

Market Update

Equity

Most Ukrainian blue chips moved higher on Friday (Jan 10), regaining much of the territory lost in Thursday's session. Externally, markets were largely untroubled by a surprisingly sluggish US jobs report for December, with investors assuming that the data could strengthen the case for continued central bank stimulus measures. The UX index added a robust 1.8%, closing at 896 points. Top liquid issue Motor Sich led the rally, pushing to its best level since August with a 3.5% gain on turnover of UAH 4.4mn, and Raiffeisen Aval rose by the same increment in erasing most of its Thursday decline to finish just above the 11 kopeck level. Alchevsk Steel and CentrEnergo saw more moderate pickups of 1.1% and 1.7%, while Metinvest-controlled Avdyivka Coke and Azovstal both ended marginally in the red. Outside the UX basket, Stirol was the most active name, sliding 3.8% to UAH 12.02.

Fixed Income

Ukrainian sovereigns rose on Friday with Ukraine-23s improved by 0.6p.p. closing at 92.0/93.5 (8.8%/8.5%). The corporate universe was mixed. UkrlandFarming-18s increased by 1.7p.p. on news of the group's 5% stake acquisition by global trader Cargill while DTEK-18s declined by 0.3p.p. to 95.4/96.5 (9.2%/8.9%).

| Ticker | Last, UAH | 1D ch | Volume, UAH mn | Number of Trades |
|--------|---------------|---------------------------|-------------------------------------|---|
| MSICH | 1860.00 | 3.5% | 4.5 | 122 |
| CEEN | 4.68 | 1.8% | 0.9 | 61 |
| AVDK | 2.845 | -0.2% | 0.8 | 126 |
| | MSICH CEEN | MSICH 1860.00 CEEN 4.68 | MSICH 1860.00 3.5% CEEN 4.68 1.8% | Ticker Last, UAH 1D ch UAH mn MSICH 1860.00 3.5% 4.5 CEEN 4.68 1.8% 0.9 |

| Growth Leaders | | | | | |
|----------------|-------|------|-------|------|----|
| Bank Forum | FORM | 0.88 | 25.7% | 0.51 | 7 |
| Ukrtelecom | UTLM | 0.14 | 16.4% | 0.38 | 10 |
| Pokrovske Mine | SHCHZ | 0.41 | 7.9% | 0.01 | 9 |

Loss Leaders

| Bogdan Motors | LUAZ | 0.02 | -21.5% | 0.005 | 12 |
|---------------|------|-------|--------|-------|----|
| Stirol | STIR | 12.02 | -3.8% | 0.334 | 12 |
| Ukrsotsbank | USCB | 0.18 | -1.9% | 0.085 | 17 |
| | | | | | |

Highlights

STOCKS IN THE NEWS

> Ukraine's 2013 Steel Output Moves Up 0.8% YoY

FIXED INCOME

> F&C Postpones Bond Redemption to 2019, Cuts Coupon by 125 bps

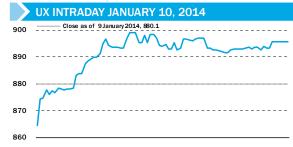
Market Monitor

January 13, 2014



9-Oct 19-Oct 29-Oct 8-Nov 18-Nov 28-Nov 8-Dec 18-Dec 28-Dec 7-Jan * rebased

| MARKE | T INDEXES | | | |
|---------|-----------|-------|-------|-------|
| | Last | 1D ch | 1M ch | YTD |
| UX | 895.7 | 1.8% | 1.1% | -1.6% |
| RTS | 1395.9 | 0.5% | -1.0% | -3.2% |
| WIG20 | 2327.9 | 0.1% | -5.9% | -3.0% |
| MSCI EM | 970.2 | 0.7% | -4.2% | -3.2% |
| S&P 500 | 1842.4 | 0.2% | 2.2% | 0.1% |



10:30 11:15 12:00 12:45 13:30 14:15 15:00 15:45 16:30 17:15

FIXED INCOME

| | Last | 1D ch | 1M ch | YTD |
|-----------------|-------|-----------|------------|-----------|
| EMBI+Global | 339.5 | 2.2% | -2.7% | 2.7% |
| CDS 5Y UKR | 715.6 | 1.3% | -37.0% | -12.8% |
| Ukraine-17 | 8.0% | -0.1 p.p. | -3.7 p.p. | -1.0 p.p. |
| Naftogaz Ukr-14 | 8.1% | 0.0 p.p. | -15.8 p.p. | -0.7 p.p. |
| Ukraine-23 | 8.6% | -0.1 p.p. | -1.8 p.p. | 1.1 p.p. |
| Privatbank-16 | 18.0% | 0.1 p.p. | -8.6 p.p. | -6.7 p.p. |
| | | | | |

| | RENCY | | | |
|-----|-----------|-------|-------|-------|
| | Last, UAH | 1D ch | 1M ch | YTD |
| USD | 8.29 | 0.2% | 0.5% | 0.5% |
| EUR | 11.33 | 0.7% | -0.2% | -0.4% |
| RUB | 0.25 | 0.7% | -0.5% | -0.1% |

| Соммор | ITIES | | | |
|---------------|--------|---------------|----------------|----------|
| _ | Last | 1D ch | 1M ch | YTD |
| Wheat, USD/t* | 287.4 | 0.0% | -1.2% | 0.0% |
| Steel, USD/t | 537.5 | 0.0% | 1.9% | 0.0% |
| Oil, USD/bbl | 107.3 | 0.8% | -1.7% | -3.6% |
| Gold, USD/oz | 1248.5 | 1.7% | -1.1% | 4.3% |
| *Ukraine FOB | Sc | ource: Bloomb | erg. Ukrainian | Exchange |

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Ukraine's 2013 Steel Output Moves Up 0.8% YoY

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

NEWS

Ukraine's crude steel output increased by 0.8% YoY to 32.62mn tonnes in full-year 2013, industry publication Metal Courier reported on Friday (Jan 10). In December alone, Ukrainian steel mills smelted 2.66mn of steel, a rise of 3.5% YoY. Average daily steel output in December was higher by 0.6% MoM at 85,600 tonnes.

| Owner | | Dec'13 | YoY | Dec daily | МоМ | 2013 | YoY |
|-----------|-------------------|--------|------|-----------|------|--------|------|
| AM | ArchelorMittal KR | 566 | 3% | 18.3 | 1% | 6,476 | 1% |
| Metinvest | MMK Illicha | 424 | 3% | 13.7 | 6% | 5,044 | -2% |
| Metinvest | Azovstal | 333 | -2% | 10.7 | -3% | 4,469 | -3% |
| Metinvest | Zaporizhstal | 335 | 8% | 10.8 | 16% | 3,820 | 1% |
| Metinvest | Yenakievo Steel | 243 | 34% | 7.8 | 0% | 2,888 | 6% |
| IUD | Alchevsk Steel | 371 | 0% | 12.0 | 14% | 4,174 | 8% |
| IUD | Dzerzhinsky Steel | 223 | -12% | 7.2 | -1% | 2,929 | -7% |
| Evraz | Petrovsky Steel | 67 | -11% | 2.2 | -30% | 997 | 21% |
| | Dniprospetzstal | 20 | -13% | 0.6 | 2% | 274 | -17% |
| | Others | 73 | | 2.4 | | 1,549 | |
| | TOTAL | 2,655 | 3.5% | 85.6 | 0.6% | 32,620 | 0.8% |

Source: Metal Courier, Metallurgprom

COMMENTARY

As we predicted, Ukrainian steelmakers managed to improve their operating results in December, which we attribute to a seasonal resurgence in demand in the second part of the month as consumers and traders replenished their inventories. The solid year-on-year rise of 3.5% was probably helped by the low comparison base from December 2012, a month in which Ukraine was hit by a series of paralyzing snowfalls.

Metinvest (including Zaporizhstal) improved its output by 8% MoM in December to 1.34mn tonnes, while the mills owned by the ISD group posted double digit growth of 11% MoM to 594,000 tonnes in the month.

Overall, the domestic steel industry managed to the finish year slightly ahead of where it was in 2012; the FY13 output of 32.6mn tonnes is in line with our most recent expectations, although the figure comes in somewhat below our initial 2013 forecast of 33.0mn tonnes. Political unrest in several MENA coutries as well as lower internal consumption in Ukraine (following the end of EURO-2012 infrastructure projects) were offset by higher demand in Russia/CIS. Additionally, Ukrainian steelmakers - especially those of ISD - managed to fight back to reclaim some of their market share in Europe previously lost to Turkish and Russian competitors.

For 2014, we have a cautiously optimistic outlook for Ukrainian steel production; we expect an increase in the range of 2% YoY against base-case forecasts of a 3% YoY rise in global steel demand. Supportive factors for the forecast are further improvement the situation in Europe and higher steel use in MENA. The risk for national steel plants include tightening competition from China and a deterioration in Ukraine's trade relationship with Russia, which buys a non-negligible chunk of Ukrainian steel exports.



F&C Postpones Bond Redemption to 2019, Cuts Coupon by 125 bps

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

NEWS

Finance&Credit Bank, which is affiliated with the business group of Ferrexpo owner Constantine Zhevago, has restructured its outstanding USD 100mn (10.5%) Eurobonds, which had been set to mature later this month (on Jan 25), according to an announcement made by the bank on the Irish Stock Exchange on Friday (Jan 10). F&C agreed with bondholders to exchange the outstanding bonds for a combination of cash and newly-issued bonds with a 9.25% coupon and maturity in 2019. Each bondholder will get a pro rata share of a one-time USD 5mn cash payment.

COMMENTARY

Although F&C's offer does not provide any particular benefit to the bondholders other than the modest one-off payout, more than 75% of bondholders voted to approve it at a meeting held on Thursday (Jan 9). The approved offer cuts the coupon to 9.25% rather than to the 9.125% initially demanded by F&C in November, when the bank announced the restructuring plan. This is the second time F&C has restructured its bonds, which were first issued in 2006 at 10.375% and were replaced by a new issue with a 10.5% coupon in 2009. We suspect that the bondholders had little choice but to accept the new offer. We believe that Zhevago could easily have raised the cash to redeem the bonds, but that he preferred to avoid a capital outflow from his group.

The F&C bonds are currently quoted with a wide spread at 88.0/98.0, implying a yield of 12.9%/10.0.



January 13, 2014

EAVEX RECOMMENDATIONS

| Name | Ticker | Price, per share | Target price, per share | Upside, % | Rating | Commentary |
|-----------------------|---------|------------------|-------------------------|-----------|--------|---|
| Steel&Pipes | | | | | | |
| Azovstal | AZST | 0.64 | 0.56 | -13% | SELL | Non-transparent reporting practices detrimentally affect Azovstal's reported earnings. |
| Iron Ore | | | | | | |
| Ferrexpo | FXPO LN | 175.2 | 218.0 | 24% | 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 | 8.01 | 14.5 | 80% | BUY | Secure demand for Pivnichny GOK's iron ore products and lucrative pricing allow the company to operate with high profitability (EBITDA margin of not lower than 45% since 2009). Disadvantages of the stock are its low liquidity and no dividend in 2013 for the first time since 2005. |
| Centralny GOK | CGOK | 6.50 | 10.6 | 63% | BUY | Centralny GOK operates in the highly profitable iron ore industry; its EBITDA margin has remained above 35% since 2009. Disadvantages of the stock are its low liquidity and no dividend in 2013 for the first time since 2005. |
| Coke | | | | | | |
| Avdyivka Coke | AVDK | 2.85 | 6.2 | 119% | BUY | AVDK's order book is secure thanks to its integration with Metinvest, Ukraine's largest M&M holding. |
| Yasynivsky Coke | YASK | 0.54 | 3.4 | 537% | 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 | 0.41 | 2.9 | 618% | BUY | We expect Pokrovske Mine to double its coking coal extraction to 9.5mn tonnes over 2010-15. |
| Railcar Manufacturing | | | | | | |
| Krukiv Wagon | KVBZ | 17.0 | U/R | | U/R | |
| LuganskTeplovoz | LTPL | 1.50 | 5.2 | 249% | 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 | 1860 | 5250 | 182% | 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 | 13.8 | 42.0 | 205% | BUY | We assume that Regal will be able to produce 5,200 boepd in 2014, generating USD 116mn in sales. |
| JKX Oil & Gas | JKX | 72.3 | 370 | 412% | 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 | 28.0 | 72.0 | 157% | 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 | 4.68 | 15.00 | 221% | 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 | 18.0 | 22.10 | 23% | 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 | 65.5 | 90.0 | 37% | 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 | 11.3 | 19.35 | 71% | BUY | A doubling of egg processing capacity to 6mn eggs/day in 1H13 with further expansion to 10mn in earl 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 | 95.0 | 109.50 | 15% | 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



Market Data

January 13, 2014

PRICES AND QUOTES

| Name | Ticker | Today, UAH* | 52 high, UAH* | 52 low, UAH* | 1d | Absolute 1w | performan 1m | ce ytd | Perfor 1d | mance rela 1w | ative to the 1m | UX index ytd |
|-------------------------------|--------|----------------|------------------|-----------------|--------|----------------|-----------------|-----------|--------------|------------------|--------------------|-----------------|
| UX Index | UX | 895.68 | 1061.97 | 781.22 | 1.8% | -1.6% | 1.1% | -1.6% | 0.0% | 0.0% | 0.0% | 0.0% |
| Steel | | | | | | | | | | | | |
| Alchevsk Steel | ALMK | 0.037 | 0.06 | 0.02 | 2.2% | -5.2% | -7.8% | -5.2% | 0.4% | -3.6% | -8.9% | -3.6% |
| Azovstal | AZST | 0.64 | 0.90 | 0.31 | -0.6% | -5.1% | -7.7% | -5.1% | -2.4% | -3.5% | -8.8% | -3.5% |
| Dniprospetzstal | DNSS | 1,300 | n/a | n/a | 0.0% | 0.0% | 0.0% | 0.0% | -1.8% | 1.6% | -1.1% | 1.6% |
| Enakievo Steel | ENMZ | 32.0 | 49.9 | 20.0 | 2.4% | 0.1% | -2.4% | 0.1% | 0.6% | 1.7% | -3.6% | 1.7% |
| Arcelor Mittal KR | KSTL | 1.15 | n/a | n/a | 0.0% | 0.0% | n/a | 0.0% | -1.8% | 1.6% | n/a | 1.6% |
| Mariupol Ilyicha | MMKI | 0.10 | 0.26 | 0.05 | 0.0% | 0.0% | -23.1% | 0.0% | -1.8% | 1.6% | -24.2% | 1.6% |
| Coke | | | | | | | | | | | | |
| Avdyivka Coke | AVDK | 2.85 | 4.80 | 1.60 | -0.2% | -3.9% | -6.9% | -3.9% | -2.0% | -2.3% | -8.0% | -2.3% |
| Yasynivsky Coking | YASK | 0.54 | 0.85 | 0.49 | 0.0% | 1.9% | 0.0% | 1.9% | -1.8% | 3.5% | -1.1% | 3.5% |
| Iron Ore Mining | | | | | | | | | | | | |
| Centralny GOK | CGOK | 6.50 | 7.74 | 5.00 | 0.0% | 0.0% | 8.2% | 0.0% | -1.8% | 1.6% | 7.0% | 1.6% |
| Ferrexpo | FXPO | 2.89 | 4.58 | 2.02 | 0.2% | -6.1% | 0.4% | -8.5% | -1.5% | -4.5% | -0.8% | -6.9% |
| Pivnichny GOK | SGOK | 8.01 | 10.00 | 5.77 | 0.1% | 0.1% | -1.1% | 0.1% | -1.7% | 1.7% | -2.3% | 1.7% |
| Coal Mining | | | | | | | | | | | | |
| Pokrovske Mine | SHCHZ | 0.41 | 0.71 | 0.10 | 7.9% | 2.5% | -18.0% | 2.5% | 6.1% | 4.1% | -19.1% | 4.1% |
| Komsomolets Donbasa | SHKD | 0.62 | 1.25 | 0.27 | 0.0% | 0.0% | 6.9% | 0.0% | -1.8% | 1.6% | 5.8% | 1.6% |
| Energy Coal | CLE | 0.38 | 4.57 | 0.31 | -2.2% | 17.9% | -27.1% | 10.1% | -4.0% | 19.5% | -28.2% | 11.7% |
| Mining Machinery | | | | | | | | | | | | |
| Svitlo Shakhtara | HMBZ | 0.46 | n/a | n/a | 0.0% | 0.0% | n/a | 0.0% | -1.8% | 1.6% | n/a | 1.6% |
| Pipe Manufacturing | | | | | | | | | | | | |
| Khartsyzk Pipe | HRTR | 0.55 | 0.86 | 0.30 | -8.3% | -8.3% | 12.2% | -8.3% | -10.1% | -6.8% | 11.1% | -6.8% |
| Interpipe NMPP | NVTR | 0.23 | 0.29 | 0.10 | 9.5% | 9.5% | 0.0% | 9.5% | 7.7% | 11.1% | -1.1% | 11.1% |
| Railcar Manufacturing | | | | | | | | | | | | |
| Kryukiv Wagon | KVBZ | 17.0 | 29.0 | 12.0 | 1.3% | -2.0% | 4.2% | -2.0% | -0.5% | -0.4% | 3.1% | -0.4% |
| Luhanskteplovoz | LTPL | 1.50 | 2.20 | 1.26 | 0.0% | 0.0% | -6.3% | 0.0% | -1.8% | 1.6% | -7.4% | 1.6% |
| Stakhanov Wagon | SVGZ | 1.12 | 1.95 | 1.00 | -13.8% | -13.8% | -13.2% | -13.8% | -15.6% | -12.3% | -14.3% | -12.3% |
| Specialized Machinery | | | | | | | | | | | | |
| Bogdan Motors | LUAZ | 0.02 | 0.08 | 0.02 | -14.2% | -34.0% | -37.3% | -34.0% | -16.0% | -32.4% | -38.4% | -32.4% |
| Motor Sich | MSICH | 1,860 | 2,640 | 1,303 | 3.5% | 2.0% | 19.5% | 2.0% | 1.7% | 3.6% | 18.4% | 3.6% |
| Sumy Frunze Engineering | SMASH | 2.40 | 4.00 | 1.20 | -6.6% | -4.0% | 3.9% | -4.0% | -8.4% | -2.4% | 2.8% | -2.4% |
| Turboatom | TATM | 3.50 | n/a | n/a | 0.0% | 0.0% | n/a | 0.0% | -1.8% | 1.6% | n/a | 1.6% |
| WESTA ISIC | WES | 0.16 | 0.26 | 0.13 | 1.1% | 0.8% | -18.8% | 18.6% | -0.7% | 2.4% | -20.0% | 20.2% |
| Telecom | | | | | | | | | | | | |
| Ukrtelecom | UTLM | 0.14 | 0.17 | 0.09 | 16.4% | 27.3% | 11.7% | 27.3% | 14.6% | 28.9% | 10.6% | 28.9% |
| Oil & Gas | | | | | | | | | | | | |
| Regal Petroleum | RPT | 0.23 | 0.57 | 0.19 | 2.9% | 14.9% | -8.1% | 7.6% | 1.1% | 16.5% | -9.3% | 9.1% |
| JKX Oil | JKX | 1.19 | 1.26 | 0.75 | 0.4% | 1.3% | 0.6% | 0.4% | -1.4% | 2.9% | -0.6% | 2.0% |
| Ukrnafta | UNAF | 107 | 280 | 96 | 2.9% | -1.8% | 0.0% | -1.8% | 1.1% | -0.3% | -1.1% | -0.3% |
| Power Utilities | 01111 | | | | | | | | | | | |
| Centrenergo | CEEN | 4.68 | 7.40 | 2.50 | 1.8% | -1.8% | -3.9% | -1.8% | 0.0% | -0.3% | -5.1% | -0.3% |
| Donbasenergo | DOEN | 28.0 | 34.0 | 15.4 | 1.0% | 1.4% | 3.4% | 1.4% | -0.8% | 3.0% | 2.2% | 3.0% |
| Zakhidenergo | ZAEN | 90.4 | 115.0 | 64.0 | 0.0% | 0.0% | 3.9% | 0.0% | -1.8% | 1.6% | 2.8% | 1.6% |
| Consumer | | | | | | | | | | | | |
| Agroton | AGT | 0.92 | 3.6 | 0.36 | 12.7% | 30.5% | 39.5% | 42.4% | 11.0% | 32.1% | 38.3% | 44.0% |
| Astarta | AST | 21.5 | 24.4 | 14.5 | 3.5% | -2.9% | -0.7% | -3.2% | 1.8% | -1.3% | -1.8% | -1.6% |
| Avangardo | AVGR | 11.3 | 13.0 | 7.61 | 0.0% | -0.9% | -3.4% | -3.8% | -1.8% | 0.7% | -4.6% | -2.3% |
| Industrial Milk Company | IMC | 4.10 | 5.25 | 3.63 | 0.9% | -1.4% | -3.1% | 1.5% | -0.8% | 0.1% | -4.3% | 3.1% |
| Kernel | KER | 13.8 | 22.6 | 11.8 | 1.1% | 2.7% | 6.1% | 9.0% | -0.7% | 4.3% | 4.9% | 10.6% |
| Mriya Agro Holding | MAYA | 6.91 | 8.2 | 5.36 | 0.6% | -0.5% | -4.1% | -7.2% | -1.2% | 1.1% | -5.2% | -5.6% |
| MHPC | MHPC | 18.0 | 19.9 | 14.15 | 1.4% | 1.4% | 13.9% | 5.8% | -0.4% | 3.0% | 12.8% | 7.4% |
| Milkiland | MLK | 3.78 | 5.2 | 3.11 | 0.3% | -1.8% | -6.0% | -9.1% | -1.4% | -0.2% | -7.1% | -7.5% |
| Ovostar Union | OVO | 31.2 | 33.3 | 21.3 | 1.3% | -1.8% | -0.0% | -9.1% | -1.4% | 1.3% | 13.3% | -4.5% |
| Sintal | SNPS | 51.2 n/a | 0.28 | 0.28 | | | | | | | | n/a |
| MCB Agricole | 4GW1 | n/a n/a | 0.28 | 0.28 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| | 40001 | ii/d | 0.57 | 0.57 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | ., u |
| Chemicals | CTID | 12.0 | 15.9 | 7.1 | -3.8% | -3.8% | -11.5% | -3.8% | -5.6% | -2.3% | -12.6% | -2.3% |
| Stirol | STIR | 12.0 | 12.9 | 1.1 | -3.0% | -3.0% | -TT'2% | -3.8% | -0.0% | -2.3% | -12.0% | 2.070 |
| Banks Raiffeisen Bank Aval | BAVL | 0.110 | 0.128 | 0.077 | 3.6% | -3.0% | -5.1% | -3.0% | 1.8% | -1.4% | -6.2% | -1.4% |
| UkrSotsbank | USCB | 0.110 | 0.128 | 0.107 | -1.8% | -3.0% | -5.1% | -3.0% | -3.6% | -1.4% | -0.2% | -5.0% |
| UNIGUISDAIIN | USCD | 0.175 | 0.257 | 0.107 | -1.0% | -0.0% | 5.270 | -0.0% | -3.0% | -5.0% | | Bloomherg |

Source: Bloomberg * companies listed abroad are in USD



Market Data

January 13, 2014

MAIN FINANCIAL FORECASTS, USD mn

| Name | Ticker | Ν | let Sales | 6 | | EBITDA | | EB | ITDA ma | argin | N | et Profit | | Net | Profit m | argin |
|-------------------------------|--------|------------|-----------------|------------|------------|-----------------|------------|----------------|---------------------|--------|------|---------------|-----------|--------|------------|--------|
| | | 2012 | 2013E | 2014E | 2012 | 2013E | 2014E | 2012 | 2013E | 2014E | 2012 | 2013E | 2014E | 2012 | 2013E | 2014E |
| 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 | neg |
| Azovstal | AZST | 2,814 | 1,938 | 1,976 | -181 | -31 | 35 | neg | neg | 1.8% | -333 | -173 | -24 | neg | neg | neg |
| Coke | | | | | | | | | | | | | | | | |
| Avdyivka Coke | AVDK | 1,090 | 914 | 784 | -112 | 47 | 29 | neg | 5.1% | 3.8% | -137 | -6 | -24 | neg | neg | neg |
| Yasynivsky Coking | YASK | 432 | 367 | 333 | 27 | 29 | 19 | 6.4% | 7.8% | 5.7% | 8 | 11 | 5 | 1.9% | 3.1% | 1.4% |
| 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 | 549 | 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 | 240 | 248 | 15.1% | 15.5% | 15.3% |
| Coal Mining | | | | | | | | | | | | | | | | |
| 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 | -17 | -24 | 23.2% | neg | neg |
| Pipe Manufacturing | 011 | | | | | | | | | | | | | | | Ū |
| 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 | | 100 | 010 | 001 | 02 | 01 | 0. | 2010/0 | 2012/0 | 01070 | | | 20 | | 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 | 427 | 387 | 135 | 65 | 59 | 15.2% | 15.2% | 15.3% | 95 | 25 | 22 | 10.7% | 5.7% | 5.7% |
| Stakhanov Wagon | SVGZ | 311 | 172 | 150 | 7 | 6 | 5 | 2.3% | 3.4% | 3.6% | 1 | -1 | -1 | 0.2% | neg | neg |
| Specialized Machinery | OTAL | 011 | 112 | 100 | , | Ű | Ű | 2.070 | 0.470 | 0.070 | - | - | - | 0.270 | ПСБ | |
| 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 | Molon | 0.0 | 2,000 | 1,110 | 000 | 200 | 200 | 01.070 | 20.070 | 2012/0 | 200 | 201 | 200 | 2011/0 | 20.170 | |
| 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 | OTEM | 000 | 145 | 004 | 200 | 210 | 200 | 24.070 | 20.170 | 51.570 | | 50 | 00 | 3.470 | 0.070 | 2010/0 |
| Ukrnafta | UNAF | 1.853 | 2.454 | 2.143 | 319 | 414 | 393 | 17.2% | 16.9% | 18.3% | 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 | 5 | 13 | 22.7% | 13.2% | 21.3% |
| JKX Oil | JKX | 203 | 210 | 231 | 136 | 85 | 90 | 67.1% | 40.5% | 39.0% | -11 | 20 | 24 | neg | 9.5% | 10.4% |
| Electric Utilities | JIV | 203 | 210 | 231 | 130 | 85 | 50 | 07.176 | 40.37 | 33.07 | -11 | 20 | 24 | neg | 3.370 | 10.470 |
| 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 | 43 | 0.7% | 7.5% | 5.9% |
| Consumer | DOEN | 574 | 050 | 132 | 52 | 12 | 04 | 5.0% | 11.0% | 0.0% | 4 | 49 | 43 | 0.7% | 1.5% | 0.070 |
| 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 | 545 257 | 33.2% 14.9% | 10.4% | 10.4% | 211 | 105 | 269 | 9.8% | 3.8% | 3.1% |
| Astarta | AST | | | | | | | | | | | | | | 3.8% | 15.8% |
| Avangardco | | 456 629 | 504 | 598 785 | 109 280 | 125 328 | 169 272 | 20.0% | 20.6% | 23.6% | 58 | 78 262 | 113 | 10.6% | | 38.3% |
| Agroton | AVGR | | 703 | 785 | | | 373 | 44.5% | 46.6% | 47.5% | 228 | | 300 | 36.3% | 37.2% | |
| Banks | AGT | 88 | 69 Total Ass | 76 | 20 | 13 Total Equ | 12 | 23.2% | 18.1% Total Inco | 15.4% | 7 | -2 Net Pro | -1 fit | 7.7% | neg | neg |
| Banks Raiffeisen Bank Aval | D414 | | | | | Total Equ | | | | | | | | | urn on Equ | |
| | BAVL | 5,962 | 5,497 | 5,664 | 793 | 905 | 856 | 679 | 665 | 613 | 4 | 110 | 115 | 0.5% | 12.2% | 13.5% |
| Ukrsotsbank | USCB | 5,151 | 4,564 | 4,846 | 957 | 950 | 1,029 | 451 | 389 | 475 | 1 | 2 | 20 | 0.1% | 0.2% | 2.0% |

Source: Eavex Research



Market Data

January 13, 2014

MAIN TRADING MULTIPLES

| | Ticker | MCap USD mn | | Float JSD mn | EV USD mn | 2012 | P/E 2013E | 2014E | | V/EBIT 2013E | DA 2014E | | V/Sales 2013E | | EV 2012 2 | /Outp 2013E 2 | | Units |
|-----------------------|-------------|----------------|---|-----------------|--------------|------|--------------|-------|-----|-----------------|-------------|------|------------------|------|--------------|------------------|--------|-----------|
| Steel | | 002 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | 002 1111 | | | | | | | | | | | | | |
| Alchevsk Steel | ALMK | 114 | 3.9% | 4 | 1,908 | neg | neg | neg | neg | neg | neg | 1.1 | 1.1 | 1.1 | 493 | 460 | 446 | \$/tonne |
| Yenakievo Steel | ENMZ | 41 | 8.8% | 4 | 35 | 4.8 | neg | neg | neg | 1.6 | 1.1 | 0.0 | 0.0 | 0.0 | 13 | 12 | 12 | \$/tonne |
| Azovstal | AZST | 323 | 3.0% | 10 | 305 | neg | neg | neg | neg | neg | 8.6 | 0.1 | 0.2 | 0.2 | 66 | 68 | 67 | \$/tonne |
| Coke | , 201 | 020 | 0.075 | 10 | 000 | | | 1108 | | | 0.0 | 0.1 | 0.2 | 0.2 | | | | ., |
| Avdyivka Coke | AVDK | 67 | 6.8% | 5 | 64 | neg | neg | neg | neg | 1.4 | 2.2 | 0.1 | 0.1 | 0.1 | 15 | 17 | 17 | \$/tonne |
| Yasynivsky Coke | YASK | 18 | 9.0% | 2 | 19 | 2.1 | 1.6 | 3.8 | 0.7 | 0.7 | 1.0 | 0.0 | 0.1 | 0.1 | 0.7 | 0.7 | 1.0 | \$/tonne |
| Iron Ore Mining | in cont | 10 | 01070 | _ | 10 | | 2.0 | 0.0 | 0.1 | | 1.0 | 0.0 | 0.1 | 0.1 | 0 | 0 | | ., |
| Centralny GOK | CGOK | 919 | 0.3% | 2 | 918 | 9.7 | 5.1 | 6.1 | 4.0 | 2.9 | 3.3 | 1.5 | 1.4 | 1.4 | | | | |
| Pivnichny GOK | SGOK | 2,228 | 0.4% | 9 | 2,221 | 5.1 | 4.1 | 4.8 | 3.0 | 2.4 | 2.7 | 1.6 | 1.4 | 1.5 | | | | |
| Ferrexpo | FXPO | 1,699 | 24.0% | 408 | 2,265 | 7.9 | 7.1 | 6.9 | 5.6 | 5.2 | 5.0 | 1.6 | 1.5 | 1.4 | | | | |
| Coal Mining | 174 0 | 1,000 | 24.070 | 400 | 2,200 | 1.0 | | 0.0 | 0.0 | 0.2 | 0.0 | 1.0 | 1.0 | ± | | | | |
| Komsomolets Donbasa | SHKD | 25 | 5.4% | 1 | 127 | 3.5 | 1.5 | 1.5 | 1.0 | 1.4 | 1.4 | 0.5 | 0.6 | 0.5 | 31 | 30 | 28 | \$/tonne |
| Coal Energy | CLE | 17 | 25.0% | 4 | 127 | 0.5 | neg | neg | 2.0 | 6.0 | 14.2 | 0.8 | 1.0 | 1.3 | 2.0 | 6.0 | 14.2 | \$/tonne |
| Pipe Manufacturing | OLL | 1, | 20.070 | - | 121 | 0.0 | nep | ПСБ | 2.0 | 0.0 | 17.2 | 0.0 | 1.0 | 1.0 | 2.0 | 0.0 | | ., |
| Khartsyzk Pipe | HRTR | 173 | 2.0% | 3 | 218 | 5.1 | 10.0 | 8.6 | 4.2 | 7.0 | 6.3 | 0.5 | 0.7 | 0.6 | 346 | 574 | 546 | \$/tonne |
| Railcar Manufacturing | · · · · · · | 110 | 2.070 | Ű | 210 | 0.1 | 10.0 | 0.0 | 4.2 | 1.0 | 0.0 | 0.0 | 0.1 | 0.0 | 040 | 014 | | ., |
| LuganskTeplovoz | LTPL | 40 | 24.0% | 10 | 81 | 8.2 | 2.2 | 2.0 | 2.8 | 2.3 | 2.1 | 0.4 | 0.2 | 0.2 | | | | |
| Krukiv Wagon | KVBZ | 235 | 5.0% | 12 | 235 | 2.5 | 9.6 | 10.6 | 1.7 | 3.6 | 4.0 | 0.3 | 0.5 | 0.6 | | | | |
| Stakhanov Wagon | SVGZ | 31 | 8.0% | 2 | 70 | >30 | neg | neg | 9.7 | 11.9 | 12.8 | 0.2 | 0.4 | 0.5 | | | | |
| Specialized Machinery | 0102 | 01 | 0.075 | - | | | | 1108 | 011 | 11.0 | 12.0 | 0.2 | | 0.0 | | | | |
| Turboatom | TATM | 178 | 5.8% | 10 | 105 | 4.7 | 3.2 | 3.0 | 2.0 | 1.4 | 1.4 | 0.7 | 0.5 | 0.5 | | | | |
| Motor Sich | MSICH | 467 | 24.0% | 112 | 485 | 2.3 | 2.5 | 2.3 | 1.6 | 2.1 | 1.9 | 0.5 | 0.5 | 0.4 | | | | |
| Telecom | | | | | | | | | | | | | | | | | | |
| Ukrtelecom | UTLM | 316 | 7.2% | 23 | 638 | 7.0 | 6.4 | 4.8 | 3.1 | 3.0 | 3.1 | 0.8 | 0.9 | 1.0 | | | | |
| Oil & Gas | | | | | | | | | | | | | | | | | | |
| Ukrnafta | UNAF | 698 | 3.0% | 21 | 689 | 4.0 | 5.3 | 5.8 | 2.2 | 1.7 | 1.8 | 0.4 | 0.3 | 0.3 | n/a | n/a | n/a | \$/boe |
| Regal Petroleum | RPT | 73 | 21.6% | 16 | 44 | 6.3 | 14.4 | 5.7 | 2.1 | 2.6 | 1.4 | 0.9 | 1.2 | 0.7 | n/a | n/a | n/a | \$/boe |
| JKX Oil & Gas | JKX | 204 | 50.4% | 103 | 313 | neg | 10.2 | 8.5 | 2.3 | 3.7 | 3.5 | 1.5 | 1.5 | 1.4 | 57 | 43 | 42 | \$/boe |
| Electric Utilities | | | | | | 8 | | | | | | | | | | | | ., |
| CentrEnergo | CEEN | 209 | 21.7% | 45 | 278 | 7.2 | 4.9 | 4.2 | 4.0 | 4.5 | 4.0 | 0.2 | 0.3 | 0.3 | 16 | 19 | 17 | \$/MWh |
| DonbasEnergo | DOEN | 80 | 14.2% | 11 | 150 | 20.9 | 1.6 | 1.9 | 4.7 | 2.1 | 2.3 | 0.3 | 0.2 | 0.2 | 18 | 19 | 18 | \$/MWh |
| Consumer | | | | | | | | | | | | | | | | | | |
| MHP | MHPC | 1,902 | 34.1% | 649 | 3,062 | 6.1 | 9.4 | 7.1 | 6.5 | 7.4 | 5.6 | 2.2 | 2.2 | 1.9 | | | | |
| Kernel | KER | 1,100 | 61.8% | 680 | 1,806 | 5.2 | 10.5 | 14.3 | 5.6 | 6.2 | 7.0 | 0.8 | 0.6 | 0.7 | | | | |
| Astarta | AST | 539 | 37.0% | 199 | 872 | 9.3 | 6.9 | 4.8 | 8.0 | 7.0 | 5.2 | 1.9 | 1.7 | 1.5 | | | | |
| Avangardco | AVGR | 722 | 22.5% | 162 | 921 | 3.2 | 2.8 | 2.4 | 3.3 | 2.8 | 2.5 | 1.5 | 1.3 | 1.2 | 208 | 158 | 149 \$ | \$/mneggs |
| Agroton | AGT | 20 | 26.2% | 5 | 69 | 2.9 | neg | neg | 3.4 | 5.5 | 5.9 | 0.8 | 1.0 | 0.9 | n/a | n/a | n/a | ., -880 |
| Banks | AGI | 20 | -0.273 | 5 | 00 | 2.5 | P/E | 1108 | 0.4 | P/Book | | | P/Asset | | ny u | ny u | , | |
| Raiffeisen Bank Aval | BAVL | 399 | 3.6% | 14 | | >30 | 3.6 | 3.5 | 0.5 | 0.4 | 0.5 | 0.07 | 0.07 | 0.07 | | | | |
| Ukrsotsbank | USCB | 389 | 1.4% | 5 | | >30 | >30 | 20.7 | 0.5 | 0.4 | 0.3 | 0.07 | 0.07 | 0.07 | | | | |

Source: Eavex Research

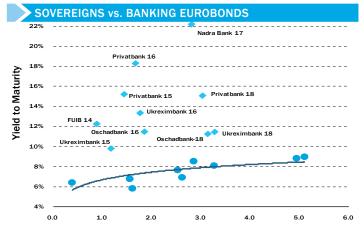
EAVE >

Market Data

January 13, 2014

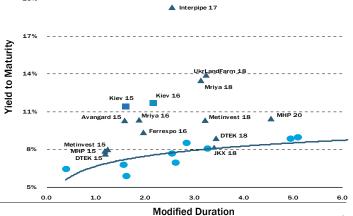
| UKRAINIAN EUROBONDS | | | | | | | | | | | |
|------------------------------|----------------|----------------|--------------|--------------|---------------------|----------------------|---------------|------------------|----------------------------|------------------|----------------------|
| Issue | 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, 2014 | 100.5 | 101.0 | 7.2% | 5.7% | 0.8% | 0.4 | 7.95% | S/A | 6 Apr. 2014 | 1,000 | Caa1/B-/B- |
| Naftogaz Ukraine, 2014 | 100.6 | 101.3 | 9.9% | 8.5% | 0.4% | 0.7 | 9.50% | S/A | 30 Sept 2014 | 1,595 | //B- |
| Ukraine, 2015 (EUR) | 98.5 | 99.5 | 6.0% | 5.4% | 3.1% | 1.6 | 4.95% | A | 13 Oct 2015 | 600* | Caa1/B-/B- |
| Ukraine, 2015 | 99.4 | 100.9 | 7.6% | 6.5% | 2.5% | 1.5 | 6.875% | S/A | 23 Sept 2015 | 500 | Caa1/B-/B- |
| Ukraine, 2016 | 96.8 | 97.8 | 8.0% | 7.6% | 3.5% | 2.5 | 6.58% | S/A | 21 Nov 2016 | 1,000 | Caa1/B-/B- |
| Ukraine, 2016-2 | 97.0 | 98.0 | 7.5% | 7.1% | 3.3% | 2.6 | 6.25% | S/A | 17 Jun 2016 | 1,250 | Caa1/B-/B- |
| Ukraine, 2017 | 95.4 | 96.6 | 8.3% | 7.9% | 3.5% | 3.3 | 6.75% | S/A | 14 Nov 2017 | 700 | Caa1/B-/B- |
| Ukraine, 2017-2 | 102.4 | 103.7 | 8.6% | 8.1% | 3.9% | 2.8 | 9.25% | S/A | 24 Jul 2017 | 2,000 | Caa1/B-/B- |
| Ukraine, 2017 Infr. projects | 92.0 | 93.5 | 11.6% | 11.0% | 12.3% | 3.1 | 8.375% | S/A | 3 Nov 2017 | 568 | Caa1// |
| Ukraine, 2018 Infr. projects | 88.8 | 90.4 | 11.2% | 10.7% | 14.1% | 3.4 | 7.40% | S/A | 20 Apr 2018 | 690 | Caa1// |
| Ukraine, 2020 | 94.2 | 95.5 | 9.0% | 8.8% | 1.9% | 4.9 | 7.75% | S/A | 23 Sept 2020 | 1,500 | Caa1/B-/B- |
| Ukraine, 2021 | 94.9 | 96.4 | 9.0% | 8.7% | 2.1% | 5.1 | 7.95% | S/A | 23 Feb 2021 | 1,500 | Caa1/B-/B- |
| Ukraine, 2022 | 92.4 | 93.7 | 9.1% | 8.9% | 2.2% | 6.1 | 7.80% | S/A | 28 Nov 2022 | 1,250 | Caa1/B-/B- |
| Ukraine, 2023 | 92.0 | 93.5 | 8.8% | 8.5% | 2.5% | 6.3 | 7.50% | S/A | 17 Apr 2023 | 1,250 | Caa1/B-/B- |
| Corporate Eurobonds | | | | | | | | | | | |
| Agroton, 2014 | 50.0 | 54.4 | 33.0% | 29.7% | n/a | 2.9 | 8.00% | S/A | 14 Jul 2019 | 50 | /CCC/RD |
| MHP, 2015 | 103.0 | 104.0 | 8.3% | 7.8% | 0.0% | 1.2 | 10.25% | S/A | 29 Apr 2015 | 235 | Caa1//B- |
| MHP, 2020 | 89.9 | 91.2 | 10.5% | 10.2% | 1.3% | 4.6 | 8.25% | S/A | 2 Apr 2020 | 750 | /B-/B- |
| Avangardco, 2015 | 100.0 | 101.8 | 10.5% | 9.3% | n/a | 1.6 | 10.00% | S/A | 29 Oct 2015 | 200 | //B- |
| UkrLandFarming, 2018 | 92.3 | 93.1 | 13.3% | 13.1% | 2.8% | 3.1 | 10.88% | S/A | 26 Mar 2018 | 275 | /B-/B- |
| Mriya, 2016 | 100.5 | 102.9 | 11.3% | 9.9% | 1.5% | 1.9 | 10.95% | S/A | 30 Mar 2016 | 72 | /B-/B- |
| Mriya, 2018 | 89.7 | 91.3 | 12.6% | 12.1% | 3.9% | 3.3 | 9.45% | S/A | 19 Apr 2018 | 400 | /B-/B- |
| DTEK, 2015 | 102.1 | 103.0 | 8.3% | 7.5% | 0.3% | 1.2 | 9.50% | S/A | 28 Apr 2015 | 200 | Caa1//B- |
| DTEK, 2018 | 95.4 | 96.5 | 9.2% | 8.9% | 1.8% | 3.4 | 7.88% | S/A | 4 Apr 2018 | 750 | Caa1//B- |
| Metinvest, 2015 | 103.4 | 104.1 | 8.0% | 7.4% | 4.2% | 1.2 | 10.25% | S/A | 20 May 2015 | 500 | Caa1//B- |
| Metinvest, 2018 | 97.2 | 98.3 | 9.7% | 9.3% | 2.9% | 3.2 | 8.75% | S/A | 14 Feb 2018 | 750 | Caa1//B- |
| Ferrexpo, 2016 | 98.7 | 100.1 | 8.8% | 8.0% | 1.4% | 2.0 | 7.875% | S/A | 07 Apr 2016 | 500 | /B-/B- |
| UZ Rail, 2018 | 93.7 | 95.1 | 11.4% | 11.0% | 2.9% | 3.4 | 9.50% | S/A | 21 May 2018 | 500 | /B-/B- |
| Interepipe, 2017 | 77.0 | 80.1 | 20.1% | 18.2% | 0.0% | 2.5 | 10.25% | S/A | 2 Aug 2017 | 200 | /NR/C |
| JKX Oil&Gas, 2018 | 111.9 | 113.1 | 7.9% | 7.6% | 1.4% | 3.4 | 8.00% | S/A | 19 Feb 2018 | 40 | // |
| Bank Eurobonds | | | | | | | | -, | | | ,, |
| Fin&Credit Bank, 2014 | 88.0 | 98.0 | 12.9% | 10.0% | 0.0% | 3.8 | 10.50% | S/A | 25 Jan 2014 | 100 | Caa1// |
| PUMB, 2014 | 100.9 | 100.9 | 11.7% | 11.7% | 2.4% | 0.9 | 11.00% | Q | 31 Dec 2014 | 275 | B// |
| Nadra Bank, 2017 | 80.0 | 85.0 | 24.8% | 19.8% | 0.0% | 2.8 | 8.00% | A | 22 Jun 2017 | 175 | // |
| PrivatBank, 2015 | 93.0 | 95.0 | 15.3% | 13.7% | 5.5% | 1.4 | 9.38% | S/A | 23 Sept 2015 | 200 | Caa1// |
| PrivatBank, 2016 | 77.2 | 82.2 | 20.2% | 16.6% | 13.3% | 1.7 | 8.75% | S/A | 9 Feb 2016 | 150 | Caa1// |
| PrivatBank, 2018 | 87.0 | 90.2 | 15.2% | 14.1% | 5.9% | 3.0 | 10.88% | S/A | 28 Feb 2018 | 175 | Caa1//B- |
| UkrEximBank, 2015 | 97.5 | 98.5 | 11.2% | 10.3% | 1.6% | 1.2 | 8.38% | S/A | 27 Apr 2015 | 750 | Caa1//B- |
| UkrEximBank, 2016 | 86.0 | 88.0 | 14.4% | 13.1% | 4.2% | 1.7 | 8.40% | S/A | 27 Apr 2015 2 Sept 2016 | 125 | Caa1//B- |
| UkrEximBank, 2018 | 91.3 | 93.0 | 11.5% | 11.0% | 3.3% | 3.1 | 8.75% | S/A | 22 Jan 2018 | 500 | Caa1//B- |
| VAB Bank, 2014 | 85.0 | 90.0 | n/a | n/a | 2.3% | n/a | 10.50% | Q | 14 Jun 2010 | 125 | Caa1//WD |
| Oschadbank, 2016 | 94.0 | 95.2 | 12.0% | 11.4% | 1.6% | 1.8 | 8.25% | S/A | 10 Mar 2016 | 700 | Caa1//WD |
| Oschadbank, 2018 | 94.0 90.2 | 91.8 | 11.9% | 11.4% | 2.3% | 3.3 | 8.88% | S/A | 20 Mar 2018 | 500 | Caa1//B- |
| Municipal Eurobonds | 00.2 | 01.0 | 11.0/0 | ±±.7/0 | 2.0/0 | 0.0 | 0.0070 | 5/1 | 20 1001 2010 | 000 | |
| - | 047 | 06.1 | 11 00/ | 10.0% | 0.6% | 16 | 8 000/ | C /A | 6 Nov 2015 | 250 | Coc1 /P / |
| City of Kyiv, 2015 | 94.7 | 96.1 | 11.8% | 10.9% | 2.6% | 1.6 | 8.00% | S/A | 6 Nov 2015 | 250 | Caa1/B-/ |
| City of Kyiv, 2016 | 94.7 | 96.2 | 11.9% | 11.2% | 2.6% | 2.1 | 9.375% | S/A | 30 Jun 2016 | 300 | Caa1/B-/ |

¹Moody's/S&P/Fitch; * EUR



Modified Duration





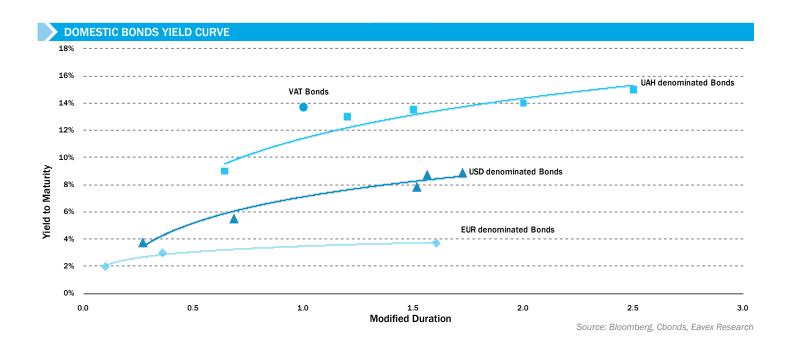
SOVEREIGNS vs. CORPORATE and MUNICIPAL EUROBONDS



UKRAINIAN DOMESTIC BONDS

| ONTRAINIAN | | | | | | | | | |
|-------------------|----------------------------|-------------------|-----------|-----------|----------|--------|--------|---------------|--------|
| | D · (D · 1) | D · (A I) | | | Modified | • | Coupon | | Volume |
| Issue | Price (Bid) | Price (Ask) | YTM (Bid) | YTM (Ask) | Duration | Coupon | Period | Maturity Date | mn USD |
| UAH denominated B | Bonds | | | | | | | | |
| UA4000115117 | | | 12.0% | 8.0% | n/a | 10.75% | S/A | 26 Mar 2014 | 187 |
| UA4000141592 | | | 15.0% | 13.0% | 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 I | Bonds | | | | | | | | |
| UA4000140362 | n/a | n/a | 8.3% | 8.0% | n/a | 9.20% | S/A | 21 May 2014 | 171 |
| UA4000142699 | n/a | n/a | 9.4% | 8.4% | n/a | 9.45% | S/A | 22 Apr 2015 | 312 |
| UA4000141071 | n/a | n/a | 9.6% | 8.5% | n/a | 9.45% | S/A | 27 May 2015 | 152 |
| UA4000142673 | n/a | n/a | 9.6% | 8.5% | n/a | 4.50% | S/A | 17 Jun 2015 | 175 |
| EUR denominated E | Bonds | | | | | | | | |
| UA4000142681 | n/a | n/a | 5.4% | 5.3% | n/a | 4.80% | S/A | 6 May 2015 | 40 |
| VAT Bonds | | | | | | | | | |
| UA4000082531 | | | 15.5% | 14.0% | n/a | 5.50% | S/A | 21 Aug 2015 | 141 |
| UA4000082622 | | | 15.5% | 14.0% | n/a | 5.50% | S/A | 24 Aug 2015 | 571 |
| UA4000083059 | | | 15.5% | 14.0% | n/a | 5.50% | S/A | 25 Aug 2015 | 415 |

Source: Bloomberg, Cbonds, Eavex Research





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