018 | 500 | /CCC+/B- |
| Interepipe, 2017 | 77.0 | 80.1 | 20.4% | 18.4% | 0.0% | 2.6 | 10.25% | S/A | 2 Aug 2017 | 200 | /NR/C |
| JKX Oil&Gas, 2018 | 109.4 | 111.5 | 8.6% | 8.0% | -0.5% | 3.3 | 8.00% | S/A | 19 Feb 2018 | 40 | // |
| Bank Eurobonds | | | | | | | | -, | | | ,, |
| Fin&Credit Bank, 2019 | 75.0 | 85.0 | 16.9% | 13.5% | -3.6% | 3.7 | 9.25% | S/A | 25 Jan 2019 | 100 | Caa2// |
| PUMB, 2014 | 100.9 | 100.9 | 12.0% | 12.0% | 2.4% | 0.8 | 11.00% | Q | 31 Dec 2014 | 275 | Caa2// |
| Nadra Bank, 2017 | 80.2 | 90.3 | 25.2% | 14.8% | 0.0% | 2.7 | 8.00% | A | 22 Jun 2017 | 175 | // |
| PrivatBank, 2015 | 86.0 | 89.0 | 22.0% | 19.1% | -1.8% | 1.3 | 9.38% | S/A | 23 Sept 2015 | 200 | Caa2// |
| PrivatBank, 2016 | 73.0 | 80.0 | 24.1% | 18.6% | 8.8% | 1.6 | 8.75% | S/A | 9 Feb 2016 | 150 | Caa2// |
| PrivatBank, 2018 | 84.9 | 87.0 | 16.1% | 15.3% | 2.7% | 3.0 | 10.88% | S/A | 28 Feb 2018 | 175 | Caa2//B- |
| UkrEximBank, 2015 | 91.0 | 93.0 | 18.5% | 16.2% | -4.6% | 1.1 | 8.38% | S/A | 27 Apr 2015 | 750 | Caa2//B- |
| UkrEximBank, 2016 | 86.7 | 86.7 | 14.3% | 14.3% | 1.6% | 1.7 | 8.40% | S/A | 2 Sept 2016 | 125 | Caa2//B- |
| UkrEximBank, 2018 | 82.1 | 83.9 | 14.5% | 13.8% | -7.0% | 3.2 | 8.75% | S/A | 22 Jan 2018 | 500 | Caa2//B- |
| VAB Bank, 2014 | 78.0 | 83.0 | n/a | n/a | -5.8% | n/a | 10.50% | Q | 14 Jun 2014 | 125 | Caa2//WD |
| Oschadbank, 2016 | 88.9 | 89.8 | 15.5% | 15.0% | -4.0% | 1.7 | 8.25% | S/A | 10 Mar 2016 | 700 | Caa2//WD |
| Oschadbank, 2018 | 80.6 | 84.1 | 15.7% | 15.0% | -7.5% | 3.1 | 8.88% | S/A | 20 Mar 2018 | 500 | Caa2//B- |
| | 55.0 | 04.1 | 10.170 | 13.070 | 1.570 | 5.1 | 0.0070 | J/ \ | 20 Mai 2010 | 300 | Oua2// D- |
| Municipal Eurobonds | 02.0 | 04.0 | 12.00/ | 10 50/ | 0.60/ | 1 = | 0.000/ | C / A | 6 Nov 2015 | 250 | 00 (000 |
| City of Kyiv, 2015 | 93.0 | 94.0 | 13.2% | 12.5% | 0.6% | 1.5 | 8.00% | S/A | 6 Nov 2015 | 250 | Caa2/CCC+/ |
| City of Kyiv, 2016 | 92.6 | 94.0 | 13.0% | 12.3% | 0.3% | 2.1 | 9.375% | S/A | 30 Jun 2016 | 300 | Caa2/CCC+/ |

¹Moody's/S&P/Fitch; * EUR

Source: Bloomberg, Chonds, Eavex Research





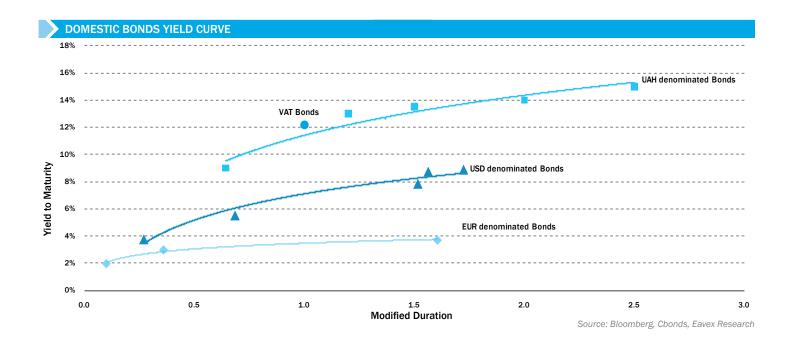
SOVEREIGNS vs. CORPORATE and MUNICIPAL EUROBONDS

Modified Duration



| HKBAINIAN | DOMESTIC BON | IDS | | | | | | | |
|-----------------|--------------|-------------|-----------|-----------|----------------------|--------|------------------|---------------|------------------|
| Issue | Price (Bid) | Price (Ask) | YTM (Bid) | YTM (Ask) | Modified Duration | Coupon | Coupon Period | Maturity Date | Volume mn USD |
| UAH denominated | Bonds | | | | | | | | |
| UA4000115117 | | | 9.0% | 7.5% | n/a | 10.75% | S/A | 26 Mar 2014 | 187 |
| UA4000141592 | | | 13.5% | 12.0% | n/a | 14.30% | S/A | 20 May 2015 | 31 |
| UA4000142665 | | | 19.0% | 17.0% | n/a | 14.30% | S/A | 24 May 2017 | 184 |
| USD denominated | Bonds | | | | | | | | |
| UA4000140362 | n/a | n/a | 5.8% | 4.5% | n/a | 9.20% | S/A | 21 May 2014 | 171 |
| UA4000142699 | n/a | n/a | 9.5% | 6.5% | n/a | 9.45% | S/A | 22 Apr 2015 | 312 |
| UA4000141071 | n/a | n/a | 9.5% | 6.5% | n/a | 9.45% | S/A | 27 May 2015 | 152 |
| UA4000142673 | n/a | n/a | 9.6% | 7.0% | n/a | 4.50% | S/A | 17 Jun 2015 | 175 |
| EUR denominated | Bonds | | | | | | | | |
| UA4000142681 | n/a | n/a | 5.4% | 5.3% | n/a | 4.80% | S/A | 6 May 2015 | 40 |
| VAT Bonds | | | | | | | | | |
| UA4000082531 | | | 14.5% | 12.3% | n/a | 5.50% | S/A | 21 Aug 2015 | 141 |
| UA4000082622 | | | 14.5% | 12.3% | n/a | 5.50% | S/A | 24 Aug 2015 | 571 |
| UA4000083059 | | | 14.5% | 12.3% | n/a | 5.50% | S/A | 25 Aug 2015 | 415 |

Source: Bloomberg, Chonds, Eavex Research





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